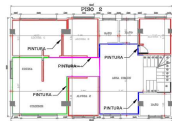
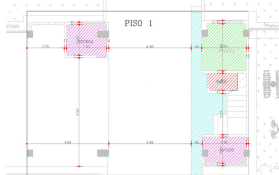
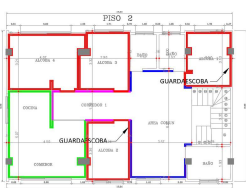


0PRELIMINARES

| ITEM         | DESCRIPCIÓN                                                     |           |           |          |           |              |           | UND            | CANT  | ESQUEMA                                                                              |  |
|--------------|-----------------------------------------------------------------|-----------|-----------|----------|-----------|--------------|-----------|----------------|-------|--------------------------------------------------------------------------------------|--|
| C.1.1        | Desmonte aire acondicionado y cables existentes, incluye retiro |           |           |          |           |              |           | UND            | 4,00  |   |  |
| Sector       | Descripción                                                     | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und] | Total |                                                                                      |  |
| Habitacion 1 | Desmonte Aire                                                   |           |           |          |           |              |           | 1              | 1,00  |                                                                                      |  |
| Habitacion 2 | Desmonte Aire                                                   |           |           |          |           |              |           | 1              | 1,00  |                                                                                      |  |
| Habitacion 3 | Desmonte Aire                                                   |           |           |          |           |              |           | 1              | 1,00  |                                                                                      |  |
| Habitacion 4 | Desmonte Aire                                                   |           |           |          |           |              |           | 1              | 1,00  |                                                                                      |  |
|              |                                                                 |           |           |          |           |              |           |                |       |                                                                                      |  |
|              |                                                                 |           |           |          |           |              |           |                |       |                                                                                      |  |
|              |                                                                 |           |           |          |           |              |           |                |       |                                                                                      |  |
|              |                                                                 |           |           |          |           |              |           |                |       |                                                                                      |  |
| TOTAL        |                                                                 |           |           |          |           |              |           |                | 4,00  |                                                                                      |  |
| ITEM         | DESCRIPCIÓN                                                     |           |           |          |           |              |           | UND            | CANT  | ESQUEMA                                                                              |  |
| C.1.2        | Desmonte y retiro de cielo raso en mal estado                   |           |           |          |           |              |           | M2             | 43,03 |  |  |
| Sector       | Descripción                                                     | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | % INTERV.      | Total |                                                                                      |  |
| Interior     | % cielo raso existente                                          |           |           |          | 143,44    |              |           | 30%            | 43,03 |                                                                                      |  |
|              |                                                                 |           |           |          |           |              |           |                |       |                                                                                      |  |
|              |                                                                 |           |           |          |           |              |           |                |       |                                                                                      |  |
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|              |                                                                 |           |           |          |           |              |           |                |       |                                                                                      |  |
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|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------|-----------|----------|-----------|--------------|-----------|----------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Alcaldia de Bucaramanga | ADECUACIÓN DE LA INFRAESTRUCTURA FÍSICA DE BOMBEROS DE BUCARAMANGA. |           |           |          |           |              |           |                | BOMBEROS BUCARAMANGA<br>ABRIL 2026 |                                                                                                                                                                                |
|                                                                                                              | MEMORIA DE CALCULO PRESUPUESTO OFICIAL                              |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    | <br>FACHADA FRONTAL                                                                         |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                | 143,525                            | ESQUEMA                                                                                                                                                                        |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT           |                                    |                                                                                                                                                                                |
| C.2.3                                                                                                        | Estuco plastico para muros. Inc. Limpieza, raspado y lijado         |           |           |          |           |              | M2        | 385,98         |                                    |                                                                                                                                                                                |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und] | Total                              |                                                                                                                                                                                |
| Interior                                                                                                     | % de intervencion sobre pintura interior                            |           |           |          | 323.92    |              |           | 80%            | 259,14                             | <br>     |
| exterior                                                                                                     | % de intervencion sobre pintura exterior                            |           |           |          | 158.55    |              |           | 80%            | 126,84                             |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                | 385,98                             | ESQUEMA                                                                                                                                                                        |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT           |                                    |                                                                                                                                                                                |
| C.3.1                                                                                                        | Limpieza y desmanchado de piso cerámico                             |           |           |          |           |              | M2        | 130,62         |                                    |                                                                                                                                                                                |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und] | Total                              |                                                                                                                                                                                |
| Alcoba 1                                                                                                     | Limpieza y desmanchado piso 2                                       | 3.15      | 2.52      |          | 7.95      |              |           | 1              | 7.95                               | <br>    |
| Alcoba 2                                                                                                     | Limpieza y desmanchado piso 2                                       | 3.15      | 2.63      |          | 8.27      |              |           | 1              | 8.27                               |                                                                                                                                                                                |
| Alcoba 3                                                                                                     | Limpieza y desmanchado piso 2                                       | 3.45      | 2.64      |          | 9.12      |              |           | 1              | 9.12                               |                                                                                                                                                                                |
| Alcoba 4                                                                                                     | Limpieza y desmanchado piso 2                                       | 3.25      | 4.13      |          | 13.42     |              |           | 1              | 13.42                              |                                                                                                                                                                                |
| cocina y comedor                                                                                             | Limpieza y desmanchado piso 2                                       | 5.07      | 3.76      |          | 19.05     |              |           | 1              | 19.05                              |                                                                                                                                                                                |
| corredor 1                                                                                                   | Limpieza y desmanchado piso 2                                       | 4.63      | 1.70      |          | 7.87      |              |           | 1              | 7.87                               |                                                                                                                                                                                |
| Area comun                                                                                                   | Limpieza y desmanchado piso 2                                       | 6.27      | 3.40      |          | 21.32     |              |           | 1              | 21.32                              |                                                                                                                                                                                |
