



# ARQUITECTURA

| PLANILLA DE METRADOS |                                                                                                                                                                                      |  |        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
| PROYECTO             | MEJORAMIENTO Y AMPLIACIÓN DEL SERVICIO EDUCATIVO DEL NIVEL PRIMARIA DE LA I.E. 009 ZOILA DELGADO DE QUINTANA EN EL DISTRITO DE TUMBES, PROVINCIA DE TUMBES Y DEPARTAMENTO DE TUMBES. |                                                                                     |        |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                      |                                                                                     |        |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                          |                                                                                     |        |
| LUGAR                | TUMBES - TUMBES - TUMBES                                                                                                                                                             |                                                                                     |        |
| Partida              | Especificaciones                                                                                                                                                                     | Total                                                                               | Unidad |
| <b>03</b>            | <b>ARQUITECTURA</b>                                                                                                                                                                  |                                                                                     |        |
| <b>03.01</b>         | <b>MUROS Y TABIQUES</b>                                                                                                                                                              |                                                                                     |        |
| 03.01.01             | Muro de Ladrillo Tipo IV (12.5X9X23) Aparejo de Soga                                                                                                                                 | 1.300.20                                                                            | M2     |
| 03.01.02             | Division de fibrocemento e: 6mm                                                                                                                                                      | 22.15                                                                               | M2     |
| <b>03.02</b>         | <b>REVOQUES Y ENLUCIDOS</b>                                                                                                                                                          |                                                                                     |        |
| 03.02.01             | Tarrajeo en Muros exteriores CA 1:4 e=1.5Cm cemento tipo MS                                                                                                                          | 1.269.92                                                                            | M2     |
| 03.02.02             | Tarrajeo en Muros interiores C.A 1:4 e=1.5Cm. Cemento Tipo MS                                                                                                                        | 1.589.76                                                                            | M2     |
| 03.02.03             | Tarrajeo en volado de acceso principal C.A 1:4 e=1.5Cm. Cemento Tipo MS                                                                                                              | 15.91                                                                               | M2     |
| 03.02.04             | Tarrajeo en Columnas Prop:1:4 e=1.5Cm cemento tipo MS                                                                                                                                | 2.206.67                                                                            | M2     |
| 03.02.05             | Tarrajeo en Cielo Raso Prop: 1:4 e=1.5Cm Cemento tipo MS                                                                                                                             | 1.777.59                                                                            | M2     |
| 03.02.06             | Tarrajeo de Vigas Prop 1:4 e=1.5Cm. Cemento tipo MS                                                                                                                                  | 1.066.85                                                                            | M2     |
| 03.02.07             | Tarrajeo Rayado Primario Mezcla 1:4                                                                                                                                                  | 328.32                                                                              | M2     |
| 03.02.08             | Revestimiento de derames h=0.15m prop. 1:4 e= 1.5Cm cemento Tipo MS                                                                                                                  | 943.82                                                                              | ML     |
| 03.02.09             | Tarrajeo con Aditivo Impermeabilizante con acabado pulido                                                                                                                            | 27.10                                                                               | M2     |
| 03.02.10             | Tarrajeo de Sardineles de concreto prop. 1:4 e=1.5Cm                                                                                                                                 | 52.14                                                                               | M2     |
| <b>03.03</b>         | <b>PINTURA</b>                                                                                                                                                                       |                                                                                     |        |
| 03.03.01             | Pintura Látex en muros exteriores                                                                                                                                                    | 1.269.92                                                                            | M2     |
| 03.03.02             | Pintura Látex en muros Interiores                                                                                                                                                    | 1.589.76                                                                            | M2     |
| 03.03.03             | Pintura Látex en Columnas                                                                                                                                                            | 2.206.67                                                                            | M2     |
| 03.03.04             | Pintura Látex en Cielo Raso                                                                                                                                                          | 1.793.50                                                                            | M2     |
| 03.03.05             | Pintura Látex en Vigas                                                                                                                                                               | 1.066.85                                                                            | M2     |
| 03.03.06             | Pintura Látex en derames                                                                                                                                                             | 943.82                                                                              | ML     |
| <b>03.04</b>         | <b>PISOS Y PAVIMENTOS</b>                                                                                                                                                            |                                                                                     |        |
| 03.04.01             | CONTRAPISO C:A PROP. 1:4, e=5cm, ACABADO PULIDO EN TECHO                                                                                                                             | 110.76                                                                              | M2     |
| 03.04.02             | Contrapiso C:A Prop 1:4 e=5 cm                                                                                                                                                       | 1.691.18                                                                            | M2     |
| 03.04.03             | Piso Porcelanato 60x60 cm antideslizante, Alto Transito                                                                                                                              | 1.580.70                                                                            | M2     |
| 03.04.04             | Enchape Porcelanato 60x60cm                                                                                                                                                          | 15.65                                                                               | M2     |
| 03.04.05             | Corte en Falso Piso                                                                                                                                                                  | 87.91                                                                               | ML     |
| 03.04.06             | Corte en Contra Piso                                                                                                                                                                 | 387.63                                                                              | ML     |
| 03.04.07             | Piso de Cemento Frotachado Fino, contrapiso C.A prop. 1:4, acabado frotachado fino e=5cm                                                                                             | 17.72                                                                               | M2     |
| 03.04.08             | Concreto en Rampas FC=175KG/CM2 e=10Cm, Acabado Frotachado fino y Bruñado                                                                                                            | 9.00                                                                                | M2     |
| 03.04.09             | Patio de formacion de C* F'C= 210 KG/CM2, e= 0.20m inc. encofrado y desencofrado, acabado frotachado fino                                                                            | 142.16                                                                              | M2     |
| 03.04.10             | Concreto en veredas FC=175KG/CM2 e=10Cm, Acabado Frotachado fino y Bruñado                                                                                                           | 51.44                                                                               | M2     |
| <b>03.05</b>         | <b>ZÓCALOS Y CONTRAZÓCALOS</b>                                                                                                                                                       |                                                                                     |        |
| 03.05.01             | Zócalo de Porcelanato 60x60cm                                                                                                                                                        | 328.32                                                                              | M2     |
| 03.05.02             | Contra Zócalo de porcelanato h=0.10m.                                                                                                                                                | 991.91                                                                              | ML     |
| 03.05.03             | Contra Zócalo de Cemento H=0.30m e=1.5Cm. Acabado Pulido                                                                                                                             | 116.63                                                                              | ML     |
| <b>03.06</b>         | <b>CARPINTERIA DE MADERA</b>                                                                                                                                                         |                                                                                     |        |
| 03.06.01             | Suministro y colocación de Puertas de Madera Cedra Machihembrada con visor de vidrio e=6mm, con Lamina de Seguridad y cerradura                                                      | 61.62                                                                               | M2     |
| 03.06.02             | Suministro y colocación de Puertas de Madera Contraplacada según diseño                                                                                                              | 56.55                                                                               | M2     |
| 03.06.03             | Divisiones de melamine resistente a la humedad tipo RH Sanitario con puerta, según diseño, incluye accesorios metálicos                                                              | 125.12                                                                              | M2     |
| 03.06.04             | Divisiones de melamine resistente a la humedad tipo RH Sanitario en Urinario, incluye accesorios metálicos                                                                           | 1.08                                                                                | M2     |
| <b>03.07</b>         | <b>CARPINTERIA METALICA</b>                                                                                                                                                          |                                                                                     |        |
| 03.07.01             | Suministro y colocación de Ventana enmarcada en Aluminio y vidrio Laminado de 6mm, Inc. Accesorios, según diseño                                                                     | 340.60                                                                              | M2     |
| 03.07.02             | Suministro y colocación de Tapa juntas metálica de 4" para Muros y cielo Raso con PL de Acero Galvanizado de 3mm                                                                     | 199.13                                                                              | ML     |
| 03.07.03             | Suministro y colocación de Tapa juntas de 4" para pisos con PL Acero Galvanizado de 3mm                                                                                              | 38.76                                                                               | ML     |
| 03.07.04             | Suministro y colocación de puerta Metálica con Rejilla (01 hoja ) 2.20x1.20m                                                                                                         | 1.00                                                                                | UND    |
| 03.07.05             | Suministro y colocación de Reja Metálica en ingreso principal (3.00X3.85m)                                                                                                           | 1.00                                                                                | UNID   |
| 03.07.06             | Instalación de Soporte de Tubo Rectangular 3" x 2" x 1.8 mm                                                                                                                          | 41.80                                                                               | ML     |
| 03.07.07             | Instalación de Vigas de Tubo Rectangular 2 1/4" x 1.5" x 1.5 mm                                                                                                                      | 132.08                                                                              | ML     |
| 03.07.08             | Instalación de Correas de Tubo Rectangular 2" x 4" x 1.8 mm                                                                                                                          | 338.00                                                                              | ML     |
| 03.07.09             | Instalación de Tubo circular de hierro negro Ø 4" x 3.00 mm h=2.75m                                                                                                                  | 118.25                                                                              | ML     |
| 03.07.10             | Sumin. e instalación de Barandas de acero inoxidable para Discapitados L=0.90m.                                                                                                      | 10.00                                                                               | UNID   |
| 03.07.11             | Suministro y colocación Pasamanos de acero inox Ø 1 1/2" Según Diseño escalera                                                                                                       | 79.82                                                                               | ML     |
| 03.07.12             | Suministro y colocación de Asta de Bandera                                                                                                                                           | 2.00                                                                                | UNID   |
| 03.07.13             | Suministro y Colocación de Barandas Metálicas de Acero Inoxidable con Tubo de D= 2" H=0.90M                                                                                          | 8.00                                                                                | ML     |
| 03.07.14             | Tapa metálica de plancha de Acero Inoxidable 3/16" (0.60x0.60m) Inc. accesorios de cerrajería                                                                                        | 1.00                                                                                | UNID   |
| <b>03.08</b>         | <b>MURO CORTINA Y MAMPARAS</b>                                                                                                                                                       |                                                                                     |        |
| 03.08.01             | Suministro e instalación de Muros Cortina de vidrio templado e: 8mm inc. Accesorios - incluye mampara                                                                                | 7.65                                                                                | M2     |
| <b>03.09</b>         | <b>CERRAJERIA</b>                                                                                                                                                                    |                                                                                     |        |
| 03.09.01             | Suministro y colocación de bisagra aluminizada de 4"                                                                                                                                 | 108.00                                                                              | UNID   |
| 03.09.02             | Suministro y colocación de Cerrojo aluminizado de 2" Inc. manija                                                                                                                     | 36.00                                                                               | UNID   |

| PLANILLA DE METRADOS |                                                                                                                                                                                      |  |        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
| PROYECTO             | MEJORAMIENTO Y AMPLIACIÓN DEL SERVICIO EDUCATIVO DEL NIVEL PRIMARIA DE LA I.E. 009 ZOILA DELGADO DE QUINTANA EN EL DISTRITO DE TUMBES, PROVINCIA DE TUMBES Y DEPARTAMENTO DE TUMBES. |                                                                                     |        |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                      |                                                                                     |        |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                          |                                                                                     |        |
| LUGAR                | TUMBES - TUMBES - TUMBES                                                                                                                                                             |                                                                                     |        |
| Partida              | Especificaciones                                                                                                                                                                     | Total                                                                               | Unidad |
| <b>03.10</b>         | <b>OTROS</b>                                                                                                                                                                         |                                                                                     |        |
| 03.10.01             | Suministro e instalación de TR4 e=0.30mm                                                                                                                                             | 328.51                                                                              | M2     |
| 03.10.02             | Sellado de Junta de Dilatación con Espuma de Poliuretano y Sellador Elastomérico e=1"                                                                                                | 570.65                                                                              | ML     |
| 03.10.03             | Bruñas e=1Cm. En Muros Exteriores e Interiores                                                                                                                                       | 2,889.29                                                                            | ML     |
| 03.10.04             | Suministro y Colocación de Letras de Acero Inoxidable Satinado                                                                                                                       | 27.00                                                                               | UND    |
| 03.10.05             | Suministro y Colocación de Insignia metálica de Acero Inoxidable Satinado                                                                                                            | 1.00                                                                                | UND    |
| 03.10.06             | Suministro y colocación de Tachos para basura de 3 depósitos inc. Accesorios de anclaje                                                                                              | 3.00                                                                                | UND    |
| 03.10.07             | Suministro y colocación de Grass natural                                                                                                                                             | 91.82                                                                               | M2     |
| 03.10.08             | Suministro y colocación de Tierra de Cultivo h=0.20m                                                                                                                                 | 91.82                                                                               | M3     |
| 03.10.09             | Suministro y colocación de piso podo táctil de 0.30x0.30 en rampa                                                                                                                    | 2.51                                                                                | M2     |
| 03.10.10             | Media caña de Concreto para evacuación pluvial en coberturas. Con Aditivo Impermeabilizante                                                                                          | 66.06                                                                               | ML     |
| 03.10.11             | Sembrado de Arbustos                                                                                                                                                                 | 5.00                                                                                | UND    |
| 03.10.12             | Marcación de patio de formación                                                                                                                                                      | 1.00                                                                                | GLB    |
| <b>03.10.13</b>      | <b>SEÑALES INFORMATIVAS DE SEGURIDAD</b>                                                                                                                                             |                                                                                     |        |
| 03.10.13.01          | Suministro y colocación de señalización adosada a pared de 0.20x0.30m                                                                                                                | 104.00                                                                              | UND    |
| 03.10.13.02          | Suministro y colocación de señalización adosada a pared de 0.30x0.40m                                                                                                                | 32.00                                                                               | UND    |
| 03.10.13.03          | Suministro y colocación de Extintores                                                                                                                                                | 8.00                                                                                | UND    |
| <b>03.10.14</b>      | <b>MESAS Y MESADAS DE CONCRETO</b>                                                                                                                                                   |                                                                                     |        |
| 03.10.14.01          | Concreto FC=175KG/CM2 para Mesas, Bancas, Mesadas, Jardineras                                                                                                                        | 3.88                                                                                | M3     |
| 03.10.14.02          | Acero fy=4,200 kg/cm2, para Mesas, Bancas, Jardineras, Mesadas                                                                                                                       | 190.42                                                                              | Kg     |
| 03.10.14.03          | Encofrado y Desencofrado de mesas, Bancas de concreto, Mesadas, Jardineras                                                                                                           | 56.66                                                                               | M2     |
| <b>03.10.15</b>      | <b>JUNTAS DE DILATACIÓN &amp; SARDINELES</b>                                                                                                                                         |                                                                                     |        |
| 03.10.15.01          | Corte y Sellado de Juntas de Contracción e=6mm                                                                                                                                       | 34.20                                                                               | ML     |
| 03.10.15.02          | Sardinel 0.20x0.50 FC=175KG/CM2. Inc Encofrado y Desencofrado                                                                                                                        | 52.14                                                                               | ML     |

  
 Miguel Ángel Quevedo Medina  
 ARQUITECTO  
 CAP. 17206



| PLANILLA DE METRADOS     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|---------------|
| PROYECTO                 | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |               |
| ESPECIALIDAD             | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |               |
| ENTIDAD                  | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |               |
| LUGAR                    | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |               |
| PARTIDA                  | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          |      | TOTAL   | UNID          |
|                          |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA |         |               |
| 03.01                    | MUROS Y TABIQUES                                                                                                                                                                                         |          |         |       |        |          |      |         |               |
| 03.01.01                 | Muro de Ladrillo Tipo IV (12.5X9X23) Aparejo de Soga                                                                                                                                                     |          |         |       |        |          |      | 1300.20 | m2            |
| <b>MÓDULO 01</b>         |                                                                                                                                                                                                          |          |         |       |        |          |      |         | <b>431.00</b> |
| <b>1ER NIVEL</b>         |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |
|                          | Aula 1° & 2° grado                                                                                                                                                                                       | 1        | 3.20    |       | 2.82   |          | 9.04 | 9.04    | m2            |
|                          | muro en ventana baja                                                                                                                                                                                     | 2        | 2.56    |       | 0.95   |          | 2.43 | 4.87    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.60    |       | 0.95   |          | 2.47 | 2.47    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.95    |       | 0.95   |          | 2.80 | 2.80    | m2            |
|                          |                                                                                                                                                                                                          | 2        | 2.56    |       | 0.95   |          | 2.43 | 4.87    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 3.20    |       | 2.82   |          | 9.02 | 9.02    | m2            |
|                          | muro en ventana alta                                                                                                                                                                                     | 1        | 2.56    |       | 1.65   |          | 4.23 | 4.23    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.14    |       | 1.65   |          | 1.88 | 1.88    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.52    |       | 1.65   |          | 2.51 | 2.51    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.60    |       | 1.65   |          | 4.29 | 4.29    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.14    |       | 1.65   |          | 1.88 | 1.88    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.56    |       | 1.65   |          | 4.23 | 4.23    | m2            |
|                          |                                                                                                                                                                                                          | 4        | 3.07    |       | 2.82   |          | 8.67 | 34.68   | m2            |
| <b>2DO NIVEL</b>         |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |
|                          | Aula 3° & 4° grado                                                                                                                                                                                       | 1        | 3.20    |       | 2.92   |          | 9.34 | 9.34    | m2            |
|                          | muro en ventana baja                                                                                                                                                                                     | 2        | 2.56    |       | 1.05   |          | 2.69 | 5.38    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.60    |       | 1.05   |          | 2.73 | 2.73    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.95    |       | 1.05   |          | 3.09 | 3.09    | m2            |
|                          |                                                                                                                                                                                                          | 2        | 2.56    |       | 1.05   |          | 2.69 | 5.38    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 3.20    |       | 2.92   |          | 9.34 | 9.34    | m2            |
|                          | muro en ventana alta                                                                                                                                                                                     | 1        | 2.56    |       | 1.75   |          | 4.48 | 4.48    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.14    |       | 1.75   |          | 1.99 | 1.99    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.53    |       | 1.75   |          | 2.67 | 2.67    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.60    |       | 1.75   |          | 4.55 | 4.55    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.14    |       | 1.75   |          | 1.99 | 1.99    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.56    |       | 1.75   |          | 4.48 | 4.48    | m2            |
|                          | parapeto                                                                                                                                                                                                 | 4        | 3.07    |       | 2.92   |          | 8.96 | 35.86   | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.30    |       | 1.00   |          | 1.30 | 1.30    | m2            |
|                          |                                                                                                                                                                                                          | 3        | 1.90    |       | 1.00   |          | 1.90 | 5.70    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.61    |       | 1.00   |          | 1.61 | 1.61    | m2            |
| <b>3ER NIVEL</b>         |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |
|                          | Aula 5° & 6° grado                                                                                                                                                                                       | 1        | 3.20    |       | 2.92   |          | 9.34 | 9.34    | m2            |
|                          | muro en ventana baja                                                                                                                                                                                     | 2        | 2.56    |       | 1.05   |          | 2.69 | 5.38    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.60    |       | 1.05   |          | 2.73 | 2.73    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.95    |       | 1.05   |          | 3.09 | 3.09    | m2            |
|                          |                                                                                                                                                                                                          | 2        | 2.56    |       | 1.05   |          | 2.69 | 5.38    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 3.20    |       | 2.92   |          | 9.34 | 9.34    | m2            |
|                          | muro en ventana alta                                                                                                                                                                                     | 1        | 2.56    |       | 1.75   |          | 4.48 | 4.48    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.14    |       | 1.75   |          | 1.99 | 1.99    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.53    |       | 1.75   |          | 2.67 | 2.67    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.60    |       | 1.75   |          | 4.55 | 4.55    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.14    |       | 1.75   |          | 1.99 | 1.99    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.56    |       | 1.75   |          | 4.48 | 4.48    | m2            |
|                          | parapeto                                                                                                                                                                                                 | 4        | 3.07    |       | 2.92   |          | 8.96 | 35.86   | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.30    |       | 1.00   |          | 1.30 | 1.30    | m2            |
|                          |                                                                                                                                                                                                          | 3        | 1.90    |       | 1.00   |          | 1.90 | 5.70    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.61    |       | 1.00   |          | 1.61 | 1.61    | m2            |
| <b>4TO NIVEL</b>         |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |
|                          | S.U.M                                                                                                                                                                                                    | 1        | 3.20    |       | 2.92   |          | 9.34 | 9.34    | m2            |
|                          | muro en ventana baja                                                                                                                                                                                     | 2        | 2.06    |       | 1.05   |          | 2.16 | 4.33    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.45    |       | 1.05   |          | 2.57 | 2.57    | m2            |
|                          | muro en ventana alta                                                                                                                                                                                     | 1        | 0.88    |       | 3.17   |          | 2.79 | 2.79    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.06    |       | 1.75   |          | 3.61 | 3.61    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.45    |       | 1.75   |          | 4.29 | 4.29    | m2            |
|                          |                                                                                                                                                                                                          | 2        | 3.07    |       | 2.92   |          | 8.96 | 17.93   | m2            |
|                          | AIP                                                                                                                                                                                                      | 1        | 0.93    |       | 3.17   |          | 2.94 | 2.94    | m2            |
|                          |                                                                                                                                                                                                          | 2        | 2.06    |       | 3.17   |          | 6.53 | 13.06   | m2            |
|                          |                                                                                                                                                                                                          | 1        | 3.20    |       | 2.92   |          | 9.34 | 9.34    | m2            |
|                          | muro en ventana baja                                                                                                                                                                                     | 2        | 2.06    |       | 1.05   |          | 2.16 | 4.33    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.45    |       | 1.05   |          | 2.57 | 2.57    | m2            |
|                          | parapeto                                                                                                                                                                                                 | 3        | 1.90    |       | 1.00   |          | 1.90 | 5.70    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.61    |       | 1.00   |          | 1.61 | 1.61    | m2            |
| <b>PARAPETO - AZOTEA</b> |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |
|                          |                                                                                                                                                                                                          | 1        | 2.05    |       | 1.00   |          | 2.05 | 2.05    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.70    |       | 1.00   |          | 2.70 | 2.70    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.77    |       | 1.00   |          | 1.77 | 1.77    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.00    |       | 1.00   |          | 2.00 | 2.00    | m2            |
|                          |                                                                                                                                                                                                          | 7        | 2.80    |       | 1.00   |          | 2.80 | 19.60   | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.30    |       | 1.00   |          | 2.30 | 2.30    | m2            |
|                          |                                                                                                                                                                                                          | 2        | 2.52    |       | 1.00   |          | 2.52 | 5.04    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 2.13    |       | 1.00   |          | 2.13 | 2.13    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 0.96    |       | 1.00   |          | 0.96 | 0.96    | m2            |
|                          |                                                                                                                                                                                                          | 1        | 1.48    |       | 1.00   |          | 1.48 | 1.48    | m2            |

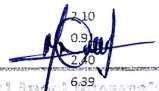


PLANILLA DE METRADOS

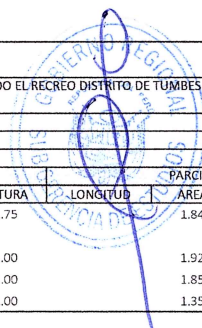
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| "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREGO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |                                |          |         |       |        |          |       |         |       |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------|---------|-------|--------|----------|-------|---------|-------|------|
| PROYECTO                                                                                                                                                                                                  |                                |          |         |       |        |          |       |         |       |      |
| ESPECIALIDAD                                                                                                                                                                                              | 03 ARQUITECTURA                |          |         |       |        |          |       |         |       |      |
| ENTIDAD                                                                                                                                                                                                   | GOBIERNO REGIONAL DE TUMBES    |          |         |       |        |          |       |         |       |      |
| LUGAR                                                                                                                                                                                                     | ZARUMILLA - ZARUMILLA - TUMBES |          |         |       |        |          |       |         |       |      |
| PARTIDA                                                                                                                                                                                                   | ESPECIFICACIONES               | N° VECES | MEDIDAS |       |        | PARCIAL  |       |         | TOTAL | UNID |
|                                                                                                                                                                                                           |                                |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA  | VOLUMEN |       |      |
|                                                                                                                                                                                                           |                                | 1        | 2.24    |       | 1.00   |          | 2.24  |         | 2.24  | m2   |
|                                                                                                                                                                                                           |                                | 3        | 2.17    |       | 1.00   |          | 2.17  |         | 6.51  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 2.99    |       | 1.00   |          | 2.99  |         | 5.98  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.76    |       | 1.00   |          | 2.76  |         | 2.76  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.51    |       | 1.00   |          | 2.51  |         | 2.51  | m2   |
| <b>347.72</b>                                                                                                                                                                                             |                                |          |         |       |        |          |       |         |       |      |
| <b>MÓDULO 02</b>                                                                                                                                                                                          |                                |          |         |       |        |          |       |         |       |      |
| <b>1ER NIVEL</b>                                                                                                                                                                                          |                                |          |         |       |        |          |       |         |       |      |
| <b>AULA</b>                                                                                                                                                                                               |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana baja           | 2        | 2.03    |       | 2.87   |          | 5.81  |         | 11.62 | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.70    |       | 0.95   |          | 1.62  |         | 1.62  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.40    |       | 0.95   |          | 1.33  |         | 2.66  | m2   |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 0.52    |       | 1.65   |          | 0.86  |         | 0.86  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.37    |       | 1.65   |          | 2.26  |         | 4.52  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.15    |       | 2.87   |          | 6.17  |         | 6.17  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 2.87   |          | 7.89  |         | 7.89  | m2   |
| <b>SHL</b>                                                                                                                                                                                                |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 1.82    |       | 1.65   |          | 3.00  |         | 3.00  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.52    |       | 1.65   |          | 0.86  |         | 0.86  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.40    |       | 1.65   |          | 2.31  |         | 2.31  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.30    |       | 1.65   |          | 2.15  |         | 2.15  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.77    |       | 1.65   |          | 1.27  |         | 1.27  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 3.27   |          | 8.99  |         | 8.99  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 3.00    |       | 3.27   |          | 9.81  |         | 9.81  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.05    |       | 1.65   |          | 1.73  |         | 3.47  | m2   |
| <b>2DO NIVEL</b>                                                                                                                                                                                          |                                |          |         |       |        |          |       |         |       |      |
| <b>AULA</b>                                                                                                                                                                                               |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana baja           | 2        | 2.03    |       | 2.97   |          | 6.01  |         | 12.03 | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.70    |       | 1.05   |          | 1.79  |         | 1.79  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.40    |       | 1.05   |          | 1.47  |         | 2.94  | m2   |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 0.52    |       | 1.75   |          | 0.91  |         | 0.91  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.37    |       | 1.75   |          | 2.40  |         | 4.80  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.15    |       | 2.97   |          | 6.39  |         | 6.39  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 2.97   |          | 8.17  |         | 8.17  | m2   |
| <b>SHL</b>                                                                                                                                                                                                |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 1.87    |       | 1.75   |          | 3.19  |         | 3.19  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.52    |       | 1.75   |          | 0.91  |         | 0.91  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.40    |       | 1.75   |          | 2.45  |         | 2.45  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.30    |       | 1.75   |          | 2.28  |         | 2.28  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.77    |       | 1.75   |          | 1.35  |         | 1.35  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 3.37   |          | 9.27  |         | 9.27  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 3.00    |       | 3.37   |          | 10.11 |         | 10.11 | m2   |
|                                                                                                                                                                                                           | parapeto                       | 2        | 1.05    |       | 1.75   |          | 1.84  |         | 3.68  | m2   |
|                                                                                                                                                                                                           |                                | 5        | 1.92    |       | 1.00   |          | 1.92  |         | 9.60  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.85    |       | 1.00   |          | 1.85  |         | 1.85  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.35    |       | 1.00   |          | 1.35  |         | 1.35  | m2   |
| <b>3ER NIVEL</b>                                                                                                                                                                                          |                                |          |         |       |        |          |       |         |       |      |
| <b>AULA</b>                                                                                                                                                                                               |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana baja           | 2        | 2.03    |       | 2.97   |          | 6.01  |         | 12.03 | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.70    |       | 1.05   |          | 1.79  |         | 1.79  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.40    |       | 1.05   |          | 1.47  |         | 2.94  | m2   |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 0.52    |       | 1.75   |          | 0.91  |         | 0.91  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.37    |       | 1.75   |          | 2.40  |         | 4.80  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.15    |       | 2.97   |          | 6.39  |         | 6.39  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 2.97   |          | 8.17  |         | 8.17  | m2   |
| <b>SHL</b>                                                                                                                                                                                                |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 1.82    |       | 1.75   |          | 3.19  |         | 3.19  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.52    |       | 1.75   |          | 0.91  |         | 0.91  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.40    |       | 1.75   |          | 2.45  |         | 2.45  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.30    |       | 1.75   |          | 2.28  |         | 2.28  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.77    |       | 1.75   |          | 1.35  |         | 1.35  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 3.37   |          | 9.27  |         | 9.27  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 3.00    |       | 3.37   |          | 10.11 |         | 10.11 | m2   |
|                                                                                                                                                                                                           | parapeto                       | 2        | 1.05    |       | 1.75   |          | 1.84  |         | 3.68  | m2   |
|                                                                                                                                                                                                           |                                | 5        | 1.92    |       | 1.00   |          | 1.92  |         | 9.60  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.85    |       | 1.00   |          | 1.85  |         | 1.85  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.35    |       | 1.00   |          | 1.35  |         | 1.35  | m2   |
| <b>4TO NIVEL</b>                                                                                                                                                                                          |                                |          |         |       |        |          |       |         |       |      |
| <b>BIBLIOTECA</b>                                                                                                                                                                                         |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana baja           | 1        | 1.20    |       | 1.05   |          | 1.26  |         | 1.26  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.70    |       | 1.05   |          | 1.79  |         | 1.79  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.40    |       | 1.05   |          | 1.47  |         | 2.94  | m2   |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 1.20    |       | 1.75   |          | 2.10  |         | 2.10  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.52    |       | 1.75   |          | 0.91  |         | 0.91  | m2   |
|                                                                                                                                                                                                           |                                | 2        | 1.37    |       | 1.75   |          | 2.40  |         | 4.80  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.15    |       | 2.97   |          | 6.39  |         | 6.39  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 2.97   |          | 8.17  |         | 8.17  | m2   |
| <b>SHL</b>                                                                                                                                                                                                |                                |          |         |       |        |          |       |         |       |      |
|                                                                                                                                                                                                           | muro en ventana alta           | 1        | 1.82    |       | 1.75   |          | 3.19  |         | 3.19  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.52    |       | 1.75   |          | 0.91  |         | 0.91  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.40    |       | 1.75   |          | 2.45  |         | 2.45  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 1.30    |       | 1.75   |          | 2.28  |         | 2.28  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 0.77    |       | 1.75   |          | 1.35  |         | 1.35  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 2.75    |       | 3.37   |          | 9.27  |         | 9.27  | m2   |
|                                                                                                                                                                                                           |                                | 1        | 3.00    |       | 3.37   |          | 10.11 |         | 10.11 | m2   |


  
**ARQUITECTO**  
 CAP. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|---------------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |               |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |               |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |               |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          |      |         | TOTAL         | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |               |      |
|                      | parapeto                                                                                                                                                                                                 | 2        | 1.05    |       | 1.75   |          |      | 1.84    | 3.68          | m2   |
|                      |                                                                                                                                                                                                          | 5        | 1.92    |       | 1.00   |          |      | 1.92    | 9.60          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 1.00   |          |      | 1.85    | 1.85          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.35    |       | 1.00   |          |      | 1.35    | 1.35          | m2   |
|                      | PARAPETO - AZOTEA                                                                                                                                                                                        |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 3        | 2.45    |       | 1.00   |          |      | 2.45    | 7.35          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 0.97    |       | 1.00   |          |      | 0.97    | 0.97          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.30    |       | 1.00   |          |      | 2.30    | 2.30          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.97    |       | 1.00   |          |      | 1.97    | 1.97          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.53    |       | 1.00   |          |      | 2.53    | 2.53          | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.52    |       | 1.00   |          |      | 2.52    | 5.04          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 1.00   |          |      | 1.85    | 1.85          | m2   |
|                      |                                                                                                                                                                                                          | 5        | 1.92    |       | 1.00   |          |      | 1.92    | 9.60          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.90    |       | 1.00   |          |      | 1.90    | 1.90          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.18    |       | 1.00   |          |      | 2.18    | 2.18          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.17    |       | 1.00   |          |      | 2.17    | 2.17          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.24    |       | 1.00   |          |      | 2.24    | 2.24          | m2   |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |      |         | <b>275.61</b> |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |               |      |
|                      | <u>ALMACEN</u>                                                                                                                                                                                           |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        | 1.45    |       | 1.65   |          |      | 2.39    | 2.39          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.40    |       | 2.87   |          |      | 6.89    | 6.89          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       | 1.65   |          |      | 0.78    | 0.78          | m2   |
|                      | en escalera                                                                                                                                                                                              | 2        | 1.92    |       | 2.87   |          |      | 5.51    | 11.02         | m2   |
|                      |                                                                                                                                                                                                          | 2        | 1.56    |       | 1.02   |          |      | 1.59    | 3.18          | m2   |
|                      |                                                                                                                                                                                                          | 2        | 1.51    |       | 1.02   |          |      | 1.54    | 3.08          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 2.87   |          |      | 6.03    | 6.03          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.17    |       | 2.87   |          |      | 3.36    | 3.36          | m2   |
|                      | SH. DISCAP.                                                                                                                                                                                              |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       | 1.02   |          |      | 0.53    | 0.53          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 3.27   |          |      | 6.54    | 6.54          | m2   |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |               |      |
|                      | <u>DIRECCIÓN</u>                                                                                                                                                                                         |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        | 1.45    |       | 1.75   |          |      | 2.54    | 2.54          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.40    |       | 2.97   |          |      | 7.13    | 7.13          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       | 1.75   |          |      | 0.82    | 0.82          | m2   |
|                      | en escalera                                                                                                                                                                                              | 2        | 1.92    |       | 2.97   |          |      | 5.70    | 11.40         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.56    |       | 1.02   |          |      | 1.59    | 1.59          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.51    |       | 1.02   |          |      | 1.54    | 1.54          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 2.97   |          |      | 6.24    | 6.24          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.17    |       | 2.97   |          |      | 3.47    | 3.47          | m2   |
|                      | SH. DISCAP.                                                                                                                                                                                              |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       | 1.12   |          |      | 0.58    | 0.58          | m2   |
|                      | parapeto                                                                                                                                                                                                 | 1        | 2.00    |       | 3.37   |          |      | 6.74    | 6.74          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.17    |       | 1      |          |      | 2.17    | 2.17          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.52    |       | 1      |          |      | 2.52    | 2.52          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.31    |       | 1      |          |      | 2.31    | 2.31          | m2   |
|                      |                                                                                                                                                                                                          | 3        | 2.02    |       | 1      |          |      | 2.02    | 6.06          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.35    |       | 1      |          |      | 1.35    | 1.35          | m2   |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |               |      |
|                      | <u>DIRECCIÓN</u>                                                                                                                                                                                         |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        | 1.45    |       | 1.75   |          |      | 2.54    | 2.54          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.40    |       | 2.97   |          |      | 7.13    | 7.13          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       | 1.75   |          |      | 0.82    | 0.82          | m2   |
|                      | en escalera                                                                                                                                                                                              | 2        | 1.92    |       | 2.97   |          |      | 5.70    | 11.40         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.56    |       | 1.02   |          |      | 1.59    | 1.59          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.51    |       | 1.02   |          |      | 1.54    | 1.54          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 2.97   |          |      | 6.24    | 6.24          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.17    |       | 2.97   |          |      | 3.47    | 3.47          | m2   |
|                      | SH. DISCAP.                                                                                                                                                                                              |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       | 1.12   |          |      | 0.58    | 0.58          | m2   |
|                      | parapeto                                                                                                                                                                                                 | 1        | 2.00    |       | 3.37   |          |      | 6.74    | 6.74          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.17    |       | 1      |          |      | 2.17    | 2.17          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.52    |       | 1      |          |      | 2.52    | 2.52          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.31    |       | 1      |          |      | 2.31    | 2.31          | m2   |
|                      |                                                                                                                                                                                                          | 3        | 2.02    |       | 1      |          |      | 2.02    | 6.06          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.35    |       | 1      |          |      | 1.35    | 1.35          | m2   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |               |      |
|                      | <u>DIRECCIÓN</u>                                                                                                                                                                                         |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        | 1.45    |       | 1.75   |          |      | 2.54    | 2.54          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.40    |       | 2.97   |          |      | 7.13    | 7.13          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       | 1.75   |          |      | 0.82    | 0.82          | m2   |
|                      | en escalera                                                                                                                                                                                              | 2        | 1.92    |       | 2.97   |          |      | 5.70    | 11.40         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.56    |       | 1.02   |          |      | 1.59    | 1.59          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.51    |       | 1.02   |          |      | 1.54    | 1.54          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 2.97   |          |      | 6.24    | 6.24          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.17    |       | 2.97   |          |      | 3.47    | 3.47          | m2   |