| Baño Segundo piso                                                                                            | Limpieza y desmanchado piso 2                                       | 2.00      | 1.58      |          | 3.15      |              |           | 2              | 6.3                                |                                                                                                                                                                                |
| Baño Segundo piso                                                                                            | Limpieza y desmanchado piso 2                                       | 2.68      | 1.93      |          | 5.17      |              |           | 1              | 5.17                               |                                                                                                                                                                                |
| Cuarto de Lavado                                                                                             | Limpieza y desmanchado piso 1                                       | 2.68      | 1.32      |          | 3.55      |              |           | 1              | 3.55                               |                                                                                                                                                                                |
| Cuarto de Bodega                                                                                             | Limpieza y desmanchado piso 1                                       | 2.70      | 1.45      |          | 3.92      |              |           | 1              | 3.92                               |                                                                                                                                                                                |
| Recepcion                                                                                                    | Limpieza y desmanchado piso 1                                       | 2.15      | 3.07      |          | 6.60      |              |           | 1              | 6.6                                |                                                                                                                                                                                |
| Baño Primer piso                                                                                             | Limpieza y desmanchado piso 1                                       | 1.70      | 0.99      |          | 1.69      |              |           | 1              | 1.69                               |                                                                                                                                                                                |
| Pasillo Primer piso                                                                                          | Pasillo piso 1                                                      | 5.53      | 1.55      |          | 8.59      |              |           | 1              | 8.59                               |                                                                                                                                                                                |
| Escaleras                                                                                                    | Limpieza y desmanchado escaleras                                    | 1.16      | 0.28      |          | 0.32      |              |           | 24             | 7.80                               |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                | 130,62                             |                                                                                                                                                                                |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT           |                                    |                                                                                                                                                                                |
| C.3.2                                                                                                        | Limpieza y desmanchado de guardaescoba                              |           |           |          |           |              | ML        | 128,42         |                                    |                                                                                                                                                                                |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und] | Total                              |                                                                                                                                                                                |
| Alcoba 1                                                                                                     | Limpieza y desmanchado piso 2                                       | 13.06     |           |          |           |              |           | 1              | 13.06                              | <br> |
| Alcoba 2                                                                                                     | Limpieza y desmanchado piso 2                                       | 12.15     |           |          |           |              |           | 1              | 12.15                              |                                                                                                                                                                                |
| Alcoba 3                                                                                                     | Limpieza y desmanchado piso 2                                       | 13.06     |           |          |           |              |           | 1              | 13.06                              |                                                                                                                                                                                |
| Alcoba 4                                                                                                     | Limpieza y desmanchado piso 2                                       | 17.02     |           |          |           |              |           | 1              | 17.02                              |                                                                                                                                                                                |
| cocina y comedor                                                                                             | Limpieza y desmanchado piso 2                                       | 19.26     |           |          |           |              |           | 1              | 19.26                              |                                                                                                                                                                                |
| corredor 1                                                                                                   | Limpieza y desmanchado piso 2                                       | 6.35      |           |          |           |              |           | 1              | 6.35                               |                                                                                                                                                                                |
| Area comun                                                                                                   | Limpieza y desmanchado piso 2                                       | 12.09     |           |          |           |              |           | 1              | 12.09                              |                                                                                                                                                                                |
| Cuarto de Bodega                                                                                             | Limpieza y desmanchado piso 1                                       | 8.99      |           |          |           |              |           | 1              | 8.99                               |                                                                                                                                                                                |
| Recepcion                                                                                                    | Limpieza y desmanchado piso 1                                       | 9.13      |           |          |           |              |           | 1              | 9.13                               |                                                                                                                                                                                |
| Pasillo Primer piso                                                                                          | Pasillo piso 1                                                      | 6.30      |           |          |           |              |           | 1              | 6.30                               |                                                                                                                                                                                |
| Escaleras                                                                                                    | Limpieza y desmanchado escaleras                                    | 11.01     |           |          |           |              |           | 1              | 11.01                              |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                | 128,42                             | ESQUEMA                                                                                                                                                                        |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT           |                                    |                                                                                                                                                                                |
| C.3.3                                                                                                        | Limpieza y desmanchado de piso en concreto o granito                |           |           |          |           |              | M2        | 289,4          |                                    |                                                                                                                                                                                |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und] | Total                              |                                                                                                                                                                                |
| Patio Maniobras                                                                                              | Patio de maniobras                                                  | 11.77     | 5.01      |          | 59.02     |              |           | 1              | 59.02                              |                                                                                           |
|                                                                                                              | Acceso principal                                                    | 5.11      | 6.11      |          | 31.22     |              |           | 1              | 31.22                              |                                                                                                                                                                                |
|                                                                                                              | Parqueadero                                                         | 8.34      | 11.94     |          | 99.58     |              |           | 2              | 199.16                             |                                                                                                                                                                                |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                |                                    |                                                                                                                                                                                |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                | 289,4013                           |                                                                                                                                                                                |