Miguel Ángel Amoretti Medina  
 ARQUITECTO  
 CAP. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|-------------------------------------------------------------------------------------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |       |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |                                                                                     |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID                                                                                |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |                                                                                     |
|                      | SH. DISCAP.                                                                                                                                                                                              | 1        | 0.52    |       | 1.12   |          |      | 0.58    | 0.58  | m2                                                                                  |
|                      | parapeto                                                                                                                                                                                                 | 1        | 2.00    |       | 3.37   |          |      | 6.74    | 6.74  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.17    |       | 1      |          |      | 2.17    | 2.17  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.52    |       | 1      |          |      | 2.52    | 2.52  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.31    |       | 1      |          |      | 2.31    | 2.31  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 3        | 2.02    |       | 1      |          |      | 2.02    | 6.06  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.35    |       | 1      |          |      | 1.35    | 1.35  | m2                                                                                  |
|                      | 5TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      |                                                                                                                                                                                                          | 1        | 1.56    |       | 1.92   |          |      | 3.00    | 3.00  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.51    |       | 1.92   |          |      | 2.90    | 2.90  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       | 1.92   |          |      | 1.00    | 1.00  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.15    |       | 1.92   |          |      | 4.13    | 4.13  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.84    |       | 1.92   |          |      | 3.53    | 3.53  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.28    |       | 1.92   |          |      | 4.38    | 4.38  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.72    |       | 1.92   |          |      | 1.38    | 1.38  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.72    |       | 1.92   |          |      | 3.30    | 3.30  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.82    |       | 1.92   |          |      | 1.57    | 1.57  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.92    |       | 1.92   |          |      | 3.69    | 7.37  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.25    |       | 0.33   |          |      | 1.73    | 1.73  | m2                                                                                  |
|                      | PARAPETO - AZOTEA                                                                                                                                                                                        |          |         |       |        |          |      |         |       |                                                                                     |
|                      |                                                                                                                                                                                                          | 1        | 1.37    |       | 1.00   |          |      | 1.37    | 1.37  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.27    |       | 1.00   |          |      | 1.27    | 1.27  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 2.17    |       | 1.00   |          |      | 2.17    | 4.34  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 2.52    |       | 1.00   |          |      | 2.52    | 5.04  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 2.13    |       | 1.00   |          |      | 2.13    | 4.26  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.08    |       | 1.00   |          |      | 2.08    | 2.08  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 3        | 2.80    |       | 1.00   |          |      | 2.80    | 8.40  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.35    |       | 1.00   |          |      | 1.35    | 1.35  | m2                                                                                  |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>23.83</b>                                                                        |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | INFORMES / SALA DE ESPERA                                                                                                                                                                                | 2        | 1.98    |       | 2.62   |          |      | 5.19    | 10.38 | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 2.62   |          |      | 5.24    | 5.24  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.98    |       | 1.65   |          |      | 3.27    | 6.53  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.02    |       | 1.65   |          |      | 1.68    | 1.68  | m2                                                                                  |
|                      | <b>PUENTE</b>                                                                                                                                                                                            |          |         |       |        |          |      |         |       | <b>53.97</b>                                                                        |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | CIRCCULACION                                                                                                                                                                                             | 2        | 1.25    |       | 2.62   |          |      | 3.28    | 6.55  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.23    |       | 2.62   |          |      | 3.22    | 3.22  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.98    |       | 1.65   |          |      | 3.27    | 6.53  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.02    |       | 1.65   |          |      | 1.68    | 1.68  | m2                                                                                  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | CIRCCULACION                                                                                                                                                                                             | 2        | 1.25    |       | 2.62   |          |      | 3.28    | 6.55  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.23    |       | 2.62   |          |      | 3.22    | 3.22  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.98    |       | 1.65   |          |      | 3.27    | 6.53  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.02    |       | 1.65   |          |      | 1.68    | 1.68  | m2                                                                                  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | CIRCCULACION                                                                                                                                                                                             | 2        | 1.25    |       | 2.62   |          |      | 3.28    | 6.55  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.23    |       | 2.62   |          |      | 3.22    | 3.22  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.98    |       | 1.65   |          |      | 3.27    | 6.53  | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.02    |       | 1.65   |          |      | 1.68    | 1.68  | m2                                                                                  |
|                      | <b>CERCO PERIMETRICO</b>                                                                                                                                                                                 |          |         |       |        |          |      |         |       | <b>222.05</b>                                                                       |
|                      |                                                                                                                                                                                                          | 4        | 3.50    |       | 2.65   |          |      | 37.10   |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.31    |       | 2.65   |          |      | 8.77    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 2.82    |       | 2.65   |          |      | 14.95   |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.93    |       | 2.65   |          |      | 5.11    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.54    |       | 2.65   |          |      | 6.73    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.82    |       | 2.65   |          |      | 4.82    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.32    |       | 2.65   |          |      | 8.80    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.03    |       | 2.65   |          |      | 8.03    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.10    |       | 2.65   |          |      | 8.22    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 8        | 3.00    |       | 2.65   |          |      | 63.60   |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.93    |       | 2.65   |          |      | 2.46    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.52    |       | 2.65   |          |      | 4.03    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 3.53    |       | 2.65   |          |      | 18.71   |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.30    |       | 2.65   |          |      | 6.10    |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 2.65   |          |      | 4.51    |       | m2                                                                                  |
|                      | PORTICO DE INGRESO                                                                                                                                                                                       | 4        | 2.26    |       | 2.03   |          |      | 18.35   |       | m2                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.45    |       | 0.72   |          |      | 1.76    |       | m2                                                                                  |
| 03.01.02             | Division de fibrocemento e: 6mm                                                                                                                                                                          |          |         |       |        |          |      |         | 22.15 | m2                                                                                  |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>22.15</b>                                                                        |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |

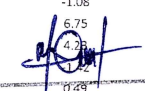
  
 Mónica Patricia Querevalá Meléndez  
 ARQUITECTO  
 CAP. 17206

| PLANILLA DE METRADOS      |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|---------|---------------|
| PROYECTO                  | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |         |               |
| ESPECIALIDAD              | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
| ENTIDAD                   | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |         |               |
| LUGAR                     | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |         |               |
| PARTIDA                   | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL   | UNID          |
|                           |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |         |               |
|                           | A.L.P.                                                                                                                                                                                                   | 1        | 1.88    |       | 2.40   |          |      | 4.512   |         | m2            |
|                           |                                                                                                                                                                                                          | 1        | 3.95    |       | 2.40   |          |      | 9.48    |         | m2            |
|                           | BIBLIOTECA                                                                                                                                                                                               | 1        | 1.9     |       | 2.40   |          |      | 4.56    |         | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.50    |       | 2.40   |          |      | 3.6     |         | m2            |
| 03.02                     | REVOQUES Y ENLUCIDOS                                                                                                                                                                                     |          |         |       |        |          |      |         |         |               |
| 03.02.01                  | Tarrajeo en Muros exteriores CA 1:4 e=1.5cm cemento tipo M5                                                                                                                                              |          |         |       |        |          |      |         | 1269.92 | m2            |
| <b>MÓDULO 01</b>          |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         | <b>356.11</b> |
| <b>1ER NIVEL</b>          |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
| LADO FRONTAL              |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.70   |          |      | 4.44    | 4.44    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.15   |          |      | 4.44    | 4.44    | m3            |
|                           | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |      | 1.68    | -1.68   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.70   |          |      | 4.51    | 4.51    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.80    |       | 3.15   |          |      | 5.67    | 5.67    | m2            |
|                           | descuento de ventana VA-3                                                                                                                                                                                | -1       | 1.55    |       | 1.45   |          |      | 2.25    | -2.25   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.15   |          |      | 4.44    | 4.44    | m2            |
|                           | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |      | 1.68    | -1.68   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.70   |          |      | 4.44    | 4.44    | m2            |
| LATERAL IZQUIERDO         |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 3.75    |       | 2.87   |          |      | 10.76   | 10.76   | m2            |
| LADO POSTERIOR            |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 4        | 2.61    |       | 1.00   |          |      | 2.61    | 10.44   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.00   |          |      | 2.65    | 2.65    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.00   |          |      | 3.00    | 3.00    | m2            |
| <b>2DO NIVEL</b>          |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
| LADO FRONTAL              |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |      | 4.96    | 4.96    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |      | 4.72    | 4.72    | m3            |
|                           | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |      | 1.68    | -1.68   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.90   |          |      | 5.04    | 5.04    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.80    |       | 3.35   |          |      | 6.03    | 6.03    | m2            |
|                           | descuento de ventana VA-3                                                                                                                                                                                | -1       | 1.55    |       | 1.45   |          |      | 2.25    | -2.25   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |      | 4.72    | 4.72    | m2            |
|                           | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |      | 1.68    | -1.68   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |      | 4.96    | 4.96    | m2            |
| LATERAL IZQUIERDO/DERECHO |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 2        | 3.75    |       | 3.17   |          |      | 11.89   | 23.78   | m2            |
| LADO POSTERIOR            |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 4        | 2.61    |       | 1.30   |          |      | 3.39    | 13.57   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.30   |          |      | 3.45    | 3.45    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.30   |          |      | 3.90    | 3.90    | m2            |
| PARAPETO - PASADIZO       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 1.70    |       | 1.20   |          |      | 2.04    | 2.04    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 8.31    |       | 1.20   |          |      | 9.97    | 9.97    | m2            |
| <b>3ER NIVEL</b>          |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
| LADO FRONTAL              |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |      | 4.96    | 4.96    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |      | 4.72    | 4.72    | m3            |
|                           | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |      | 1.68    | -1.68   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.90   |          |      | 5.04    | 5.04    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.80    |       | 3.35   |          |      | 6.03    | 6.03    | m2            |
|                           | descuento de ventana VA-3                                                                                                                                                                                | -1       | 1.55    |       | 1.45   |          |      | 2.25    | -2.25   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |      | 4.72    | 4.72    | m2            |
|                           | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |      | 1.68    | -1.68   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |      | 4.96    | 4.96    | m2            |
| LATERAL IZQUIERDO/DERECHO |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 2        | 3.75    |       | 3.17   |          |      | 11.89   | 23.78   | m2            |
| LADO POSTERIOR            |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 4        | 2.61    |       | 1.30   |          |      | 3.39    | 13.57   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.30   |          |      | 3.45    | 3.45    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.30   |          |      | 3.90    | 3.90    | m2            |
| PARAPETO - PASADIZO       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 1.70    |       | 1.20   |          |      | 2.04    | 2.04    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 8.31    |       | 1.20   |          |      | 9.97    | 9.97    | m2            |
| <b>4TO NIVEL</b>          |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
| LADO FRONTAL              |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 0.82    |       | 3.32   |          |      | 2.72    | 2.72    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.90   |          |      | 5.70    | 5.70    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.9    |          |      | 4.96    | 4.96    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.32   |          |      | 4.68    | 4.68    | m2            |
| LATERAL IZQUIERDO/DERECHO |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 2        | 3.75    |       | 3.17   |          |      | 11.89   | 23.78   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 1.70    |       | 1.30   |          |      | 2.21    | 2.21    | m2            |
| LADO POSTERIOR            |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 4        | 2.61    |       | 1.30   |          |      | 3.39    | 13.57   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.30   |          |      | 3.45    | 3.45    | m2            |
|                           |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.30   |          |      | 3.90    | 3.90    | m2            |
| PARAPETO - PASADIZO       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 1        | 8.31    |       | 1.20   |          |      | 9.97    | 9.97    | m2            |
| <b>PARAPETO - AZOTEA</b>  |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
| lado posterior            |                                                                                                                                                                                                          |          |         |       |        |          |      |         |         |               |
|                           |                                                                                                                                                                                                          | 2        | 9.20    |       | 1.20   |          |      | 11.04   | 22.08   | m2            |
|                           |                                                                                                                                                                                                          | 1        | 5.70    |       | 1.20   |          |      | 6.84    | 6.84    | m2            |



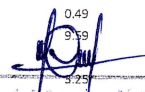
PLANILLA DE METRADOS

| PROYECTO            | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |              |         |       |      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|--------------|---------|-------|------|
| ESPECIALIDAD        | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
| ENTIDAD             | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |              |         |       |      |
| LUGAR               | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |              |         |       |      |
| PARTIDA             | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          |              |         | TOTAL | UNID |
|                     |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | PARCIAL AREA | VOLUMEN |       |      |
|                     | lateral derecho                                                                                                                                                                                          | 1        | 4.37    |       | 1.20   |          |              | 5.24    | 5.24  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 5.35    |       | 1.20   |          |              | 6.42    | 6.42  | m2   |
|                     | lado frontal                                                                                                                                                                                             | 1        | 6.10    |       | 1.20   |          |              | 7.32    | 7.32  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 6.30    |       | 1.20   |          |              | 7.56    | 7.56  | m2   |
|                     | lado izquierdo                                                                                                                                                                                           | 1        | 1.73    |       | 1.20   |          |              | 2.08    | 2.08  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.54    |       | 1.20   |          |              | 1.85    | 1.85  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 7.97    |       | 1.20   |          |              | 9.56    | 9.56  | m2   |
| <b>MÓDULO 02</b>    |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
| <b>1ER NIVEL</b>    |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
| LADO FRONTAL        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | descuento de ventana VA-6                                                                                                                                                                                | 1        | 1.05    |       | 3.05   |          |              | 3.20    | 3.20  | m2   |
|                     |                                                                                                                                                                                                          | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.70   |          |              | 6.04    | 6.04  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.30    |       | 3.05   |          |              | 3.97    | 3.97  | m2   |
|                     | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |              | -1.42   | -1.42 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 0.15    |       | 3.05   |          |              | 0.46    | 0.46  | m2   |
| LATERAL IZQUIERDO   |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | LADO POSTERIOR                                                                                                                                                                                           | 1        | 3.50    |       | 1.70   |          |              | 5.95    | 5.95  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.05    |       | 3.05   |          |              | 9.30    | 9.30  | m2   |
|                     | descuento de ventana VA-10                                                                                                                                                                               | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     | descuento de ventana VA-11                                                                                                                                                                               | -1       | 2.10    |       | 1.35   |          |              | -2.84   | -2.84 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.00   |          |              | 3.60    | 3.60  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.00   |          |              | 2.25    | 2.25  | m2   |
| LADO DERECHO        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     |                                                                                                                                                                                                          | 1        | 4.85    |       | 2.95   |          |              | 14.31   | 14.31 | m2   |
| <b>2DO NIVEL</b>    |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
| LADO FRONTAL        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | descuento de ventana VA-6                                                                                                                                                                                | 1        | 1.05    |       | 3.25   |          |              | 3.41    | 3.41  | m2   |
|                     |                                                                                                                                                                                                          | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.90   |          |              | 6.75    | 6.75  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.30    |       | 3.25   |          |              | 4.23    | 4.23  | m2   |
|                     | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |              | -1.42   | -1.42 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 0.15    |       | 3.25   |          |              | 0.49    | 0.49  | m2   |
| LATERAL IZQUIERDO   |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | LADO POSTERIOR                                                                                                                                                                                           | 1        | 3.50    |       | 2.00   |          |              | 7.00    | 7.00  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.05    |       | 3.35   |          |              | 10.22   | 10.22 | m2   |
|                     | descuento de ventana VA-10                                                                                                                                                                               | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     | descuento de ventana VA-11                                                                                                                                                                               | -1       | 2.10    |       | 1.35   |          |              | -2.84   | -2.84 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.30   |          |              | 4.68    | 4.68  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.30   |          |              | 2.93    | 2.93  | m2   |
| LADO DERECHO        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     |                                                                                                                                                                                                          | 1        | 4.85    |       | 3.15   |          |              | 15.28   | 15.28 | m2   |
| PARAPETO - PASADIZO |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     |                                                                                                                                                                                                          | 1        | 6.55    |       | 1.20   |          |              | 7.86    | 7.86  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 6.48    |       | 1.20   |          |              | 7.78    | 7.78  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.92    |       | 1.20   |          |              | 2.30    | 2.30  | m2   |
| <b>3ER NIVEL</b>    |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
| LADO FRONTAL        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | descuento de ventana VA-6                                                                                                                                                                                | 1        | 1.05    |       | 3.25   |          |              | 3.41    | 3.41  | m2   |
|                     |                                                                                                                                                                                                          | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.90   |          |              | 6.75    | 6.75  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.30    |       | 3.25   |          |              | 4.23    | 4.23  | m2   |
|                     | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |              | -1.42   | -1.42 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 0.15    |       | 3.25   |          |              | 0.49    | 0.49  | m2   |
| LATERAL IZQUIERDO   |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | LADO POSTERIOR                                                                                                                                                                                           | 1        | 3.50    |       | 2.00   |          |              | 7.00    | 7.00  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.05    |       | 3.35   |          |              | 10.22   | 10.22 | m2   |
|                     | descuento de ventana VA-10                                                                                                                                                                               | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     | descuento de ventana VA-11                                                                                                                                                                               | -1       | 2.10    |       | 1.35   |          |              | -2.84   | -2.84 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.30   |          |              | 4.68    | 4.68  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.30   |          |              | 2.93    | 2.93  | m2   |
| LADO DERECHO        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     |                                                                                                                                                                                                          | 1        | 4.85    |       | 3.15   |          |              | 15.28   | 15.28 | m2   |
| PARAPETO - PASADIZO |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     |                                                                                                                                                                                                          | 1        | 6.55    |       | 1.20   |          |              | 7.86    | 7.86  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 6.48    |       | 1.20   |          |              | 7.78    | 7.78  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.92    |       | 1.20   |          |              | 2.30    | 2.30  | m2   |
| <b>4TO NIVEL</b>    |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
| LADO FRONTAL        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | descuento de ventana VA-6                                                                                                                                                                                | 1        | 1.05    |       | 3.25   |          |              | 3.41    | 3.41  | m2   |
|                     |                                                                                                                                                                                                          | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.90   |          |              | 6.75    | 6.75  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.30    |       | 3.25   |          |              | 4.23    | 4.23  | m2   |
|                     | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |              | -1.42   | -1.42 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 0.15    |       | 3.25   |          |              | 0.49    | 0.49  | m2   |
| LATERAL IZQUIERDO   |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     | LADO POSTERIOR                                                                                                                                                                                           | 1        | 3.50    |       | 2.00   |          |              | 7.00    | 7.00  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.05    |       | 3.35   |          |              | 10.22   | 10.22 | m2   |
|                     | descuento de ventana VA-10                                                                                                                                                                               | -1       | 0.80    |       | 1.35   |          |              | -1.08   | -1.08 | m2   |
|                     | descuento de ventana VA-11                                                                                                                                                                               | -1       | 2.10    |       | 1.35   |          |              | -2.84   | -2.84 | m2   |
|                     |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.30   |          |              | 4.68    | 4.68  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.30   |          |              | 2.93    | 2.93  | m2   |
| LADO DERECHO        |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     |                                                                                                                                                                                                          | 1        | 4.85    |       | 3.15   |          |              | 15.28   | 15.28 | m2   |
| PARAPETO - PASADIZO |                                                                                                                                                                                                          |          |         |       |        |          |              |         |       |      |
|                     |                                                                                                                                                                                                          | 1        | 6.55    |       | 1.20   |          |              | 7.86    | 7.86  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 6.48    |       | 1.20   |          |              | 7.78    | 7.78  | m2   |
|                     |                                                                                                                                                                                                          | 1        | 1.92    |       | 1.20   |          |              | 2.30    | 2.30  | m2   |

  
 Miguel Ángel Querevaldo Medina  
 ARQUITECTO  
 C.O.A. 17206

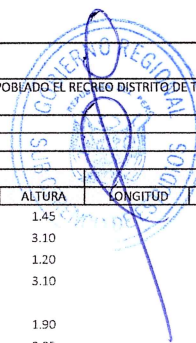


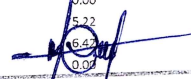
| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |       |         |       |               |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-------|---------|-------|---------------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |       |         |       |               |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |       |         |       |               |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |       |         |       |               |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |       |         |       |               |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |       |         | TOTAL | UNID          |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA  | VOLUMEN |       |               |
|                      | descuento de ventana VA-11                                                                                                                                                                               | -1       | 2.10    |       | 1.35   |          | -2.84 |         | -2.84 | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.30   |          | 4.68  |         | 4.68  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.30   |          | 2.93  |         | 2.93  | m2            |
|                      | LADO DERECHO                                                                                                                                                                                             |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 4.85    |       | 3.15   |          | 15.28 |         | 15.28 | m2            |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 6.55    |       | 1.20   |          | 7.86  |         | 7.86  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 6.48    |       | 1.20   |          | 7.78  |         | 7.78  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.92    |       | 1.20   |          | 2.30  |         | 2.30  | m2            |
|                      | PARAPETO - AZOTEA                                                                                                                                                                                        |          |         |       |        |          |       |         |       |               |
|                      | lado frontal                                                                                                                                                                                             | 1        | 6.60    |       | 1.20   |          | 7.92  |         | 7.92  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 6.48    |       | 1.20   |          | 7.78  |         | 7.78  | m2            |
|                      | lado izquierdo                                                                                                                                                                                           | 1        | 8.55    |       | 1.20   |          | 10.26 |         | 10.26 | m2            |
|                      | lado posterior                                                                                                                                                                                           | 1        | 4.90    |       | 1.20   |          | 5.88  |         | 5.88  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.55    |       | 1.20   |          | 1.86  |         | 1.86  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 8.15    |       | 1.20   |          | 9.78  |         | 9.78  | m2            |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       | <b>288.49</b> |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      | LADO POSTERIOR                                                                                                                                                                                           | 1        | 4.55    |       | 1.07   |          | 4.87  |         | 4.87  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.75    |       | 1.02   |          | 3.83  |         | 3.83  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 1.70   |          | 3.40  |         | 3.40  | m2            |
|                      | LADO IZQ. - DER,                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 0.15    |       | 2.95   |          | 0.44  |         | 0.44  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 2.95   |          | 8.70  |         | 8.70  | m2            |
|                      | LADO FRONTAL                                                                                                                                                                                             |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 2.95   |          | 2.95  |         | 2.95  | m2            |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  |         | -0.94 | m2            |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      | LADO POSTERIOR                                                                                                                                                                                           | 1        | 0.95    |       | 1.37   |          | 1.30  |         | 1.30  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.75    |       | 1.32   |          | 4.95  |         | 4.95  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 2.00   |          | 4.00  |         | 4.00  | m2            |
|                      | LADO IZQ. - DER,                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 0.15    |       | 3.25   |          | 0.49  |         | 0.49  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 3.25   |          | 9.59  |         | 9.59  | m2            |
|                      | LADO FRONTAL                                                                                                                                                                                             |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 3.25   |          | 3.25  |         | 3.25  | m2            |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  |         | -0.94 | m2            |
|                      | Parapeto                                                                                                                                                                                                 |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 7.80    |       | 1.2    |          | 9.36  |         | 9.36  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 7.95    |       | 1.2    |          | 9.54  |         | 9.54  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 7.80    |       | 0.15   |          | 1.17  |         | 1.17  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 13.85   |       | 1.2    |          | 16.62 |         | 16.62 | m2            |
|                      |                                                                                                                                                                                                          | 1        | 6.85    |       | 0.15   |          | 1.03  |         | 1.03  | m2            |
|                      |                                                                                                                                                                                                          | 2        | 1.75    |       | 1.2    |          | 2.10  |         | 4.20  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.75    |       | 0.15   |          | 0.26  |         | 0.26  | m2            |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      | LADO POSTERIOR                                                                                                                                                                                           | 1        | 0.95    |       | 1.37   |          | 1.30  |         | 1.30  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.75    |       | 1.32   |          | 4.95  |         | 4.95  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 2.00   |          | 4.00  |         | 4.00  | m2            |
|                      | LADO IZQ. - DER,                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 0.15    |       | 3.25   |          | 0.49  |         | 0.49  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 3.25   |          | 9.59  |         | 9.59  | m2            |
|                      | LADO FRONTAL                                                                                                                                                                                             |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 3.25   |          | 3.25  |         | 3.25  | m2            |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  |         | -0.94 | m2            |
|                      | Parapeto                                                                                                                                                                                                 |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 7.80    |       | 1.2    |          | 9.36  |         | 9.36  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 7.95    |       | 1.2    |          | 9.54  |         | 9.54  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 7.80    |       | 0.15   |          | 1.17  |         | 1.17  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 13.85   |       | 1.2    |          | 16.62 |         | 16.62 | m2            |
|                      |                                                                                                                                                                                                          | 1        | 6.85    |       | 0.15   |          | 1.03  |         | 1.03  | m2            |
|                      |                                                                                                                                                                                                          | 2        | 1.75    |       | 1.2    |          | 2.10  |         | 4.20  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.75    |       | 0.15   |          | 0.26  |         | 0.26  | m2            |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      | LADO POSTERIOR                                                                                                                                                                                           | 1        | 0.95    |       | 1.37   |          | 1.30  |         | 1.30  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.75    |       | 1.32   |          | 4.95  |         | 4.95  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 2.00   |          | 4.00  |         | 4.00  | m2            |
|                      | LADO IZQ. - DER,                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 0.15    |       | 3.25   |          | 0.49  |         | 0.49  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 3.25   |          | 9.59  |         | 9.59  | m2            |
|                      | LADO FRONTAL                                                                                                                                                                                             |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 3.25   |          | 3.25  |         | 3.25  | m2            |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  |         | -0.94 | m2            |
|                      | Parapeto                                                                                                                                                                                                 |          |         |       |        |          |       |         |       |               |
|                      |                                                                                                                                                                                                          | 1        | 7.80    |       | 1.2    |          | 9.36  |         | 9.36  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 7.95    |       | 1.2    |          | 9.54  |         | 9.54  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 7.80    |       | 0.15   |          | 1.17  |         | 1.17  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 13.85   |       | 1.2    |          | 16.62 |         | 16.62 | m2            |
|                      |                                                                                                                                                                                                          | 1        | 6.85    |       | 0.15   |          | 1.03  |         | 1.03  | m2            |
|                      |                                                                                                                                                                                                          | 2        | 1.75    |       | 1.2    |          | 2.10  |         | 4.20  | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.75    |       | 0.15   |          | 0.26  |         | 0.26  | m2            |


  
 Mónica Angulo Martínez Medina  
 ARQUITECTO  
 C.A.P. 17206


| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |         |         |      |               |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|------|---------------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |         |         |      |               |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |      |               |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |      |               |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |      |               |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL |         |      | TOTAL         | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |      |               |      |
|                      |                                                                                                                                                                                                          | 2        | 1.75    |       | 1.2    |          |         |         |      | 4.20          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.75    |       | 0.15   |          |         |         | 0.26 | 0.26          | m2   |
|                      | 5TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       | 2.20   |          |         | 10.01   |      | 10.01         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.60    |       | 2.20   |          |         | 5.72    |      | 5.72          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.55    |       | 2.20   |          |         | 5.61    |      | 5.61          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 2.20   |          |         | 10.23   |      | 10.23         | m2   |
|                      | PARAPETO - AZOTEA                                                                                                                                                                                        |          |         |       |        |          |         |         |      |               |      |
|                      | lado frontal                                                                                                                                                                                             |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 9.20    |       | 1.20   |          |         | 11.04   |      | 11.04         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.48    |       | 1.20   |          |         | 2.98    |      | 2.98          | m2   |
|                      | lado izquierdo/derecho                                                                                                                                                                                   |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 2        | 7.80    |       | 1.20   |          |         | 9.36    |      | 18.72         | m2   |
|                      | lado posterior                                                                                                                                                                                           |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 3.45    |       | 1.20   |          |         | 4.14    |      | 4.14          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.95    |       | 1.20   |          |         | 2.34    |      | 2.34          | m2   |
|                      | <b>CERCO PERIMETRICO</b>                                                                                                                                                                                 |          |         |       |        |          |         |         |      | <b>295.44</b> |      |
|                      | CARA INTERIOR                                                                                                                                                                                            |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 4        | 3.50    |       | 2.65   |          |         | 37.10   |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.31    |       | 2.65   |          |         | 8.77    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.82    |       | 2.65   |          |         | 14.95   |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.93    |       | 2.65   |          |         | 5.11    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.54    |       | 2.65   |          |         | 6.73    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.82    |       | 2.65   |          |         | 4.82    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.32    |       | 2.65   |          |         | 8.80    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.03    |       | 2.65   |          |         | 8.03    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.10    |       | 2.65   |          |         | 8.22    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 8        | 3.00    |       | 2.65   |          |         | 63.60   |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 0.93    |       | 2.65   |          |         | 2.46    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.52    |       | 2.65   |          |         | 4.03    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 2        | 3.53    |       | 2.65   |          |         | 18.71   |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.30    |       | 2.65   |          |         | 6.10    |      |               | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 2.65   |          |         | 4.51    |      |               | m2   |
|                      | PORTICO DE INGRESO                                                                                                                                                                                       |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 8        | 2.76    |       | 2.27   |          |         | 50.12   |      |               | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.95    |       | 0.97   |          |         | 5.72    |      |               | m2   |
|                      | <b>PUENTE</b>                                                                                                                                                                                            |          |         |       |        |          |         |         |      | <b>50.13</b>  |      |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |      |               |      |
|                      | CIRCULACION                                                                                                                                                                                              |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 6.40    |       | 1.20   |          |         | 7.68    |      | 7.68          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.15    |       | 0.15   |          |         | 0.47    |      | 0.47          | m2   |
|                      |                                                                                                                                                                                                          | 2        | 3.46    |       | 1.20   |          |         | 4.15    |      | 8.30          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.68    |       | 0.15   |          |         | 0.25    |      | 0.25          | m2   |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |      |               |      |
|                      | CIRCULACION                                                                                                                                                                                              |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 6.40    |       | 1.20   |          |         | 7.68    |      | 7.68          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.15    |       | 0.15   |          |         | 0.47    |      | 0.47          | m2   |
|                      |                                                                                                                                                                                                          | 2        | 3.46    |       | 1.20   |          |         | 4.15    |      | 8.30          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.68    |       | 0.15   |          |         | 0.25    |      | 0.25          | m2   |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |      |               |      |
|                      | CIRCULACION                                                                                                                                                                                              |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 6.40    |       | 1.20   |          |         | 7.68    |      | 7.68          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.15    |       | 0.15   |          |         | 0.47    |      | 0.47          | m2   |
|                      |                                                                                                                                                                                                          | 2        | 3.46    |       | 1.20   |          |         | 4.15    |      | 8.30          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.68    |       | 0.15   |          |         | 0.25    |      | 0.25          | m2   |
| 03.02.02             | Tarrajeo en Muros interiores C.A 1:4 e=1.5Cm. Cemento Tipo MS                                                                                                                                            |          |         |       |        |          |         |         |      | 1589.76       | m2   |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |      | <b>693.83</b> |      |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |      |               |      |
|                      | AULA 1ER GRADO                                                                                                                                                                                           |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |         | 4.96    |      | 4.96          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |         | 4.72    |      | 4.72          | m3   |
|                      | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |         | 1.68    |      | -1.68         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   |      | 21.39         | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 3.13    |      | 6.26          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   |      | 11.47         | m2   |
|                      | AULA 1ER GRADO                                                                                                                                                                                           |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.90   |          |         | 5.04    |      | 5.04          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.80    |       | 3.35   |          |         | 6.03    |      | 6.03          | m3   |
|                      | descuento de ventana VA-3                                                                                                                                                                                | -1       | 1.55    |       | 1.45   |          |         | 2.25    |      | -2.25         | m2   |
|                      |                                                                                                                                                                                                          | 2        | 6.90    |       | 3.10   |          |         | 21.39   |      | 42.78         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.20   |          |         | 3.13    |      | 3.18          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.20   |          |         | 3.60    |      | 3.60          | m2   |
|                      | AULA 2DO GRADO                                                                                                                                                                                           |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |         | 4.96    |      | 4.96          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |         | 4.72    |      | 4.72          | m3   |
|                      | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |         | 1.68    |      | -1.68         | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   |      | 21.39         | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 3.13    |      | 6.26          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   |      | 11.47         | m2   |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |      |               |      |
|                      | AULA 3ER GRADO                                                                                                                                                                                           |          |         |       |        |          |         |         |      |               |      |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |         | 4.96    |      | 4.96          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |         | 4.72    |      | 4.72          | m3   |

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |         |         |       |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|-------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |         |         |       |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |       |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |       |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |       |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL |         | TOTAL | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |       |      |
|                      | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |         | 1.68    | -1.68 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   | 21.39 | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 3.13    | 6.26  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   | 11.47 | m2   |
|                      | AULA 3ER GRADO                                                                                                                                                                                           |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.90   |          |         | 5.04    | 5.04  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.80    |       | 3.35   |          |         | 6.03    | 6.03  | m3   |
|                      | descuento de ventana VA-3                                                                                                                                                                                | -1       | 1.55    |       | 1.45   |          |         | 2.25    | -2.25 | m2   |
|                      |                                                                                                                                                                                                          | 2        | 6.90    |       | 3.10   |          |         | 21.39   | 42.78 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.20   |          |         | 3.18    | 3.18  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.20   |          |         | 3.60    | 3.60  | m2   |
|                      | AULA 4TO GRADO                                                                                                                                                                                           |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |         | 4.96    | 4.96  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |         | 4.72    | 4.72  | m3   |
|                      | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |         | 1.68    | -1.68 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   | 21.39 | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 3.13    | 6.26  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   | 11.47 | m2   |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 1.10   |          |         | 1.87    | 1.87  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 8.31    |       | 1.10   |          |         | 9.14    | 9.14  | m2   |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |      |
|                      | AULA 5TO GRADO                                                                                                                                                                                           |          |         |       |        |          |         | 4.96    | 4.96  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |         | 4.96    | 4.96  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |         | 4.72    | 4.72  | m3   |
|                      | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |         | 1.68    | -1.68 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   | 21.39 | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 3.13    | 6.26  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   | 11.47 | m2   |
|                      | AULA 5TO GRADO                                                                                                                                                                                           |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.90   |          |         | 5.04    | 5.04  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.80    |       | 3.35   |          |         | 6.03    | 6.03  | m3   |
|                      | descuento de ventana VA-3                                                                                                                                                                                | -1       | 1.55    |       | 1.45   |          |         | 2.25    | -2.25 | m2   |
|                      |                                                                                                                                                                                                          | 2        | 6.90    |       | 3.10   |          |         | 21.39   | 42.78 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.20   |          |         | 3.18    | 3.18  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.20   |          |         | 3.60    | 3.60  | m2   |
|                      | AULA 6TO GRADO                                                                                                                                                                                           |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |         | 4.96    | 4.96  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |         | 4.72    | 4.72  | m3   |
|                      | descuento de ventana VA-2                                                                                                                                                                                | -1       | 1.16    |       | 1.45   |          |         | 1.68    | -1.68 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   | 21.39 | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 3.13    | 6.26  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   | 11.47 | m2   |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 1.10   |          |         | 1.87    | 1.87  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 8.31    |       | 1.10   |          |         | 9.14    | 9.14  | m2   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |      |
|                      | SUM                                                                                                                                                                                                      |          |         |       |        |          |         | 4.72    | 4.72  | m3   |
|                      |                                                                                                                                                                                                          | 1        | 1.41    |       | 3.35   |          |         | 4.72    | 4.72  | m3   |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 1.90   |          |         | 4.96    | 4.96  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.90   |          |         | 5.70    | 5.70  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   | 21.39 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 1.20   |          |         | 3.60    | 3.60  | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 5.15    | 6.26  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   | 11.47 | m2   |
|                      | AIP                                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 1.45    |       | 3.35   |          |         | 4.86    | 4.86  | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 3.35   |          |         | 8.74    | 17.49 | m3   |
|                      |                                                                                                                                                                                                          | 1        | 3.70    |       | 3.10   |          |         | 11.47   | 11.47 | m2   |
|                      |                                                                                                                                                                                                          | 2        | 2.61    |       | 1.20   |          |         | 3.13    | 6.26  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 1.20   |          |         | 3.18    | 3.18  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.90    |       | 3.10   |          |         | 21.39   | 21.39 | m2   |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 1.10   |          |         | 1.87    | 1.87  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 8.31    |       | 1.10   |          |         | 9.14    | 9.14  | m2   |
|                      | <b>PARAPETO - AZOTEA</b>                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | lado posterior                                                                                                                                                                                           |          |         |       |        |          |         | 10.86   | 10.86 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 9.05    |       | 1.20   |          |         | 10.86   | 10.86 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 9.20    |       | 1.20   |          |         | 11.04   | 11.04 | m2   |
|                      |                                                                                                                                                                                                          | 1        | 5.55    |       | 1.20   |          |         | 6.66    | 6.66  | m2   |
|                      | lateral derecho                                                                                                                                                                                          |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 4.35    |       | 1.20   |          |         | 5.22    | 5.22  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 5.35    |       | 1.20   |          |         | 6.42    | 6.42  | m2   |
|                      | lado frontal                                                                                                                                                                                             |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 5.95    |       | 1.20   |          |         | 7.14    | 7.14  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 6.30    |       | 1.20   |          |         | 7.56    | 7.56  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 4.95    |       | 1.20   |          |         | 5.94    | 5.94  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 5.01    |       | 1.20   |          |         | 6.01    | 6.01  | m2   |
|                      | lado izquierdo                                                                                                                                                                                           |          |         |       |        |          |         | 0.00    | 0.00  |      |
|                      |                                                                                                                                                                                                          | 1        | 1.73    |       | 1.20   |          |         | 2.08    | 2.08  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.54    |       | 1.20   |          |         | 1.85    | 1.85  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 7.82    |       | 1.20   |          |         | 9.38    | 9.38  | m2   |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |      |
|                      | AULA 2DO GRADO                                                                                                                                                                                           |          |         |       |        |          |         | 3.41    | 3.41  | m2   |
|                      |                                                                                                                                                                                                          | 1        | 1.05    |       | 3.25   |          |         | 3.41    | 3.41  | m2   |