**BOMBEROS BUCARAMANGA**  
**ABRIL 2026**

**PISO 2**

Overall dimensions: 12.00m (width) x 12.00m (depth).

Room dimensions and layout:

- ALCOSA 1: 3.00m x 3.00m
- ALCOSA 2: 3.00m x 3.00m
- ALCOSA 3: 3.00m x 3.00m
- BAÑO: 2.00m x 2.00m
- BAÑO: 2.00m x 2.00m
- AREA COMEN: 3.00m x 3.00m
- COCINA: 3.00m x 3.00m
- ESCALERA: 3.00m x 3.00m
- Puerta (Entrance): 1.50m x 2.00m
- Corredor 1: 1.50m x 3.00m

Additional labels: ALBAÑILERIA, PUERTA, ESCALERA, AREA COMEN, COCINA, ALCOSA 1, ALCOSA 2, ALCOSA 3, BAÑO.

Architectural drawing of the front facade of the 'Casa do Sítio'. The drawing shows a two-story building with a central entrance and a large window. The facade is labeled 'FACHADA FRONTAL' at the bottom. The drawing includes a section line labeled 'CORTE' and a section line labeled 'CORTE'.

[illegible]

A cross-section diagram of a building showing the staircase location. The staircase is highlighted in pink and labeled 'ESCALERAS'. It is located on the right side of the building, adjacent to a wall. The diagram includes various dimensions and structural elements, such as walls, floors, and roof sections.

[illegible]

Technical drawing of a building facade showing window and door dimensions. The drawing includes a top section with four windows and a bottom section with a door and two windows. Dimensions are provided in millimeters (mm) and centimeters (cm).

**Top Section Dimensions:**

- Window 1 (left): 1000 mm height, 1000 mm width, 1000 mm depth.
- Window 2 (middle-left): 1000 mm height, 1000 mm width, 1000 mm depth.
- Window 3 (middle-right): 1000 mm height, 1000 mm width, 1000 mm depth.
- Window 4 (right): 1000 mm height, 1000 mm width, 1000 mm depth.

**Bottom Section Dimensions:**

- Door (left): 1000 mm height, 1000 mm width, 1000 mm depth.
- Window 5 (middle-left): 1000 mm height, 1000 mm width, 1000 mm depth.
- Window 6 (middle-right): 1000 mm height, 1000 mm width, 1000 mm depth.
- Door (right): 1000 mm height, 1000 mm width, 1000 mm depth.

## FACHADA FRONTAL

## ADECUACIÓN DE LA INFRAESTRUCTURA FÍSICA DE BOMBEROS DE BUCARAMANGA.

## MEMORIA DE CALCULO PRESUPUESTO OFICIAL

|                           |                                  |       |      |       |  |   |       |
|---------------------------|----------------------------------|-------|------|-------|--|---|-------|
|                           | Ventana area comun               | 1,44  | 0,33 | -0,48 |  | 1 | -0,48 |
|                           | Muro ventana alcoba 2            | 2,04  | 1,88 | 3,84  |  | 1 | 3,84  |
|                           | Ventana alcoba 2                 | 1,74  | 1,33 | -2,31 |  | 1 | -2,31 |
|                           | Muro ventana cocina              | 3,28  | 1,89 | 6,20  |  | 1 | 6,20  |
|                           | Ventana cocina                   | 2,98  | 1,33 | -3,96 |  | 1 | -3,96 |
|                           | Muro ventana cuarto de lavado    | 2,8   | 1,06 | 2,97  |  | 1 | 2,97  |
|                           | Ventana cuarto de lavado         | 2,49  | 0,32 | -0,80 |  | 1 | -0,80 |
|                           | franja horizontal placa          | 13,39 | 0,5  | 6,70  |  | 1 | 6,70  |
| Fachada Lateral derecho   | Muro ventana cocina segundo piso | 1,89  | 1,88 | 3,55  |  | 1 | 3,55  |
|                           | Ventana cocina                   | 1,59  | 1,33 | -2,11 |  | 1 | -2,11 |
|                           | franja horizontal                | 6,83  | 0,4  | 2,73  |  | 2 | 5,46  |
|                           | franja horizontal                | 1,09  | 0,5  | 0,55  |  | 2 | 1,09  |
|                           | Bajantes                         |       | 0,36 | 5,72  |  | 6 | 12,36 |
| Fachada Lateral izquierda | franja horizontal                | 8,93  | 0,5  | 4,47  |  | 1 | 4,47  |
|                           | Bajantes                         |       | 0,36 | 5,54  |  | 6 | 11,97 |
|                           | franja horizontal superior       | 0,94  | 0,3  | 0,28  |  | 4 | 1,13  |
|                           | franja horizontal triangular     | 6,72  | 0,36 | 2,42  |  | 1 | 2,42  |
| Columnas Piso 1           | Columnas Gimnasio                | 1,44  | 3    | 4,32  |  | 4 | 17,28 |
|                           |                                  |       |      |       |  |   |       |
|                           |                                  |       |      |       |  |   |       |
|                           |                                  |       |      |       |  |   |       |
|                           |                                  |       |      |       |  |   |       |

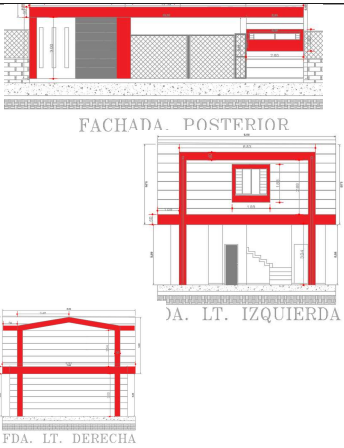
|       |                                        |     | TOTAL  | 87,99 |
|-------|----------------------------------------|-----|--------|-------|
| ITEM  | DESCRIPCION                            | UND | CANT   |       |
| C.7.3 | Pintura para Muros exteriores (Blanca) | M2  | 158,55 |       |

[illegible]

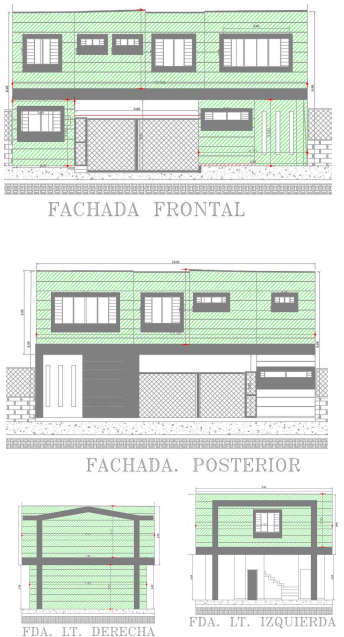
| ITEM  | DESCRIPCION                                                  | UND | CANT  |
|-------|--------------------------------------------------------------|-----|-------|
| C.7.4 | Pintura en aceite para cerramiento metalico (gris brillante) | ML  | 107,7 |

[illegible]