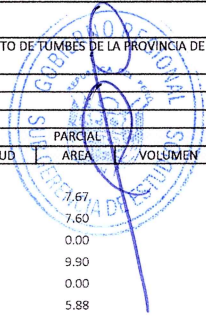


  
 ARQUITECTO  
 C.P. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |         |         |       |  |  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|-------|-------------------------------------------------------------------------------------|--|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |         |         |       |                                                                                     |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |       |                                                                                     |  |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |       |                                                                                     |  |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |       |                                                                                     |  |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL |         | TOTAL | UNID                                                                                |  |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |       |                                                                                     |  |
|                      | descuento de ventana VA-6                                                                                                                                                                                | -1       | 0.80    |       | 1.35   |          |         | 1.08    | -1.08 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.90   |          |         | 6.75    | 6.75  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 5.65    |       | 3.15   |          |         | 17.80   | 17.80 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.20   |          |         | 4.32    | 4.32  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.20   |          |         | 2.70    | 2.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.80    |       | 3.15   |          |         | 15.12   | 15.12 | m2                                                                                  |  |
|                      | SH. DAMAS & VARONES                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.30    |       | 1.55   |          |         | 2.02    | 2.02  | m2                                                                                  |  |
|                      | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |         | 1.42    | -1.42 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.50    |       | 0.20   |          |         | 0.70    | 0.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 0.80    |       | 0.20   |          |         | 0.16    | 0.16  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 0.20   |          |         | 0.42    | 0.42  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 6.12    |       | 1.45   |          |         | 8.87    | 8.87  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 6.30    |       | 1.85   |          |         | 11.66   | 23.31 | m2                                                                                  |  |
|                      | muros divisores                                                                                                                                                                                          |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 4        | 1.30    |       | 0.20   |          |         | 0.26    | 1.04  | m2                                                                                  |  |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |                                                                                     |  |
|                      | AULA 4TO GRADO                                                                                                                                                                                           |          |         |       |        |          |         |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.05    |       | 3.25   |          |         | 3.41    | 3.41  | m2                                                                                  |  |
|                      | descuento de ventana VA-6                                                                                                                                                                                | -1       | 0.80    |       | 1.35   |          |         | 1.08    | -1.08 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.90   |          |         | 6.75    | 6.75  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 5.65    |       | 3.15   |          |         | 17.80   | 17.80 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.20   |          |         | 4.32    | 4.32  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.20   |          |         | 2.70    | 2.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.80    |       | 3.15   |          |         | 15.12   | 15.12 | m2                                                                                  |  |
|                      | SH. DAMAS & VARONES                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.30    |       | 1.55   |          |         | 2.02    | 2.02  | m2                                                                                  |  |
|                      | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |         | 1.42    | -1.42 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.50    |       | 0.20   |          |         | 0.70    | 0.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 0.80    |       | 0.20   |          |         | 0.16    | 0.16  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 0.20   |          |         | 0.42    | 0.42  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 6.12    |       | 1.45   |          |         | 8.87    | 8.87  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 6.30    |       | 1.85   |          |         | 11.66   | 23.31 | m2                                                                                  |  |
|                      | muros divisores                                                                                                                                                                                          |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 4        | 1.30    |       | 0.20   |          |         | 0.26    | 1.04  | m2                                                                                  |  |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.77    |       | 1.10   |          |         | 1.95    | 1.95  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 12.90   |       | 1.10   |          |         | 14.19   | 14.19 | m2                                                                                  |  |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |                                                                                     |  |
|                      | AULA 6TO GRADO                                                                                                                                                                                           |          |         |       |        |          |         |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.05    |       | 3.25   |          |         | 3.41    | 3.41  | m2                                                                                  |  |
|                      | descuento de ventana VA-6                                                                                                                                                                                | -1       | 0.80    |       | 1.35   |          |         | 1.08    | -1.08 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.90   |          |         | 6.75    | 6.75  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 5.65    |       | 3.15   |          |         | 17.80   | 17.80 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.20   |          |         | 4.32    | 4.32  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.20   |          |         | 2.70    | 2.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.80    |       | 3.15   |          |         | 15.12   | 15.12 | m2                                                                                  |  |
|                      | SH. DAMAS & VARONES                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.30    |       | 1.55   |          |         | 2.02    | 2.02  | m2                                                                                  |  |
|                      | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |         | 1.42    | -1.42 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.50    |       | 0.20   |          |         | 0.70    | 0.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 0.80    |       | 0.20   |          |         | 0.16    | 0.16  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 0.20   |          |         | 0.42    | 0.42  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 6.12    |       | 1.45   |          |         | 8.87    | 8.87  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 6.30    |       | 1.85   |          |         | 11.66   | 23.31 | m2                                                                                  |  |
|                      | muros divisores                                                                                                                                                                                          |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 4        | 1.30    |       | 0.20   |          |         | 0.26    | 1.04  | m2                                                                                  |  |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.77    |       | 1.10   |          |         | 1.95    | 1.95  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 12.90   |       | 1.10   |          |         | 14.19   | 14.19 | m2                                                                                  |  |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |                                                                                     |  |
|                      | BIBLIOTECA                                                                                                                                                                                               |          |         |       |        |          |         |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.05    |       | 3.25   |          |         | 3.41    | 3.41  | m2                                                                                  |  |
|                      | descuento de ventana VA-6                                                                                                                                                                                | -1       | 0.80    |       | 1.35   |          |         | 1.08    | -1.08 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.55    |       | 1.90   |          |         | 6.75    | 6.75  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 5.65    |       | 3.15   |          |         | 17.80   | 17.80 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.60    |       | 1.20   |          |         | 4.32    | 4.32  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 1.20   |          |         | 2.70    | 2.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 1.80    |       | 1.20   |          |         | 2.16    | 2.16  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.40    |       | 3.35   |          |         | 8.04    | 8.04  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.61    |       | 3.35   |          |         | 8.74    | 8.74  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 0.49    |       | 3.35   |          |         | 1.64    | 1.64  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 1.80    |       | 1.90   |          |         | 3.42    | 3.42  | m2                                                                                  |  |
|                      | SH. DAMAS & VARONES                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.30    |       | 1.55   |          |         | 2.02    | 2.02  | m2                                                                                  |  |
|                      | descuento de ventana VA-8                                                                                                                                                                                | -1       | 1.05    |       | 1.35   |          |         | 1.42    | -1.42 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 3.50    |       | 0.20   |          |         | 0.70    | 0.70  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 0.80    |       | 0.20   |          |         | 0.16    | 0.16  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 0.20   |          |         | 0.42    | 0.42  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 6.12    |       | 1.45   |          |         | 8.87    | 8.87  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 6.30    |       | 1.85   |          |         | 11.66   | 23.31 | m2                                                                                  |  |
|                      | muros divisores                                                                                                                                                                                          |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 4        | 1.30    |       | 0.20   |          |         | 0.26    | 1.04  | m2                                                                                  |  |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 1        | 1.77    |       | 1.10   |          |         | 1.95    | 1.95  | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 12.90   |       | 1.10   |          |         | 14.19   | 14.19 | m2                                                                                  |  |
|                      | PARAPETO - PASADIZO                                                                                                                                                                                      |          |         |       |        |          |         | 0.00    | 0.00  |                                                                                     |  |


**ARQUITECTO**  
 C.O.P. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-------|---------------|------|---------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |       |               |      |         |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |       |               |      |         |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |       |               |      |         |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |       | TOTAL         | UNID |         |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA  |               |      | VOLUMEN |
|                      | lado frontal                                                                                                                                                                                             | 1        | 6.39    |       | 1.20   |          | 7.67  | 7.67          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 6.33    |       | 1.20   |          | 7.60  | 7.60          | m2   |         |
|                      | lado izquierdo                                                                                                                                                                                           | 1        | 8.25    |       | 1.20   |          | 9.90  | 9.90          | m2   |         |
|                      | lado posterior                                                                                                                                                                                           | 1        | 4.90    |       | 1.20   |          | 5.88  | 5.88          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.55    |       | 1.20   |          | 1.86  | 1.86          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 7.85    |       | 1.20   |          | 9.42  | 9.42          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 5.04    |       | 1.20   |          | 6.05  | 6.05          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.74    |       | 1.20   |          | 5.69  | 5.69          | m2   |         |
| <b>MÓDULO 03</b>     |                                                                                                                                                                                                          |          |         |       |        |          |       | <b>413.23</b> |      |         |
| <b>1ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
| ALMACEN              |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 3.15   |          | 3.15  | 3.15          | m2   |         |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  | -0.94         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 3.15   |          | 9.29  | 9.29          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 1.90   |          | 3.80  | 3.80          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      | escalera                                                                                                                                                                                                 | 2        | 3.60    |       | 1.30   |          | 4.68  | 9.36          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 3.90    |       | 3.15   |          | 12.29 | 12.29         | m2   |         |
|                      | sh                                                                                                                                                                                                       | 1        | 2.30    |       | 1.45   |          | 3.34  | 3.34          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 1.45   |          | 3.05  | 3.05          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
|                      | montacarga                                                                                                                                                                                               | 1        | 1.45    |       | 3.15   |          | 4.57  | 4.57          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 3.15   |          | 7.09  | 7.09          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
| <b>2DO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
| DIRECCIÓN            |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 3.15   |          | 3.15  | 3.15          | m2   |         |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  | -0.94         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 3.15   |          | 9.29  | 9.29          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 1.90   |          | 3.80  | 3.80          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      | escalera                                                                                                                                                                                                 | 1        | 3.60    |       | 1.30   |          | 4.68  | 4.68          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 3.90    |       | 3.15   |          | 12.29 | 12.29         | m2   |         |
|                      | sh                                                                                                                                                                                                       | 1        | 2.30    |       | 1.45   |          | 3.34  | 3.34          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 1.45   |          | 3.05  | 3.05          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
|                      | montacarga                                                                                                                                                                                               | 1        | 1.45    |       | 3.15   |          | 4.57  | 4.57          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 3.15   |          | 7.09  | 7.09          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
| <b>3ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
| DIRECCIÓN            |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 3.15   |          | 3.15  | 3.15          | m2   |         |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  | -0.94         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 3.15   |          | 9.29  | 9.29          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 1.90   |          | 3.80  | 3.80          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      | escalera                                                                                                                                                                                                 | 1        | 3.60    |       | 1.30   |          | 4.68  | 4.68          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 3.90    |       | 3.15   |          | 12.29 | 12.29         | m2   |         |
|                      | sh                                                                                                                                                                                                       | 1        | 2.30    |       | 1.45   |          | 3.34  | 3.34          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 1.45   |          | 3.05  | 3.05          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
|                      | montacarga                                                                                                                                                                                               | 1        | 1.45    |       | 3.15   |          | 4.57  | 4.57          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 3.15   |          | 7.09  | 7.09          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
| <b>4TO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
| DIRECCIÓN            |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
|                      |                                                                                                                                                                                                          | 1        | 1.00    |       | 3.15   |          | 3.15  | 3.15          | m2   |         |
|                      | descuento de ventana VA-14                                                                                                                                                                               | -1       | 0.75    |       | 1.25   |          | 0.94  | -0.94         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.95    |       | 3.15   |          | 9.29  | 9.29          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.00    |       | 1.90   |          | 3.80  | 3.80          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      | escalera                                                                                                                                                                                                 | 1        | 3.60    |       | 1.30   |          | 4.68  | 4.68          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 3.15   |          | 14.65 | 14.65         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 3.90    |       | 3.15   |          | 12.29 | 12.29         | m2   |         |
|                      | sh                                                                                                                                                                                                       | 1        | 2.30    |       | 1.45   |          | 3.34  | 3.34          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       | 1.45   |          | 3.05  | 3.05          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
|                      | montacarga                                                                                                                                                                                               | 1        | 1.45    |       | 3.15   |          | 4.57  | 4.57          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 3.15   |          | 7.09  | 7.09          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       | 0.43   |          | 0.80  | 0.80          | m2   |         |
| <b>5TO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
| caja de escalera     |                                                                                                                                                                                                          |          |         |       |        |          |       |               |      |         |
|                      |                                                                                                                                                                                                          | 1        | 3.60    |       | 2.20   |          | 7.92  | 7.92          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 5.55    |       | 2.20   |          | 12.21 | 12.21         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 5.25    |       | 0.33   |          | 1.73  | 1.73          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.72    |       | 2.20   |          | 3.78  | 3.78          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 1.10    |       | 2.20   |          | 2.42  | 2.42          | m2   |         |
|                      |                                                                                                                                                                                                          | 2        | 0.95    |       | 0.33   |          | 0.31  | 0.63          | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 4.65    |       | 2.20   |          | 10.23 | 10.23         | m2   |         |
|                      |                                                                                                                                                                                                          | 1        | 0.80    |       | 2.20   |          | 1.76  | 1.76          | m2   |         |



INGENIERO EN ARQUITECTURA
   
 N.º 17206

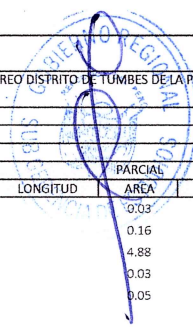


PLANILLA DE METRADOS

| PROYECTO     | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |       |         |               |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|---------|---------------|
| ESPECIALIDAD | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |         |               |
| ENTIDAD      | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |         |               |
| LUGAR        | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |         |               |
| PARTIDA      | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID    |               |
|              |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |         |               |
|              | PARAPETO - AZOTEA                                                                                                                                                                                        | 1        | 2.42    |       | 2.20   |          |      | 5.32    |       | 5.32    | m2            |
|              | lado frontal                                                                                                                                                                                             | 1        | 9.05    |       | 1.20   |          |      | 10.86   |       | 10.86   | m2            |
|              | lado izquierdo/derecho                                                                                                                                                                                   | 1        | 2.33    |       | 1.20   |          |      | 2.80    |       | 2.80    | m2            |
|              | lado posterior                                                                                                                                                                                           | 2        | 7.50    |       | 1.20   |          |      | 9.00    |       | 18.00   | m2            |
|              |                                                                                                                                                                                                          | 1        | 3.30    |       | 1.20   |          |      | 3.96    |       | 3.96    | m2            |
|              |                                                                                                                                                                                                          | 1        | 1.80    |       | 1.20   |          |      | 2.16    |       | 2.16    | m2            |
|              | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       |         | <b>34.88</b>  |
|              | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |         |               |
|              | INFORMES / SALA DE ESPERA                                                                                                                                                                                |          |         |       |        |          |      |         |       |         |               |
|              | descuento de ventana                                                                                                                                                                                     | 1        | 1.55    |       | 2.90   |          |      | 4.50    |       | 4.50    | m2            |
|              |                                                                                                                                                                                                          | -1       | 1.30    |       | 1.00   |          |      | 1.30    |       | -1.30   | m2            |
|              |                                                                                                                                                                                                          | 2        | 2.53    |       | 1.90   |          |      | 4.81    |       | 9.61    | m2            |
|              |                                                                                                                                                                                                          | 1        | 2.55    |       | 2.90   |          |      | 7.40    |       | 7.40    | m2            |
|              |                                                                                                                                                                                                          | 2        | 2.53    |       | 2.90   |          |      | 7.34    |       | 14.67   | m2            |
| 03.02.03     | Tarrajeo en volado de acceso principal C.A 1:4 e=1.5Cm. Cemento Tipo M5                                                                                                                                  |          |         |       |        |          |      |         |       | 15.91   | m2            |
|              | <b>PORTICO DE INGRESO</b>                                                                                                                                                                                |          |         |       |        |          |      |         |       |         | <b>15.91</b>  |
|              | LADO EXTERIOR                                                                                                                                                                                            |          |         |       |        |          |      |         |       |         |               |
|              |                                                                                                                                                                                                          | 1        | 5.85    |       | 0.25   |          |      | 1.46    |       | 1.46    | m2            |
|              |                                                                                                                                                                                                          | 2        | 5.20    | 0.65  |        |          |      | 3.38    |       | 6.76    | m3            |
|              | LADO INTERIOR                                                                                                                                                                                            |          |         |       |        |          |      |         |       |         |               |
|              |                                                                                                                                                                                                          | 1        | 5.80    |       | 0.25   |          |      | 1.45    |       | 1.45    | m2            |
|              |                                                                                                                                                                                                          | 2        | 5.20    | 0.6   |        |          |      | 3.12    |       | 6.24    | m3            |
| 03.02.04     | Tarrajeo en Columnas Prop:1:4 e=1.5Cm cemento tipo M5                                                                                                                                                    |          |         |       |        |          |      |         |       | 2206.67 | m2            |
|              | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       |         | <b>654.08</b> |
|              | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |         |               |
|              | Placa 01 (2.20 x 1.50)                                                                                                                                                                                   | 3        | 1.50    |       | 15.30  |          |      | 22.95   |       | 68.85   | m2            |
|              |                                                                                                                                                                                                          | 2        | 2.20    |       | 15.30  |          |      | 33.66   |       | 67.32   | m2            |
|              | C-01 (0.60x0.35)                                                                                                                                                                                         | 3        | 0.35    |       | 15.30  |          |      | 5.36    |       | 16.07   | m2            |
|              | Placa 01 (2.00 x 0.60)                                                                                                                                                                                   | 2        | 2.00    |       | 15.30  |          |      | 30.60   |       | 61.20   | m2            |
|              | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |         |               |
|              | EXTERIOR-PASADIZO                                                                                                                                                                                        |          |         |       |        |          |      |         |       |         |               |
|              | EJE 2-2 Frontal                                                                                                                                                                                          | 3        | 0.35    |       | 2.90   |          |      | 1.02    |       | 3.05    | m2            |
|              |                                                                                                                                                                                                          | 2        | 2.00    |       | 3.35   |          |      | 6.70    |       | 13.40   | m2            |
|              | descuento de viga                                                                                                                                                                                        | -2       | 0.35    |       | 0.45   |          |      | 0.16    |       | -0.32   | m2            |
|              |                                                                                                                                                                                                          | 1        | 1.50    |       | 3.35   |          |      | 5.03    |       | 5.03    | m2            |
|              | descuento de viga                                                                                                                                                                                        | -1       | 0.30    |       | 0.45   |          |      | 0.14    |       | -0.14   | m2            |
|              | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |         |               |
|              | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          |      | 4.79    |       | 4.79    | m2            |
|              | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          |      | 0.03    |       | -0.03   | m2            |
|              | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          |      | 7.28    |       | 7.28    | m2            |
|              | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          |      | 0.07    |       | -0.07   | m2            |
|              | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          |      | 4.44    |       | 13.31   | m2            |
|              | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          |      | 0.03    |       | -0.18   | m2            |
|              | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          |      | 0.16    |       | -0.47   | m2            |
|              | PL-02                                                                                                                                                                                                    | 4        | 1.37    |       | 3.55   |          |      | 4.88    |       | 19.51   | m2            |
|              | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          |      | 0.03    |       | -0.12   | m2            |
|              | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -4       | 0.10    |       | 0.45   |          |      | 0.05    |       | -0.18   | m2            |
|              | EJE 1 1                                                                                                                                                                                                  |          |         |       |        |          |      |         |       |         |               |
|              | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          |      | 4.79    |       | 4.79    | m2            |
|              | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          |      | 0.03    |       | -0.03   | m2            |
|              | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          |      | 7.28    |       | 7.28    | m2            |
|              | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          |      | 0.07    |       | -0.07   | m2            |
|              | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          |      | 4.44    |       | 13.31   | m2            |
|              | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          |      | 0.03    |       | -0.18   | m2            |
|              | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          |      | 0.16    |       | -0.47   | m2            |
|              | PL-02                                                                                                                                                                                                    | 4        | 1.37    |       | 3.55   |          |      | 4.88    |       | 19.51   | m2            |
|              | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          |      | 0.03    |       | -0.12   | m2            |
|              | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -4       | 0.10    |       | 0.45   |          |      | 0.05    |       | -0.18   | m2            |
|              | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |         |               |
|              | EXTERIOR-PASADIZO                                                                                                                                                                                        |          |         |       |        |          |      |         |       |         |               |
|              | EJE 2-2 Frontal                                                                                                                                                                                          | 3        | 0.35    |       | 3.10   |          |      | 1.09    |       | 3.26    | m2            |
|              |                                                                                                                                                                                                          | 2        | 2.00    |       | 3.55   |          |      | 7.10    |       | 14.20   | m2            |
|              | descuento de viga                                                                                                                                                                                        | -2       | 0.35    |       | 0.45   |          |      | 0.16    |       | -0.32   | m2            |
|              |                                                                                                                                                                                                          | 1        | 1.50    |       | 3.55   |          |      | 5.33    |       | 5.33    | m2            |
|              | descuento de viga                                                                                                                                                                                        | -1       | 0.30    |       | 0.45   |          |      | 0.14    |       | -0.14   | m2            |
|              | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |         |               |
|              | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          |      | 4.79    |       | 4.79    | m2            |
|              | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          |      | 0.03    |       | -0.03   | m2            |
|              | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          |      | 7.28    |       | 7.28    | m2            |
|              | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          |      | 0.07    |       | -0.07   | m2            |
|              | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          |      | 4.44    |       | 13.31   | m2            |

**ARQUITECTO**
  
**CAP. 17206**

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |         |         |       |        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|-------|--------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |         |         |       |        |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |       |        |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |       |        |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |       |        |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL |         | TOTAL | UNID   |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |       |        |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          | 0.03    |         | -0.18 | m2     |
|                      | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          | 0.16    |         | -0.47 | m2     |
|                      | PL-02                                                                                                                                                                                                    | 4        | 1.37    |       | 3.55   |          | 4.88    |         | 19.51 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          | 0.03    |         | -0.12 | m2     |
|                      | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -4       | 0.10    |       | 0.45   |          | 0.05    |         | -0.18 | m2     |
|                      | EJE 1-1                                                                                                                                                                                                  |          |         |       |        |          |         |         |       |        |
|                      | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          | 4.79    |         | 4.79  | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          | 0.03    |         | -0.03 | m2     |
|                      | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          | 7.28    |         | 7.28  | m2     |
|                      | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          | 0.07    |         | -0.07 | m2     |
|                      | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          | 4.44    |         | 13.31 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          | 0.03    |         | -0.18 | m2     |
|                      | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          | 0.16    |         | -0.47 | m2     |
|                      | PL-02                                                                                                                                                                                                    | 4        | 1.37    |       | 3.55   |          | 4.88    |         | 19.51 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          | 0.03    |         | -0.12 | m2     |
|                      | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -4       | 0.10    |       | 0.45   |          | 0.05    |         | -0.18 | m2     |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |        |
|                      | <b>EXTERIOR-PASADIZO</b>                                                                                                                                                                                 |          |         |       |        |          |         |         |       |        |
|                      | EJE 2-2 Frontal                                                                                                                                                                                          |          |         |       |        |          |         |         |       |        |
|                      |                                                                                                                                                                                                          | 3        | 0.35    |       | 3.10   |          | 1.09    |         | 3.26  | m2     |
|                      |                                                                                                                                                                                                          | 2        | 2.00    |       | 3.55   |          | 7.10    |         | 14.20 | m2     |
|                      | descuento de viga                                                                                                                                                                                        | -2       | 0.35    |       | 0.45   |          | 0.16    |         | -0.32 | m2     |
|                      |                                                                                                                                                                                                          | 1        | 1.50    |       | 3.55   |          | 5.33    |         | 5.33  | m2     |
|                      | descuento de viga                                                                                                                                                                                        | -1       | 0.30    |       | 0.45   |          | 0.14    |         | -0.14 | m2     |
|                      | <b>INTERIOR</b>                                                                                                                                                                                          |          |         |       |        |          |         |         |       |        |
|                      | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          | 4.79    |         | 4.79  | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          | 0.03    |         | -0.03 | m2     |
|                      | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          | 7.28    |         | 7.28  | m2     |
|                      | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          | 0.07    |         | -0.07 | m2     |
|                      | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          | 4.44    |         | 13.31 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          | 0.03    |         | -0.18 | m2     |
|                      | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          | 0.16    |         | -0.47 | m2     |
|                      | PL-02                                                                                                                                                                                                    | 4        | 1.37    |       | 3.55   |          | 4.88    |         | 19.51 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          | 0.03    |         | -0.12 | m2     |
|                      | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -4       | 0.10    |       | 0.45   |          | 0.05    |         | -0.18 | m2     |
|                      | <b>FIF 1-1</b>                                                                                                                                                                                           |          |         |       |        |          |         |         |       |        |
|                      | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          | 4.79    |         | 4.79  | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          | 0.03    |         | -0.03 | m2     |
|                      | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          | 7.28    |         | 7.28  | m2     |
|                      | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          | 0.07    |         | -0.07 | m2     |
|                      | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          | 4.44    |         | 13.31 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          | 0.03    |         | -0.18 | m2     |
|                      | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          | 0.16    |         | -0.47 | m2     |
|                      | PL-02                                                                                                                                                                                                    | 4        | 1.37    |       | 3.55   |          | 4.88    |         | 19.51 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          | 0.03    |         | -0.12 | m2     |
|                      | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -4       | 0.10    |       | 0.45   |          | 0.05    |         | -0.18 | m2     |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       |        |
|                      | <b>EXTERIOR-PASADIZO</b>                                                                                                                                                                                 |          |         |       |        |          |         |         |       |        |
|                      | EJE 2-2 Frontal                                                                                                                                                                                          |          |         |       |        |          |         |         |       |        |
|                      |                                                                                                                                                                                                          | 3        | 0.35    |       | 3.10   |          | 1.09    |         | 3.26  | m2     |
|                      |                                                                                                                                                                                                          | 2        | 2.00    |       | 3.55   |          | 7.10    |         | 14.20 | m2     |
|                      | descuento de viga                                                                                                                                                                                        | -2       | 0.35    |       | 0.45   |          | 0.16    |         | -0.32 | m2     |
|                      |                                                                                                                                                                                                          | 1        | 1.50    |       | 3.55   |          | 5.33    |         | 5.33  | m2     |
|                      | descuento de viga                                                                                                                                                                                        | -1       | 0.30    |       | 0.45   |          | 0.14    |         | -0.14 | m2     |
|                      | <b>INTERIOR</b>                                                                                                                                                                                          |          |         |       |        |          |         |         |       |        |
|                      | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          | 4.79    |         | 4.79  | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          | 0.03    |         | -0.03 | m2     |
|                      | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          | 7.28    |         | 7.28  | m2     |
|                      | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          | 0.07    |         | -0.07 | m2     |
|                      | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          | 4.44    |         | 13.31 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          | 0.03    |         | -0.18 | m2     |
|                      | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          | 0.16    |         | -0.47 | m2     |
|                      | PL-02                                                                                                                                                                                                    | 2        | 2.90    |       | 3.55   |          | 10.30   |         | 20.59 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          | 0.03    |         | -0.12 | m2     |
|                      | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -2       | 0.35    |       | 0.45   |          | 0.16    |         | -0.32 | m2     |
|                      | <b>EJE 1-1</b>                                                                                                                                                                                           |          |         |       |        |          |         |         |       |        |
|                      | PL-01                                                                                                                                                                                                    | 1        | 1.35    |       | 3.55   |          | 4.79    |         | 4.79  | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -1       | 0.15    |       | 0.20   |          | 0.03    |         | -0.03 | m2     |
|                      | PL-01                                                                                                                                                                                                    | 1        | 2.05    |       | 3.55   |          | 7.28    |         | 7.28  | m2     |
|                      | descuento de VP101 0.30x0.65m                                                                                                                                                                            | -1       | 0.15    |       | 0.45   |          | 0.07    |         | -0.07 | m2     |
|                      | C-01                                                                                                                                                                                                     | 3        | 1.25    |       | 3.55   |          | 4.44    |         | 13.31 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -6       | 0.15    |       | 0.20   |          | 0.03    |         | -0.18 | m2     |
|                      | descuento de VP102 0.35x0.65m                                                                                                                                                                            | -3       | 0.35    |       | 0.45   |          | 0.16    |         | -0.47 | m2     |
|                      | PL-02                                                                                                                                                                                                    | 2        | 2.90    |       | 3.55   |          | 10.30   |         | 20.59 | m2     |
|                      | descuento de VA102 0.30x0.40m                                                                                                                                                                            | -4       | 0.15    |       | 0.20   |          | 0.03    |         | -0.12 | m2     |
|                      | descuento de VP103 0.35x0.65m                                                                                                                                                                            | -2       | 0.35    |       | 0.45   |          | 0.16    |         | -0.32 | m2     |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |         |         |       | 396.16 |
|                      | <b>EXTERIOR</b>                                                                                                                                                                                          |          |         |       |        |          |         |         |       |        |
|                      | Placa 01 (1.45 x 1.45)                                                                                                                                                                                   |          |         |       |        |          |         |         |       |        |
|                      |                                                                                                                                                                                                          | 1        | 1.45    |       | 15.30  |          | 22.19   |         | 22.19 | m2     |
|                      | Placa 02 (1.65 x 1.65)                                                                                                                                                                                   |          |         |       |        |          |         |         |       |        |
|                      |                                                                                                                                                                                                          | 3        | 1.65    |       | 15.30  |          | 25.25   |         | 75.74 | m2     |
|                      | Placa 03 (0.50 x 1.85)                                                                                                                                                                                   |          |         |       |        |          |         |         |       |        |
|                      |                                                                                                                                                                                                          | 1        | 2.05    |       | 15.30  |          | 31.37   |         | 31.37 | m2     |
|                      | C-01 (0.60x0.75)                                                                                                                                                                                         |          |         |       |        |          |         |         |       |        |
|                      |                                                                                                                                                                                                          | 1        | 0.35    |       | 15.30  |          | 5.36    |         | 5.36  | m2     |

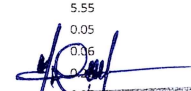


**ARQUITECTO**
  
 N° 17206

PLANILLA DE METRADOS

| PROYECTO                  | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |                                      |    |          |         |        |          |       |         |       | TOTAL | UNID |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----|----------|---------|--------|----------|-------|---------|-------|-------|------|
|                           | ESPECIALIDAD                                                                                                                                                                                             | MEDIDAS                              |    |          | PARCIAL |        |          |       |         |       |       |      |
| ENTIDAD                   | LUGAR                                                                                                                                                                                                    |                                      |    | LARGO    | ANCHO   | ALTURA | LONGITUD | AREA  | VOLUMEN |       |       |      |
| PARTIDA                   | ESPECIFICACIONES                                                                                                                                                                                         |                                      |    | N° VECES |         |        |          |       |         |       |       |      |
| <b>1ER NIVEL</b>          |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
| EXTERIOR-PASADIZO         |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
| EJE 3-3 Frontal           |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.45     |         | 3.35   |          | 4.86  |         | 4.86  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de viga</i>             | -1 | 0.30     |         | 0.40   |          | 0.12  |         | -0.12 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 3.35   |          | 1.17  |         | 1.17  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de viga</i>             | -1 | 0.30     |         | 0.40   |          | 0.12  |         | -0.12 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 2.95   |          | 1.03  |         | 1.03  | m2    |      |
| EJE D-D Frontal & Lateral |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.65     |         | 3.35   |          | 5.53  |         | 5.53  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de viga</i>             | -1 | 0.30     |         | 0.40   |          | 0.12  |         | -0.12 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.65     |         | 2.90   |          | 4.79  |         | 4.79  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.65     |         | 3.15   |          | 5.20  |         | 5.20  | m2    |      |
| INTERIOR                  |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
| EJE 3-3                   |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          | PL-01                                | 1  | 2.60     |         | 1.85   |          | 4.81  |         | 4.81  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP101 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
|                           |                                                                                                                                                                                                          | C-01                                 | 1  | 0.45     |         | 1.85   |          | 0.83  |         | 0.83  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.65     |         | 3.55   |          | 2.31  |         | 2.31  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP103 0.30x0.60m</i> | -1 | 0.20     |         | 0.40   |          | 0.08  |         | -0.08 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | 1  | 0.90     |         | 3.55   |          | 3.20  |         | 3.20  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | -2 | 0.15     |         | 0.30   |          | 0.05  |         | -0.09 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 3.15   |          | 1.10  |         | 1.10  | m2    |      |
|                           |                                                                                                                                                                                                          | PL-02                                | 1  | 3.00     |         | 3.55   |          | 10.65 |         | 10.65 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP102 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
| EJE 2-2                   |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          | PL-02                                | 1  | 3.00     |         | 1.85   |          | 5.55  |         | 5.55  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA102 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP101 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.15     |         | 1.55   |          | 0.23  |         | 0.23  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.20     |         | 1.85   |          | 0.37  |         | 0.37  | m2    |      |
| EJE 1-1                   |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          |                                      | -1 | 1.85     |         | 3.55   |          | 6.57  |         | 0.00  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP107 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA101 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | C-01                                 | 1  | 0.90     |         | 3.55   |          | 3.20  |         | 3.20  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -2 | 0.15     |         | 0.30   |          | 0.05  |         | -0.09 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 3.15   |          | 1.10  |         | 1.10  | m2    |      |
|                           |                                                                                                                                                                                                          | PL-02                                | 1  | 3.00     |         | 3.55   |          | 10.65 |         | 10.65 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP104 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
| <b>2DO NIVEL</b>          |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
| EXTERIOR-PASADIZO         |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
| EJE 3-3 Frontal           |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.45     |         | 3.35   |          | 4.86  |         | 4.86  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de viga</i>             | -1 | 0.30     |         | 0.40   |          | 0.12  |         | -0.12 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 3.35   |          | 1.17  |         | 1.17  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de viga</i>             | -1 | 0.30     |         | 0.40   |          | 0.12  |         | -0.12 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 2.95   |          | 1.03  |         | 1.03  | m2    |      |
| EJE D-D Frontal & Lateral |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.65     |         | 3.35   |          | 5.53  |         | 5.53  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de viga</i>             | -1 | 0.30     |         | 0.40   |          | 0.12  |         | -0.12 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.65     |         | 2.90   |          | 4.79  |         | 4.79  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 1.65     |         | 3.15   |          | 5.20  |         | 5.20  | m2    |      |
| INTERIOR                  |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
| EJE 3-3                   |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          | PL-01                                | 1  | 2.60     |         | 1.85   |          | 4.81  |         | 4.81  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP101 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
|                           |                                                                                                                                                                                                          | C-01                                 | 1  | 0.45     |         | 1.85   |          | 0.83  |         | 0.83  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.65     |         | 3.55   |          | 2.31  |         | 2.31  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP103 0.30x0.60m</i> | -1 | 0.20     |         | 0.40   |          | 0.08  |         | -0.08 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | 1  | 0.90     |         | 3.55   |          | 3.20  |         | 3.20  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | -2 | 0.15     |         | 0.30   |          | 0.05  |         | -0.09 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 3.15   |          | 1.10  |         | 1.10  | m2    |      |
|                           |                                                                                                                                                                                                          | PL-02                                | 1  | 3.00     |         | 3.55   |          | 10.65 |         | 10.65 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP102 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
| EJE 2-2                   |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          | PL-02                                | 1  | 3.00     |         | 1.85   |          | 5.55  |         | 5.55  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA102 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP101 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.15     |         | 1.55   |          | 0.23  |         | 0.23  | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.20     |         | 1.85   |          | 0.37  |         | 0.37  | m2    |      |
| EJE 1-1                   |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |
|                           |                                                                                                                                                                                                          |                                      | -1 | 1.85     |         | 3.55   |          | 6.57  |         | 0.00  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP102 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA101 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | C-01                                 | 1  | 0.90     |         | 3.55   |          | 3.20  |         | 3.20  | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -2 | 0.15     |         | 0.30   |          | 0.05  |         | -0.09 | m2    |      |
|                           |                                                                                                                                                                                                          |                                      | 1  | 0.35     |         | 3.15   |          | 1.10  |         | 1.10  | m2    |      |
|                           |                                                                                                                                                                                                          | PL-02                                | 1  | 3.00     |         | 3.55   |          | 10.65 |         | 10.65 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VA103 0.30x0.50m</i> | -1 | 0.15     |         | 0.30   |          | 0.05  |         | -0.05 | m2    |      |
|                           |                                                                                                                                                                                                          | <i>descuento de VP104 0.30x0.60m</i> | -1 | 0.15     |         | 0.40   |          | 0.06  |         | -0.06 | m2    |      |
| <b>3ER NIVEL</b>          |                                                                                                                                                                                                          |                                      |    |          |         |        |          |       |         |       |       |      |



  
 ARQUITECTO  
 C.O.P. 17206



PLANILLA DE METRADOS

| PROYECTO                          | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |                                |       |         |                  |          |         |        |          |         |         |       |      |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------|---------|------------------|----------|---------|--------|----------|---------|---------|-------|------|
|                                   | ESPECIALIDAD                                                                                                                                                                                             | ENTIDAD                        | LUGAR | PARTIDA | ESPECIFICACIONES | N° VECES | MEDIDAS |        |          | PARCIAL |         | TOTAL | UNID |
| 03 ARQUITECTURA                   | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              | ZARUMILLA - ZARUMILLA - TUMBES | LARGO |         |                  |          | ANCHO   | ALTURA | LONGITUD | AREA    | VOLUMEN |       |      |
| <b>EXTERIOR</b>                   |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| Placa 01 (1.45 x 1.45)            |                                                                                                                                                                                                          |                                |       |         | 3                | 1.45     |         | 15.30  |          | 22.19   |         | 66.56 | m2   |
| C-01 (0.60x0.35)                  |                                                                                                                                                                                                          |                                |       |         | 1                | 1.45     |         | 18.00  |          | 26.10   |         | 26.10 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.35     |         | 18.00  |          | 6.30    |         | 6.30  | m2   |
| <b>1ER NIVEL</b>                  |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| <b>EXTERIOR-PASADIZO</b>          |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| EJE 1-1 Frontal                   |                                                                                                                                                                                                          |                                |       |         | 1                | 1.45     |         | 3.35   |          | 4.86    |         | 4.86  | m2   |
| descuento de viga                 |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.30     |         | 2.95   |          | 0.89    |         | 0.89  | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.55     |         | 2.95   |          | 1.62    |         | 1.62  | m2   |
| EJE A-A Lateral                   |                                                                                                                                                                                                          |                                |       |         | 1                | 1.80     |         | 3.35   |          | 6.03    |         | 6.03  | m2   |
| descuento de viga                 |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 1.45     |         | 3.35   |          | 4.86    |         | 4.86  | m2   |
| descuento de viga                 |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
| <b>INTERIOR</b>                   |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| <b>EJE 1-1</b>                    |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| PL-01                             |                                                                                                                                                                                                          |                                |       |         | 1                | 2.60     |         | 3.55   |          | 9.23    |         | 9.23  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| descuento de VP104 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| <b>C-01</b>                       |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| descuento de VP103 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.60     |         | 3.55   |          | 2.13    |         | 2.13  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| descuento de VP103 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.60     |         | 3.55   |          | 2.13    |         | 2.13  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
| PL-02 _ montacarga                |                                                                                                                                                                                                          |                                |       |         | 1                | 1.80     |         | 3.55   |          | 6.39    |         | 6.39  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 2.25     |         | 3.55   |          | 7.99    |         | 7.99  | m2   |
| descuento de VP101-102 0.30x0.60m |                                                                                                                                                                                                          |                                |       |         | -1               | 0.55     |         | 0.40   |          | 0.22    |         | -0.22 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 4.95     |         | 15.35  |          | 75.98   |         | 75.98 | m2   |
| descuento de VA 0.30x0.60m        |                                                                                                                                                                                                          |                                |       |         | -4               | 0.30     |         | 0.60   |          | 0.18    |         | -0.72 | m2   |
| <b>EJE 3-3</b>                    |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| PL-01                             |                                                                                                                                                                                                          |                                |       |         | 2                | 2.60     |         | 3.55   |          | 9.23    |         | 18.46 | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -2               | 0.15     |         | 0.40   |          | 0.06    |         | -0.12 | m2   |
| descuento de VP104 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -2               | 0.15     |         | 0.40   |          | 0.06    |         | -0.12 | m2   |
| <b>C-01</b>                       |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.60     |         | 3.55   |          | 2.13    |         | 2.13  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| descuento de VP103 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.45     |         | 3.55   |          | 1.60    |         | 1.60  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.50   |          | 0.08    |         | -0.08 | m2   |
| PL-03                             |                                                                                                                                                                                                          |                                |       |         | 2                | 2.50     |         | 18.10  |          | 45.25   |         | 90.50 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.30     |         | 18.10  |          | 5.43    |         | 5.43  | m2   |
| <b>2DO NIVEL</b>                  |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| <b>EXTERIOR-PASADIZO</b>          |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| EJE 1-1 Frontal                   |                                                                                                                                                                                                          |                                |       |         | 1                | 1.45     |         | 3.55   |          | 5.15    |         | 5.15  | m2   |
| descuento de viga                 |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.30     |         | 3.15   |          | 0.95    |         | 0.95  | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.55     |         | 3.15   |          | 1.73    |         | 1.73  | m2   |
| <b>EJE A-A Lateral</b>            |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 1.80     |         | 3.55   |          | 6.39    |         | 6.39  | m2   |
| descuento de viga                 |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 1.45     |         | 3.55   |          | 5.15    |         | 5.15  | m2   |
| descuento de viga                 |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
| <b>INTERIOR</b>                   |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| <b>EJE 1-1</b>                    |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| PL-01                             |                                                                                                                                                                                                          |                                |       |         | 1                | 2.60     |         | 3.55   |          | 9.23    |         | 9.23  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| descuento de VP104 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| <b>C-01</b>                       |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.60     |         | 3.55   |          | 2.13    |         | 2.13  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
| descuento de VP103 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.60     |         | 3.55   |          | 2.13    |         | 2.13  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
| PL-02 _ montacarga                |                                                                                                                                                                                                          |                                |       |         | 1                | 1.80     |         | 3.55   |          | 6.39    |         | 6.39  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.30     |         | 0.40   |          | 0.12    |         | -0.12 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 2.25     |         | 3.55   |          | 7.99    |         | 7.99  | m2   |
| descuento de VP101-102 0.30x0.60m |                                                                                                                                                                                                          |                                |       |         | -1               | 0.55     |         | 0.40   |          | 0.22    |         | -0.22 | m2   |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 4.95     |         | 15.35  |          | 75.98   |         | 75.98 | m2   |
| descuento de VA 0.30x0.60m        |                                                                                                                                                                                                          |                                |       |         | -4               | 0.30     |         | 0.60   |          | 0.18    |         | -0.72 | m2   |
| <b>EJE 3-3</b>                    |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
| PL-01                             |                                                                                                                                                                                                          |                                |       |         | 2                | 2.60     |         | 3.55   |          | 9.23    |         | 18.46 | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -2               | 0.15     |         | 0.40   |          | 0.06    |         | -0.12 | m2   |
| descuento de VP104 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -2               | 0.15     |         | 0.40   |          | 0.06    |         | -0.12 | m2   |
| <b>C-01</b>                       |                                                                                                                                                                                                          |                                |       |         |                  |          |         |        |          |         |         |       |      |
|                                   |                                                                                                                                                                                                          |                                |       |         | 1                | 0.60     |         | 3.55   |          | 2.13    |         | 2.13  | m2   |
| descuento de VA101 0.30x0.60m     |                                                                                                                                                                                                          |                                |       |         | -1               | 0.15     |         | 0.40   |          | 0.06    |         | -0.06 | m2   |