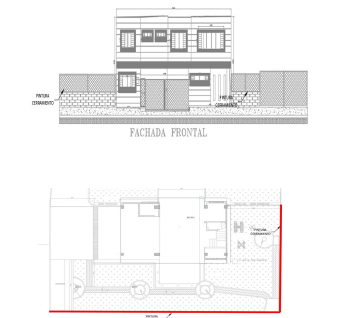
**BOMBEROS BUCARAMANGA**  
**ABRIL 2026**



## ESQUEMA



## ESQUEMA



| ITEM  | DESCRIPCIÓN                            | UND | CANT  |
|-------|----------------------------------------|-----|-------|
| C 7.5 | Pintura en aceite para portón metálico | MI  | 22.34 |

[illegible]

| ITEM  | DESCRIPCION                                                                                | UND | TOTAL |
|-------|--------------------------------------------------------------------------------------------|-----|-------|
| C.7.6 | Pintura en aceite elementos metálicos estructurales, canaletas y bajantes (Gris brillante) | ML  | 22,34 |
|       |                                                                                            |     | 178,8 |

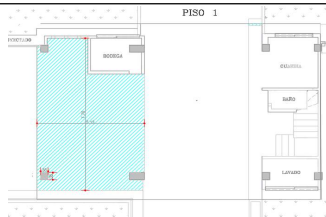
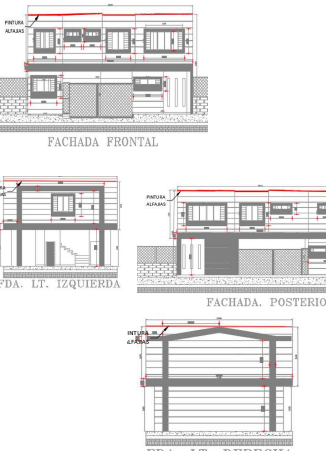
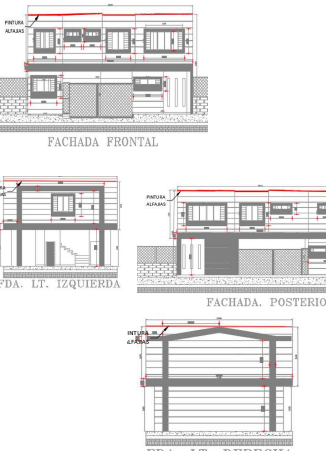
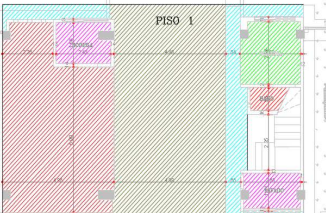
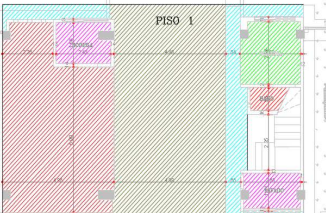
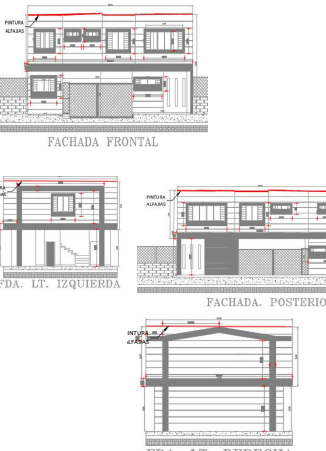
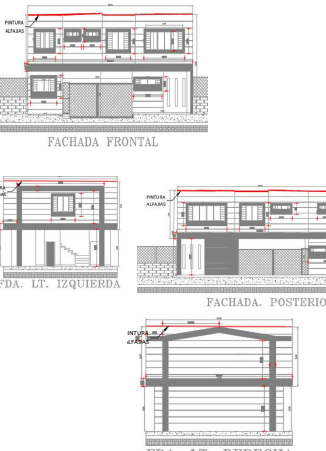
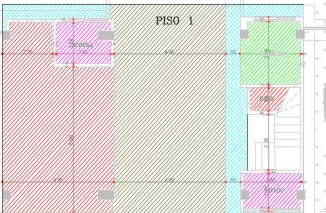
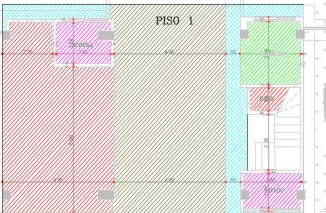
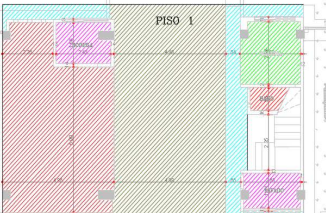
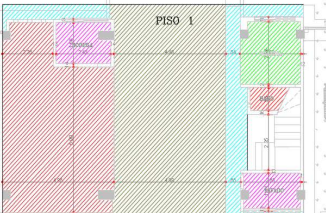
[illegible]

| ITEM  | DESCRIPCION                                                                    | UND | CANT  |
|-------|--------------------------------------------------------------------------------|-----|-------|
| C.7.7 | Pintura de Piso trafico pesado Zona de Maniobra (Gris) incluye nivelación piso | M2  | 38,98 |