**ARQUITECTO**
  
 924P. 17206

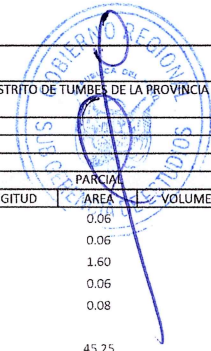


## PLANILLA DE METRADOS

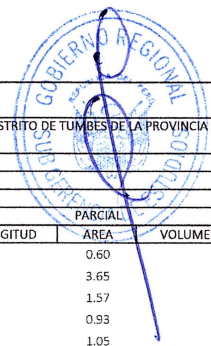
| PROYECTO     | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |       |       |      |         |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-------|-------|------|---------|
| ESPECIALIDAD | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |       |       |      |         |
| ENTIDAD      | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |       |       |      |         |
| LUGAR        | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |       |       |      |         |
| PARTIDA      | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |       | TOTAL | UNID |         |
|              |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA  |       |      | VOLUMEN |
|              | <i>descuento de VP103 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.45    |       | 3.55   |          | 1.60  | 1.60  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              |                                                                                                                                                                                                          | -1       | 0.15    |       | 0.50   |          | 0.08  | -0.08 | m2   |         |
|              | PL-03                                                                                                                                                                                                    | 2        | 2.50    |       | 18.10  |          | 45.25 | 90.50 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.30    |       | 18.10  |          | 5.43  | 5.43  | m2   |         |
|              | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |       |      |         |
|              | EXTERIOR-PASADIZO                                                                                                                                                                                        |          |         |       |        |          |       |       |      |         |
|              | EJE 1-1 Frontal                                                                                                                                                                                          | 1        | 1.45    |       | 3.55   |          | 5.15  | 5.15  | m2   |         |
|              | <i>descuento de viga</i>                                                                                                                                                                                 | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.30    |       | 3.15   |          | 0.95  | 0.95  | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.55    |       | 3.15   |          | 1.73  | 1.73  | m2   |         |
|              | EJE A-A Lateral                                                                                                                                                                                          | 1        | 1.80    |       | 3.55   |          | 6.39  | 6.39  | m2   |         |
|              | <i>descuento de viga</i>                                                                                                                                                                                 | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 1.45    |       | 3.55   |          | 5.15  | 5.15  | m2   |         |
|              | <i>descuento de viga</i>                                                                                                                                                                                 | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |       |       |      |         |
|              | EJE 1-1                                                                                                                                                                                                  |          |         |       |        |          |       |       |      |         |
|              | PL-01                                                                                                                                                                                                    | 1        | 2.60    |       | 3.55   |          | 9.23  | 9.23  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              | <i>descuento de VP104 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              | C-01                                                                                                                                                                                                     | 1        | 0.60    |       | 3.55   |          | 2.13  | 2.13  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              | <i>descuento de VP103 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.60    |       | 3.55   |          | 2.13  | 2.13  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              | PL-02 _ montacarga                                                                                                                                                                                       | 1        | 1.80    |       | 3.55   |          | 6.39  | 6.39  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 2.25    |       | 3.55   |          | 7.99  | 7.99  | m2   |         |
|              | <i>descuento de VP101-102 0.30x0.60m</i>                                                                                                                                                                 | -1       | 0.55    |       | 0.40   |          | 0.22  | -0.22 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 4.95    |       | 15.35  |          | 75.98 | 75.98 | m2   |         |
|              | <i>descuento de VA 0.30x0.60m</i>                                                                                                                                                                        | -4       | 0.30    |       | 0.60   |          | 0.18  | -0.72 | m2   |         |
|              | EJE 3-3                                                                                                                                                                                                  |          |         |       |        |          |       |       |      |         |
|              | PL-01                                                                                                                                                                                                    | 2        | 2.60    |       | 3.55   |          | 9.23  | 18.46 | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -2       | 0.15    |       | 0.40   |          | 0.06  | -0.12 | m2   |         |
|              | <i>descuento de VP104 0.30x0.60m</i>                                                                                                                                                                     | -2       | 0.15    |       | 0.40   |          | 0.06  | -0.12 | m2   |         |
|              | C-01                                                                                                                                                                                                     | 1        | 0.60    |       | 3.55   |          | 2.13  | 2.13  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              | <i>descuento de VP103 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.45    |       | 3.55   |          | 1.60  | 1.60  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              |                                                                                                                                                                                                          | -1       | 0.15    |       | 0.50   |          | 0.08  | -0.08 | m2   |         |
|              | PL-03                                                                                                                                                                                                    | 2        | 2.50    |       | 18.10  |          | 45.25 | 90.50 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.30    |       | 18.10  |          | 5.43  | 5.43  | m2   |         |
|              | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |       |      |         |
|              | EXTERIOR-PASADIZO                                                                                                                                                                                        |          |         |       |        |          |       |       |      |         |
|              | EJE 1-1 Frontal                                                                                                                                                                                          | 1        | 1.45    |       | 3.55   |          | 5.15  | 5.15  | m2   |         |
|              | <i>descuento de viga</i>                                                                                                                                                                                 | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.30    |       | 3.15   |          | 0.95  | 0.95  | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.55    |       | 3.15   |          | 1.73  | 1.73  | m2   |         |
|              | EJE A-A Lateral                                                                                                                                                                                          | 1        | 1.80    |       | 3.55   |          | 6.39  | 6.39  | m2   |         |
|              | <i>descuento de viga</i>                                                                                                                                                                                 | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 1.45    |       | 3.55   |          | 5.15  | 5.15  | m2   |         |
|              | <i>descuento de viga</i>                                                                                                                                                                                 | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |       |       |      |         |
|              | EJE 1-1                                                                                                                                                                                                  |          |         |       |        |          |       |       |      |         |
|              | PL-01                                                                                                                                                                                                    | 1        | 2.60    |       | 3.55   |          | 9.23  | 9.23  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              | <i>descuento de VP104 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              | C-01                                                                                                                                                                                                     | 1        | 0.60    |       | 3.55   |          | 2.13  | 2.13  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              | <i>descuento de VP103 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.15    |       | 0.40   |          | 0.06  | -0.06 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 0.60    |       | 3.55   |          | 2.13  | 2.13  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              | PL-02 _ montacarga                                                                                                                                                                                       | 1        | 1.80    |       | 3.55   |          | 6.39  | 6.39  | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -1       | 0.30    |       | 0.40   |          | 0.12  | -0.12 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 2.25    |       | 3.55   |          | 7.99  | 7.99  | m2   |         |
|              | <i>descuento de VP101-102 0.30x0.60m</i>                                                                                                                                                                 | -1       | 0.55    |       | 0.40   |          | 0.22  | -0.22 | m2   |         |
|              |                                                                                                                                                                                                          | 1        | 4.95    |       | 15.35  |          | 75.98 | 75.98 | m2   |         |
|              | <i>descuento de VA 0.30x0.60m</i>                                                                                                                                                                        | -4       | 0.30    |       | 0.60   |          | 0.18  | -0.72 | m2   |         |
|              | EJE 3-3                                                                                                                                                                                                  |          |         |       |        |          |       |       |      |         |
|              | PL-01                                                                                                                                                                                                    | 2        | 2.60    |       | 3.55   |          | 9.23  | 18.46 | m2   |         |
|              | <i>descuento de VA101 0.30x0.60m</i>                                                                                                                                                                     | -2       | 0.15    |       | 0.40   |          | 0.06  | -0.12 | m2   |         |
|              | <i>descuento de VP104 0.30x0.60m</i>                                                                                                                                                                     | -2       | 0.15    |       | 0.40   |          | 0.06  | -0.12 | m2   |         |
|              | C-01                                                                                                                                                                                                     | 1        | 0.60    |       | 3.55   |          | 2.13  | 2.13  | m2   |         |

ARQUITECTO
   
 CAP. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |           |         |       |               |    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-----------|---------|-------|---------------|----|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |           |         |       |               |    |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |           |         |       |               |    |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |           |         |       |               |    |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |           |         |       |               |    |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIALES |         | TOTAL | UNID          |    |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA      | VOLUMEN |       |               |    |
|                      | descuento de VA101 0.30x0.60m                                                                                                                                                                            | -1       | 0.15    |       | 0.40   |          |           | 0.06    |       | -0.06         | m2 |
|                      | descuento de VP103 0.30x0.60m                                                                                                                                                                            | -1       | 0.15    |       | 0.40   |          |           | 0.06    |       | -0.06         | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.45    |       | 3.55   |          |           | 1.60    |       | 1.60          | m2 |
|                      | descuento de VA101 0.30x0.60m                                                                                                                                                                            | -1       | 0.15    |       | 0.40   |          |           | 0.06    |       | -0.06         | m2 |
|                      |                                                                                                                                                                                                          | -1       | 0.15    |       | 0.50   |          |           | 0.08    |       | -0.08         | m2 |
|                      | PL-03                                                                                                                                                                                                    | 2        | 2.50    |       | 18.10  |          |           | 45.25   |       | 90.50         | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.30    |       | 18.10  |          |           | 5.43    |       | 5.43          | m2 |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |           |         |       | <b>12.33</b>  |    |
|                      | <b>EXTERIOR</b>                                                                                                                                                                                          |          |         |       |        |          |           |         |       |               |    |
|                      | C1                                                                                                                                                                                                       |          |         |       |        |          |           |         |       |               |    |
|                      |                                                                                                                                                                                                          | 3        | 0.25    |       | 3.20   |          |           | 0.80    |       | 2.40          | m2 |
|                      |                                                                                                                                                                                                          | 4        | 0.30    |       | 3.20   |          |           | 0.96    |       | 3.84          | m2 |
|                      | <b>INTERIOR</b>                                                                                                                                                                                          |          |         |       |        |          |           |         |       |               |    |
|                      | C1                                                                                                                                                                                                       |          |         |       |        |          |           |         |       |               |    |
|                      |                                                                                                                                                                                                          | 4        | 0.25    |       | 2.90   |          |           | 0.73    |       | 2.90          | m2 |
|                      |                                                                                                                                                                                                          | 2        | 0.55    |       | 2.90   |          |           | 1.60    |       | 3.19          | m2 |
|                      | <b>CERCO PERIMETRICO</b>                                                                                                                                                                                 |          |         |       |        |          |           |         |       | <b>90.03</b>  |    |
|                      | C - 0.25x0.25m                                                                                                                                                                                           | 1        | 0.60    |       | 2.90   |          |           | 1.74    |       | 1.74          | m2 |
|                      |                                                                                                                                                                                                          | 13       | 0.45    |       | 2.90   |          |           | 1.31    |       | 16.97         | m2 |
|                      |                                                                                                                                                                                                          | 23       | 0.35    |       | 2.90   |          |           | 1.02    |       | 23.35         | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       | 2.90   |          |           | 1.36    |       | 1.36          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.44    |       | 2.90   |          |           | 1.26    |       | 1.26          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 1.74    |       | 2.90   |          |           | 5.05    |       | 5.05          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.10    |       | 2.90   |          |           | 0.29    |       | 0.29          | m2 |
|                      | <b>PORTICO DE INGRESO</b>                                                                                                                                                                                |          |         |       |        |          |           |         |       |               |    |
|                      |                                                                                                                                                                                                          | 1        | 0.45    |       | 5.10   |          |           | 2.30    |       | 2.30          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.25    |       | 5.10   |          |           | 1.28    |       | 1.28          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.90    |       | 5.10   |          |           | 4.59    |       | 4.59          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 2.35    |       | 3.60   |          |           | 8.46    |       | 8.46          | m2 |
|                      |                                                                                                                                                                                                          | 4        | 1.00    |       | 1.25   |          |           | 1.25    |       | 5.00          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 0.30    |       | 1.00   |          |           | 0.30    |       | 0.30          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 3.60   |          |           | 8.10    |       | 8.10          | m2 |
|                      | <b>EN CERCO FRONTAL</b>                                                                                                                                                                                  |          |         |       |        |          |           |         |       |               |    |
|                      |                                                                                                                                                                                                          | 1        | 1.45    |       | 3.20   |          |           | 4.64    |       | 4.64          | m2 |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 3.20   |          |           | 5.44    |       | 5.44          | m2 |
|                      |                                                                                                                                                                                                          | -1       | 0.20    |       | 0.40   |          |           | 0.08    |       | -0.08         | m2 |
| 03.02.05             | Tarrajeo en Cielo Raso Prop: 1:4 e=1.5Cm Cemento tipo MS                                                                                                                                                 |          |         |       |        |          |           |         |       | 1777.59       | m2 |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |           |         |       | <b>954.52</b> |    |
|                      | 1er nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 238.63  |       |               | m2 |
|                      | 2do nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 238.63  |       |               | m2 |
|                      | 3er nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 238.63  |       |               | m2 |
|                      | 4to nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 238.63  |       |               | m2 |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |           |         |       | <b>477.92</b> |    |
|                      | 1er nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 119.48  |       |               | m2 |
|                      | 2do nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 119.48  |       |               | m2 |
|                      | 3er nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 119.48  |       |               | m2 |
|                      | 4to nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 119.48  |       |               | m2 |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |           |         |       | <b>326.85</b> |    |
|                      | 1er nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 71.97   |       |               | m2 |
|                      | 2do nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 71.97   |       |               | m2 |
|                      | 3er nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 71.97   |       |               | m2 |
|                      | 4to nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 74.11   |       |               | m2 |
|                      | 5to nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 36.83   |       |               | m3 |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |           |         |       | <b>18.30</b>  |    |
|                      | 1er nivel                                                                                                                                                                                                | 1        |         |       |        |          |           | 18.30   |       |               | m2 |
| 03.02.06             | Tarrajeo de Vigas Prop 1:4 e=1.5Cm. Cemento tipo MS                                                                                                                                                      |          |         |       |        |          |           |         |       | 1066.85       | m2 |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |           |         |       | <b>452.24</b> |    |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |           |         |       |               |    |
|                      | <b>EN PASADIZO LONGITUDINAL</b>                                                                                                                                                                          |          |         |       |        |          |           |         |       |               |    |
|                      | VB101 (0.25 x 0.65)                                                                                                                                                                                      | 1        | 12.42   |       | 0.70   |          |           | 8.69    |       |               | m2 |
|                      |                                                                                                                                                                                                          | 1        | 12.42   | 0.25  |        |          |           | 3.11    |       |               | m2 |
|                      |                                                                                                                                                                                                          | 1        | 12.42   |       | 0.45   |          |           | 5.59    |       |               | m2 |
|                      | descuento de vigas                                                                                                                                                                                       | 1        |         | 0.30  | 0.45   |          |           | 0.14    |       |               | m2 |
|                      | de eje B al D                                                                                                                                                                                            | 3        |         | 0.35  | 0.45   |          |           | 0.47    |       |               | m2 |
|                      |                                                                                                                                                                                                          | 1        | 10.17   |       | 0.45   |          |           | 4.58    |       |               | m2 |
|                      |                                                                                                                                                                                                          | 1        | 10.17   | 0.25  |        |          |           | 2.54    |       |               | m2 |
|                      |                                                                                                                                                                                                          | 1        | 10.17   |       | 0.20   |          |           | 2.03    |       |               | m2 |
|                      | descuento de vigas                                                                                                                                                                                       | 1        |         | 0.25  | 0.40   |          |           | 0.10    |       |               | m2 |
|                      |                                                                                                                                                                                                          | 2        |         | 0.35  | 0.45   |          |           | 0.32    |       |               | m2 |
|                      | <b>EJE 1-1</b>                                                                                                                                                                                           |          |         |       |        |          |           |         |       |               |    |
|                      | VA-102 (0.30 x 0.40)                                                                                                                                                                                     | 1        | 2.30    |       | 0.20   |          |           | 0.46    |       |               | m2 |
|                      | pasadizo                                                                                                                                                                                                 | 1        | 2.65    |       | 0.20   |          |           | 0.53    |       |               | m2 |



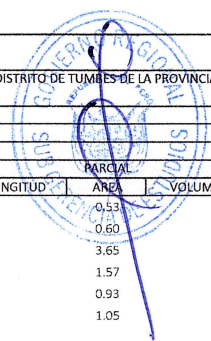
  
 ARQUITECTO  
 CAP. 17206




PLANILLA DE METRADOS

| PROYECTO | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |                 |         |       |        |          |      |         |       |      |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|-------|--------|----------|------|---------|-------|------|
|          | ESPECIALIDAD                                                                                                                                                                                             | 03 ARQUITECTURA |         |       |        |          |      |         |       |      |
| ENTIDAD  | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |                 |         |       |        |          |      |         |       |      |
| LUGAR    | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |                 |         |       |        |          |      |         |       |      |
| PARTIDA  | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES        | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID |
|          |                                                                                                                                                                                                          |                 | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |      |
|          | interior                                                                                                                                                                                                 | 1               | 3.00    |       | 0.20   |          |      | 0.60    |       | m2   |
|          |                                                                                                                                                                                                          | 4               | 2.61    |       | 0.35   |          |      | 3.65    |       | m2   |
|          |                                                                                                                                                                                                          | 3               | 2.61    |       | 0.20   |          |      | 1.57    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 2.65    |       | 0.35   |          |      | 0.93    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.00    |       | 0.35   |          |      | 1.05    |       | m2   |
|          | EJE 2-2                                                                                                                                                                                                  |                 |         |       |        |          |      |         |       |      |
|          | VA-101 (0.30 x 0.40)                                                                                                                                                                                     | 1               | 16.09   |       | 0.40   |          |      | 6.44    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 16.09   |       | 0.35   |          |      | 5.63    |       | m2   |
|          | EJE A & G                                                                                                                                                                                                |                 |         |       |        |          |      |         |       |      |
|          | VP-101 (0.30 x 0.65)                                                                                                                                                                                     | 2               | 3.75    |       | 0.70   |          |      | 5.25    |       | m2   |
|          |                                                                                                                                                                                                          | 2               | 3.75    |       | 0.60   |          |      | 4.50    |       | m2   |
|          | en pasadizo                                                                                                                                                                                              | 1               | 1.73    |       | 0.45   |          |      | 0.78    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.48    |       | 0.45   |          |      | 0.67    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.95    |       | 0.70   |          |      | 1.37    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.70    |       | 0.75   |          |      | 1.28    |       | m2   |
|          | EJE B-D-F                                                                                                                                                                                                |                 |         |       |        |          |      |         |       |      |
|          | VP-102 (0.35 x 0.65)                                                                                                                                                                                     | 3               | 6.95    |       | 1.25   |          |      | 26.06   |       | m2   |
|          |                                                                                                                                                                                                          | 3               | 1.48    |       | 1.25   |          |      | 5.55    |       | m2   |
|          | EJE C-E                                                                                                                                                                                                  |                 |         |       |        |          |      |         |       |      |
|          | VP-103 (0.35 x 0.65)                                                                                                                                                                                     | 2               | 6.95    |       | 1.10   |          |      | 15.29   |       | m2   |
|          |                                                                                                                                                                                                          | 2               | 1.48    |       | 1.25   |          |      | 3.70    |       | m2   |
|          | <b>2DO NIVEL</b>                                                                                                                                                                                         |                 |         |       |        |          |      |         |       |      |
|          | <b>EN PASADIZO LONGITUDINAL</b>                                                                                                                                                                          |                 |         |       |        |          |      |         |       |      |
|          | VB201 (0.25 x 0.65)                                                                                                                                                                                      | 1               | 12.42   |       | 0.70   |          |      | 8.69    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 12.42   | 0.25  |        |          |      | 3.11    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 12.42   |       | 0.45   |          |      | 5.59    |       | m2   |
|          | descuento de vigas                                                                                                                                                                                       | 1               |         | 0.30  | 0.45   |          |      | 0.14    |       | m2   |
|          |                                                                                                                                                                                                          | 3               |         | 0.35  | 0.45   |          |      | 0.47    |       | m2   |
|          | de eje B al D                                                                                                                                                                                            | 1               | 10.17   |       | 0.45   |          |      | 4.58    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 10.17   | 0.25  |        |          |      | 2.54    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 10.17   |       | 0.20   |          |      | 2.03    |       | m2   |
|          | descuento de vigas                                                                                                                                                                                       | 1               |         | 0.25  | 0.40   |          |      | 0.10    |       | m2   |
|          |                                                                                                                                                                                                          | 2               |         | 0.35  | 0.45   |          |      | 0.32    |       | m2   |
|          | EJE 1-1                                                                                                                                                                                                  |                 |         |       |        |          |      |         |       |      |
|          | VA-202 (0.30 x 0.40)                                                                                                                                                                                     | 1               | 2.30    |       | 0.20   |          |      | 0.46    |       | m2   |
|          | pasadizo                                                                                                                                                                                                 | 1               | 2.65    |       | 0.20   |          |      | 0.53    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.00    |       | 0.20   |          |      | 0.60    |       | m2   |
|          | interior                                                                                                                                                                                                 | 4               | 2.61    |       | 0.35   |          |      | 3.65    |       | m2   |
|          |                                                                                                                                                                                                          | 3               | 2.61    |       | 0.20   |          |      | 1.57    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 2.65    |       | 0.35   |          |      | 0.93    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.00    |       | 0.35   |          |      | 1.05    |       | m2   |
|          | EJE 2-2                                                                                                                                                                                                  |                 |         |       |        |          |      |         |       |      |
|          | VA-201 (0.30 x 0.40)                                                                                                                                                                                     | 1               | 16.09   |       | 0.40   |          |      | 6.44    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 16.09   |       | 0.35   |          |      | 5.63    |       | m2   |
|          | EJE A & G                                                                                                                                                                                                |                 |         |       |        |          |      |         |       |      |
|          | VP-201 (0.30 x 0.65)                                                                                                                                                                                     | 2               | 3.75    |       | 0.70   |          |      | 5.25    |       | m2   |
|          |                                                                                                                                                                                                          | 2               | 3.75    |       | 0.60   |          |      | 4.50    |       | m2   |
|          | en pasadizo                                                                                                                                                                                              | 1               | 1.73    |       | 0.45   |          |      | 0.78    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.48    |       | 0.45   |          |      | 0.67    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.95    |       | 0.70   |          |      | 1.37    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.70    |       | 0.75   |          |      | 1.28    |       | m2   |
|          | EJE B-D-F                                                                                                                                                                                                |                 |         |       |        |          |      |         |       |      |
|          | VP-202 (0.35 x 0.65)                                                                                                                                                                                     | 3               | 6.95    |       | 1.25   |          |      | 26.06   |       | m2   |
|          |                                                                                                                                                                                                          | 3               | 1.48    |       | 1.25   |          |      | 5.55    |       | m2   |
|          | EJE C-E                                                                                                                                                                                                  |                 |         |       |        |          |      |         |       |      |
|          | VP-203 (0.35 x 0.65)                                                                                                                                                                                     | 2               | 6.95    |       | 1.10   |          |      | 15.29   |       | m2   |
|          |                                                                                                                                                                                                          | 2               | 1.48    |       | 1.25   |          |      | 3.70    |       | m2   |
|          | <b>3ER NIVEL</b>                                                                                                                                                                                         |                 |         |       |        |          |      |         |       |      |
|          | <b>EN PASADIZO LONGITUDINAL</b>                                                                                                                                                                          |                 |         |       |        |          |      |         |       |      |
|          | VB301 (0.25 x 0.65)                                                                                                                                                                                      | 1               | 12.42   |       | 0.70   |          |      | 8.69    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 12.42   | 0.25  |        |          |      | 3.11    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 12.42   |       | 0.45   |          |      | 5.59    |       | m2   |
|          | descuento de vigas                                                                                                                                                                                       | 1               |         | 0.30  | 0.45   |          |      | 0.14    |       | m2   |
|          |                                                                                                                                                                                                          | 3               |         | 0.35  | 0.45   |          |      | 0.47    |       | m2   |
|          | de eje B al D                                                                                                                                                                                            | 1               | 10.17   |       | 0.45   |          |      | 4.58    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 10.17   | 0.25  |        |          |      | 2.54    |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 10.17   |       | 0.20   |          |      | 2.03    |       | m2   |
|          | descuento de vigas                                                                                                                                                                                       | 1               |         | 0.25  | 0.40   |          |      | 0.10    |       | m2   |
|          |                                                                                                                                                                                                          | 2               |         | 0.35  | 0.45   |          |      | 0.32    |       | m2   |
|          | EJE 1-1                                                                                                                                                                                                  |                 |         |       |        |          |      |         |       |      |
|          | VA-302 (0.30 x 0.40)                                                                                                                                                                                     | 1               | 2.30    |       | 0.20   |          |      | 0.46    |       | m2   |
|          | pasadizo                                                                                                                                                                                                 | 1               | 2.65    |       | 0.20   |          |      | 0.53    |       | m2   |

**ARQUITECTO**  
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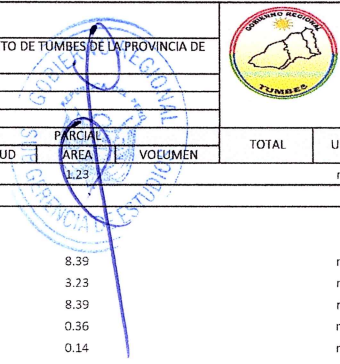



| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |       |         |       |               |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-------|---------|-------|---------------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |       |         |       |               |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |       |         |       |               |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |       |         |       |               |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |       |         |       |               |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |       |         | TOTAL | UNID          |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA  | VOLUMEN |       |               |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 0.20   |          | 0.53  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 0.20   |          | 0.60  |         |       | m2            |
|                      | interior                                                                                                                                                                                                 | 4        | 2.61    |       | 0.35   |          | 3.65  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 3        | 2.61    |       | 0.20   |          | 1.57  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 0.35   |          | 0.93  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 0.35   |          | 1.05  |         |       | m2            |
|                      | EJE 2-2<br>VA-301 (0.30 x 0.40)                                                                                                                                                                          | 1        | 16.09   |       | 0.40   |          | 6.44  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 16.09   |       | 0.35   |          | 5.63  |         |       | m2            |
|                      | EJE A & G<br>VP-301 (0.30 x 0.65)                                                                                                                                                                        | 2        | 3.75    |       | 0.70   |          | 5.25  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 2        | 3.75    |       | 0.60   |          | 4.50  |         |       | m2            |
|                      | en pasadizo                                                                                                                                                                                              | 1        | 1.73    |       | 0.45   |          | 0.78  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.48    |       | 0.45   |          | 0.67  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.95    |       | 0.70   |          | 1.37  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 0.75   |          | 1.28  |         |       | m2            |
|                      | EJE B-D-F<br>VP-302 (0.35 x 0.65)                                                                                                                                                                        | 3        | 6.95    |       | 1.25   |          | 26.06 |         |       | m2            |
|                      |                                                                                                                                                                                                          | 3        | 1.48    |       | 1.25   |          | 5.55  |         |       | m2            |
|                      | EJE C-E<br>VP-303 (0.35 x 0.65)                                                                                                                                                                          | 2        | 6.95    |       | 1.10   |          | 15.29 |         |       | m2            |
|                      |                                                                                                                                                                                                          | 2        | 1.48    |       | 1.25   |          | 3.70  |         |       | m2            |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      | <b>EN PASADIZO LONGITUDINAL</b>                                                                                                                                                                          |          |         |       |        |          |       |         |       |               |
|                      | VB401 (0.25 x 0.65)                                                                                                                                                                                      | 1        | 12.42   |       | 0.70   |          | 8.69  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 12.42   | 0.25  |        |          | 3.11  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 12.42   |       | 0.45   |          | 5.59  |         |       | m2            |
|                      | descuento de vigas                                                                                                                                                                                       | 1        |         | 0.30  | 0.45   |          | 0.14  |         |       | m2            |
|                      | de eje B al D                                                                                                                                                                                            | 3        |         | 0.35  | 0.45   |          | 0.47  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 10.17   |       | 0.45   |          | 4.58  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 10.17   | 0.25  |        |          | 2.54  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 10.17   |       | 0.20   |          | 2.03  |         |       | m2            |
|                      | descuento de vigas                                                                                                                                                                                       | 1        |         | 0.25  | 0.40   |          | 0.10  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 2        |         | 0.35  | 0.45   |          | 0.32  |         |       | m2            |
|                      | EJE 1-1<br>VA-402 (0.30 x 0.40)                                                                                                                                                                          | 1        | 2.30    |       | 0.20   |          | 0.46  |         |       | m2            |
|                      | pasadizo                                                                                                                                                                                                 | 1        | 2.65    |       | 0.20   |          | 0.53  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 0.20   |          | 0.60  |         |       | m2            |
|                      | interior                                                                                                                                                                                                 | 4        | 2.61    |       | 0.35   |          | 3.65  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 3        | 2.61    |       | 0.20   |          | 1.57  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.65    |       | 0.35   |          | 0.93  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 3.00    |       | 0.35   |          | 1.05  |         |       | m2            |
|                      | EJE 2-2<br>VA-401 (0.30 x 0.40)                                                                                                                                                                          | 1        | 16.09   |       | 0.40   |          | 6.44  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 16.09   |       | 0.35   |          | 5.63  |         |       | m2            |
|                      | EJE A & G<br>VP-401 (0.30 x 0.65)                                                                                                                                                                        | 2        | 3.75    |       | 0.70   |          | 5.25  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 2        | 3.75    |       | 0.60   |          | 4.50  |         |       | m2            |
|                      | en pasadizo                                                                                                                                                                                              | 1        | 1.73    |       | 0.45   |          | 0.78  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.48    |       | 0.30   |          | 0.44  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.95    |       | 0.70   |          | 1.37  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       | 0.75   |          | 1.28  |         |       | m2            |
|                      | EJE B-C-E-F<br>VP-402 (0.35 x 0.65)                                                                                                                                                                      | 4        | 6.95    |       | 1.25   |          | 34.75 |         |       | m2            |
|                      |                                                                                                                                                                                                          | 4        | 1.48    |       | 1.25   |          | 7.40  |         |       | m2            |
|                      | EJE D-D<br>VP-403 (0.35 x 0.65)                                                                                                                                                                          | 1        | 6.95    |       | 1.10   |          | 7.65  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 1.48    |       | 1.25   |          | 1.85  |         |       | m2            |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       | <b>257.77</b> |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |       |               |
|                      | <b>EN PASADIZO LONGITUDINAL</b>                                                                                                                                                                          |          |         |       |        |          |       |         |       |               |
|                      | VB101 (0.20 x 0.60)                                                                                                                                                                                      | 1        | 12.90   |       | 0.65   |          | 8.39  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 12.90   | 0.25  |        |          | 3.23  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 12.90   |       | 0.65   |          | 8.39  |         |       | m2            |
|                      | descuento de vigas                                                                                                                                                                                       | 3        |         | 0.30  | 0.40   |          | 0.36  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        |         | 0.35  | 0.40   |          | 0.14  |         |       | m2            |
|                      | EJE 3-3<br>VA-103 (0.30 x 0.50)                                                                                                                                                                          | 1        | 3.45    |       | 0.30   |          | 1.04  |         |       | m2            |
|                      | pasadizo                                                                                                                                                                                                 | 1        | 3.55    |       | 0.30   |          | 1.07  |         |       | m2            |
|                      |                                                                                                                                                                                                          | 1        | 2.25    |       | 0.30   |          | 0.68  |         |       | m2            |

  
**ARQUITECTO**  
**CAP. 17206**




| PLANILLA DE METRADOS |                                                                                                                                                                                                         |          |         |       |        |          |      |         |       |      |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|------|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOLA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |      |         |       |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                         |          |         |       |        |          |      |         |       |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                          |          |         |       |        |          |      |         |       |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                        | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID |
|                      |                                                                                                                                                                                                         |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |      |
|                      | 3ER NIVEL                                                                                                                                                                                               | 1        | 1.75    |       | 0.70   |          | 1.23 |         |       | m2   |
|                      | EN PASADIZO LONGITUDINAL                                                                                                                                                                                |          |         |       |        |          |      |         |       |      |
|                      | V301 (0.20 x 0.60)                                                                                                                                                                                      | 1        | 12.90   |       | 0.65   |          | 8.39 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 12.90   | 0.25  |        |          | 3.23 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 12.90   |       | 0.65   |          | 8.39 |         |       | m2   |
|                      | descuento de vigas                                                                                                                                                                                      | 3        |         | 0.30  | 0.40   |          | 0.36 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        |         | 0.35  | 0.40   |          | 0.14 |         |       | m2   |
|                      | EJE 3-3                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VA-303 (0.30 x 0.50)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | pasadizo                                                                                                                                                                                                | 1        | 3.45    |       | 0.30   |          | 1.04 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.55    |       | 0.30   |          | 1.07 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.30   |          | 0.68 |         |       | m2   |
|                      | interior                                                                                                                                                                                                |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.45    |       | 0.45   |          | 1.55 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.55    |       | 0.45   |          | 1.60 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.45   |          | 1.01 |         |       | m2   |
|                      | EJE 2-2                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VA-302 (0.30 x 0.50)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.05    |       | 0.55   |          | 1.68 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.05    |       | 0.45   |          | 1.37 |         |       | m2   |
|                      | EJE 1-1                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VA301 (0.30 x 0.50)                                                                                                                                                                                     |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.60    |       | 0.55   |          | 1.98 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.55   |          | 1.24 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.60    |       | 0.45   |          | 1.62 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.45   |          | 1.01 |         |       | m2   |
|                      | EJE A-A                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VP-301 (0.30 x 0.60)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.50    |       | 0.65   |          | 2.28 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.50    |       | 0.55   |          | 1.93 |         |       | m2   |
|                      | en pasadizo                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 1.95    |       | 0.65   |          | 1.27 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 1.75    |       | 0.70   |          | 1.23 |         |       | m2   |
|                      | EJE B-B                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VP-302 (0.30 x 0.60)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 5.70    |       | 0.95   |          | 5.42 |         |       | m2   |
|                      | en pasadizo                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 1.75    |       | 1.10   |          | 1.93 |         |       | m2   |
|                      | EJE C-C                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VP-303 (0.35 x 0.60)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 6.95    |       | 1.15   |          | 7.99 |         |       | m2   |
|                      | en pasadizo                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 1.75    |       | 1.15   |          | 2.01 |         |       | m2   |
|                      | EJE D-D                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VP-304 (0.30 x 0.60)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 4.85    |       | 0.55   |          | 2.67 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 0.90    |       | 0.20   |          | 0.18 |         |       | m2   |
|                      | en pasadizo                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 1.75    |       | 0.70   |          | 1.23 |         |       | m2   |
|                      | 4TO NIVEL                                                                                                                                                                                               |          |         |       |        |          |      |         |       |      |
|                      | EN PASADIZO LONGITUDINAL                                                                                                                                                                                |          |         |       |        |          |      |         |       |      |
|                      | V401 (0.20 x 0.60)                                                                                                                                                                                      | 1        | 12.90   |       | 0.65   |          | 8.39 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 12.90   | 0.25  |        |          | 3.23 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 12.90   |       | 0.65   |          | 8.39 |         |       | m2   |
|                      | descuento de vigas                                                                                                                                                                                      | 3        |         | 0.30  | 0.40   |          | 0.36 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        |         | 0.35  | 0.40   |          | 0.14 |         |       | m2   |
|                      | EJE 3-3                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VA-403 (0.30 x 0.50)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | pasadizo                                                                                                                                                                                                | 1        | 3.45    |       | 0.30   |          | 1.04 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.55    |       | 0.30   |          | 1.07 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.30   |          | 0.68 |         |       | m2   |
|                      | interior                                                                                                                                                                                                |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.45    |       | 0.45   |          | 1.55 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.55    |       | 0.45   |          | 1.60 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.45   |          | 1.01 |         |       | m2   |
|                      | EJE 2-2                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VA-402 (0.30 x 0.50)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.05    |       | 0.55   |          | 1.68 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.05    |       | 0.45   |          | 1.37 |         |       | m2   |
|                      | EJE 1-1                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VA401 (0.30 x 0.50)                                                                                                                                                                                     |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.60    |       | 0.55   |          | 1.98 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.55   |          | 1.24 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.60    |       | 0.45   |          | 1.62 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 2.25    |       | 0.45   |          | 1.01 |         |       | m2   |
|                      | EJE A-A                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |      |
|                      | VP-401 (0.30 x 0.60)                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 3.50    |       | 0.65   |          | 2.28 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 3.50    |       | 0.55   |          | 1.93 |         |       | m2   |
|                      | en pasadizo                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                         | 1        | 1.95    |       | 0.65   |          | 1.27 |         |       | m2   |
|                      |                                                                                                                                                                                                         | 1        | 1.75    |       | 0.70   |          | 1.23 |         |       | m2   |



  
**ARQUITECTO**  
 CAP. 17206

## PLANILLA DE METRADOS

| PROYECTO                        | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |                           |       |         |                  |          |         |       | TOTAL  | UNID     |               |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------|---------|------------------|----------|---------|-------|--------|----------|---------------|
|                                 | ESPECIALIDAD                                                                                                                                                                                             | ENTIDAD                   | LUGAR | PARTIDA | ESPECIFICACIONES | N° VECES | MEDIDAS |       |        |          | PARCIAL       |
|                                 |                                                                                                                                                                                                          |                           |       |         |                  |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA          |
| <b>MÓDULO 03</b>                |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          | <b>916.79</b> |
| <b>1ER NIVEL</b>                |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| <b>EN PASADIZO LONGITUDINAL</b> |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| V101 (0.20 x 0.60)              |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 11.70   |                  | 0.65     |         | 7.61  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 11.70   | 0.25             |          |         | 2.93  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 11.70   |                  | 0.40     |         | 4.68  |        | m2       |               |
|                                 |                                                                                                                                                                                                          | <i>descuento de vigas</i> | 3     |         | 0.30             | 0.40     |         | 0.36  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 2     |         | 0.25             | 0.40     |         | 0.20  |        | m2       |               |
| <b>EJE 1-1</b>                  |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| VA-101 (0.30 x 0.60)            |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| pasadizo                        |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.70    |                  | 0.40     |         | 0.68  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.85    |                  | 0.40     |         | 0.74  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 3.60    |                  | 0.40     |         | 1.44  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 3.15    |                  | 0.40     |         | 1.26  |        | m2       |               |
|                                 |                                                                                                                                                                                                          | interior                  | 1     | 1.70    |                  | 0.70     |         | 1.19  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.85    |                  | 0.70     |         | 1.30  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 3.60    |                  | 0.70     |         | 2.52  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 2.00    |                  | 0.55     |         | 1.10  |        | m2       |               |
| <b>EJE 3-3</b>                  |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| VA-102 (0.30 x 0.60)            |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| exterior                        |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.95    |                  | 0.65     |         | 1.27  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 4.55    |                  | 0.65     |         | 2.96  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 2.00    |                  | 0.65     |         | 1.30  |        | m2       |               |
|                                 |                                                                                                                                                                                                          | interior                  | 1     | 1.70    |                  | 0.70     |         | 1.19  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 0.70    |                  | 0.55     |         | 0.39  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 3.60    |                  | 1.10     |         | 3.96  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 2.00    |                  | 0.55     |         | 1.10  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 0.80    |                  | 0.65     |         | 0.52  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 3.60    |                  | 0.45     |         | 1.62  |        | m2       |               |
| <b>EN PASADIZO TRANSVERSAL</b>  |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| V101 (0.20 x 0.60)              |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 7.80    |                  | 0.65     |         | 5.07  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 7.80    | 0.25             |          |         | 1.95  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 7.80    |                  | 0.40     |         | 3.12  |        | m2       |               |
|                                 |                                                                                                                                                                                                          | <i>descuento de vigas</i> | 2     |         | 0.30             | 0.40     |         | 0.24  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     |         | 0.25             | 0.40     |         | 0.10  |        | m2       |               |
| <b>EJE A-A</b>                  |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| VP-101 (0.30 x 0.60)            |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| interior                        |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 2.60    |                  | 0.70     |         | 1.82  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.70    |                  | 1.10     |         | 1.87  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.00    |                  | 0.40     |         | 0.40  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.45    |                  | 0.40     |         | 0.58  |        | m2       |               |
| <b>EJE B-B</b>                  |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| VP-102 (0.25 x 0.60)            |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| interior                        |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 3.75    |                  | 0.50     |         | 1.88  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 3.75    |                  | 0.65     |         | 2.44  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.70    |                  | 1.10     |         | 1.87  |        | m2       |               |
| <b>EJE C-C</b>                  |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| VP-103 (0.30 x 0.60)            |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| interior                        |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 4.65    |                  | 1.15     |         | 5.35  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.70    |                  | 1.10     |         | 1.87  |        | m2       |               |
| <b>EJE D-D</b>                  |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| VP-104 (0.30 x 0.60)            |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| interior                        |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 2.95    |                  | 1.20     |         | 3.54  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 1.70    |                  | 1.35     |         | 2.30  |        | m2       |               |
| <b>2DO NIVEL</b>                |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| <b>EN PASADIZO LONGITUDINAL</b> |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
| V201 (0.20 x 0.60)              |                                                                                                                                                                                                          |                           |       |         |                  |          |         |       |        |          |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 11.70   |                  | 0.65     |         | 7.61  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 11.70   | 0.25             |          |         | 2.93  |        | m2       |               |
|                                 |                                                                                                                                                                                                          |                           | 1     | 11.70   |                  | 0.40     |         | 4.68  |        | m2       |               |

  
 Arquitecto  
 CAP. 17206

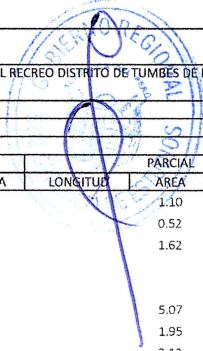
## PLANILLA DE METRADOS




| PROYECTO                 | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |         |       |         |                  |          |         |       |        |          | TOTAL | UNID    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------|------------------|----------|---------|-------|--------|----------|-------|---------|
|                          | ESPECIALIDAD                                                                                                                                                                                             | ENTIDAD | LUGAR | PARTIDA | ESPECIFICACIONES | N° VECES | MEDIDAS |       |        | PARCIAL  |       |         |
|                          |                                                                                                                                                                                                          |         |       |         |                  |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA  | VOLUMEN |
| descuento de vigas       |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
|                          |                                                                                                                                                                                                          |         |       |         | 3                | 0.30     | 0.40    |       | 0.36   |          |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 2                |          | 0.25    | 0.40  |        | 0.20     |       | m2      |
| EJE 1-1                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VA-201 (0.30 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 0.40  |        | 0.68     |       | m2      |
| pasadizo                 |                                                                                                                                                                                                          |         |       |         | 1                | 1.85     |         | 0.40  |        | 0.74     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.60     |         | 0.40  |        | 1.44     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.15     |         | 0.40  |        | 1.26     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 0.70  |        | 1.19     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.85     |         | 0.70  |        | 1.30     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.60     |         | 0.70  |        | 2.52     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 2.00     |         | 0.55  |        | 1.10     |       | m2      |
| EJE 3-3                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VA-202 (0.30 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 1.95     |         | 0.65  |        | 1.27     |       | m2      |
| exterior                 |                                                                                                                                                                                                          |         |       |         | 1                | 4.55     |         | 0.65  |        | 2.96     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 2.00     |         | 0.65  |        | 1.30     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 0.70  |        | 1.19     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 0.70     |         | 0.55  |        | 0.39     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.60     |         | 1.10  |        | 3.96     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 2.00     |         | 0.55  |        | 1.10     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 0.80     |         | 0.65  |        | 0.52     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.60     |         | 0.45  |        | 1.62     |       | m2      |
| EN PASADIZO TRANSVERSAL  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| V201 (0.20 x 0.60)       |                                                                                                                                                                                                          |         |       |         | 1                | 7.80     |         | 0.65  |        | 5.07     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 7.80     | 0.25    |       |        | 1.95     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 7.80     |         | 0.40  |        | 3.12     |       | m2      |
| descuento de vigas       |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
|                          |                                                                                                                                                                                                          |         |       |         | 2                |          | 0.30    | 0.40  |        | 0.24     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                |          | 0.25    | 0.40  |        | 0.10     |       | m2      |
| EJE A-A                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VP-201 (0.30 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 2.60     |         | 0.70  |        | 1.82     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 1.10  |        | 1.87     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.00     |         | 0.40  |        | 0.40     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.45     |         | 0.40  |        | 0.58     |       | m2      |
| EJE B-B                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VP-202 (0.25 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 3.75     |         | 0.50  |        | 1.88     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         | 1                | 3.75     |         | 0.65  |        | 2.44     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 1.10  |        | 1.87     |       | m2      |
| EJE C-C                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VP-203 (0.30 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 4.65     |         | 1.15  |        | 5.35     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 1.10  |        | 1.87     |       | m2      |
| EJE D-D                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VP-204 (0.30 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 2.95     |         | 1.20  |        | 3.54     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 1.35  |        | 2.30     |       | m2      |
| 3ER NIVEL                |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| EN PASADIZO LONGITUDINAL |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| V301 (0.20 x 0.60)       |                                                                                                                                                                                                          |         |       |         | 1                | 11.70    |         | 0.65  |        | 7.61     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 11.70    | 0.25    |       |        | 2.93     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 11.70    |         | 0.40  |        | 4.68     |       | m2      |
| descuento de vigas       |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
|                          |                                                                                                                                                                                                          |         |       |         | 3                |          | 0.30    | 0.40  |        | 0.36     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 2                |          | 0.25    | 0.40  |        | 0.20     |       | m2      |
| EJE 1-1                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VA-301 (0.30 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 0.40  |        | 0.68     |       | m2      |
| pasadizo                 |                                                                                                                                                                                                          |         |       |         | 1                | 1.85     |         | 0.40  |        | 0.74     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.60     |         | 0.40  |        | 1.44     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.15     |         | 0.40  |        | 1.26     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 0.70  |        | 1.19     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.85     |         | 0.70  |        | 1.30     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.60     |         | 0.70  |        | 2.52     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 2.00     |         | 0.55  |        | 1.10     |       | m2      |
| EJE 3-3                  |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
| VA-302 (0.30 x 0.60)     |                                                                                                                                                                                                          |         |       |         | 1                | 1.95     |         | 0.65  |        | 1.27     |       | m2      |
| exterior                 |                                                                                                                                                                                                          |         |       |         | 1                | 4.55     |         | 0.65  |        | 2.96     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 2.00     |         | 0.65  |        | 1.30     |       | m2      |
| interior                 |                                                                                                                                                                                                          |         |       |         |                  |          |         |       |        |          |       |         |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 1.70     |         | 0.70  |        | 1.19     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 0.70     |         | 0.55  |        | 0.39     |       | m2      |
|                          |                                                                                                                                                                                                          |         |       |         | 1                | 3.60     |         | 1.10  |        | 3.96     |       | m2      |

Quetzalcoatl Medina
   
 ARQUITECTO
   
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PLANILLA DE METRADOS



| PROYECTO | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |                 |         |       |        |          |         |         |       |      |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|-------|--------|----------|---------|---------|-------|------|
|          | ESPECIALIDAD                                                                                                                                                                                             | 03 ARQUITECTURA |         |       |        |          |         |         |       |      |
| ENTIDAD  | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |                 |         |       |        |          |         |         |       |      |
| LUGAR    | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |                 |         |       |        |          |         |         |       |      |
| PARTIDA  | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES        | MEDIDAS |       |        |          | PARCIAL |         | TOTAL | UNID |
|          |                                                                                                                                                                                                          |                 | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |       |      |
|          | EN PASADIZO TRANSVERSAL                                                                                                                                                                                  | 1               | 2.00    |       | 0.55   |          | 1.10    |         |       | m2   |
|          | V301 (0.20 x 0.60)                                                                                                                                                                                       | 1               | 0.80    |       | 0.65   |          | 0.52    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.60    |       | 0.45   |          | 1.62    |         |       | m2   |
|          | EN PASADIZO TRANSVERSAL                                                                                                                                                                                  | 1               | 7.80    |       | 0.65   |          | 5.07    |         |       | m2   |
|          | V301 (0.20 x 0.60)                                                                                                                                                                                       | 1               | 7.80    | 0.25  |        |          | 1.95    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 7.80    |       | 0.40   |          | 3.12    |         |       | m2   |
|          | descuento de vigas                                                                                                                                                                                       | 2               |         | 0.30  | 0.40   |          | 0.24    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               |         | 0.25  | 0.40   |          | 0.10    |         |       | m2   |
|          | EJE A-A                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VP-301 (0.30 x 0.60)                                                                                                                                                                                     | 1               | 2.60    |       | 0.70   |          | 1.82    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 1.70    |       | 1.10   |          | 1.87    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.00    |       | 0.40   |          | 0.40    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.45    |       | 0.40   |          | 0.58    |         |       | m2   |
|          | EJE B-B                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VP-302 (0.25 x 0.60)                                                                                                                                                                                     | 1               | 3.75    |       | 0.50   |          | 1.88    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 3.75    |       | 0.65   |          | 2.44    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.70    |       | 1.10   |          | 1.87    |         |       | m2   |
|          | EJE C-C                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VP-303 (0.30 x 0.60)                                                                                                                                                                                     | 1               | 4.65    |       | 1.15   |          | 5.35    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 1.70    |       | 1.10   |          | 1.87    |         |       | m2   |
|          | EJE D-D                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VP-304 (0.30 x 0.60)                                                                                                                                                                                     | 1               | 2.95    |       | 1.20   |          | 3.54    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 1.70    |       | 1.35   |          | 2.30    |         |       | m2   |
|          | 4TO NIVEL                                                                                                                                                                                                |                 |         |       |        |          |         |         |       |      |
|          | EN PASADIZO LONGITUDINAL                                                                                                                                                                                 |                 |         |       |        |          |         |         |       |      |
|          | V401 (0.70 x 0.60)                                                                                                                                                                                       | 1               | 11.70   |       | 0.65   |          | 7.61    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 11.70   | 0.25  |        |          | 2.93    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 11.70   |       | 0.40   |          | 4.68    |         |       | m2   |
|          | descuento de vigas                                                                                                                                                                                       | 3               |         | 0.30  | 0.40   |          | 0.36    |         |       | m2   |
|          |                                                                                                                                                                                                          | 2               |         | 0.25  | 0.40   |          | 0.20    |         |       | m2   |
|          | EJE 1-1                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VA-401 (0.30 x 0.60)                                                                                                                                                                                     | 1               | 1.70    |       | 0.40   |          | 0.68    |         |       | m2   |
|          | pasadizo                                                                                                                                                                                                 | 1               | 1.85    |       | 0.40   |          | 0.74    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.60    |       | 0.40   |          | 1.44    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.15    |       | 0.40   |          | 1.26    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 1.70    |       | 0.70   |          | 1.19    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.85    |       | 0.70   |          | 1.30    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.60    |       | 0.70   |          | 2.52    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 2.00    |       | 0.55   |          | 1.10    |         |       | m2   |
|          | EJE 3-3                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VA-402 (0.30 x 0.60)                                                                                                                                                                                     | 1               | 1.95    |       | 0.65   |          | 1.27    |         |       | m2   |
|          | exterior                                                                                                                                                                                                 | 1               | 4.55    |       | 0.65   |          | 2.96    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 2.00    |       | 0.65   |          | 1.30    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 1.70    |       | 0.70   |          | 1.19    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 0.70    |       | 0.55   |          | 0.39    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.60    |       | 1.10   |          | 3.96    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 2.00    |       | 0.55   |          | 1.10    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 0.80    |       | 0.65   |          | 0.52    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 3.60    |       | 0.45   |          | 1.62    |         |       | m2   |
|          | EN PASADIZO TRANSVERSAL                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | V401 (0.20 x 0.60)                                                                                                                                                                                       | 1               | 7.80    |       | 0.65   |          | 5.07    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 7.80    | 0.25  |        |          | 1.95    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 7.80    |       | 0.40   |          | 3.12    |         |       | m2   |
|          | descuento de vigas                                                                                                                                                                                       | 2               |         | 0.30  | 0.40   |          | 0.24    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               |         | 0.25  | 0.40   |          | 0.10    |         |       | m2   |
|          | EJE A-A                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VP-401 (0.30 x 0.60)                                                                                                                                                                                     | 1               | 2.60    |       | 0.70   |          | 1.82    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 1.70    |       | 1.10   |          | 1.87    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.00    |       | 0.40   |          | 0.40    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.45    |       | 0.40   |          | 0.58    |         |       | m2   |
|          | EJE B-B                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |
|          | VP-402 (0.25 x 0.60)                                                                                                                                                                                     | 1               | 3.75    |       | 0.50   |          | 1.88    |         |       | m2   |
|          | interior                                                                                                                                                                                                 | 1               | 3.75    |       | 0.65   |          | 2.44    |         |       | m2   |
|          |                                                                                                                                                                                                          | 1               | 1.70    |       | 1.10   |          | 1.87    |         |       | m2   |
|          | EJE C-C                                                                                                                                                                                                  |                 |         |       |        |          |         |         |       |      |

  
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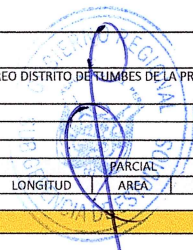
PLANILLA DE METRADOS



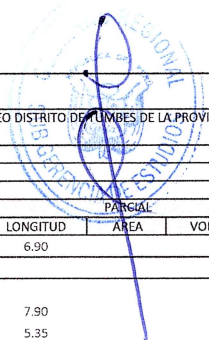
| PROYECTO | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |                             |                                                                      |         |                                             |          |         |        |          |         |       |        |         |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------|---------|---------------------------------------------|----------|---------|--------|----------|---------|-------|--------|---------|
|          | ESPECIALIDAD                                                                                                                                                                                             | ENTIDAD                     | LUGAR                                                                | PARTIDA | ESPECIFICACIONES                            | N° VECES | MEDIDAS |        |          | PARCIAL | TOTAL | UNID   |         |
|          |                                                                                                                                                                                                          |                             | LARGO                                                                |         |                                             |          | ANCHO   | ALTURA | LONGITUD | AREA    |       |        | VOLUMEN |
|          | 03 ARQUITECTURA                                                                                                                                                                                          | GOBIERNO REGIONAL DE TUMBES | ZARUMILLA - ZARUMILLA - TUMBES                                       |         | VP-403 (0.30 x 0.60)<br>interior            | 1        | 4.65    |        | 1.15     |         | 5.35  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | EJE D-D<br>VP-404 (0.30 x 0.60)<br>interior | 1        | 1.70    |        | 1.10     |         | 1.87  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 2.95    |        | 1.20     |         | 3.54  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 1.70    |        | 1.35     |         | 2.30  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 5TO NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | VP-501 (0.30 x 0.50)                        | 1        | 2.50    |        | 0.40     |         | 1.00  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 2.50    |        | 0.45     |         | 1.13  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | VP-501 (0.30 x 0.50)                        | 1        | 5.70    |        | 0.50     |         | 2.85  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 5.70    |        | 0.60     |         | 3.42  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | VP-504 (0.30 x 0.50)                        | 1        | 4.65    |        | 1.15     |         | 5.35  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | VP-502 (0.30 x 0.50)                        | 1        | 4.55    |        | 0.95     |         | 4.32  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | CERCO PERIMETRICO                           |          |         |        |          |         |       | 40.06  |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 4        | 3.50    |        | 0.40     |         | 5.60  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 3.31    |        | 0.40     |         | 1.32  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 2        | 2.82    |        | 0.40     |         | 2.26  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 1.93    |        | 0.40     |         | 0.77  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 2.54    |        | 0.40     |         | 1.02  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 1.82    |        | 0.40     |         | 0.73  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 3.32    |        | 0.40     |         | 1.33  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 3.03    |        | 0.40     |         | 1.21  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 3.10    |        | 0.40     |         | 1.24  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 8        | 3.00    |        | 0.40     |         | 9.60  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 0.93    |        | 0.40     |         | 0.37  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 1.52    |        | 0.40     |         | 0.61  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 2        | 3.53    |        | 0.40     |         | 2.82  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 2.30    |        | 0.40     |         | 0.92  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 1.70    |        | 0.40     |         | 0.68  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | PORTICO DE INGRESO                          |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 4        | 2.81    |        | 0.25     |         | 2.81  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 2        | 2.81    |        | 0.45     |         | 2.53  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 2.81    |        | 0.60     |         | 1.69  | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         |                                             | 1        | 3.00    |        | 0.85     |         | 2.55  | m2     |         |
| 03.02.07 |                                                                                                                                                                                                          |                             | Tarrajeo Rayado Primario Mezcla 1:4                                  |         |                                             |          |         |        |          |         |       | 328.32 | m2      |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | MÓDULO 02                                   |          |         |        |          |         |       | 270.72 |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 1ER NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH. Mujeres                              | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Hombres                               | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 2DO NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH. Mujeres                              | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Hombres                               | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 3ER NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH. Mujeres                              | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Hombres                               | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 4TO NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH. Mujeres                              | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Hombres                               | 1        | 18.80   |        | 1.80     |         | 33.84 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | MÓDULO 03                                   |          |         |        |          |         |       | 57.60  |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 1ER NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Disc.                                 | 1        | 8.00    |        | 1.80     |         | 14.40 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 2DO NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Disc.                                 | 1        | 8.00    |        | 1.80     |         | 14.40 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 3ER NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Disc.                                 | 1        | 8.00    |        | 1.80     |         | 14.40 | m2     |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | 4TO NIVEL                                   |          |         |        |          |         |       |        |         |
|          |                                                                                                                                                                                                          |                             |                                                                      |         | SS.HH Disc.                                 | 1        | 8.00    |        | 1.80     |         | 14.40 | m2     |         |
| 03.02.08 |                                                                                                                                                                                                          |                             | Revestimiento de derrames h=0.15m prop. 1:4 e= 1.5Cm cemento Tipo MS |         |                                             |          |         |        |          |         |       | 943.82 | ml      |

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CAP. 17209


| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|---------------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |               |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |               |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |               |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL         | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |               |      |
| <b>MÓDULO 01</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         | <b>460.68</b> |      |
| <b>1ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| VANOS PUERTAS        |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | P1                                                                                                                                                                                                       | 3        |         |       |        | 8.10     |      |         | 24.30         | ml   |
| VANOS VENTANAS       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | V1                                                                                                                                                                                                       | 4        |         |       |        | 9.52     |      |         | 38.08         | ml   |
|                      | V2                                                                                                                                                                                                       | 1        |         |       |        | 9.60     |      |         | 9.60          | ml   |
|                      | V3                                                                                                                                                                                                       | 1        |         |       |        | 10.30    |      |         | 10.30         | ml   |
|                      | VA-01                                                                                                                                                                                                    | 1        |         |       |        | 8.12     |      |         | 8.12          | ml   |
|                      | VA-02                                                                                                                                                                                                    | 2        |         |       |        | 5.22     |      |         | 10.44         | ml   |
|                      | VA-03                                                                                                                                                                                                    | 1        |         |       |        | 6.00     |      |         | 6.00          | ml   |
|                      | VA-04                                                                                                                                                                                                    | 1        |         |       |        | 8.20     |      |         | 8.20          | ml   |
|                      | VA-05                                                                                                                                                                                                    | 1        |         |       |        | 8.12     |      |         | 8.12          | ml   |
| <b>2DO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| VANOS PUERTAS        |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | P1                                                                                                                                                                                                       | 3        |         |       |        | 8.10     |      |         | 24.30         | ml   |
| VANOS VENTANAS       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | V1                                                                                                                                                                                                       | 4        |         |       |        | 9.52     |      |         | 38.08         | ml   |
|                      | V2                                                                                                                                                                                                       | 1        |         |       |        | 9.60     |      |         | 9.60          | ml   |
|                      | V3                                                                                                                                                                                                       | 1        |         |       |        | 10.30    |      |         | 10.30         | ml   |
|                      | VA-01                                                                                                                                                                                                    | 1        |         |       |        | 8.12     |      |         | 8.12          | ml   |
|                      | VA-02                                                                                                                                                                                                    | 2        |         |       |        | 5.22     |      |         | 10.44         | ml   |
|                      | VA-03                                                                                                                                                                                                    | 1        |         |       |        | 6.00     |      |         | 6.00          | ml   |
|                      | VA-04                                                                                                                                                                                                    | 1        |         |       |        | 8.20     |      |         | 8.20          | ml   |
|                      | VA-05                                                                                                                                                                                                    | 1        |         |       |        | 8.12     |      |         | 8.12          | ml   |
| <b>3ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| VANOS PUERTAS        |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | P1                                                                                                                                                                                                       | 3        |         |       |        | 8.10     |      |         | 24.30         | ml   |
| VANOS VENTANAS       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | V1                                                                                                                                                                                                       | 4        |         |       |        | 9.52     |      |         | 38.08         | ml   |
|                      | V2                                                                                                                                                                                                       | 1        |         |       |        | 9.60     |      |         | 9.60          | ml   |
|                      | V3                                                                                                                                                                                                       | 1        |         |       |        | 10.30    |      |         | 10.30         | ml   |
|                      | VA-01                                                                                                                                                                                                    | 1        |         |       |        | 8.12     |      |         | 8.12          | ml   |
|                      | VA-02                                                                                                                                                                                                    | 2        |         |       |        | 5.22     |      |         | 10.44         | ml   |
|                      | VA-03                                                                                                                                                                                                    | 1        |         |       |        | 6.00     |      |         | 6.00          | ml   |
|                      | VA-04                                                                                                                                                                                                    | 1        |         |       |        | 8.20     |      |         | 8.20          | ml   |
|                      | VA-05                                                                                                                                                                                                    | 1        |         |       |        | 8.12     |      |         | 8.12          | ml   |
| <b>4TO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| VANOS PUERTAS        |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | P1                                                                                                                                                                                                       | 2        |         |       |        | 8.10     |      |         | 16.20         | ml   |
| VANOS VENTANAS       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | V1                                                                                                                                                                                                       | 4        |         |       |        | 9.52     |      |         | 38.08         | ml   |
|                      | V2                                                                                                                                                                                                       | 1        |         |       |        | 9.60     |      |         | 9.60          | ml   |
|                      | V3                                                                                                                                                                                                       | 1        |         |       |        | 10.30    |      |         | 10.30         | ml   |
|                      | VA-01                                                                                                                                                                                                    | 1        |         |       |        | 8.12     |      |         | 8.12          | ml   |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 8.90     |      |         | 8.90          | ml   |
| <b>MÓDULO 02</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         | <b>303.62</b> |      |
| <b>1ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| VANOS PUERTAS        |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 7.90     |      |         | 7.90          | ml   |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 5.35     |      |         | 5.35          | ml   |
| VANOS VENTANAS       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | V4                                                                                                                                                                                                       | 1        |         |       |        | 8.60     |      |         | 8.60          | ml   |
|                      | V5                                                                                                                                                                                                       | 1        |         |       |        | 11.30    |      |         | 11.30         | ml   |
|                      | VA-06                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |      |         | 4.30          | ml   |
|                      | VA-07                                                                                                                                                                                                    | 1        |         |       |        | 9.80     |      |         | 9.80          | ml   |
|                      | VA-08                                                                                                                                                                                                    | 1        |         |       |        | 4.80     |      |         | 4.80          | ml   |
|                      | VA-09                                                                                                                                                                                                    | 1        |         |       |        | 9.50     |      |         | 9.50          | ml   |
|                      | VA-10                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |      |         | 4.30          | ml   |
|                      | VA-11                                                                                                                                                                                                    | 1        |         |       |        | 6.90     |      |         | 6.90          | ml   |
| <b>2DO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| VANOS PUERTAS        |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 7.90     |      |         | 7.90          | ml   |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 5.35     |      |         | 5.35          | ml   |
| VANOS VENTANAS       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | V4                                                                                                                                                                                                       | 1        |         |       |        | 8.60     |      |         | 8.60          | ml   |
|                      | V5                                                                                                                                                                                                       | 1        |         |       |        | 11.30    |      |         | 11.30         | ml   |
|                      | VA-06                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |      |         | 4.30          | ml   |
|                      | VA-07                                                                                                                                                                                                    | 1        |         |       |        | 9.80     |      |         | 9.80          | ml   |
|                      | VA-08                                                                                                                                                                                                    | 1        |         |       |        | 4.80     |      |         | 4.80          | ml   |
|                      | VA-09                                                                                                                                                                                                    | 1        |         |       |        | 9.50     |      |         | 9.50          | ml   |
|                      | VA-10                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |      |         | 4.30          | ml   |
|                      | VA-11                                                                                                                                                                                                    | 1        |         |       |        | 6.90     |      |         | 6.90          | ml   |
| <b>3ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
| VANOS PUERTAS        |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 7.90     |      |         | 7.90          | ml   |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 5.35     |      |         | 5.35          | ml   |
| VANOS VENTANAS       |                                                                                                                                                                                                          |          |         |       |        |          |      |         |               |      |
|                      | V4                                                                                                                                                                                                       | 1        |         |       |        | 8.60     |      |         | 8.60          | ml   |
|                      | V5                                                                                                                                                                                                       | 1        |         |       |        | 11.30    |      |         | 11.30         | ml   |
|                      | VA-06                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |      |         | 4.30          | ml   |
|                      | VA-07                                                                                                                                                                                                    | 1        |         |       |        | 9.80     |      |         | 9.80          | ml   |
|                      | VA-08                                                                                                                                                                                                    | 1        |         |       |        | 4.80     |      |         | 4.80          | ml   |
|                      | VA-09                                                                                                                                                                                                    | 1        |         |       |        | 9.50     |      |         | 9.50          | ml   |
|                      | VA-10                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |      |         | 4.30          | ml   |



  
**ARQUITECTO**  
 CAP. 17206



| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |       |         |               |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-------|---------|---------------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |       |         |               |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |       |         |               |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |       |         |               |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |       |         | TOTAL         | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA  | VOLUMEN |               |      |
|                      | VA-11                                                                                                                                                                                                    | 1        |         |       |        | 6.90     |       |         | 6.90          | ml   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |               |      |
|                      | VANOS PUERTAS                                                                                                                                                                                            | 1        |         |       |        | 7.90     |       |         | 7.90          | ml   |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 5.35     |       |         | 5.35          | ml   |
|                      | VANOS VENTANAS                                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
|                      | V4                                                                                                                                                                                                       | 1        |         |       |        | 8.60     |       |         | 8.60          | ml   |
|                      | V5                                                                                                                                                                                                       | 1        |         |       |        | 11.30    |       |         | 11.30         | ml   |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 7.26     |       |         | 7.26          | ml   |
|                      | VA-06                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |       |         | 4.30          | ml   |
|                      | VA-07                                                                                                                                                                                                    | 1        |         |       |        | 9.80     |       |         | 9.80          | ml   |
|                      | VA-08                                                                                                                                                                                                    | 1        |         |       |        | 4.80     |       |         | 4.80          | ml   |
|                      | VA-09                                                                                                                                                                                                    | 1        |         |       |        | 9.50     |       |         | 9.50          | ml   |
|                      | VA-10                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |       |         | 4.30          | ml   |
|                      | VA-11                                                                                                                                                                                                    | 1        |         |       |        | 6.90     |       |         | 6.90          | ml   |
|                      |                                                                                                                                                                                                          | 1        |         |       |        | 5.36     |       |         | 5.36          | ml   |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |       |         | <b>154.80</b> |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |               |      |
|                      | VANOS PUERTAS                                                                                                                                                                                            |          |         |       |        |          |       |         |               |      |
|                      | P4                                                                                                                                                                                                       | 2        |         |       |        | 7.50     |       |         | 15.00         | ml   |
|                      | VANOS VENTANAS                                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
|                      | VA-12                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |       |         | 4.30          | ml   |
|                      | VA-13                                                                                                                                                                                                    | 1        |         |       |        | 6.50     |       |         | 6.50          | ml   |
|                      | VA-14                                                                                                                                                                                                    | 1        |         |       |        | 4.00     |       |         | 4.00          | ml   |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |               |      |
|                      | VANOS PUERTAS                                                                                                                                                                                            |          |         |       |        |          |       |         |               |      |
|                      | P4                                                                                                                                                                                                       | 2        |         |       |        | 7.50     |       |         | 15.00         | ml   |
|                      | VANOS VENTANAS                                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
|                      | VA-12                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |       |         | 4.30          | ml   |
|                      | VA-13                                                                                                                                                                                                    | 1        |         |       |        | 6.50     |       |         | 6.50          | ml   |
|                      | VA-14                                                                                                                                                                                                    | 1        |         |       |        | 4.00     |       |         | 4.00          | ml   |
|                      | vano escalera                                                                                                                                                                                            | 1        |         |       |        | 10.00    |       |         | 10.00         | ml   |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |               |      |
|                      | VANOS PUERTAS                                                                                                                                                                                            |          |         |       |        |          |       |         |               |      |
|                      | P4                                                                                                                                                                                                       | 2        |         |       |        | 7.50     |       |         | 15.00         | ml   |
|                      | VANOS VENTANAS                                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
|                      | VA-12                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |       |         | 4.30          | ml   |
|                      | VA-13                                                                                                                                                                                                    | 1        |         |       |        | 6.50     |       |         | 6.50          | ml   |
|                      | VA-14                                                                                                                                                                                                    | 1        |         |       |        | 4.00     |       |         | 4.00          | ml   |
|                      | vano escalera                                                                                                                                                                                            | 1        |         |       |        | 10.00    |       |         | 10.00         | ml   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |               |      |
|                      | VANOS PUERTAS                                                                                                                                                                                            |          |         |       |        |          |       |         |               |      |
|                      | P4                                                                                                                                                                                                       | 2        |         |       |        | 7.50     |       |         | 15.00         | ml   |
|                      | VANOS VENTANAS                                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
|                      | VA-12                                                                                                                                                                                                    | 1        |         |       |        | 4.30     |       |         | 4.30          | ml   |
|                      | VA-13                                                                                                                                                                                                    | 1        |         |       |        | 6.50     |       |         | 6.50          | ml   |
|                      | VA-14                                                                                                                                                                                                    | 1        |         |       |        | 4.00     |       |         | 4.00          | ml   |
|                      | vano escalera                                                                                                                                                                                            | 1        |         |       |        | 10.00    |       |         | 10.00         | ml   |
|                      | <b>5TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |               |      |
|                      | VANOS PUERTAS                                                                                                                                                                                            | 1        |         |       |        | 5.60     |       |         | 5.60          | ml   |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |       |         | <b>24.72</b>  |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |       |         |               |      |
|                      | VANOS PUERTAS                                                                                                                                                                                            |          |         |       |        |          |       |         |               |      |
|                      | P3                                                                                                                                                                                                       | 1        |         |       |        | 7.00     |       |         | 7.00          | ml   |
|                      | VANOS VENTANAS                                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
|                      | FALTA # DE VANO                                                                                                                                                                                          | 1        |         |       |        | 3.60     |       |         | 3.60          | ml   |
|                      | FALTA # DE VANO                                                                                                                                                                                          | 2        |         |       |        | 7.06     |       |         | 14.12         | ml   |
| 03.02.09             | Tarrajeo con Aditivo Impermeabilizante con acabado pulido                                                                                                                                                |          |         |       |        |          |       |         | 27.10         | m2   |
|                      | <b>CISTERNA</b>                                                                                                                                                                                          |          |         |       |        |          |       |         |               |      |
|                      | tapa interior + base                                                                                                                                                                                     | 2        |         | 3.20  | 1.90   |          |       | 12.16   |               | m2   |
|                      | descuento de tapa metálica                                                                                                                                                                               | -1       |         | 0.60  | 0.60   |          |       | -0.36   |               | m2   |
|                      | lado 1                                                                                                                                                                                                   | 2        |         | 3.20  | 1.50   |          |       | 9.60    |               | m2   |
|                      | lado 2                                                                                                                                                                                                   | 2        |         | 1.9   | 1.50   |          |       | 5.70    |               | m2   |
| 03.02.10             | Tarrajeo de Sardineles de concreto prop. 1:4 e=1.5Cm                                                                                                                                                     |          |         |       |        |          |       |         | 52.14         | m2   |
|                      | <b>EXTERIOR</b>                                                                                                                                                                                          |          |         |       |        |          |       |         |               |      |
|                      | en patio de formación                                                                                                                                                                                    | 1        |         |       | 0.20   |          | 34.73 |         | 34.93         | m2   |
|                      | en vereda entre MOD 01 y 02                                                                                                                                                                              | 1        |         |       | 0.20   |          | 1.80  |         | 2.00          | m2   |
|                      | en ingreso principal                                                                                                                                                                                     | 1        |         |       | 0.20   |          | 12.86 |         | 13.06         | m2   |
|                      |                                                                                                                                                                                                          | 1        |         |       | 0.10   |          | 2.05  |         | 2.15          | m2   |
| 03.03                | <b>PINTURA</b>                                                                                                                                                                                           |          |         |       |        |          |       |         |               |      |
| 03.03.01             | Pintura Látex en muros exteriores                                                                                                                                                                        |          |         |       |        |          |       |         | 1269.92       | m2   |