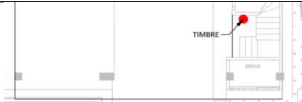
## ESQUEMA



## ESQUEMA

| <br>Alcaldía de Bucaramanga | ADECUACIÓN DE LA INFRAESTRUCTURA FÍSICA DE BOMBEROS DE BUCARAMANGA. |           |           |          |           |              |           |                                   | BOMBEROS BUCARAMANGA<br>ABRIL 2026                                                                                |                                                                                       |                                                                                      |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------|-----------|----------|-----------|--------------|-----------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                              | MEMORIA DE CALCULO PRESUPUESTO OFICIAL                              |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und]                    | Total                                                                                                             |    |                                                                                      |
| Area de Maniobras                                                                                            | Pintura de Piso Maniobras "Gimnasio"                                | 7,7       | 5,13      |          | 39,50     |              |           | 1                                 | 39,50                                                                                                             |                                                                                       |                                                                                      |
|                                                                                                              | Descuento Columna                                                   | 0,36      | 0,36      |          | -0,13     |              |           | 4                                 | -0,52                                                                                                             |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                                   | 38,98                                                                                                             |                                                                                       |                                                                                      |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT                              |                                                                                                                   | ESQUEMA                                                                               |                                                                                      |
| C.7.8                                                                                                        | Pintura para Exterior para otros elementos (Gris mate)              |           |           |          |           |              | ML        | 26,00                             |                                                                                                                   |                                                                                       |                                                                                      |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und]                    | Total <td rowspan="15"></td>  |   |                                                                                      |
| Fachada Frontal y Posterior                                                                                  | Alfajia Fachada Frontal y Posterior "cara Frontal"                  | 20        | 0,05      |          | 1,00      |              |           | 4                                 | 4,00                                                                                                              |                                                                                       |                                                                                      |
|                                                                                                              | Alfajia Fachada Frontal y Posterior "cara Inferior"                 | 20        | 0,15      |          | 3,00      |              |           | 4                                 | 12,00                                                                                                             |                                                                                       |                                                                                      |
|                                                                                                              | Alfajia Fachada Frontal y Posterior "cara superior"                 | 20        | 0,2       |          | 4,00      |              |           | 1                                 | 4,00                                                                                                              |                                                                                       |                                                                                      |
| Fachada Lateral Derecha e Izquierda                                                                          | Alfajia Fachada Lateral Derecha e Izquierda "cara Frontal"          | 10        | 0,05      |          | 0,50      |              |           | 2                                 | 1,00                                                                                                              |                                                                                       |                                                                                      |
|                                                                                                              | Alfajia Fachada Lateral Derecha e Izquierda "cara Inferior"         | 10        | 0,15      |          | 1,50      |              |           | 2                                 | 3,00                                                                                                              |                                                                                       |                                                                                      |
|                                                                                                              | Alfajia Fachada Frontal y Posterior "cara superior"                 | 10        | 0,2       |          | 2,00      |              |           | 1                                 | 2,00                                                                                                              |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                                   | 26,00                                                                                                             |                                                                                       |                                                                                      |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT <td rowspan="2">ESQUEMA</td> |                                                                                                                   | ESQUEMA                                                                               |                                                                                      |
| C.7.9                                                                                                        | Pintura vinilo tipo 1 para techo a dos manos                        |           |           |          |           |              | M2        | 206,26                            |                                                                                                                   |                                                                                       |                                                                                      |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und]                    | Total <td rowspan="35"></td> |  |                                                                                      |
| Alcoba 1                                                                                                     | Pintura Vinilo Tipo 1                                               | 3,15      | 2,49      |          | 7,84      |              |           | 1                                 | 7,84                                                                                                              |                                                                                       |                                                                                      |
| Alcoba 2                                                                                                     | Pintura Vinilo Tipo 1 "area tomada de plano"                        | 3,15      | 2,59      |          | 8,15      |              |           | 1                                 | 8,15                                                                                                              |                                                                                       |                                                                                      |
| Alcoba 3                                                                                                     | Pintura Vinilo Tipo 1 "area tomada de plano"                        | 3,45      | 2,61      |          | 9,00      |              |           | 1                                 | 9,00                                                                                                              |                                                                                       |                                                                                      |
| Alcoba 4                                                                                                     | Pintura Vinilo Tipo 1 "area tomada de plano"                        | 3,25      | 4,10      |          | 13,33     |              |           | 1                                 | 13,33                                                                                                             |                                                                                       |                                                                                      |
| Alcoba 1 - 4                                                                                                 | Áreas Luminarias Alcobas                                            | 1,20      | 0,30      |          | -0,36     |              |           | 4                                 | -1,44                                                                                                             |                                                                                       |                                                                                      |
| Alcoba 1 - 4                                                                                                 | Áreas Aires Acondicionados Alcobas                                  | 1,25      | 0,63      |          | -0,79     |              |           | 4                                 | -3,15                                                                                                             |                                                                                       |                                                                                      |
| Recepcion                                                                                                    | Pintura Vinilo Tipo 1                                               | 2,15      | 3,07      |          | 6,60      |              |           | 1                                 | 6,60                                                                                                              |                                                                                       |                                                                                      |
| Recepcion                                                                                                    | Luminaria                                                           | 0,60      | -0,60     |          | -0,36     |              |           | 1                                 | -0,36                                                                                                             |                                                                                       |                                                                                      |
| Baño Primer piso                                                                                             | Pintura Vinilo Tipo 1                                               | 1,70      | 0,85      |          | 1,45      |              |           | 1                                 | 1,45                                                                                                              |                                                                                       |                                                                                      |
| Cuarto de Lavado                                                                                             | Pintura Vinilo Tipo 1                                               | 2,70      | 1,28      |          | 3,45      |              |           | 1                                 | 3,45                                                                                                              |                                                                                       |                                                                                      |
| Cuarto de Bodega                                                                                             | Pintura Vinilo Tipo 1                                               | 2,70      | 1,42      |          | 3,83      |              |           | 1                                 | 3,83                                                                                                              |                                                                                       |                                                                                      |
| Zona de Gimnasio                                                                                             | Pintura Vinilo Tipo 1                                               | 7,07      | 4,95      |          | 35,00     |              |           | 1                                 | 35,00                                                                                                             |                                                                                       |                                                                                      |
| Zona de Gimnasio                                                                                             | Luminaria                                                           | 0,60      | -0,60     |          | -0,36     |              |           | 4                                 | -1,44                                                                                                             |                                                                                       |                                                                                      |
| Zona de Parqueadero                                                                                          | Pintura Vinilo Tipo 1                                               | 8,91      | 5,01      |          | 44,60     |              |           | 1                                 | 44,6                                                                                                              |                                                                                       |                                                                                      |
| Zona de Parqueadero                                                                                          | Luminaria                                                           | 0,60      | -0,60     |          | -0,36     |              |           | 4                                 | -1,44                                                                                                             |                                                                                       |                                                                                      |
| Pasillo Primer piso                                                                                          | Pasillo y areas frontal y posterior                                 | 8,00      | 1,55      |          | 12,42     |              |           | 1                                 | 12,42                                                                                                             |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
| Segundo piso                                                                                                 | Cocina                                                              | 5,07      | 3,92      |          | 19,87     |              |           | 1,00                              | 19,87                                                                                                             |                                                                                       |                                                                                      |
| Segundo piso                                                                                                 | Corredor                                                            | 4,63      | 1,7       |          | 7,87      |              |           | 1,00                              | 7,87                                                                                                              |                                                                                       |                                                                                      |
| Segundo piso                                                                                                 | Area comun                                                          | 6,27      | 3,4       |          | 21,32     |              |           | 1,00                              | 21,32                                                                                                             |                                                                                       |                                                                                      |
| Segundo piso                                                                                                 | Escaleras                                                           | 2,29      | 3,35      |          | 7,67      |              |           | 1,00                              | 7,67                                                                                                              |                                                                                       |                                                                                      |
| Segundo piso                                                                                                 | Baño 1 y Baño 2                                                     | 1,52      | 2,15      |          | 3,27      |              |           | 2,00                              | 6,54                                                                                                              |                                                                                       |                                                                                      |
| Segundo piso                                                                                                 | Baño 3                                                              | 2,67      | 1,93      |          | 5,15      |              |           | 1,00                              | 5,15                                                                                                              |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                                   | 206,26                                                                                                            |                                                                                       |                                                                                      |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT <td rowspan="2">ESQUEMA</td> |                                                                                                                   |                                                                                       | ESQUEMA                                                                              |
| C.7.10                                                                                                       | Pintura en aceite para pasamanos escaleras (Gris Brillante)         |           |           |          |           |              | ML        | 34,76                             |                                                                                                                   |                                                                                       |                                                                                      |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und]                    | Total <td rowspan="15"></td>  |                                                                                       |  |