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |                                                      |       |        |          |      |         |         |  |  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------|-------|--------|----------|------|---------|---------|-------------------------------------------------------------------------------------|--|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS                                              |       |        | PARCIAL  |      |         | TOTAL   | UNID                                                                                |  |
|                      |                                                                                                                                                                                                          |          | LARGO                                                | ANCHO | ALTURA | LONGITUD | ARCA | VOLUMEN |         |                                                                                     |  |
|                      |                                                                                                                                                                                                          |          | Igual al área de Tarrajeo de Muros exteriores        |       |        |          |      |         |         |                                                                                     |  |
| 03.03.02             | Pintura Látex en muros Interiores                                                                                                                                                                        |          |                                                      |       |        |          |      |         | 1589.76 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          |          | Igual al área de Tarrajeo de Muros interiores        |       |        |          |      |         |         |                                                                                     |  |
| 03.03.03             | Pintura Látex en Columnas                                                                                                                                                                                |          |                                                      |       |        |          |      |         | 2206.67 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          |          | Igual al área de Tarrajeo de Columnas                |       |        |          |      |         |         |                                                                                     |  |
| 03.03.04             | Pintura Látex en Cielo Raso                                                                                                                                                                              |          |                                                      |       |        |          |      |         | 1793.50 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          |          | Igual al área de Tarrajeo de Cielo raso              |       |        |          |      |         |         |                                                                                     |  |
| 03.03.05             | Pintura Látex en Vigas                                                                                                                                                                                   |          |                                                      |       |        |          |      |         | 1066.85 | m2                                                                                  |  |
|                      |                                                                                                                                                                                                          |          | Igual al área de Tarrajeo volado de acceso principal |       |        |          |      |         |         |                                                                                     |  |
|                      |                                                                                                                                                                                                          |          | Igual al área de Tarrajeo de Vigas                   |       |        |          |      |         |         |                                                                                     |  |
| 03.03.06             | Pintura Látex en derrames                                                                                                                                                                                |          |                                                      |       |        |          |      |         | 943.82  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          |          | Igual al área de Tarrajeo de Derrames                |       |        |          |      |         |         |                                                                                     |  |
| 03.04                | PISOS Y PAVIMENTOS                                                                                                                                                                                       |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
| 03.04.01             | CONTRAPISO C:A PROP. 1:4, e=5cm, ACABADO PULIDO EN TECHO                                                                                                                                                 |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      |                                                                                                                                                                                                          |          |                                                      |       |        |          |      |         | 110.76  | m2                                                                                  |  |
|                      | MÓDULO 01                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         | 110.76                                                                              |  |
|                      | AZOTEA                                                                                                                                                                                                   |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | circulacion                                                                                                                                                                                              | 1        |                                                      |       | área   |          |      | 73.93   | 73.93   | m2                                                                                  |  |
|                      | caja de escalera                                                                                                                                                                                         | 1        |                                                      |       | área   |          |      | 36.83   | 36.83   | m2                                                                                  |  |
| 03.04.02             | Contrapiso C:A Prop 1:4 e=5 cm                                                                                                                                                                           |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      |                                                                                                                                                                                                          |          |                                                      |       |        |          |      |         | 1691.18 | m2                                                                                  |  |
|                      | MÓDULO 01                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         | 833.59                                                                              |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Aula 1er Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.17   | 60.17   | m2                                                                                  |  |
|                      | Aula 1er Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.81   | 60.81   | m2                                                                                  |  |
|                      | Aula 2do Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.18   | 60.18   | m2                                                                                  |  |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Aula 3er Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.17   | 60.17   | m2                                                                                  |  |
|                      | Aula 3er Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.81   | 60.81   | m2                                                                                  |  |
|                      | Aula 4to Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.18   | 60.18   | m2                                                                                  |  |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |                                                      |       | área   |          |      | 40.65   | 40.65   | m2                                                                                  |  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Aula 5to Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.17   | 60.17   | m2                                                                                  |  |
|                      | Aula 5to Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.81   | 60.81   | m2                                                                                  |  |
|                      | Aula 6to Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.18   | 60.18   | m2                                                                                  |  |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |                                                      |       | área   |          |      | 40.65   | 40.65   | m2                                                                                  |  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | S.U.M                                                                                                                                                                                                    | 1        |                                                      |       | área   |          |      | 93.06   | 93.06   | m2                                                                                  |  |
|                      | A.I.P                                                                                                                                                                                                    | 1        |                                                      |       | área   |          |      | 81.36   | 81.36   | m2                                                                                  |  |
|                      | Conectividad                                                                                                                                                                                             | 1        |                                                      |       | área   |          |      | 7.59    | 7.59    | m2                                                                                  |  |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |                                                      |       | área   |          |      | 26.81   | 26.81   | m2                                                                                  |  |
|                      | MÓDULO 02                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         | 438.03                                                                              |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Aula 2do Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.28   | 60.28   | m2                                                                                  |  |
|                      | SH. Damas                                                                                                                                                                                                | 1        |                                                      |       | área   |          |      | 14.42   | 14.42   | m2                                                                                  |  |
|                      | SH. Varones                                                                                                                                                                                              | 1        |                                                      |       | área   |          |      | 13.65   | 13.65   | m2                                                                                  |  |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Aula 4to Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.28   | 60.28   | m2                                                                                  |  |
|                      | SH. Damas                                                                                                                                                                                                | 1        |                                                      |       | área   |          |      | 14.42   | 14.42   | m2                                                                                  |  |
|                      | SH. Varones                                                                                                                                                                                              | 1        |                                                      |       | área   |          |      | 13.65   | 13.65   | m2                                                                                  |  |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |                                                      |       | área   |          |      | 23.22   | 23.22   | m2                                                                                  |  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Aula 6to Grado                                                                                                                                                                                           | 1        |                                                      |       | área   |          |      | 60.28   | 60.28   | m2                                                                                  |  |
|                      | SH. Damas                                                                                                                                                                                                | 1        |                                                      |       | área   |          |      | 14.42   | 14.42   | m2                                                                                  |  |
|                      | SH. Varones                                                                                                                                                                                              | 1        |                                                      |       | área   |          |      | 13.65   | 13.65   | m2                                                                                  |  |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |                                                      |       | área   |          |      | 23.22   | 23.22   | m2                                                                                  |  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Biblioteca                                                                                                                                                                                               | 1        |                                                      |       | área   |          |      | 75.27   | 75.27   | m2                                                                                  |  |
|                      | SH. Damas                                                                                                                                                                                                | 1        |                                                      |       | área   |          |      | 14.42   | 14.42   | m2                                                                                  |  |
|                      | SH. Varones                                                                                                                                                                                              | 1        |                                                      |       | área   |          |      | 13.65   | 13.65   | m2                                                                                  |  |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |                                                      |       | área   |          |      | 23.22   | 23.22   | m2                                                                                  |  |
|                      | MÓDULO 03                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         | 343.24                                                                              |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |                                                      |       |        |          |      |         |         |                                                                                     |  |
|                      | Almacén de Alimentos                                                                                                                                                                                     | 1        |                                                      |       | área   |          |      | 17.72   | 17.72   | m2                                                                                  |  |

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |                 |         |        |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-----------------|---------|--------|------|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |                 |         |        |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |                 |         |        |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |                 |         |        |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |                 |         |        |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL<br>ÁREA | VOLUMEN | TOTAL  | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD |                 |         |        |      |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        | 4.80     |                 | 4.80    | m2     |      |
|                      | Escalera                                                                                                                                                                                                 | 1        |         |       |        | 21.20    |                 | 21.20   | m2     |      |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Dirección                                                                                                                                                                                                | 1        |         |       |        | 17.72    |                 | 17.72   | m2     |      |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        | 4.80     |                 | 4.80    | m2     |      |
|                      | Escalera                                                                                                                                                                                                 | 1        |         |       |        | 21.20    |                 | 21.20   | m2     |      |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        | 31.48    |                 | 31.48   | m2     |      |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Sala de Reuniones                                                                                                                                                                                        | 1        |         |       |        | 17.72    |                 | 17.72   | m2     |      |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        | 4.80     |                 | 4.80    | m2     |      |
|                      | Escalera                                                                                                                                                                                                 | 1        |         |       |        | 21.20    |                 | 21.20   | m2     |      |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        | 31.48    |                 | 31.48   | m2     |      |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Almacén General                                                                                                                                                                                          | 1        |         |       |        | 17.72    |                 | 17.72   | m2     |      |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        | 4.80     |                 | 4.80    | m2     |      |
|                      | Escalera                                                                                                                                                                                                 | 1        |         |       |        | 21.20    |                 | 21.20   | m2     |      |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        | 31.48    |                 | 31.48   | m2     |      |
|                      | <b>5TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | azotea                                                                                                                                                                                                   | 1        |         |       |        | 73.93    |                 | 73.93   | m2     |      |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | 16.50  |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Sala De Espera                                                                                                                                                                                           | 1        |         |       |        | 8.00     |                 | 8.00    | m2     |      |
|                      | Informes                                                                                                                                                                                                 | 1        |         |       |        | 8.50     |                 | 8.50    | m2     |      |
|                      | <b>PUENTE</b>                                                                                                                                                                                            |          |         |       |        |          |                 |         | 31.20  |      |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | CIRCULACION                                                                                                                                                                                              | 1        |         |       |        | 10.40    |                 | 10.40   | m2     |      |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | CIRCULACION                                                                                                                                                                                              | 1        |         |       |        | 10.40    |                 | 10.40   | m2     |      |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | CIRCULACION                                                                                                                                                                                              | 1        |         |       |        | 10.40    |                 | 10.40   | m2     |      |
|                      | <b>ESCALERA (MÓDULO 03)</b>                                                                                                                                                                              |          |         |       |        |          |                 |         | 59.82  |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        | 0.40     |                 | 3.96    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 10       | 1.73    | 0.23  |        | 0.40     |                 | 3.98    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   | 7.02     |                 | 7.02    | m2     |      |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        | 0.40     |                 | 3.96    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 10       | 1.73    | 0.23  |        | 0.40     |                 | 3.98    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   | 7.02     |                 | 7.02    | m2     |      |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        | 0.40     |                 | 3.96    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 10       | 1.73    | 0.23  |        | 0.40     |                 | 3.98    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   | 7.02     |                 | 7.02    | m2     |      |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        | 0.40     |                 | 3.96    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 10       | 1.73    | 0.23  |        | 0.40     |                 | 3.98    | m2     |      |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   | 7.02     |                 | 7.02    | m2     |      |
| 03.04.03             | Piso Porcelanato 60x60 cm antideslizante, Alto Transito                                                                                                                                                  |          |         |       |        |          |                 | 1580.70 | m2     |      |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | 833.59 |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Aula 1er Grado                                                                                                                                                                                           | 1        |         |       |        | 60.17    |                 | 60.17   | m2     |      |
|                      | Aula 1er Grado                                                                                                                                                                                           | 1        |         |       |        | 60.81    |                 | 60.81   | m2     |      |
|                      | Aula 2do Grado                                                                                                                                                                                           | 1        |         |       |        | 60.18    |                 | 60.18   | m2     |      |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Aula 3er Grado                                                                                                                                                                                           | 1        |         |       |        | 60.17    |                 | 60.17   | m2     |      |
|                      | Aula 3er Grado                                                                                                                                                                                           | 1        |         |       |        | 60.81    |                 | 60.81   | m2     |      |
|                      | Aula 4to Grado                                                                                                                                                                                           | 1        |         |       |        | 60.18    |                 | 60.18   | m2     |      |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        | 40.65    |                 | 40.65   | m2     |      |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Aula 5to Grado                                                                                                                                                                                           | 1        |         |       |        | 60.17    |                 | 60.17   | m2     |      |
|                      | Aula 5to Grado                                                                                                                                                                                           | 1        |         |       |        | 60.81    |                 | 60.81   | m2     |      |
|                      | Aula 6to Grado                                                                                                                                                                                           | 1        |         |       |        | 60.18    |                 | 60.18   | m2     |      |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        | 40.65    |                 | 40.65   | m2     |      |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | S.U.M                                                                                                                                                                                                    | 1        |         |       |        | 93.06    |                 | 93.06   | m2     |      |
|                      | A.I.P                                                                                                                                                                                                    | 1        |         |       |        | 81.36    |                 | 81.36   | m2     |      |
|                      | Conectividad                                                                                                                                                                                             | 1        |         |       |        | 7.59     |                 | 7.59    | m2     |      |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        | 26.81    |                 | 26.81   | m2     |      |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | 438.03 |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Aula 2do Grado                                                                                                                                                                                           | 1        |         |       |        | 60.28    |                 | 60.28   | m2     |      |
|                      | SH. Damas                                                                                                                                                                                                | 1        |         |       |        | 14.42    |                 | 14.42   | m2     |      |
|                      | SH. Varones                                                                                                                                                                                              | 1        |         |       |        | 13.65    |                 | 13.65   | m2     |      |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Aula 4to Grado                                                                                                                                                                                           | 1        |         |       |        | 60.28    |                 | 60.28   | m2     |      |
|                      | SH. Damas                                                                                                                                                                                                | 1        |         |       |        | 14.42    |                 | 14.42   | m2     |      |
|                      | SH. Varones                                                                                                                                                                                              | 1        |         |       |        | 13.65    |                 | 13.65   | m2     |      |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        | 23.22    |                 | 23.22   | m2     |      |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         |        |      |
|                      | Aula 6to Grado                                                                                                                                                                                           | 1        |         |       |        | 60.28    |                 | 60.28   | m2     |      |
|                      | SH. Damas                                                                                                                                                                                                | 1        |         |       |        | 14.42    |                 | 14.42   | m2     |      |

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |              |         |               |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|--------------|---------|---------------|------|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |              |         |               |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |              |         |               |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |              |         |               |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |              |         |               |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | LONGITUD | PARCIAL AREA | VOLUMEN | TOTAL         | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA |          |              |         |               |      |
|                      | SH. Varones                                                                                                                                                                                              | 1        |         |       |        |          | 13.65        |         | 13.65         | m2   |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        |          | 23.22        |         | 23.22         | m2   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | Biblioteca                                                                                                                                                                                               | 1        |         |       |        |          | 75.27        |         | 75.27         | m2   |
|                      | SH. Damas                                                                                                                                                                                                | 1        |         |       |        |          | 14.42        |         | 14.42         | m2   |
|                      | SH. Varones                                                                                                                                                                                              | 1        |         |       |        |          | 13.65        |         | 13.65         | m2   |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        |          | 23.22        |         | 23.22         | m2   |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |              |         | <b>187.99</b> |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        |          | 4.80         |         | 4.80          | m2   |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | Dirección                                                                                                                                                                                                | 1        |         |       |        |          | 17.72        |         | 17.72         | m2   |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        |          | 4.80         |         | 4.80          | m2   |
|                      | Escalera                                                                                                                                                                                                 | 1        |         |       |        |          | 21.20        |         | 21.20         | m2   |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        |          | 31.48        |         | 31.48         | m2   |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | Sala de Reuniones                                                                                                                                                                                        | 1        |         |       |        |          | 17.72        |         | 17.72         | m2   |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        |          | 4.80         |         | 4.80          | m2   |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        |          | 31.48        |         | 31.48         | m2   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | Almacén General                                                                                                                                                                                          | 1        |         |       |        |          | 17.72        |         | 17.72         | m2   |
|                      | SH. Discapacitados                                                                                                                                                                                       | 1        |         |       |        |          | 4.80         |         | 4.80          | m2   |
|                      | Pasadizo                                                                                                                                                                                                 | 1        |         |       |        |          | 31.48        |         | 31.48         | m2   |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |              |         | <b>16.50</b>  |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | Sala De Espera                                                                                                                                                                                           | 1        |         |       |        |          | 8.00         |         | 8.00          | m2   |
|                      | Informes                                                                                                                                                                                                 | 1        |         |       |        |          | 8.50         |         | 8.50          | m2   |
|                      | <b>PUENTE</b>                                                                                                                                                                                            |          |         |       |        |          |              |         | <b>31.20</b>  |      |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | CIRCULACION                                                                                                                                                                                              | 1        |         |       |        |          | 10.40        |         | 10.40         | m2   |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | CIRCULACION                                                                                                                                                                                              | 1        |         |       |        |          | 10.40        |         | 10.40         | m2   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | CIRCULACION                                                                                                                                                                                              | 1        |         |       |        |          | 10.40        |         | 10.40         | m2   |
|                      | <b>ESCALERA (MÓDULO 03)</b>                                                                                                                                                                              |          |         |       |        |          |              |         | <b>73.39</b>  |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | contrapasos                                                                                                                                                                                              | 11       | 1.72    |       | 0.15   |          | 0.26         |         | 2.84          | m2   |
|                      |                                                                                                                                                                                                          | 11       | 1.73    |       | 0.15   |          | 0.26         |         | 2.85          | m2   |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        |          | 0.40         |         | 3.96          | m2   |
|                      |                                                                                                                                                                                                          | 10       | 0.73    | 0.23  |        |          | 0.17         |         | 1.68          | m2   |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   |          | 7.02         |         | 7.02          | m2   |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | contrapasos                                                                                                                                                                                              | 11       | 1.72    |       | 0.15   |          | 0.26         |         | 2.84          | m2   |
|                      |                                                                                                                                                                                                          | 11       | 1.73    |       | 0.15   |          | 0.26         |         | 2.85          | m2   |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        |          | 0.40         |         | 3.96          | m2   |
|                      |                                                                                                                                                                                                          | 10       | 0.73    | 0.23  |        |          | 0.17         |         | 1.68          | m2   |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   |          | 7.02         |         | 7.02          | m2   |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | contrapasos                                                                                                                                                                                              | 11       | 1.72    |       | 0.15   |          | 0.26         |         | 2.84          | m2   |
|                      |                                                                                                                                                                                                          | 11       | 1.73    |       | 0.15   |          | 0.26         |         | 2.85          | m2   |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        |          | 0.40         |         | 3.96          | m2   |
|                      |                                                                                                                                                                                                          | 10       | 0.73    | 0.23  |        |          | 0.17         |         | 1.68          | m2   |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   |          | 7.02         |         | 7.02          | m2   |
|                      | <b>4TO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | contrapasos                                                                                                                                                                                              | 11       | 1.72    |       | 0.15   |          | 0.26         |         | 2.84          | m2   |
|                      |                                                                                                                                                                                                          | 11       | 1.73    |       | 0.15   |          | 0.26         |         | 2.85          | m2   |
|                      | pasos                                                                                                                                                                                                    | 10       | 1.72    | 0.23  |        |          | 0.40         |         | 3.96          | m2   |
|                      |                                                                                                                                                                                                          | 10       | 0.73    | 0.23  |        |          | 0.17         |         | 1.68          | m2   |
|                      | descanso                                                                                                                                                                                                 | 1        |         |       | área   |          | 7.02         |         | 7.02          | m2   |
| 03.04.04             | Enchape Porcelanato 60x60cm                                                                                                                                                                              |          |         |       |        |          |              |         | 15.65         | m2   |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |              |         | <b>15.65</b>  |      |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | SS.HH DAMAS                                                                                                                                                                                              | 1        | 2.72    | 0.60  |        |          | 1.63         |         | 1.63          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          | 0.27         |         | 0.27          | m2   |
|                      |                                                                                                                                                                                                          | 3        |         | 0.10  | 0.80   |          |              |         |               | m2   |
|                      | SS.HH VARONES                                                                                                                                                                                            | 1        | 2.87    | 0.60  |        |          | 1.72         |         | 1.72          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.87    |       | 0.10   |          | 0.29         |         | 0.29          | m2   |
|                      |                                                                                                                                                                                                          | 3        |         | 0.10  | 0.80   |          |              |         |               | m2   |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | SS.HH DAMAS                                                                                                                                                                                              | 1        | 2.72    | 0.60  |        |          | 1.63         |         | 1.63          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          | 0.27         |         | 0.27          | m2   |
|                      |                                                                                                                                                                                                          | 3        |         | 0.10  | 0.80   |          |              |         |               | m2   |
|                      | SS.HH VARONES                                                                                                                                                                                            | 1        | 2.87    | 0.60  |        |          | 1.72         |         | 1.72          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.87    |       | 0.10   |          | 0.29         |         | 0.29          | m2   |
|                      |                                                                                                                                                                                                          | 3        |         | 0.10  | 0.80   |          |              |         |               | m2   |
|                      | <b>3ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |              |         |               |      |
|                      | SS.HH DAMAS                                                                                                                                                                                              | 1        | 2.72    | 0.60  |        |          | 1.63         |         | 1.63          | m2   |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          | 0.27         |         | 0.27          | m2   |

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |        |        |  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|--------|--------|--|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |        |        |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |        |        |  |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |        |        |  |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |        |        |  |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL  | UNID   |  |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |        |        |  |
|                      | SS.HH VARONES                                                                                                                                                                                            | 3        |         | 0.10  | 0.80   |          |      |         |        |        |  |
|                      |                                                                                                                                                                                                          | 1        | 2.87    | 0.60  |        |          | 1.72 |         |        | m2     |  |
|                      |                                                                                                                                                                                                          | 1        | 2.87    |       | 0.10   |          | 0.29 |         |        | m2     |  |
|                      |                                                                                                                                                                                                          | 3        |         | 0.10  | 0.80   |          |      |         |        |        |  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | SS.HH DAMAS                                                                                                                                                                                              |          |         |       |        |          |      |         |        |        |  |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.60  |        |          | 1.63 |         |        | m2     |  |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          | 0.27 |         |        | m2     |  |
|                      |                                                                                                                                                                                                          | 3        |         | 0.10  | 0.80   |          |      |         |        |        |  |
|                      | SS.HH VARONES                                                                                                                                                                                            |          |         |       |        |          |      |         |        |        |  |
|                      |                                                                                                                                                                                                          | 1        | 2.87    | 0.60  |        |          | 1.72 |         |        | m2     |  |
|                      |                                                                                                                                                                                                          | 1        | 2.87    |       | 0.10   |          | 0.29 |         |        | m2     |  |
|                      |                                                                                                                                                                                                          | 3        |         | 0.10  | 0.80   |          |      |         |        |        |  |
| 03.04.05             | Corte en Falso Piso                                                                                                                                                                                      |          |         |       |        |          |      |         | 87.91  | ml     |  |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |        | 44.40  |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 1er/2do grado                                                                                                                                                                                       | 3        |         |       | 14.80  |          |      |         | 44.40  | ml     |  |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |        | 24.00  |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 2do grado                                                                                                                                                                                           | 1        |         |       | 14.80  |          |      |         | 14.80  | ml     |  |
|                      | SH. Damas                                                                                                                                                                                                | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | SH. Varones                                                                                                                                                                                              | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |        | 11.15  |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | Almacén                                                                                                                                                                                                  | 1        |         |       | 9.00   |          |      |         | 9.00   | ml     |  |
|                      | SH. Discap.                                                                                                                                                                                              | 1        |         |       | 2.15   |          |      |         | 2.15   | ml     |  |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |        | 8.36   |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | Sala de espera/Informes                                                                                                                                                                                  | 1        |         |       | 8.36   |          |      |         | 8.36   | ml     |  |
| 03.04.06             | Corte en Contra Piso                                                                                                                                                                                     |          |         |       |        |          |      |         | 387.63 | ml     |  |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |        | 190.07 |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 1er/2do grado                                                                                                                                                                                       | 3        |         |       | 14.80  |          |      |         | 44.40  | ml     |  |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 3er/4to grado                                                                                                                                                                                       | 3        |         |       | 14.80  |          |      |         | 44.40  | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 7        |         |       | 1.80   |          |      |         | 12.60  | ml     |  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 3er/4to grado                                                                                                                                                                                       | 3        |         |       | 14.80  |          |      |         | 44.40  | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 7        |         |       | 1.80   |          |      |         | 12.60  | ml     |  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | S.U.M                                                                                                                                                                                                    | 1        |         |       | 19.07  |          |      |         | 19.07  | ml     |  |
|                      | A.I.P                                                                                                                                                                                                    | 1        |         |       | 18.53  |          |      |         |        | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 7        |         |       | 1.80   |          |      |         | 12.60  | ml     |  |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |        | 117.60 |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 2do grado                                                                                                                                                                                           | 1        |         |       | 14.80  |          |      |         | 14.80  | ml     |  |
|                      | SH. Damas                                                                                                                                                                                                | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | SH. Varones                                                                                                                                                                                              | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 4to grado                                                                                                                                                                                           | 1        |         |       | 14.80  |          |      |         | 14.80  | ml     |  |
|                      | SH. Damas                                                                                                                                                                                                | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | SH. Varones                                                                                                                                                                                              | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 4        |         |       | 1.80   |          |      |         | 7.20   | ml     |  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | AULA 6to grado                                                                                                                                                                                           | 1        |         |       | 14.80  |          |      |         | 14.80  | ml     |  |
|                      | SH. Damas                                                                                                                                                                                                | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | SH. Varones                                                                                                                                                                                              | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 4        |         |       | 1.80   |          |      |         | 7.20   | ml     |  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | Biblioteca                                                                                                                                                                                               | 1        |         |       | 14.80  |          |      |         | 14.80  | ml     |  |
|                      | SH. Damas                                                                                                                                                                                                | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | SH. Varones                                                                                                                                                                                              | 2        |         |       | 2.30   |          |      |         | 4.60   | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 4        |         |       | 1.80   |          |      |         | 7.20   | ml     |  |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |        | 71.60  |  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | Almacén                                                                                                                                                                                                  | 1        |         |       | 9.00   |          |      |         | 9.00   | ml     |  |
|                      | SH. Discap.                                                                                                                                                                                              | 1        |         |       | 2.15   |          |      |         | 2.15   | ml     |  |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | Dirección                                                                                                                                                                                                | 1        |         |       | 9.00   |          |      |         | 9.00   | ml     |  |
|                      | SH. Discap.                                                                                                                                                                                              | 1        |         |       | 2.15   |          |      |         | 2.15   | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 5        |         |       | 1.80   |          |      |         | 9.00   | ml     |  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | Sala de Reuniones                                                                                                                                                                                        | 1        |         |       | 9.00   |          |      |         | 9.00   | ml     |  |
|                      | SH. Discap.                                                                                                                                                                                              | 1        |         |       | 2.15   |          |      |         | 2.15   | ml     |  |
|                      | Pasadizo                                                                                                                                                                                                 | 5        |         |       | 1.80   |          |      |         | 9.00   | ml     |  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |        |        |  |
|                      | Almacén General                                                                                                                                                                                          | 1        |         |       | 9.00   |          |      |         | 9.00   | ml     |  |
|                      | SH. Discap.                                                                                                                                                                                              | 1        |         |       | 2.15   |          |      |         | 2.15   | ml     |  |


## PLANILLA DE METRADOS

| PROYECTO         | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |         |                         |         |                  |          |         | TOTAL  | UNID     |               |         |    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|---------|------------------|----------|---------|--------|----------|---------------|---------|----|
|                  | ESPECIALIDAD                                                                                                                                                                                             | ENTIDAD | LUGAR                   | PARTIDA | ESPECIFICACIONES | N° VECES | MEDIDAS |        |          | PARCIAL       |         |    |
|                  |                                                                                                                                                                                                          |         | LARGO                   |         |                  |          | ANCHO   | ALTURA | LONGITUD | AREA          | VOLUMEN |    |
|                  |                                                                                                                                                                                                          |         | Pasadizo                |         | 5                | 1.80     |         |        | 9.00     |               | ml      |    |
| <b>MÓDULO 04</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          | <b>8.36</b>   |         |    |
| <b>1ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | Sala de espera/informes |         | 1                | 8.36     |         |        | 8.36     |               | ml      |    |
| 03.04.07         | Piso de Cemento Frotachado Fino, contrapiso C.A prop. 1:4, acabado frotachado fino e=5cm                                                                                                                 |         |                         |         |                  |          |         |        |          | 17.72         |         | m2 |
| <b>MÓDULO 03</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          | <b>17.72</b>  |         |    |
| <b>1ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | Almacén de Alimentos    |         | 1                | área     |         |        | 17.72    |               | m2      |    |
| 03.04.08         | Concreto en Rampas F'C=175KG/CM2 e=10Cm, Acabado Frotachado fino y Bruñado                                                                                                                               |         |                         |         |                  |          |         |        |          | 9.00          |         | m2 |
| <b>MÓDULO 03</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          | <b>9.00</b>   |         |    |
| <b>1ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | Ingreso                 |         | 1                | 2.00     | 1.20    | 2.40   |          |               | m2      |    |
|                  |                                                                                                                                                                                                          |         | a Patio de Formación    |         | 1                | 2.00     | 3.3     | 6.60   |          |               | m2      |    |
| 03.04.09         | Patio de formacion de C* F'C= 210 KG/CM2, e= 0.20m inc. encofrado y desencofrado, acabado frotachado fino                                                                                                |         |                         |         |                  |          |         |        |          | 142.16        |         | m2 |
| <b>EXTERIOR</b>  |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         |                         |         | 1                | área     |         |        | 142.16   |               | m2      |    |
| 03.04.10         | Concreto en veredas F'C=175KG/CM2 e=10Cm, Acabado Frotachado fino y Bruñado                                                                                                                              |         |                         |         |                  |          |         |        |          | 51.44         |         | m2 |
| <b>EXTERIOOR</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | Pasadizo                |         | 1                | área     |         |        | 51.44    |               | m2      |    |
| 03.05            | <b>ZOCALOS Y CONTRAZOCALOS</b>                                                                                                                                                                           |         |                         |         |                  |          |         |        |          |               |         |    |
| 03.05.01         | Zócalo de Porcelanato 60x60cm                                                                                                                                                                            |         |                         |         |                  |          |         |        |          | 328.32        |         | m2 |
| <b>MÓDULO 02</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          | <b>270.72</b> |         |    |
| <b>1ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH. Mujeres          |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Hombres           |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
| <b>2DO NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH. Mujeres          |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Hombres           |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
| <b>3ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH. Mujeres          |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Hombres           |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
| <b>4TO NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH. Mujeres          |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Hombres           |         | 1                | 18.80    | 1.80    | 33.84  |          |               | m2      |    |
| <b>MÓDULO 03</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          | <b>57.60</b>  |         |    |
| <b>1ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Disc.             |         | 1                | 8.00     | 1.80    | 14.40  |          |               | m2      |    |
| <b>2DO NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Disc.             |         | 1                | 8.00     | 1.80    | 14.40  |          |               | m2      |    |
| <b>3ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Disc.             |         | 1                | 8.00     | 1.80    | 14.40  |          |               | m2      |    |
| <b>4TO NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | SS.HH Disc.             |         | 1                | 8.00     | 1.80    | 14.40  |          |               | m2      |    |
| 03.05.02         | Contra Zócalo de porcelanato h=0.10m.                                                                                                                                                                    |         |                         |         |                  |          |         |        |          | 991.91        |         | m2 |
| <b>MÓDULO 01</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          | <b>467.98</b> |         |    |
| <b>1ER NIVEL</b> |                                                                                                                                                                                                          |         |                         |         |                  |          |         |        |          |               |         |    |
|                  |                                                                                                                                                                                                          |         | Aula 1er grado          |         | 1                | 32.00    |         |        | 32.00    |               | ml      |    |
|                  |                                                                                                                                                                                                          |         | Aula 1er grado          |         | 1                | 32.00    |         |        | 32.00    |               | ml      |    |
|                  |                                                                                                                                                                                                          |         | Aula 2do grado          |         | 1                | 32.00    |         |        | 32.00    |               | ml      |    |





*[Handwritten Signature]*  
 Miguel Ángel Rodríguez  
 ARQUITECTO  
 CAP 172



| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |  |    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|-------------------------------------------------------------------------------------|----|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |       |                                                                                     |    |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |    |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |                                                                                     |    |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |    |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID                                                                                |    |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |                                                                                     |    |
|                      | P2                                                                                                                                                                                                       | 1        |         | 1.20  | 3.35   |          |      | 4.02    |       | m2                                                                                  |    |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P2                                                                                                                                                                                                       | 1        |         | 1.20  | 3.35   |          |      | 4.02    |       | m2                                                                                  |    |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P2                                                                                                                                                                                                       | 1        |         | 1.20  | 3.35   |          |      | 4.02    |       | m2                                                                                  |    |
| 03.06.02             | Suministro y colocación de Puertas de Madera Contraplacada según diseño                                                                                                                                  |          |         |       |        |          |      |         |       | 56.55                                                                               | m2 |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>2.10</b>                                                                         |    |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P5                                                                                                                                                                                                       | 1        |         | 1.00  | 2.10   |          |      | 2.10    |       | m2                                                                                  |    |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>22.20</b>                                                                        |    |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P3                                                                                                                                                                                                       | 2        |         | 1.00  | 3.35   |          |      | 6.70    |       | m2                                                                                  |    |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P3                                                                                                                                                                                                       | 2        |         | 1.00  | 3.35   |          |      | 6.70    |       | m2                                                                                  |    |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P3                                                                                                                                                                                                       | 2        |         | 1.00  | 3.35   |          |      | 6.70    |       | m2                                                                                  |    |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P5                                                                                                                                                                                                       | 1        |         | 1.00  | 2.10   |          |      | 2.10    |       | m2                                                                                  |    |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>29.25</b>                                                                        |    |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P4                                                                                                                                                                                                       | 2        |         | 1.00  | 3.25   |          |      | 6.50    |       | m2                                                                                  |    |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P4                                                                                                                                                                                                       | 2        |         | 1.00  | 3.25   |          |      | 6.50    |       | m2                                                                                  |    |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P4                                                                                                                                                                                                       | 2        |         | 1.00  | 3.25   |          |      | 6.50    |       | m2                                                                                  |    |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P4                                                                                                                                                                                                       | 3        |         | 1.00  | 3.25   |          |      | 9.75    |       | m2                                                                                  |    |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>3.00</b>                                                                         |    |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | P6                                                                                                                                                                                                       | 1        |         | 1.00  | 3.00   |          |      | 3.00    |       | m2                                                                                  |    |
| 03.06.03             | Divisiones de melamine resistente a la humedad tipo RH Sanitario con puerta, según diseño, incluye accesorios metálicos                                                                                  |          |         |       |        |          |      |         |       | 125.12                                                                              | m2 |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>125.12</b>                                                                       |    |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | SS.HH Hombres                                                                                                                                                                                            | 1        | 1.51    |       | 2.00   |          |      | 3.02    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 3        | 1.45    |       | 2.00   |          |      | 8.70    |       | m2                                                                                  |    |
|                      | SS.HH Mujeres                                                                                                                                                                                            | 1        | 3.28    |       | 2.00   |          |      | 6.56    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 5        | 1.30    |       | 2.00   |          |      | 13.00   |       | m2                                                                                  |    |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | SS.HH Hombres                                                                                                                                                                                            | 1        | 1.51    |       | 2.00   |          |      | 3.02    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 3        | 1.45    |       | 2.00   |          |      | 8.70    |       | m2                                                                                  |    |
|                      | SS.HH Mujeres                                                                                                                                                                                            | 1        | 3.28    |       | 2.00   |          |      | 6.56    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 5        | 1.30    |       | 2.00   |          |      | 13.00   |       | m2                                                                                  |    |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | SS.HH Hombres                                                                                                                                                                                            | 1        | 1.51    |       | 2.00   |          |      | 3.02    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 3        | 1.45    |       | 2.00   |          |      | 8.70    |       | m2                                                                                  |    |
|                      | SS.HH Mujeres                                                                                                                                                                                            | 1        | 3.28    |       | 2.00   |          |      | 6.56    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 5        | 1.30    |       | 2.00   |          |      | 13.00   |       | m2                                                                                  |    |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | SS.HH Hombres                                                                                                                                                                                            | 1        | 1.51    |       | 2.00   |          |      | 3.02    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 3        | 1.45    |       | 2.00   |          |      | 8.70    |       | m2                                                                                  |    |
|                      | SS.HH Mujeres                                                                                                                                                                                            | 1        | 3.28    |       | 2.00   |          |      | 6.56    |       | m2                                                                                  |    |
|                      |                                                                                                                                                                                                          | 5        | 1.30    |       | 2.00   |          |      | 13.00   |       | m2                                                                                  |    |
| 03.06.04             | Divisiones de melamine resistente a la humedad tipo RH Sanitario en Urinario, incluye accesorios metálicos                                                                                               |          |         |       |        |          |      |         |       | 1.08                                                                                | m2 |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>1.08</b>                                                                         |    |
|                      | 1,2,3 & 4 NIVEL                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | SS.HH Hombres                                                                                                                                                                                            | 4        | 0.45    |       | 0.60   |          |      | 1.08    |       | m2                                                                                  |    |
| 03.07                | <b>CARPINTERIA METALICA</b>                                                                                                                                                                              |          |         |       |        |          |      |         |       |                                                                                     |    |
| 03.07.01             | Suministro y colocación de Ventana enmarcada en Aluminio y vidrio Laminado de 6mm , Inc. Accesorios, según diseño                                                                                        |          |         |       |        |          |      |         |       | 340.60                                                                              | m2 |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | <b>197.58</b>                                                                       |    |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | V-1                                                                                                                                                                                                      | 4        | 2.61    |       | 2.15   |          |      | 22.45   |       | m2                                                                                  |    |
|                      | V-2                                                                                                                                                                                                      | 1        | 2.65    |       | 2.15   |          |      | 5.70    |       | m2                                                                                  |    |
|                      | V-3                                                                                                                                                                                                      | 1        | 3.00    |       | 2.15   |          |      | 6.45    |       | m2                                                                                  |    |
|                      | VA-01                                                                                                                                                                                                    | 1        | 2.61    |       | 1.45   |          |      | 3.78    |       | m2                                                                                  |    |
|                      | VA-02                                                                                                                                                                                                    | 2        | 1.16    |       | 1.45   |          |      | 3.36    |       | m2                                                                                  |    |
|                      | VA-03                                                                                                                                                                                                    | 1        | 1.55    |       | 1.45   |          |      | 2.25    |       | m2                                                                                  |    |
|                      | VA-04                                                                                                                                                                                                    | 1        | 2.65    |       | 1.45   |          |      | 3.84    |       | m2                                                                                  |    |
|                      | VA-05                                                                                                                                                                                                    | 1        | 2.61    |       | 1.45   |          |      | 3.78    |       | m2                                                                                  |    |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |    |
|                      | V-1                                                                                                                                                                                                      | 4        | 2.61    |       | 2.15   |          |      | 22.45   |       | m2                                                                                  |    |
|                      | V-2                                                                                                                                                                                                      | 1        | 2.65    |       | 2.15   |          |      | 5.70    |       | m2                                                                                  |    |
|                      | V-3                                                                                                                                                                                                      | 1        | 3.00    |       | 2.15   |          |      | 6.45    |       | m2                                                                                  |    |
|                      | VA-01                                                                                                                                                                                                    | 1        | 2.61    |       | 1.45   |          |      | 3.78    |       | m2                                                                                  |    |
|                      | VA-02                                                                                                                                                                                                    | 2        | 1.16    |       | 1.45   |          |      | 3.36    |       | m2                                                                                  |    |