| Escaleras                                                                                                    | Barandas Principales Horizontales 2 1/2"                            | 6,69      |           |          |           |              |           | 1                                 | 6,69                                                                                                              |                                                                                       |                                                                                      |
|                                                                                                              | Barandas secundarias horizontales 1"                                | 6,69      |           |          |           |              |           | 3                                 | 20,07                                                                                                             |                                                                                       |                                                                                      |
|                                                                                                              | Baranda Vertical                                                    | 1         |           |          |           |              |           | 8                                 | 8                                                                                                                 |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                                   | 34,76                                                                                                             |                                                                                       |                                                                                      |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT <td rowspan="2">ESQUEMA</td> |                                                                                                                   | ESQUEMA                                                                               |                                                                                      |
| C.8.1                                                                                                        | Revisión red eléctrica                                              |           |           |          |           |              | UND       | 1                                 |                                                                                                                   |                                                                                       |                                                                                      |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und]                    | Total <td rowspan="15"></td> |  |                                                                                      |
|                                                                                                              | Subestacion principal                                               |           |           |          |           |              |           | 1                                 | 1                                                                                                                 |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
|                                                                                                              |                                                                     |           |           |          |           |              |           |                                   |                                                                                                                   |                                                                                       |                                                                                      |
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| TOTAL                                                                                                        |                                                                     |           |           |          |           |              |           |                                   | 1                                                                                                                 |                                                                                       |                                                                                      |
| ITEM                                                                                                         | DESCRIPCIÓN                                                         |           |           |          |           |              | UND       | CANT <td rowspan="2">ESQUEMA</td> |                                                                                                                   | ESQUEMA                                                                               |                                                                                      |
| C.8.2                                                                                                        | Suministro e instalación Lámparas Circulares de 30 cm               |           |           |          |           |              | UND       | 5,0                               |                                                                                                                   |                                                                                       |                                                                                      |
| Sector                                                                                                       | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und]                    | Total <td rowspan="15"></td> |  |                                                                                      |
| Baño Primer piso                                                                                             | Lampara circular                                                    |           |           |          |           |              |           | 1                                 | 1,0                                                                                                               |                                                                                       |                                                                                      |
| Cuarto de Lavado                                                                                             | Lampara circular                                                    |           |           |          |           |              |           | 1                                 | 1,0                                                                                                               |                                                                                       |                                                                                      |
| Cuarto de Bodega                                                                                             | Lampara circular                                                    |           |           |          |           |              |           | 1                                 | 1,0                                                                                                               |                                                                                       |                                                                                      |
| Baños Segundo piso                                                                                           | Lampara circular                                                    |           |           |          |           |              |           | 2                                 | 2,0                                                                                                               |                                                                                       |                                                                                      |
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|  | ADECUACIÓN DE LA INFRAESTRUCTURA FÍSICA DE BOMBEROS DE BUCARAMANGA. |           |           |          |           |              |           |                |       | BOMBEROS BUCARAMANGA<br>ABRIL 2026 |                                                                                     |
|                                                                                   | MEMORIA DE CALCULO PRESUPUESTO OFICIAL                              |           |           |          |           |              |           |                |       |                                    |                                                                                     |
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|                                                                                   |                                                                     |           |           |          |           |              |           |                | TOTAL | 1                                  |                                                                                     |
| ITEM                                                                              | DESCRIPCIÓN                                                         |           |           |          |           |              |           |                | UND   | CANT                               | ESQUEMA                                                                             |
| C.8.10                                                                            | Suministro e instalacion de lamparas exteriores                     |           |           |          |           |              |           |                | UND   | 4                                  |                                                                                     |
| Sector                                                                            | Descripción                                                         | Largo [m] | Ancho [m] | Alto [m] | Área [m2] | Volumen [m3] | Peso [kg] | Cantidad [und] | Total |                                    |                                                                                     |
| Fachada                                                                           | Lampara sobre Fachada                                               |           |           |          |           |              |           | 4              | 4     |                                    |                                                                                     |
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