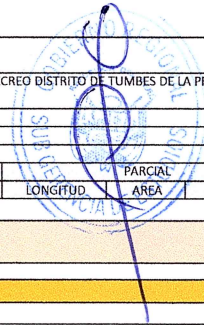
## PLANILLA DE METRADOS

| PROYECTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |         |       |           |                  |          |         |       |        |          | TOTAL  | UNID             |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="12" style="background-color: #ffff00;"><b>MÓDULO 02</b></td> <td style="text-align: right;"><b>116.60</b></td> </tr> <tr> <td colspan="12"><b>1ER NIVEL</b></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-03</td> <td>1</td> <td>1.55</td> <td></td> <td>1.45</td> <td></td> <td>2.25</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-04</td> <td>1</td> <td>2.65</td> <td></td> <td>1.45</td> <td></td> <td>3.84</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-05</td> <td>1</td> <td>2.61</td> <td></td> <td>1.45</td> <td></td> <td>3.78</td> <td></td> <td>m2</td> </tr> <tr> <td colspan="12"><b>3ER NIVEL</b></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>V-1</td> <td>4</td> <td>2.61</td> <td></td> <td>2.15</td> <td></td> <td>22.45</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>V-2</td> <td>1</td> <td>2.65</td> <td></td> <td>2.15</td> <td></td> <td>5.70</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>V-3</td> <td>1</td> <td>3.00</td> <td></td> <td>2.15</td> <td></td> <td>6.45</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-01</td> <td>1</td> <td>2.61</td> <td></td> <td>1.45</td> <td></td> <td>3.78</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-02</td> <td>2</td> <td>1.16</td> <td></td> <td>1.45</td> <td></td> <td>3.36</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-03</td> <td>1</td> <td>1.55</td> <td></td> <td>1.45</td> <td></td> <td>2.25</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-04</td> <td>1</td> <td>2.65</td> <td></td> <td>1.45</td> <td></td> <td>3.84</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-05</td> 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<td></td> <td>1.35</td> <td></td> <td>1.08</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-12</td> <td>1</td> <td>2.00</td> <td></td> <td>1.25</td> <td></td> <td>2.50</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-13</td> <td>1</td> <td>0.75</td> <td></td> <td>1.25</td> <td></td> <td>0.94</td> <td></td> <td>m2</td> </tr> <tr> <td colspan="12"><b>3ER NIVEL</b></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-11</td> <td>1</td> <td>0.80</td> <td></td> <td>1.35</td> <td></td> <td>1.08</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-12</td> <td>1</td> <td>2.00</td> <td></td> <td>1.25</td> <td></td> <td>2.50</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-13</td> <td>1</td> <td>0.75</td> <td></td> <td>1.25</td> <td></td> <td>0.94</td> <td></td> <td>m2</td> </tr> <tr> <td colspan="12"><b>4TO NIVEL</b></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-11</td> <td>1</td> <td>0.80</td> <td></td> <td>1.35</td> <td></td> <td>1.08</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-12</td> <td>1</td> <td>2.00</td> <td></td> <td>1.25</td> <td></td> <td>2.50</td> <td></td> <td>m2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>VA-13</td> <td>1</td> <td>0.75</td> <td></td> <td>1.25</td> <td></td> <td>0.94</td> <td></td> <td>m2</td> </tr> <tr> <td>03.07.02</td> <td colspan="10">Suministro y colocación de Tapa juntas metálica de 4" para Muros y cielo Raso con PL de Acero Galvanizado de 3mm</td> <td>199.13</td> <td>ml</td> </tr> <tr> <td colspan="12" style="background-color: #ffff00;"><b>MÓDULO 01 &amp; MÓDULO 04</b></td> <td style="text-align: right;"><b>13.61</b></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>1er nivel</td> <td>1</td> <td>13.61</td> <td></td> <td>13.61</td> <td></td> <td></td> <td></td> <td>ml</td> </tr> </table> |                                                                                                                                                                                                          |         |       |           |                  |          |         |       |        |          |        | <b>MÓDULO 02</b> |  |  |  |  |  |  |  |  |  |  |  | <b>116.60</b> | <b>1ER NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | VA-03 | 1 | 1.55 |  | 1.45 |  | 2.25 |  | m2 |  |  |  |  | VA-04 | 1 | 2.65 |  | 1.45 |  | 3.84 |  | m2 |  |  |  |  | VA-05 | 1 | 2.61 |  | 1.45 |  | 3.78 |  | m2 | <b>3ER NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | V-1 | 4 | 2.61 |  | 2.15 |  | 22.45 |  | m2 |  |  |  |  | V-2 | 1 | 2.65 |  | 2.15 |  | 5.70 |  | m2 |  |  |  |  | V-3 | 1 | 3.00 |  | 2.15 |  | 6.45 |  | m2 |  |  |  |  | VA-01 | 1 | 2.61 |  | 1.45 |  | 3.78 |  | m2 |  |  |  |  | VA-02 | 2 | 1.16 |  | 1.45 |  | 3.36 |  | m2 |  |  |  |  | VA-03 | 1 | 1.55 |  | 1.45 |  | 2.25 |  | m2 |  |  |  |  | VA-04 | 1 | 2.65 |  | 1.45 |  | 3.84 |  | m2 |  |  |  |  | VA-05 | 1 | 2.61 |  | 1.45 |  | 3.78 |  | m2 | <b>4TO NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | V-1 | 4 | 2.61 |  | 2.15 |  | 22.45 |  | m2 |  |  |  |  | V-2 | 1 | 2.65 |  | 2.15 |  | 5.70 |  | m2 |  |  |  |  | V-3 | 1 | 3.00 |  | 2.15 |  | 6.45 |  | m2 |  |  |  |  | VA-01 | 1 | 2.61 |  | 1.45 |  | 3.78 |  | m2 |  |  |  |  | VA-15 | 1 | 3.00 |  | 1.45 |  | 4.35 |  | m2 | <b>MÓDULO 03</b> |  |  |  |  |  |  |  |  |  |  |  | <b>22.59</b> | <b>1ER NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | V-4 | 1 | 2.25 |  | 2.05 |  | 4.61 |  | m2 |  |  |  |  | V-5 | 1 | 3.60 |  | 2.05 |  | 7.38 |  | m2 |  |  |  |  | VA-06 | 2 | 0.80 |  | 1.35 |  | 2.16 |  | m2 |  |  |  |  | VA-07 | 1 | 3.55 |  | 1.35 |  | 4.79 |  | m2 |  |  |  |  | VA-08 | 1 | 1.05 |  | 1.35 |  | 1.42 |  | m2 |  |  |  |  | VA-09 | 1 | 3.50 |  | 1.25 |  | 4.38 |  | m2 |  |  |  |  | VA-10 | 1 | 2.10 |  | 1.35 |  | 2.84 |  | m2 | <b>2DO NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | V-4 | 1 | 2.25 |  | 2.05 |  | 4.61 |  | m2 |  |  |  |  | V-5 | 1 | 3.60 |  | 2.05 |  | 7.38 |  | m2 |  |  |  |  | VA-06 | 2 | 0.80 |  | 1.35 |  | 2.16 |  | m2 |  |  |  |  | VA-07 | 1 | 3.55 |  | 1.35 |  | 4.79 |  | m2 |  |  |  |  | VA-08 | 1 | 1.05 |  | 1.35 |  | 1.42 |  | m2 |  |  |  |  | VA-09 | 1 | 3.50 |  | 1.25 |  | 4.38 |  | m2 |  |  |  |  | VA-10 | 1 | 2.10 |  | 1.35 |  | 2.84 |  | m2 | <b>3ER NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | V-4 | 1 | 2.25 |  | 2.05 |  | 4.61 |  | m2 |  |  |  |  | V-5 | 1 | 3.60 |  | 2.05 |  | 7.38 |  | m2 |  |  |  |  | VA-06 | 2 | 0.80 |  | 1.35 |  | 2.16 |  | m2 |  |  |  |  | VA-07 | 1 | 3.55 |  | 1.35 |  | 4.79 |  | m2 |  |  |  |  | VA-08 | 1 | 1.05 |  | 1.35 |  | 1.42 |  | m2 |  |  |  |  | VA-09 | 1 | 3.50 |  | 1.25 |  | 4.38 |  | m2 |  |  |  |  | VA-10 | 1 | 2.10 |  | 1.35 |  | 2.84 |  | m2 | <b>4TO NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | V-4 | 1 | 2.25 |  | 2.05 |  | 4.61 |  | m2 |  |  |  |  | V-5 | 1 | 3.60 |  | 2.05 |  | 7.38 |  | m2 |  |  |  |  | V-6 | 1 | 1.80 |  | 2.15 |  | 3.87 |  | m2 |  |  |  |  | VA-06 | 2 | 0.80 |  | 1.35 |  | 2.16 |  | m2 |  |  |  |  | VA-07 | 1 | 3.55 |  | 1.35 |  | 4.79 |  | m2 |  |  |  |  | VA-08 | 1 | 1.05 |  | 1.35 |  | 1.42 |  | m2 |  |  |  |  | VA-09 | 1 | 3.50 |  | 1.25 |  | 4.38 |  | m2 |  |  |  |  | VA-10 | 1 | 2.10 |  | 1.35 |  | 2.84 |  | m2 |  |  |  |  | VA-16 | 1 | 1.48 |  | 1.65 |  | 2.44 |  | m2 | <b>MÓDULO 04</b> |  |  |  |  |  |  |  |  |  |  |  | <b>3.83</b> | <b>1ER NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | VA-11 | 1 | 0.80 |  | 1.35 |  | 1.08 |  | m2 |  |  |  |  | VA-12 | 1 | 2.00 |  | 1.25 |  | 2.50 |  | m2 |  |  |  |  | VA-13 | 1 | 0.75 |  | 1.25 |  | 0.94 |  | m2 | <b>2DO NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | VA-11 | 1 | 0.80 |  | 1.35 |  | 1.08 |  | m2 |  |  |  |  | VA-12 | 1 | 2.00 |  | 1.25 |  | 2.50 |  | m2 |  |  |  |  | VA-13 | 1 | 0.75 |  | 1.25 |  | 0.94 |  | m2 | <b>3ER NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | VA-11 | 1 | 0.80 |  | 1.35 |  | 1.08 |  | m2 |  |  |  |  | VA-12 | 1 | 2.00 |  | 1.25 |  | 2.50 |  | m2 |  |  |  |  | VA-13 | 1 | 0.75 |  | 1.25 |  | 0.94 |  | m2 | <b>4TO NIVEL</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | VA-11 | 1 | 0.80 |  | 1.35 |  | 1.08 |  | m2 |  |  |  |  | VA-12 | 1 | 2.00 |  | 1.25 |  | 2.50 |  | m2 |  |  |  |  | VA-13 | 1 | 0.75 |  | 1.25 |  | 0.94 |  | m2 | 03.07.02 | Suministro y colocación de Tapa juntas metálica de 4" para Muros y cielo Raso con PL de Acero Galvanizado de 3mm |  |  |  |  |  |  |  |  |  | 199.13 | ml | <b>MÓDULO 01 &amp; MÓDULO 04</b> |  |  |  |  |  |  |  |  |  |  |  | <b>13.61</b> |  |  |  |  | 1er nivel | 1 | 13.61 |  | 13.61 |  |  |  | ml |
| <b>MÓDULO 02</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| <b>1ER NIVEL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| <b>MÓDULO 03</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| <b>1ER NIVEL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                                                                                                                                                   |         |       | V-5       | 1                | 3.60     |         | 2.05  |        | 7.38     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-06     | 2                | 0.80     |         | 1.35  |        | 2.16     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-06     | 2                | 0.80     |         | 1.35  |        | 2.16     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-07     | 1                | 3.55     |         | 1.35  |        | 4.79     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-09     | 1                | 3.50     |         | 1.25  |        | 4.38     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-06     | 2                | 0.80     |         | 1.35  |        | 2.16     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | V-5       | 1                | 3.60     |         | 2.05  |        | 7.38     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | V-6       | 1                | 1.80     |         | 2.15  |        | 3.87     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-06     | 2                | 0.80     |         | 1.35  |        | 2.16     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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| <b>MÓDULO 04</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                                                                                                                                                   |         |       | VA-12     | 1                | 2.00     |         | 1.25  |        | 2.50     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-13     | 1                | 0.75     |         | 1.25  |        | 0.94     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-11     | 1                | 0.80     |         | 1.35  |        | 1.08     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-13     | 1                | 0.75     |         | 1.25  |        | 0.94     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-11     | 1                | 0.80     |         | 1.35  |        | 1.08     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-13     | 1                | 0.75     |         | 1.25  |        | 0.94     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-11     | 1                | 0.80     |         | 1.35  |        | 1.08     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-12     | 1                | 2.00     |         | 1.25  |        | 2.50     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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                                                                                                                                                   |         |       | VA-13     | 1                | 0.75     |         | 1.25  |        | 0.94     |        | m2               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      | 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| <b>MÓDULO 01 &amp; MÓDULO 04</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                                                                                                                                                   |         |       |           |                  |          |         |       |        |          |        | <b>13.61</b>     |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |              |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                          |         |       | 1er nivel | 1                | 13.61    |         | 13.61 |        |          |        | ml               |  |  |  |  |  |  |  |  |  |  |  |               |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |       |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  |  |              |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |     |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |  |  |  |  |       |   |      |  |      |  |      |  |    |                  |  |  |  |  |  |  |  |  |  |  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 ARQUITECTO  
 CAP. 1720



| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |                 |         |              |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|-----------------|---------|--------------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |                 |         |              |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |                 |         |              |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |                 |         |              |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |                 |         |              |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          |                 |         | TOTAL        | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | PARCIAL<br>ÁREA | VOLUMEN |              |      |
| 03.07.11             | Suministro y colocacion Pasamanos de acero inox Ø 1 1/2" Según Diseño escalera                                                                                                                           |          |         |       |        |          |                 |         | 79.82        | ml   |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | <b>79.82</b> |      |
|                      | 1ER A 2DO NIVEL                                                                                                                                                                                          |          |         |       |        |          |                 |         |              |      |
|                      | en muro central                                                                                                                                                                                          | 1        | 13.79   |       |        |          | 13.79           |         |              | ml   |
|                      |                                                                                                                                                                                                          | 1        | 6.17    |       |        |          | 6.17            |         |              | ml   |
|                      | 2DO A 3ER NIVEL                                                                                                                                                                                          |          |         |       |        |          |                 |         |              |      |
|                      | en muro central                                                                                                                                                                                          | 1        | 13.79   |       |        |          | 13.79           |         |              | ml   |
|                      |                                                                                                                                                                                                          | 1        | 6.17    |       |        |          | 6.17            |         |              | ml   |
|                      | 3ER A 4TO NIVEL                                                                                                                                                                                          |          |         |       |        |          |                 |         |              |      |
|                      | en muro central                                                                                                                                                                                          | 1        | 13.79   |       |        |          | 13.79           |         |              | ml   |
|                      |                                                                                                                                                                                                          | 1        | 6.17    |       |        |          | 6.17            |         |              | ml   |
|                      | 4TO A 5TO NIVEL                                                                                                                                                                                          |          |         |       |        |          |                 |         |              |      |
|                      | en muro central                                                                                                                                                                                          | 1        | 13.79   |       |        |          | 13.79           |         |              | ml   |
|                      |                                                                                                                                                                                                          | 1        | 6.17    |       |        |          | 6.17            |         |              | ml   |
| 03.07.12             | Suministro y colocación de Asta de Bandera                                                                                                                                                               |          |         |       |        |          |                 |         | 2.00         | UND  |
|                      | en módulo 02                                                                                                                                                                                             | 2        |         |       |        |          |                 |         |              | UND  |
| 03.07.13             | Suministro y Colocación de Barandas Metálicas de Acero Inoxidable con Tubo de D= 2" H=0.90M                                                                                                              |          |         |       |        |          |                 |         | 8.00         | ml   |
|                      | <b>EN INGRESO PRINCIPAL</b>                                                                                                                                                                              |          |         |       |        |          |                 |         | <b>8.00</b>  |      |
|                      | Rampa 01                                                                                                                                                                                                 | 2        | 2.00    |       |        |          | 4.00            |         |              | ml   |
|                      | Rampa 02                                                                                                                                                                                                 | 2        | 2.00    |       |        |          | 4.00            |         |              | ml   |
| 03.07.14             | Tapa metálica de plancha de Acero Inoxidable 3/16" (0.60x0.60m) Inc. accesorios de cerrajería                                                                                                            |          |         |       |        |          |                 |         | 1.00         | UND  |
|                      | en Cisterna                                                                                                                                                                                              | 1        |         |       |        |          |                 |         |              | UND  |
| 03.08                | <b>MURO CORTINA Y MAMPARAS</b>                                                                                                                                                                           |          |         |       |        |          |                 |         |              |      |
| 03.08.01             | Suministro e instalacion de Muros Cortina de vidrio templado e: 8mm inc. Accesorios - incluye mampara                                                                                                    |          |         |       |        |          |                 |         | 7.65         | m2   |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | <b>7.65</b>  |      |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |                 |         |              |      |
|                      | Informes                                                                                                                                                                                                 | 1        | 2.55    |       |        | 3.00     |                 | 7.65    |              | m2   |
|                      | mampara                                                                                                                                                                                                  | 1        | 1.00    |       |        | 2.20     |                 | 2.20    |              | m2   |
| 03.09                | <b>CERRAJERIA</b>                                                                                                                                                                                        |          |         |       |        |          |                 |         |              |      |
| 03.09.01             | Suministro y colocación de bisagra aluminizada de 4"                                                                                                                                                     |          |         |       |        |          |                 |         | 108.00       | UND  |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | <b>36.00</b> |      |
|                      | primer nivel                                                                                                                                                                                             | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | segundo nivel                                                                                                                                                                                            | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | tercer nivel                                                                                                                                                                                             | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | cuarto nivel                                                                                                                                                                                             | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | <b>39.00</b> |      |
|                      | primer nivel                                                                                                                                                                                             | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | segundo nivel                                                                                                                                                                                            | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | tercer nivel                                                                                                                                                                                             | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | cuarto nivel                                                                                                                                                                                             | 4        |         | 3.00  |        |          |                 |         | 12.00        | und  |
|                      | <b>MÓDULO 03</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | <b>30.00</b> |      |
|                      | primer nivel                                                                                                                                                                                             | 2        |         | 3.00  |        |          |                 |         | 6.00         | und  |
|                      | segundo nivel                                                                                                                                                                                            | 2        |         | 3.00  |        |          |                 |         | 6.00         | und  |
|                      | tercer nivel                                                                                                                                                                                             | 2        |         | 3.00  |        |          |                 |         | 6.00         | und  |
|                      | cuarto nivel                                                                                                                                                                                             | 3        |         | 3.00  |        |          |                 |         | 9.00         | und  |
|                      | quinto nivel                                                                                                                                                                                             | 1        |         | 3.00  |        |          |                 |         | 3.00         | und  |
|                      | <b>MÓDULO 04</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | <b>3.00</b>  |      |
|                      | primer nivel                                                                                                                                                                                             | 1        |         | 3.00  |        |          |                 |         | 3.00         | und  |
| 03.09.02             | Suministro y colocación de Cerrojo aluminizado de 2" Inc. manija                                                                                                                                         |          |         |       |        |          |                 |         | 36.00        | UND  |
|                      | <b>MÓDULO 01</b>                                                                                                                                                                                         |          |         |       |        |          |                 |         | <b>12.00</b> |      |
|                      | primer nivel                                                                                                                                                                                             | 3        |         | 1.00  |        |          |                 |         | 3.00         | und  |
|                      | segundo nivel                                                                                                                                                                                            | 3        |         | 1.00  |        |          |                 |         | 3.00         | und  |
|                      | tercer nivel                                                                                                                                                                                             | 3        |         | 1.00  |        |          |                 |         | 3.00         | und  |
|                      | cuarto nivel                                                                                                                                                                                             | 3        |         | 1.00  |        |          |                 |         | 3.00         | und  |



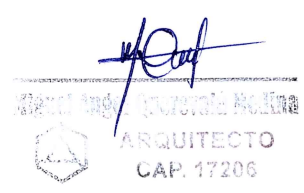
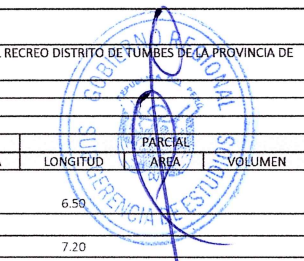
ARQUITECTO  
 CAP. 17206


| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|--------|---------------|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |         |         |        |               |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |        |               |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |        |               |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | LONGITUD | PARCIAL |         | TOTAL  | UNID          |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA |          | AREA    | VOLUMEN |        |               |
| <b>MÓDULO 02</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        | <b>13.00</b>  |
|                      | primer nivel                                                                                                                                                                                             | 3        |         | 1.00  |        |          |         |         | 3.00   | und           |
|                      | segundo nivel                                                                                                                                                                                            | 3        |         | 1.00  |        |          |         |         | 3.00   | und           |
|                      | tercer nivel                                                                                                                                                                                             | 3        |         | 1.00  |        |          |         |         | 3.00   | und           |
|                      | cuarto nivel                                                                                                                                                                                             | 4        |         | 1.00  |        |          |         |         | 4.00   | und           |
| <b>MÓDULO 03</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        | <b>10.00</b>  |
|                      | primer nivel                                                                                                                                                                                             | 2        |         | 1.00  |        |          |         |         | 2.00   | und           |
|                      | segundo nivel                                                                                                                                                                                            | 2        |         | 1.00  |        |          |         |         | 2.00   | und           |
|                      | tercer nivel                                                                                                                                                                                             | 2        |         | 1.00  |        |          |         |         | 2.00   | und           |
|                      | cuarto nivel                                                                                                                                                                                             | 3        |         | 1.00  |        |          |         |         | 3.00   | und           |
|                      | quinto nivel                                                                                                                                                                                             | 1        |         | 1.00  |        |          |         |         | 1.00   | und           |
| <b>MÓDULO 04</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        | <b>1.00</b>   |
|                      | primer nivel                                                                                                                                                                                             | 1        |         | 1.00  |        |          |         |         | 1.00   | und           |
| 03.10                | OTROS                                                                                                                                                                                                    |          |         |       |        |          |         |         |        |               |
| 03.10.01             | Suministro e instalación de TR4 e=0.30mm                                                                                                                                                                 |          |         |       |        |          |         |         | 328.51 | M2            |
| <b>MÓDULO 01</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        | <b>225.02</b> |
|                      | MÓDULO 01                                                                                                                                                                                                | 1        |         | área  |        |          |         |         | 225.02 | m2            |
|                      | MÓDULO 02                                                                                                                                                                                                | 1        |         | área  |        |          |         |         | 88.22  | m2            |
|                      | MÓDULO 04                                                                                                                                                                                                | 1        |         | área  |        |          |         |         | 15.27  | m2            |
| 03.10.02             | Sellado de Junta de Dilatación con Espuma de Poliuretano y Sellador Elastomérico e=1"                                                                                                                    |          |         |       |        |          |         |         | 570.65 | ML            |
| <b>MÓDULO 01</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        | <b>264.45</b> |
| <b>1ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 12       |         | 1.30  |        | 15.60    |         |         |        | ml            |
|                      | en muros                                                                                                                                                                                                 | 9        |         | 2.00  |        | 18.00    |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 8        |         | 3.20  |        | 25.60    |         |         |        | ml            |
| <b>2DO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 12       |         | 1.30  |        | 15.60    |         |         |        | ml            |
|                      | en muros                                                                                                                                                                                                 | 9        |         | 2.00  |        | 18.00    |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 8        |         | 3.20  |        | 25.60    |         |         |        | ml            |
| <b>3ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 12       |         | 1.30  |        | 15.60    |         |         |        | ml            |
|                      | en muros                                                                                                                                                                                                 | 9        |         | 2.00  |        | 18.00    |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 8        |         | 3.20  |        | 25.60    |         |         |        | ml            |
| <b>4TO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 12       |         | 1.30  |        | 15.60    |         |         |        | ml            |
|                      | en muros                                                                                                                                                                                                 | 9        |         | 2.00  |        | 18.00    |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 6        |         | 3.20  |        | 19.20    |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 5        |         | 3.45  |        | 17.25    |         |         |        | ml            |
| <b>PASADIZO</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      |                                                                                                                                                                                                          | 3        |         | 1.20  |        | 3.60     |         |         |        | ml            |
| <b>NIVEL AZOTEA</b>  |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      |                                                                                                                                                                                                          | 11       |         | 1.20  |        | 13.20    |         |         |        | ml            |
| <b>MÓDULO 02</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        | <b>149.10</b> |
| <b>1ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 4        |         | 2.00  |        | 8.00     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 4        |         | 1.30  |        | 5.20     |         |         |        | ml            |
|                      | en muros                                                                                                                                                                                                 | 4        |         | 2.00  |        | 8.00     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 4        |         | 3.25  |        | 13.00    |         |         |        | ml            |
| <b>2DO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 4        |         | 2.00  |        | 8.00     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 4        |         | 1.30  |        | 5.20     |         |         |        | ml            |
|                      | en muros                                                                                                                                                                                                 | 4        |         | 2.00  |        | 8.00     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 4        |         | 3.25  |        | 13.00    |         |         |        | ml            |
| <b>3ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 4        |         | 2.00  |        | 8.00     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 4        |         | 1.30  |        | 5.20     |         |         |        | ml            |
|                      | en muros                                                                                                                                                                                                 | 4        |         | 2.00  |        | 8.00     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 4        |         | 3.25  |        | 13.00    |         |         |        | ml            |
| <b>4TO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |         |         |        |               |
|                      | en ventanas                                                                                                                                                                                              | 4        |         | 2.00  |        | 8.00     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 4        |         | 1.30  |        | 5.20     |         |         |        | ml            |
|                      |                                                                                                                                                                                                          | 5        |         | 2.00  |        | 10.00    |         |         |        | ml            |





Arquitecto  
 G.A.P. 17206


| PLANILLA DE METRADOS  |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|--|----------------|------|
| PROYECTO              | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |         |         |  |                |      |
| ESPECIALIDAD          | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
| ENTIDAD               | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |  |                |      |
| LUGAR                 | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |  |                |      |
| PARTIDA               | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL |         |  | TOTAL          | UNID |
|                       |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |  |                |      |
|                       | en muros                                                                                                                                                                                                 | 2        |         |       | 3.25   | 6.50     |         |         |  |                | ml   |
|                       | PASADIZO                                                                                                                                                                                                 | 6        |         |       | 1.20   | 7.20     |         |         |  |                | ml   |
|                       | NIVEL AZOTEA                                                                                                                                                                                             | 8        |         |       | 1.20   | 9.60     |         |         |  |                | ml   |
| <b>MÓDULO 03</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  | <b>129.10</b>  |      |
| <b>1ER NIVEL</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | en ventanas                                                                                                                                                                                              | 3        |         |       | 2.00   | 6.00     |         |         |  |                | ml   |
|                       |                                                                                                                                                                                                          | 2        |         |       | 1.40   | 2.80     |         |         |  |                | ml   |
|                       | en muros                                                                                                                                                                                                 | 5        |         |       | 3.25   | 16.25    |         |         |  |                | ml   |
| <b>2DO NIVEL</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | en ventanas                                                                                                                                                                                              | 3        |         |       | 2.00   | 6.00     |         |         |  |                | ml   |
|                       |                                                                                                                                                                                                          | 2        |         |       | 1.40   | 2.80     |         |         |  |                | ml   |
|                       | en muros                                                                                                                                                                                                 | 5        |         |       | 3.25   | 16.25    |         |         |  |                | ml   |
| <b>3ER NIVEL</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | en ventanas                                                                                                                                                                                              | 3        |         |       | 2.00   | 6.00     |         |         |  |                | ml   |
|                       |                                                                                                                                                                                                          | 2        |         |       | 1.40   | 2.80     |         |         |  |                | ml   |
|                       | en muros                                                                                                                                                                                                 | 5        |         |       | 3.25   | 16.25    |         |         |  |                | ml   |
| <b>4TO NIVEL</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | en ventanas                                                                                                                                                                                              | 3        |         |       | 2.00   | 6.00     |         |         |  |                | ml   |
|                       |                                                                                                                                                                                                          | 2        |         |       | 1.40   | 2.80     |         |         |  |                | ml   |
|                       | en muros                                                                                                                                                                                                 | 5        |         |       | 3.25   | 16.25    |         |         |  |                | ml   |
|                       | PASADIZO                                                                                                                                                                                                 | 4        |         |       | 1.20   | 4.80     |         |         |  |                | ml   |
|                       | NIVEL AZOTEA                                                                                                                                                                                             | 7        |         |       | 1.20   | 8.40     |         |         |  |                | ml   |
|                       | en muros                                                                                                                                                                                                 | 6        |         |       | 2.20   | 13.20    |         |         |  |                | ml   |
|                       |                                                                                                                                                                                                          | 1        |         |       | 2.50   | 2.50     |         |         |  |                | ml   |
| <b>MÓDULO 04</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  | <b>28.00</b>   |      |
| <b>1ER NIVEL</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | en ventanas                                                                                                                                                                                              | 5        |         |       | 2.00   | 10.00    |         |         |  |                | ml   |
|                       | en muros                                                                                                                                                                                                 | 6        |         |       | 3.00   | 18.00    |         |         |  |                | ml   |
| 03.10.03              | Bruñas e=1Cm. En Muros Exteriores e Interiores                                                                                                                                                           |          |         |       |        |          |         |         |  | 2889.29        | ML   |
| <b>MÓDULO 01</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  | <b>1131.52</b> |      |
| <b>1ER NIVEL</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
| <b>EXTERIOR</b>       |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | lado frontal                                                                                                                                                                                             | 12       |         |       |        | 1.45     |         |         |  | 17.40          | ml   |
|                       |                                                                                                                                                                                                          | 2        | 2.06    |       |        |          |         |         |  | 4.12           | ml   |
|                       |                                                                                                                                                                                                          | 2        | 0.89    |       |        |          |         |         |  | 1.78           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 2.10    |       |        |          |         |         |  | 2.10           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 1.27    |       |        |          |         |         |  | 1.27           | ml   |
|                       | lado lateral                                                                                                                                                                                             | 1        | 8.44    |       |        |          |         |         |  | 8.44           | ml   |
| <b>lado posterior</b> |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       |                                                                                                                                                                                                          | 3        | 3.56    |       |        |          |         |         |  | 10.68          | ml   |
|                       |                                                                                                                                                                                                          | 1        | 3.60    |       |        |          |         |         |  | 3.60           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 3.95    |       |        |          |         |         |  | 3.95           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 3.95    |       |        |          |         |         |  | 3.95           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 3.52    |       |        |          |         |         |  | 3.52           | ml   |
| <b>INTERIOR</b>       |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | en eje 2-2                                                                                                                                                                                               | 12       |         |       |        | 1.65     |         |         |  | 19.80          | ml   |
|                       |                                                                                                                                                                                                          | 2        | 2.06    |       |        |          |         |         |  | 4.12           | ml   |
|                       |                                                                                                                                                                                                          | 2        | 0.89    |       |        |          |         |         |  | 1.78           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 2.10    |       |        |          |         |         |  | 2.10           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 1.27    |       |        |          |         |         |  | 1.27           | ml   |
|                       | en eje A-C-D-G                                                                                                                                                                                           | 2        | 8.84    |       |        |          |         |         |  | 17.68          | ml   |
|                       |                                                                                                                                                                                                          | 8        | 8.71    |       |        |          |         |         |  | 69.68          | ml   |
|                       | en eje 1-1                                                                                                                                                                                               | 3        | 4.16    |       |        |          |         |         |  | 12.48          | ml   |
|                       |                                                                                                                                                                                                          | 1        | 4.20    |       |        |          |         |         |  | 4.20           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |         |         |  | 4.55           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |         |         |  | 4.55           | ml   |
|                       |                                                                                                                                                                                                          | 1        | 4.12    |       |        |          |         |         |  | 4.12           | ml   |
| <b>2DO NIVEL</b>      |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
| <b>EXTERIOR</b>       |                                                                                                                                                                                                          |          |         |       |        |          |         |         |  |                |      |
|                       | lado frontal                                                                                                                                                                                             | 12       |         |       |        | 1.65     |         |         |  | 19.80          | ml   |





| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |  |  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|-------------------------------------------------------------------------------------|--|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |      |         |       |                                                                                     |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |  |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |                                                                                     |  |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |  |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID                                                                                |  |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 2        | 2.06    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 0.89    |       |        |          |      |         | 1.78  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       |        |          |      |         | 2.10  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 1.27    |       |        |          |      |         | 1.27  | ml                                                                                  |  |
|                      | lado lateral                                                                                                                                                                                             |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 2        | 9.04    |       |        |          |      |         | 18.08 | ml                                                                                  |  |
|                      | lado posterior                                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 3        | 4.16    |       |        |          |      |         | 12.48 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.20    |       |        |          |      |         | 4.20  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.12    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      | INTERIOR<br>en eje 2-2                                                                                                                                                                                   |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 12       |         |       | 1.65   |          |      |         | 19.80 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 2.06    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 0.89    |       |        |          |      |         | 1.78  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       |        |          |      |         | 2.10  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 1.27    |       |        |          |      |         | 1.27  | ml                                                                                  |  |
|                      | en eje A-C-D-G                                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 2        | 8.84    |       |        |          |      |         | 17.68 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 8        | 8.71    |       |        |          |      |         | 69.68 | ml                                                                                  |  |
|                      | en eje 1-1                                                                                                                                                                                               |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 3        | 4.16    |       |        |          |      |         | 12.48 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.20    |       |        |          |      |         | 4.20  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.12    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        |         |       | 7.31   |          |      |         | 7.31  | ml                                                                                  |  |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |      |         | 7.20  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        |         |       | 7.31   |          |      |         | 7.31  | ml                                                                                  |  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      | lado frontal                                                                                                                                                                                             |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 12       |         |       | 1.65   |          |      |         | 19.80 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 2.06    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 0.89    |       |        |          |      |         | 1.78  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       |        |          |      |         | 2.10  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 1.27    |       |        |          |      |         | 1.27  | ml                                                                                  |  |
|                      | lado lateral                                                                                                                                                                                             |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 2        | 9.04    |       |        |          |      |         | 18.08 | ml                                                                                  |  |
|                      | lado posterior                                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 3        | 4.16    |       |        |          |      |         | 12.48 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.20    |       |        |          |      |         | 4.20  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.12    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      | en eje 2-2                                                                                                                                                                                               |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 12       |         |       | 1.65   |          |      |         | 19.80 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 2.06    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 0.89    |       |        |          |      |         | 1.78  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       |        |          |      |         | 2.10  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 1.27    |       |        |          |      |         | 1.27  | ml                                                                                  |  |
|                      | en eje A-C-D-G                                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 2        | 8.84    |       |        |          |      |         | 17.68 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 8        | 8.71    |       |        |          |      |         | 69.68 | ml                                                                                  |  |
|                      | en eje 1-1                                                                                                                                                                                               |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 3        | 4.16    |       |        |          |      |         | 12.48 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.20    |       |        |          |      |         | 4.20  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.12    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        |         |       | 7.31   |          |      |         | 7.31  | ml                                                                                  |  |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |      |         | 7.20  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        |         |       | 7.31   |          |      |         | 7.31  | ml                                                                                  |  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      | lado frontal                                                                                                                                                                                             |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 12       |         |       | 1.65   |          |      |         | 19.80 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 2.06    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 2        | 0.89    |       |        |          |      |         | 1.78  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 2.10    |       |        |          |      |         | 2.10  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 1.27    |       |        |          |      |         | 1.27  | ml                                                                                  |  |
|                      | lado lateral                                                                                                                                                                                             |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 2        | 9.04    |       |        |          |      |         | 18.08 | ml                                                                                  |  |
|                      | lado posterior                                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |  |
|                      |                                                                                                                                                                                                          | 3        | 4.16    |       |        |          |      |         | 12.48 | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.20    |       |        |          |      |         | 4.20  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |  |
|                      |                                                                                                                                                                                                          | 1        | 4.12    |       |        |          |      |         | 4.12  | ml                                                                                  |  |
|                      | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |  |

  
 Merys del Socorro Molina  
 ARQUITECTO  
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| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|-------------------------------------------------------------------------------------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |       |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |                                                                                     |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID                                                                                |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |                                                                                     |
|                      | en eje 2-2                                                                                                                                                                                               | 4        |         |       | 1.65   |          |      |         | 6.60  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.06    |       |        |          |      |         | 2.06  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.45    |       |        |          |      |         | 2.45  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 7.00    |       |        |          |      |         | 7.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 7.07    |       |        |          |      |         | 7.07  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.20    |       |        |          |      |         | 8.20  | ml                                                                                  |
|                      | en eje A-C-D-G                                                                                                                                                                                           | 2        | 8.84    |       |        |          |      |         | 17.68 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 4        | 8.71    |       |        |          |      |         | 34.84 | ml                                                                                  |
|                      | en eje 1-1                                                                                                                                                                                               | 3        | 4.16    |       |        |          |      |         | 12.48 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.20    |       |        |          |      |         | 4.20  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.55    |       |        |          |      |         | 4.55  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.12    |       |        |          |      |         | 4.12  | ml                                                                                  |
|                      | <b>PASADIZO</b>                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        |         |       | 7.31   |          |      |         | 7.31  | ml                                                                                  |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |      |         | 7.20  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        |         |       | 7.31   |          |      |         | 7.31  | ml                                                                                  |
|                      | <b>NIVEL AZOTEA</b>                                                                                                                                                                                      |          |         |       |        |          |      |         |       |                                                                                     |
|                      | exterior                                                                                                                                                                                                 | 16       |         |       | 1.00   |          |      |         | 16.00 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 7        | 2.80    |       |        |          |      |         | 19.60 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.30    |       |        |          |      |         | 2.30  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.52    |       |        |          |      |         | 8.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 11.25   |       |        |          |      |         | 11.25 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 10       |         |       | 1.00   |          |      |         | 10.00 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 9.61    |       |        |          |      |         | 9.61  | ml                                                                                  |
|                      | interior                                                                                                                                                                                                 | 16       |         |       | 1.00   |          |      |         | 16.00 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 7        | 2.80    |       |        |          |      |         | 19.60 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.30    |       |        |          |      |         | 2.30  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.52    |       |        |          |      |         | 8.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 20.00   |       |        |          |      |         | 20.00 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 10       |         |       | 1.00   |          |      |         | 10.00 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 9.61    |       |        |          |      |         | 9.61  | ml                                                                                  |
|                      |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
|                      | <b>MÓDULO 02</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       | 986.35                                                                              |
|                      | <b>1ER NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       |                                                                                     |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | lado frontal                                                                                                                                                                                             | 8        |         |       | 1.45   |          |      |         | 11.60 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.77    |       |        |          |      |         | 0.77  | ml                                                                                  |
|                      | lado lateral                                                                                                                                                                                             | 1        | 4.20    |       |        |          |      |         | 4.20  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.30    |       |        |          |      |         | 4.30  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 7.36    |       |        |          |      |         | 14.72 | ml                                                                                  |
|                      | lado posterior                                                                                                                                                                                           | 1        | 8.14    |       |        |          |      |         | 8.14  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 2.90    |       |        |          |      |         | 5.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.20    |       |        |          |      |         | 3.20  | ml                                                                                  |
|                      | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | en eje 3-3                                                                                                                                                                                               | 6        |         |       | 1.65   |          |      |         | 9.90  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml                                                                                  |
|                      | en eje D-B                                                                                                                                                                                               | 2        | 7.76    |       |        |          |      |         | 15.52 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.49    |       |        |          |      |         | 8.49  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 7.89    |       |        |          |      |         | 7.89  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.49    |       |        |          |      |         | 4.49  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.09    |       |        |          |      |         | 5.09  | ml                                                                                  |
|                      | entre eje B y A                                                                                                                                                                                          | 1        | 9.14    |       |        |          |      |         | 9.14  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.64    |       |        |          |      |         | 8.64  | ml                                                                                  |
|                      | en eje 2 y 1                                                                                                                                                                                             | 2        | 1.40    |       |        |          |      |         | 2.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       |        |          |      |         | 1.70  | ml                                                                                  |
|                      | en SH.                                                                                                                                                                                                   | 6        |         |       | 0.95   |          |      |         | 5.70  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 18.65   |       |        |          |      |         | 18.65 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 18.80   |       |        |          |      |         | 18.80 | ml                                                                                  |
|                      | <b>2DO NIVEL</b>                                                                                                                                                                                         |          |         |       |        |          |      |         |       |                                                                                     |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | lado frontal                                                                                                                                                                                             | 8        |         |       | 1.65   |          |      |         | 13.20 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.77    |       |        |          |      |         | 0.77  | ml                                                                                  |


  
 ARQUITECTO  
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| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|-------------------------------------------------------------------------------------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |       |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |                                                                                     |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID                                                                                |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |                                                                                     |
|                      | lado lateral                                                                                                                                                                                             | 1        | 4.80    |       |        |          |      |         | 4.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.90    |       |        |          |      |         | 4.90  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 7.76    |       |        |          |      |         | 15.52 | ml                                                                                  |
|                      | lado posterior                                                                                                                                                                                           | 1        | 9.34    |       |        |          |      |         | 9.34  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 3.50    |       |        |          |      |         | 7.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.80    |       |        |          |      |         | 3.80  | ml                                                                                  |
|                      | INTERIOR<br>en eje 3-3                                                                                                                                                                                   | 6        |         |       | 1.65   |          |      |         | 9.90  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml                                                                                  |
|                      | en eje D-B                                                                                                                                                                                               | 2        | 7.76    |       |        |          |      |         | 15.52 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.49    |       |        |          |      |         | 8.49  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 7.89    |       |        |          |      |         | 7.89  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.49    |       |        |          |      |         | 4.49  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.09    |       |        |          |      |         | 5.09  | ml                                                                                  |
|                      | entre eje B y A                                                                                                                                                                                          | 1        | 9.14    |       |        |          |      |         | 9.14  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.64    |       |        |          |      |         | 8.64  | ml                                                                                  |
|                      | en eje 2 y 1                                                                                                                                                                                             | 2        | 1.40    |       |        |          |      |         | 2.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       |        |          |      |         | 1.70  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 0.95   |          |      |         | 5.70  | ml                                                                                  |
|                      | en SH.                                                                                                                                                                                                   | 1        | 18.65   |       |        |          |      |         | 18.65 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 18.80   |       |        |          |      |         | 18.80 | ml                                                                                  |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 12.80   |       |        |          |      |         | 12.80 | ml                                                                                  |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |      |         | 7.20  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 12.80   |       |        |          |      |         | 12.80 | ml                                                                                  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | lado frontal                                                                                                                                                                                             | 8        |         |       | 1.65   |          |      |         | 13.20 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.77    |       |        |          |      |         | 0.77  | ml                                                                                  |
|                      | lado lateral                                                                                                                                                                                             | 1        | 4.80    |       |        |          |      |         | 4.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.90    |       |        |          |      |         | 4.90  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 7.76    |       |        |          |      |         | 15.52 | ml                                                                                  |
|                      | lado posterior                                                                                                                                                                                           | 1        | 9.34    |       |        |          |      |         | 9.34  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 3.50    |       |        |          |      |         | 7.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.80    |       |        |          |      |         | 3.80  | ml                                                                                  |
|                      | INTERIOR<br>en eje 3-3                                                                                                                                                                                   | 6        |         |       | 1.65   |          |      |         | 9.90  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml                                                                                  |
|                      | en eje D-B                                                                                                                                                                                               | 2        | 7.76    |       |        |          |      |         | 15.52 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.49    |       |        |          |      |         | 8.49  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 7.89    |       |        |          |      |         | 7.89  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.49    |       |        |          |      |         | 4.49  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.09    |       |        |          |      |         | 5.09  | ml                                                                                  |
|                      | entre eje B y A                                                                                                                                                                                          | 1        | 9.14    |       |        |          |      |         | 9.14  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 8.64    |       |        |          |      |         | 8.64  | ml                                                                                  |
|                      | en eje 2 y 1                                                                                                                                                                                             | 2        | 1.40    |       |        |          |      |         | 2.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       |        |          |      |         | 1.70  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 0.95   |          |      |         | 5.70  | ml                                                                                  |
|                      | en SH.                                                                                                                                                                                                   | 1        | 18.65   |       |        |          |      |         | 18.65 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 18.80   |       |        |          |      |         | 18.80 | ml                                                                                  |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 12.80   |       |        |          |      |         | 12.80 | ml                                                                                  |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |      |         | 7.20  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 12.80   |       |        |          |      |         | 12.80 | ml                                                                                  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | lado frontal                                                                                                                                                                                             | 8        |         |       | 1.65   |          |      |         | 13.20 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 0.77    |       |        |          |      |         | 0.77  | ml                                                                                  |
|                      | lado lateral                                                                                                                                                                                             | 1        | 4.80    |       |        |          |      |         | 4.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.90    |       |        |          |      |         | 4.90  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 7.76    |       |        |          |      |         | 15.52 | ml                                                                                  |
|                      | lado posterior                                                                                                                                                                                           | 1        | 9.34    |       |        |          |      |         | 9.34  | ml                                                                                  |

  
 ARQUITECTO  
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| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|--------|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |      |         |       |        |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |        |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |        |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |        |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID   |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |        |
|                      |                                                                                                                                                                                                          | 1        | 9.34    |       |        |          |      |         | 9.34  | ml     |
|                      |                                                                                                                                                                                                          | 2        | 3.50    |       |        |          |      |         | 7.00  | ml     |
|                      | INTERIOR<br>en eje 3-3                                                                                                                                                                                   | 1        | 3.80    |       |        |          |      |         | 3.80  | ml     |
|                      |                                                                                                                                                                                                          | 8        |         |       | 1.65   |          |      |         | 13.20 | ml     |
|                      |                                                                                                                                                                                                          | 1        | 0.52    |       |        |          |      |         | 0.52  | ml     |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml     |
|                      | en eje D-B<br>deposito                                                                                                                                                                                   | 1        | 1.20    |       |        |          |      |         | 1.20  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 8.20    |       |        |          |      |         | 8.20  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 8.49    |       |        |          |      |         | 8.49  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 7.89    |       |        |          |      |         | 7.89  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 4.49    |       |        |          |      |         | 4.49  | ml     |
|                      | entre eje B y A                                                                                                                                                                                          | 1        | 5.09    |       |        |          |      |         | 5.09  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 9.14    |       |        |          |      |         | 9.14  | ml     |
|                      | en eje 2 y 1                                                                                                                                                                                             | 1        | 8.64    |       |        |          |      |         | 8.64  | ml     |
|                      |                                                                                                                                                                                                          | 2        | 1.40    |       |        |          |      |         | 2.80  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 1.70    |       |        |          |      |         | 1.70  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 1.20    |       |        |          |      |         | 1.20  | ml     |
|                      | en SH.                                                                                                                                                                                                   | 8        |         |       | 0.95   |          |      |         | 7.60  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 18.65   |       |        |          |      |         | 18.65 | ml     |
|                      |                                                                                                                                                                                                          | 1        | 18.80   |       |        |          |      |         | 18.80 | ml     |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |        |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 12.80   |       |        |          |      |         | 12.80 | ml     |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |      |         | 7.20  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 12.80   |       |        |          |      |         | 12.80 | ml     |
|                      | NIVEL AZOTEA                                                                                                                                                                                             |          |         |       |        |          |      |         |       |        |
|                      | exterior                                                                                                                                                                                                 | 12       |         |       | 1.00   |          |      |         | 12.00 | ml     |
|                      |                                                                                                                                                                                                          | 5        | 1.92    |       |        |          |      |         | 9.60  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       |        |          |      |         | 1.85  | ml     |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 7.57    |       |        |          |      |         | 7.57  | ml     |
|                      |                                                                                                                                                                                                          | 12       |         |       | 1.00   |          |      |         | 12.00 | ml     |
|                      |                                                                                                                                                                                                          | 1        | 12.59   |       |        |          |      |         | 12.59 | ml     |
|                      | interior                                                                                                                                                                                                 | 12       |         |       | 1.00   |          |      |         | 12.00 | ml     |
|                      |                                                                                                                                                                                                          | 5        | 1.92    |       |        |          |      |         | 9.60  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 1.85    |       |        |          |      |         | 1.85  | ml     |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 7.57    |       |        |          |      |         | 7.57  | ml     |
|                      |                                                                                                                                                                                                          | 12       |         |       | 1.00   |          |      |         | 12.00 | ml     |
|                      |                                                                                                                                                                                                          | 1        | 12.59   |       |        |          |      |         | 12.59 | ml     |
|                      |                                                                                                                                                                                                          | 8        |         |       | 1.00   |          |      |         | 8.00  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 8.42    |       |        |          |      |         | 8.42  | ml     |
|                      | MÓDULO 03                                                                                                                                                                                                |          |         |       |        |          |      |         |       | 714.56 |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |        |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |        |
|                      | lado frontal                                                                                                                                                                                             | 2        |         |       | 1.45   |          |      |         | 2.90  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       |        |          |      |         | 0.47  | ml     |
|                      | lado lateral                                                                                                                                                                                             | 1        | 7.74    |       |        |          |      |         | 7.74  | ml     |
|                      | lado posterior                                                                                                                                                                                           | 1        | 4.35    |       |        |          |      |         | 4.35  | ml     |
|                      |                                                                                                                                                                                                          | 6        |         |       | 0.82   |          |      |         | 4.92  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 3.59    |       |        |          |      |         | 3.59  | ml     |
|                      | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |        |
|                      | en eje 1-1                                                                                                                                                                                               | 1        | 3.77    |       |        |          |      |         | 3.77  | ml     |
|                      |                                                                                                                                                                                                          | 2        | 1.37    |       |        |          |      |         | 2.74  | ml     |
|                      | en eje D-D                                                                                                                                                                                               | 1        | 8.14    |       |        |          |      |         | 8.14  | ml     |
|                      | en eje C-C                                                                                                                                                                                               | 4        | 6.71    |       |        |          |      |         | 26.84 | ml     |
|                      | en eje B-B                                                                                                                                                                                               | 1        | 7.74    |       |        |          |      |         | 7.74  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 6.81    |       |        |          |      |         | 6.81  | ml     |
|                      |                                                                                                                                                                                                          | 2        | 6.81    |       |        |          |      |         | 13.62 | ml     |
|                      | en eje 3-3                                                                                                                                                                                               | 1        | 4.75    |       |        |          |      |         | 4.75  | ml     |
|                      |                                                                                                                                                                                                          | 2        | 6.13    |       |        |          |      |         | 12.26 | ml     |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |        |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |        |
|                      | lado frontal                                                                                                                                                                                             | 2        |         |       | 1.65   |          |      |         | 3.30  | ml     |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       |        |          |      |         | 0.47  | ml     |
|                      | lado lateral                                                                                                                                                                                             | 1        | 8.34    |       |        |          |      |         | 8.34  | ml     |
|                      | lado posterior                                                                                                                                                                                           | 1        | 4.95    |       |        |          |      |         | 4.95  | ml     |

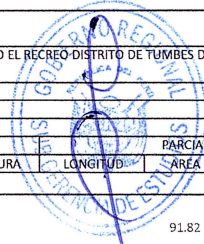
| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |         |         |       |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|-------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |         |         |       |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |       |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |       |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |       |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL |         | TOTAL | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |       |      |
|                      |                                                                                                                                                                                                          | 2        |         |       | 1.12   |          |         | 2.24    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.07   |          |         | 4.28    | ml    |      |
|                      | INTERIOR                                                                                                                                                                                                 | 1        | 3.59    |       |        |          |         | 3.59    | ml    |      |
|                      | en eje 1-1                                                                                                                                                                                               | 1        | 3.77    |       |        |          |         | 3.77    | ml    |      |
|                      | en eje D-D                                                                                                                                                                                               | 2        | 1.37    |       |        |          |         | 2.74    | ml    |      |
|                      | en eje C-C                                                                                                                                                                                               | 1        | 8.14    |       |        |          |         | 8.14    | ml    |      |
|                      | en eje B-B                                                                                                                                                                                               | 4        | 6.71    |       |        |          |         | 26.84   | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 7.74    |       |        |          |         | 7.74    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 6.81    |       |        |          |         | 6.81    | ml    |      |
|                      | en eje 3-3                                                                                                                                                                                               | 2        | 6.81    |       |        |          |         | 13.62   | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 4.75    |       |        |          |         | 4.75    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 6.13    |       |        |          |         | 6.13    | ml    |      |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |         | 8.00    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.25   |          |         | 5.00    | ml    |      |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |         | 7.20    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.25   |          |         | 5.00    | ml    |      |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | lado frontal                                                                                                                                                                                             | 2        |         |       | 1.65   |          |         | 3.30    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       |        |          |         | 0.47    | ml    |      |
|                      | lado lateral                                                                                                                                                                                             | 1        | 8.34    |       |        |          |         | 8.34    | ml    |      |
|                      | lado posterior                                                                                                                                                                                           | 1        | 4.95    |       |        |          |         | 4.95    | ml    |      |
|                      |                                                                                                                                                                                                          | 2        |         |       | 1.12   |          |         | 2.24    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.07   |          |         | 4.28    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 3.59    |       |        |          |         | 3.59    | ml    |      |
|                      | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | en eje 1-1                                                                                                                                                                                               | 1        | 3.77    |       |        |          |         | 3.77    | ml    |      |
|                      | en eje D-D                                                                                                                                                                                               | 2        | 1.37    |       |        |          |         | 2.74    | ml    |      |
|                      | en eje C-C                                                                                                                                                                                               | 1        | 8.14    |       |        |          |         | 8.14    | ml    |      |
|                      | en eje B-B                                                                                                                                                                                               | 4        | 6.71    |       |        |          |         | 26.84   | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 7.74    |       |        |          |         | 7.74    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 6.81    |       |        |          |         | 6.81    | ml    |      |
|                      | en eje 3-3                                                                                                                                                                                               | 2        | 6.81    |       |        |          |         | 13.62   | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 4.75    |       |        |          |         | 4.75    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 6.13    |       |        |          |         | 6.13    | ml    |      |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |         | 8.00    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.25   |          |         | 5.00    | ml    |      |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |         | 7.20    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.25   |          |         | 5.00    | ml    |      |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | lado frontal                                                                                                                                                                                             | 2        |         |       | 1.65   |          |         | 3.30    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 0.47    |       |        |          |         | 0.47    | ml    |      |
|                      | lado lateral                                                                                                                                                                                             | 1        | 8.34    |       |        |          |         | 8.34    | ml    |      |
|                      | lado posterior                                                                                                                                                                                           | 1        | 4.95    |       |        |          |         | 4.95    | ml    |      |
|                      |                                                                                                                                                                                                          | 2        |         |       | 1.12   |          |         | 2.24    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.07   |          |         | 4.28    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 3.59    |       |        |          |         | 3.59    | ml    |      |
|                      | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | en eje 1-1                                                                                                                                                                                               | 1        | 3.77    |       |        |          |         | 3.77    | ml    |      |
|                      | en eje D-D                                                                                                                                                                                               | 2        | 1.37    |       |        |          |         | 2.74    | ml    |      |
|                      | en eje C-C                                                                                                                                                                                               | 1        | 8.14    |       |        |          |         | 8.14    | ml    |      |
|                      | en eje B-B                                                                                                                                                                                               | 4        | 6.71    |       |        |          |         | 26.84   | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 7.74    |       |        |          |         | 7.74    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 6.81    |       |        |          |         | 6.81    | ml    |      |
|                      | en eje 3-3                                                                                                                                                                                               | 2        | 6.81    |       |        |          |         | 13.62   | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 4.75    |       |        |          |         | 4.75    | ml    |      |
|                      |                                                                                                                                                                                                          | 1        | 6.13    |       |        |          |         | 6.13    | ml    |      |
|                      | PASADIZO                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |         | 8.00    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.25   |          |         | 5.00    | ml    |      |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 0.90   |          |         | 7.20    | ml    |      |
|                      |                                                                                                                                                                                                          | 4        |         |       | 1.25   |          |         | 5.00    | ml    |      |

  
 ALBERTO DEL ROSARIO ROSALES  
 ARQUITECTO  
 CAP. 17206


| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|-------------------------------------------------------------------------------------|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |      |         |       |  |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |                                                                                     |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |                                                                                     |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |                                                                                     |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID                                                                                |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |                                                                                     |
|                      | 5TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | lado frontal                                                                                                                                                                                             | 1        | 4.96    |       |        |          |      |         | 4.96  | ml                                                                                  |
|                      | lado lateral                                                                                                                                                                                             | 2        | 5.16    |       |        |          |      |         | 10.32 | ml                                                                                  |
|                      | lado posterior                                                                                                                                                                                           | 1        | 5.39    |       |        |          |      |         | 5.39  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.80    |       |        |          |      |         | 4.80  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.75    |       |        |          |      |         | 4.75  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.76    |       |        |          |      |         | 3.76  | ml                                                                                  |
|                      |                                                                                                                                                                                                          |          |         |       |        |          |      |         | 0.00  | ml                                                                                  |
|                      | INTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | en eje 1-1                                                                                                                                                                                               | 1        | 5.56    |       |        |          |      |         | 5.56  | ml                                                                                  |
|                      | en eje B-B                                                                                                                                                                                               | 2        | 5.76    |       |        |          |      |         | 11.52 | ml                                                                                  |
|                      | en eje C-C                                                                                                                                                                                               | 2        | 4.56    |       |        |          |      |         | 9.12  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 6.12    |       |        |          |      |         | 12.24 | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 5.68    |       |        |          |      |         | 11.36 | ml                                                                                  |
|                      | en eje 3-3                                                                                                                                                                                               | 1        | 2.44    |       |        |          |      |         | 2.44  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.35    |       |        |          |      |         | 5.35  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.40    |       |        |          |      |         | 5.40  | ml                                                                                  |
|                      | NIVEL AZOTEA                                                                                                                                                                                             |          |         |       |        |          |      |         |       |                                                                                     |
|                      | exterior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 3        | 2.80    |       |        |          |      |         | 8.40  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.08    |       |        |          |      |         | 2.08  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 6.82    |       |        |          |      |         | 6.82  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.99    |       |        |          |      |         | 3.99  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 6.82    |       |        |          |      |         | 6.82  | ml                                                                                  |
|                      | interior                                                                                                                                                                                                 | 8        |         |       | 1.00   |          |      |         | 8.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 3        | 2.80    |       |        |          |      |         | 8.40  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 2.08    |       |        |          |      |         | 2.08  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 6.82    |       |        |          |      |         | 6.82  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 3.99    |       |        |          |      |         | 3.99  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 6        |         |       | 1.00   |          |      |         | 6.00  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 6.82    |       |        |          |      |         | 6.82  | ml                                                                                  |
|                      | MÓDULO 04                                                                                                                                                                                                |          |         |       |        |          |      |         | 56.88 |                                                                                     |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |      |         |       |                                                                                     |
|                      | EXTERIOR                                                                                                                                                                                                 | 1        | 3.92    |       |        |          |      |         | 3.92  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.88    |       |        |          |      |         | 4.88  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 4.77    |       |        |          |      |         | 4.77  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 6.84    |       |        |          |      |         | 6.84  | ml                                                                                  |
|                      | INTERIOR                                                                                                                                                                                                 | 1        | 4.32    |       |        |          |      |         | 4.32  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.28    |       |        |          |      |         | 5.28  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 5.17    |       |        |          |      |         | 5.17  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 1        | 7.24    |       |        |          |      |         | 7.24  | ml                                                                                  |
|                      |                                                                                                                                                                                                          | 2        | 7.22    |       |        |          |      |         | 14.44 | ml                                                                                  |
| 03.10.04             | Suministro y Colocación de Letras de Acero Inoxidable Satinado                                                                                                                                           |          |         |       |        |          |      |         | 27.00 | UND                                                                                 |
|                      | FRONTIS                                                                                                                                                                                                  |          |         |       |        |          |      |         |       |                                                                                     |
|                      |                                                                                                                                                                                                          | 27       |         |       |        |          |      |         |       | UND                                                                                 |
| 03.10.05             | Suministro y Colocación de Insignia metálica de Acero Inoxidable Satinado                                                                                                                                |          |         |       |        |          |      |         | 1.00  | UND                                                                                 |
|                      | FRONTIS                                                                                                                                                                                                  |          |         |       |        |          |      |         |       |                                                                                     |
|                      |                                                                                                                                                                                                          | 1        |         |       |        |          |      |         |       | UND                                                                                 |
| 03.10.06             | Suministro y colocación de Tachos para basura de 3 depósitos inc. Accesorios de anclaje                                                                                                                  |          |         |       |        |          |      |         | 3.00  | UND                                                                                 |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |      |         |       |                                                                                     |
|                      | exterior MOD.03                                                                                                                                                                                          | 2        |         |       |        |          |      |         |       | UND                                                                                 |
|                      | exterior MOD.02                                                                                                                                                                                          | 1        |         |       |        |          |      |         |       | UND                                                                                 |
| 03.10.07             | Suministro y colocación de Grass natural                                                                                                                                                                 |          |         |       |        |          |      |         | 91.82 | M2                                                                                  |

*[Handwritten Signature]*  
 Miguel Ángel Quintero Nolasca  
 ARQUITECTO  
 CAP. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |         |         |       |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|---------|---------|-------|------|
| PROYECTO             | *MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES* |          |         |       |        |          |         |         |       |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |         |         |       |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |         |         |       |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |         |         |       |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          | PARCIAL |         | TOTAL | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |       |      |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      |                                                                                                                                                                                                          | 1        |         |       | área   |          |         | 91.82   |       | m2   |
| 03.10.08             | Suministro y colocación de Tierra de Cultivo h=0.20m                                                                                                                                                     |          |         |       |        |          |         | 91.82   |       | M3   |
|                      | EXTERIOR                                                                                                                                                                                                 |          |         |       |        |          |         |         |       |      |
|                      |                                                                                                                                                                                                          | 1        |         |       | área   |          |         | 91.82   |       | m2   |
| 03.10.09             | Suministro y colocación de piso podo táctil de 0.30x0.30 en rampa                                                                                                                                        |          |         |       |        |          |         | 2.51    |       | M2   |
|                      | EXTERIORES                                                                                                                                                                                               |          |         |       |        |          |         |         |       |      |
|                      | en Ingreso Principal                                                                                                                                                                                     |          |         |       |        |          |         |         |       |      |
|                      | rampa 01                                                                                                                                                                                                 | 2        | 1.20    | 0.30  |        |          |         | 0.72    |       | m2   |
|                      | rampa 02                                                                                                                                                                                                 | 1        | 2.66    | 0.30  |        |          |         | 0.80    |       | m3   |
|                      |                                                                                                                                                                                                          | 1        | 3.31    | 0.30  |        |          |         | 0.99    |       | m4   |
| 03.10.10             | Media caña de Concreto para evacuación pluvial en coberturas. Con Aditivo Impermeabilizante                                                                                                              |          |         |       |        |          |         | 66.06   |       | ML   |
|                      | NIVEL AZOTEA                                                                                                                                                                                             |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 2        | 23.85   |       |        |          |         | 47.70   |       | ml   |
|                      | Módulo 02                                                                                                                                                                                                | 1        | 12.75   |       |        |          |         | 12.75   |       | ml   |
|                      | Módulo 04                                                                                                                                                                                                | 1        | 5.61    |       |        |          |         | 5.61    |       | ml   |
| 03.10.11             | Sembrado de Arbustos                                                                                                                                                                                     |          |         |       |        |          |         | 5.00    |       | UND  |
|                      | EXTERIORES                                                                                                                                                                                               |          |         |       |        |          |         |         |       |      |
|                      | en ingreso principal                                                                                                                                                                                     | 5        |         |       |        |          |         |         |       | UND  |
| 03.10.12             | Marcación de patio de formacion                                                                                                                                                                          |          |         |       |        |          |         | 1.00    |       | GLB  |
|                      | EXTERIORES                                                                                                                                                                                               |          |         |       |        |          |         |         |       |      |
|                      | PLATAFORMA DEPORTIVA                                                                                                                                                                                     | 1        |         |       |        |          |         |         |       | GLB  |
| 03.10.13             | SEÑALES INFORMATIVAS DE SEGURIDAD                                                                                                                                                                        |          |         |       |        |          |         |         |       |      |
| 03.10.13.01          | Suministro y colocación de señalización adosada a pared de 0.20x0.30m                                                                                                                                    |          |         |       |        |          |         | 104.00  |       | UND  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 12       |         |       |        |          |         |         |       | UND  |
|                      | Módulo 02                                                                                                                                                                                                | 8        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 03                                                                                                                                                                                                | 5        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 04                                                                                                                                                                                                | 1        |         |       |        |          |         |         |       | UND  |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 12       |         |       |        |          |         |         |       | UND  |
|                      | Módulo 02                                                                                                                                                                                                | 8        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 03                                                                                                                                                                                                | 5        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 04                                                                                                                                                                                                | 1        |         |       |        |          |         |         |       | UND  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 12       |         |       |        |          |         |         |       | UND  |
|                      | Módulo 02                                                                                                                                                                                                | 8        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 03                                                                                                                                                                                                | 5        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 04                                                                                                                                                                                                | 1        |         |       |        |          |         |         |       | UND  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 12       |         |       |        |          |         |         |       | UND  |
|                      | Módulo 02                                                                                                                                                                                                | 8        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 03                                                                                                                                                                                                | 5        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 04                                                                                                                                                                                                | 1        |         |       |        |          |         |         |       | UND  |
| 03.10.13.02          | Suministro y colocación de señalización adosada a pared de 0.30x0.40m                                                                                                                                    |          |         |       |        |          |         | 32.00   |       | UND  |
|                      | 1ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 02                                                                                                                                                                                                | 3        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 03                                                                                                                                                                                                | 4        |         |       |        |          |         |         |       | UND  |
|                      | 2DO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 02                                                                                                                                                                                                | 3        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 03                                                                                                                                                                                                | 4        |         |       |        |          |         |         |       | UND  |
|                      | 3ER NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 02                                                                                                                                                                                                | 3        |         |       |        |          |         |         |       | UND  |
|                      | Módulo 03                                                                                                                                                                                                | 4        |         |       |        |          |         |         |       | UND  |
|                      | 4TO NIVEL                                                                                                                                                                                                |          |         |       |        |          |         |         |       |      |

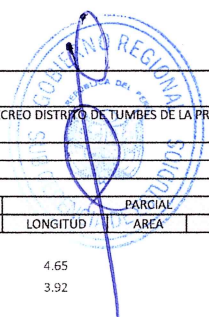



Miguel Ángel Acosta Medina
   
 ARQUITECTO
   
 CAP. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|-----------------|---------|-------------------------------------------------------------------------------------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |                 |         |  |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |                 |         |                                                                                     |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |                 |         |                                                                                     |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        |          |      | PARCIAL<br>AREA | VOLUMEN | TOTAL                                                                               | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD |      |                 |         |                                                                                     |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
|                      | Módulo 02                                                                                                                                                                                                | 3        |         |       |        |          |      |                 |         | UND                                                                                 |      |
|                      | Módulo 03                                                                                                                                                                                                | 4        |         |       |        |          |      |                 |         | UND                                                                                 |      |
| 03.10.13.03          | Suministro y colocación de Extintores                                                                                                                                                                    |          |         |       |        |          |      |                 | 8.00    | UND                                                                                 |      |
| <b>1ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
|                      | Módulo 02                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
| <b>2DO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
|                      | Módulo 02                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
| <b>3ER NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
|                      | Módulo 02                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
| <b>4TO NIVEL</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | Módulo 01                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
|                      | Módulo 02                                                                                                                                                                                                | 1        |         |       |        |          |      |                 |         | UND                                                                                 |      |
| 03.10.14             | MESAS Y MESADAS DE CONCRETO                                                                                                                                                                              |          |         |       |        |          |      |                 |         |                                                                                     |      |
| 03.10.14.01          | Concreto F'C=175KG/CM2 para Mesas, Bancas, Mesadas, Jardineras                                                                                                                                           |          |         |       |        |          |      |                 | 3.88    | M3                                                                                  |      |
| <b>MÓDULO 02</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
| <b>MESADAS</b>       |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
| <b>PRIMER NIVEL</b>  |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    | 1        | 2.72    | 0.75  | 0.10   |          |      |                 | 0.20    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.75    | 0.1   | 0.80   |          |      |                 | 0.18    |                                                                                     |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    | 1        | 2.87    | 0.6   | 0.10   |          |      |                 | 0.17    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.60    | 0.1   | 0.80   |          |      |                 | 0.14    |                                                                                     |      |
| <b>SEGUNDO NIVEL</b> |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    | 1        | 2.72    | 0.75  | 0.10   |          |      |                 | 0.20    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.75    | 0.1   | 0.80   |          |      |                 | 0.18    |                                                                                     |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    | 1        | 2.87    | 0.6   | 0.10   |          |      |                 | 0.17    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.60    | 0.1   | 0.80   |          |      |                 | 0.14    |                                                                                     |      |
| <b>TERCER NIVEL</b>  |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    | 1        | 2.72    | 0.75  | 0.10   |          |      |                 | 0.20    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.75    | 0.1   | 0.80   |          |      |                 | 0.18    |                                                                                     |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    | 1        | 2.87    | 0.6   | 0.10   |          |      |                 | 0.17    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.60    | 0.1   | 0.80   |          |      |                 | 0.14    |                                                                                     |      |
| <b>CUARTO NIVEL</b>  |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    | 1        | 2.72    | 0.75  | 0.10   |          |      |                 | 0.20    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.75    | 0.1   | 0.80   |          |      |                 | 0.18    |                                                                                     |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    | 1        | 2.87    | 0.6   | 0.10   |          |      |                 | 0.17    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 3        | 0.60    | 0.1   | 0.80   |          |      |                 | 0.14    |                                                                                     |      |
| <b>MÓDULO 01</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
| <b>MESADAS</b>       |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
| <b>CUARTO NIVEL</b>  |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    | 1        | 9.55    | 0.75  | 0.10   |          |      |                 | 0.72    |                                                                                     |      |
|                      |                                                                                                                                                                                                          | 6        | 0.75    | 0.10  | 0.80   |          |      |                 | 0.36    |                                                                                     |      |
| 03.10.14.02          | Acero fy=4,200 kg/cm2, para Mesas, Bancas, Jardineras, Mesadas                                                                                                                                           |          |         |       |        |          |      |                 | 190.42  | Kg                                                                                  |      |
| <b>MÓDULO 02</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
| <b>PRIMER NIVEL</b>  |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       | FAC    | FAC      | PES  |                 |         |                                                                                     |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 4        | 2.62    | 10.48 | 0.56   |          | 5.87 |                 | 5.87    |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.65    | 9.10  | 0.56   |          | 5.10 |                 | 5.10    |                                                                                     |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   |          | 4.37 |                 | 4.37    |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   |          | 3.53 |                 | 3.53    |                                                                                     |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 3        | 2.77    | 8.31  | 0.56   |          | 4.65 |                 | 4.65    |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.50    | 7.00  | 0.56   |          | 3.92 |                 | 3.92    |                                                                                     |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   |          | 4.37 |                 | 4.37    |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   |          | 3.53 |                 | 3.53    |                                                                                     |      |
| <b>SEGUNDO NIVEL</b> |                                                                                                                                                                                                          |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       | FAC    | FAC      | PES  |                 |         |                                                                                     |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 4        | 2.62    | 10.48 | 0.56   |          | 5.87 |                 | 5.87    |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.65    | 9.10  | 0.56   |          | 5.10 |                 | 5.10    |                                                                                     |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |                 |         |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   |          | 4.37 |                 | 4.37    |                                                                                     |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   |          | 3.53 |                 | 3.53    |                                                                                     |      |

  
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 ARQUITECTO  
 CAP. 17206

| PLANILLA DE METRADOS |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------|--------|----------|------|---------|-------|------|
| PROYECTO             | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |          |         |       |        |          |      |         |       |      |
| ESPECIALIDAD         | 03 ARQUITECTURA                                                                                                                                                                                          |          |         |       |        |          |      |         |       |      |
| ENTIDAD              | GOBIERNO REGIONAL DE TUMBES                                                                                                                                                                              |          |         |       |        |          |      |         |       |      |
| LUGAR                | ZARUMILLA - ZARUMILLA - TUMBES                                                                                                                                                                           |          |         |       |        |          |      |         |       |      |
| PARTIDA              | ESPECIFICACIONES                                                                                                                                                                                         | N° VECES | MEDIDAS |       |        | PARCIAL  |      |         | TOTAL | UNID |
|                      |                                                                                                                                                                                                          |          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA | VOLUMEN |       |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 3        | 2.77    | 8.31  | 0.56   | 4.65     |      | 4.65    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.50    | 7.00  | 0.56   | 3.92     |      | 3.92    |       |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |         |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   | 4.37     |      | 4.37    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   | 3.53     |      | 3.53    |       |      |
|                      | TERCER NIVEL                                                                                                                                                                                             |          |         | FAC   | FAC    | PES      |      |         |       |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 4        | 2.62    | 10.48 | 0.56   | 5.87     |      | 5.87    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.65    | 9.10  | 0.56   | 5.10     |      | 5.10    |       |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |         |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   | 4.37     |      | 4.37    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   | 3.53     |      | 3.53    |       |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 3        | 2.77    | 8.31  | 0.56   | 4.65     |      | 4.65    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.50    | 7.00  | 0.56   | 3.92     |      | 3.92    |       |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |         |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   | 4.37     |      | 4.37    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   | 3.53     |      | 3.53    |       |      |
|                      | CUARTO NIVEL                                                                                                                                                                                             |          |         | FAC   | FAC    | PES      |      |         |       |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 4        | 2.62    | 10.48 | 0.56   | 5.87     |      | 5.87    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.65    | 9.10  | 0.56   | 5.10     |      | 5.10    |       |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |         |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   | 4.37     |      | 4.37    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   | 3.53     |      | 3.53    |       |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 3        | 2.77    | 8.31  | 0.56   | 4.65     |      | 4.65    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 14       | 0.50    | 7.00  | 0.56   | 3.92     |      | 3.92    |       |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |         |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 12       | 0.65    | 7.80  | 0.56   | 4.37     |      | 4.37    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 9        | 0.70    | 6.30  | 0.56   | 3.53     |      | 3.53    |       |      |
| <b>MÓDULO 01</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |      |
|                      | CUARTO NIVEL                                                                                                                                                                                             |          |         | FAC   | FAC    | PES      |      |         |       |      |
|                      | A.i.P                                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 2        | 9.45    | 18.9  | 0.56   | 10.58    |      | 10.58   |       |      |
|                      | LOGL ø 3/8"                                                                                                                                                                                              | 1        | 14.23   | 14.23 | 0.56   | 7.97     |      | 7.97    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 15       | 0.50    | 7.50  | 0.56   | 4.20     |      | 4.20    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 29       | 0.65    | 18.85 | 0.56   | 10.56    |      | 10.56   |       |      |
|                      | APOYOS                                                                                                                                                                                                   |          |         |       |        |          |      |         |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 24       | 0.65    | 15.60 | 0.56   | 8.74     |      | 8.74    |       |      |
|                      | TRANSV ø 3/8"                                                                                                                                                                                            | 18       | 0.70    | 12.60 | 0.56   | 7.06     |      | 7.06    |       |      |
| 03.10.14.03          | Encofrado y Desencofrado de mesas, Bancas de concreto, Mesadas, Jardíneras                                                                                                                               |          |         |       |        |          |      | 56.66   |       | M2   |
| <b>MÓDULO 02</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |      |
|                      | MESADAS                                                                                                                                                                                                  |          |         |       |        |          |      |         |       |      |
|                      | PRIMER NIVEL                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.75  |        |          |      | 2.04    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.60    |       | 0.80   |          |      | 3.84    |       |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.6   |        |          |      | 1.63    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.30    |       | 0.80   |          |      | 3.12    |       |      |
|                      | SEGUNDO NIVEL                                                                                                                                                                                            |          |         |       |        |          |      |         |       |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.75  |        |          |      | 2.04    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.60    |       | 0.80   |          |      | 3.84    |       |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.6   |        |          |      | 1.63    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.30    |       | 0.80   |          |      | 3.12    |       |      |
|                      | TERCER NIVEL                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.75  |        |          |      | 2.04    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.60    |       | 0.80   |          |      | 3.84    |       |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.6   |        |          |      | 1.63    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.30    |       | 0.80   |          |      | 3.12    |       |      |
|                      | CUARTO NIVEL                                                                                                                                                                                             |          |         |       |        |          |      |         |       |      |
|                      | SS.HH ALUMNOS VARONES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.75  |        |          |      | 2.04    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.60    |       | 0.80   |          |      | 3.84    |       |      |
|                      | SS.HH ALUMNOS MUJERES                                                                                                                                                                                    |          |         |       |        |          |      |         |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    |       | 0.10   |          |      | 0.27    |       |      |
|                      |                                                                                                                                                                                                          | 1        | 2.72    | 0.6   |        |          |      | 1.63    |       |      |
|                      |                                                                                                                                                                                                          | 3        | 1.30    |       | 0.80   |          |      | 3.12    |       |      |
| <b>MÓDULO 01</b>     |                                                                                                                                                                                                          |          |         |       |        |          |      |         |       |      |



  
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PLANILLA DE METRADOS



| PROYECTO     |                                                                | "MEJORAMIENTO Y AMPLIACION DEL SERVICIO DE EDUCACION PRIMARIA EN I.E. 009 ZOILA DELGADO DE QUINTANA DE CENTRO POBLADO EL RECREO DISTRITO DE TUMBES DE LA PROVINCIA DE TUMBES DEL DEPARTAMENTO DE TUMBES" |         |       |        |          |         |         |       | TOTAL | UNID |
|--------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------|----------|---------|---------|-------|-------|------|
| ESPECIALIDAD | 03 ARQUITECTURA                                                |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
| ENTIDAD      | GOBIERNO REGIONAL DE TUMBES                                    |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
| LUGAR        | ZARUMILLA - ZARUMILLA - TUMBES                                 |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
| PARTIDA      | ESPECIFICACIONES                                               | N° VECES                                                                                                                                                                                                 | MEDIDAS |       |        |          | PARCIAL |         | TOTAL | UNID  |      |
|              |                                                                |                                                                                                                                                                                                          | LARGO   | ANCHO | ALTURA | LONGITUD | AREA    | VOLUMEN |       |       |      |
|              | MESADAS                                                        |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
|              | CUARTO NIVEL                                                   |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
|              | AJP                                                            |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
|              |                                                                | 1                                                                                                                                                                                                        | 9.55    |       | 0.10   |          |         |         | 0.96  |       |      |
|              |                                                                | 1                                                                                                                                                                                                        | 9.55    | 0.75  |        |          |         |         | 7.16  |       |      |
|              |                                                                | 3                                                                                                                                                                                                        | 1.60    |       | 0.80   |          |         |         | 3.84  |       |      |
| 03.10.15     | JUNTAS DE DILATACION & SARDINELES                              |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
| 03.10.15.01  | Corte y Sellado de Juntas de Contraccion e=6mm                 |                                                                                                                                                                                                          |         |       |        |          |         |         | 34.20 | ML    |      |
|              | en Mod 01                                                      | 8                                                                                                                                                                                                        | 1.80    |       |        | 14.40    |         |         | 14.40 | ml    |      |
|              | en Mod 02                                                      | 4                                                                                                                                                                                                        | 1.80    |       |        | 7.20     |         |         | 7.20  | ml    |      |
|              | en Mod 03                                                      | 7                                                                                                                                                                                                        | 1.80    |       |        | 12.60    |         |         | 12.60 | ml    |      |
|              | en ingreso principal                                           |                                                                                                                                                                                                          | 12.75   |       |        | 0.00     |         |         | 0.00  | ml    |      |
| 03.10.15.02  | Sardinel 0.20x0.50 F'C=175KG/CM2. Inc Encofrado y Desencofrado |                                                                                                                                                                                                          |         |       |        |          |         |         | 52.14 | ML    |      |
|              | EXTERIOR                                                       |                                                                                                                                                                                                          |         |       |        |          |         |         |       |       |      |
|              | en patio de formación                                          | 1                                                                                                                                                                                                        |         |       | 0.20   | 34.73    |         |         | 34.93 | m2    |      |
|              | en vereda entre MOD 01 y 02                                    | 1                                                                                                                                                                                                        |         |       | 0.20   | 1.80     |         |         | 2.00  | m2    |      |
|              | en ingreso principal                                           | 1                                                                                                                                                                                                        |         |       | 0.20   | 12.86    |         |         | 13.06 | m2    |      |
|              |                                                                | 1                                                                                                                                                                                                        |         |       | 0.10   | 2.05     |         |         | 2.15  | m2    |      |

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*[Handwritten Signature]*

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