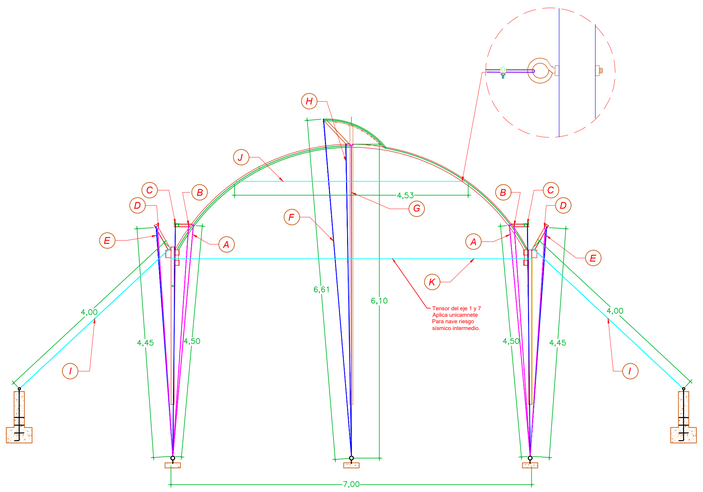
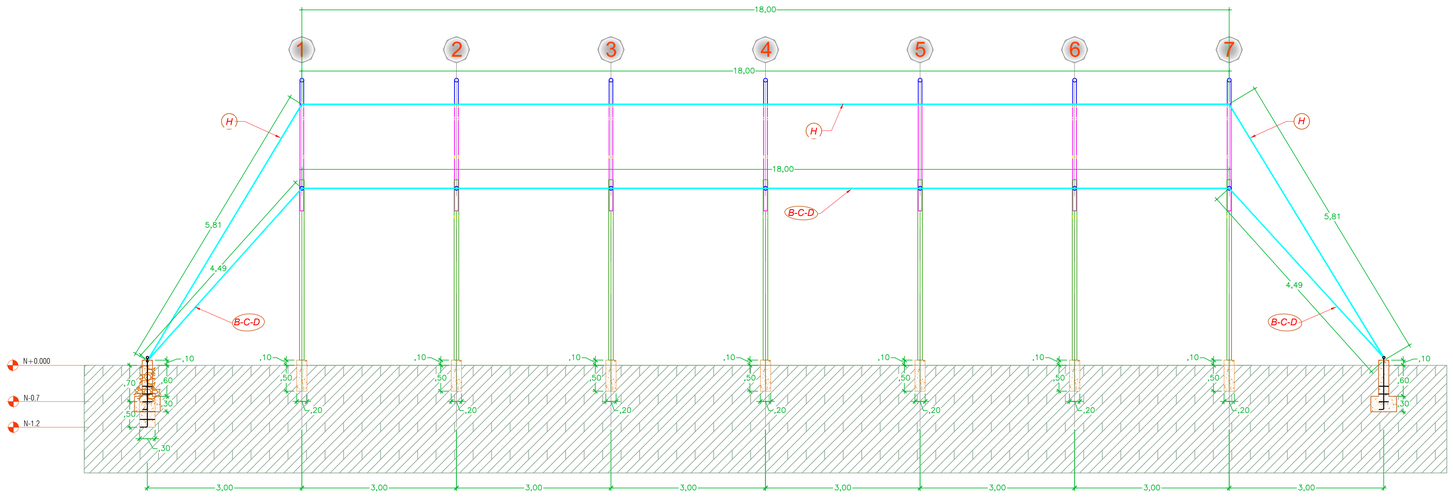
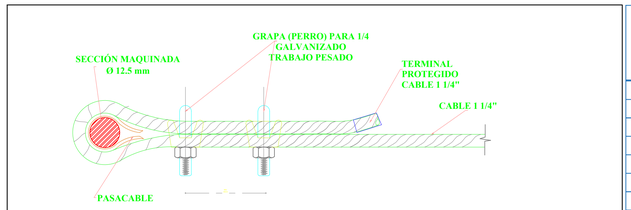



**INDICADOR DE TENSORES ESTRUCTURALES - PERFIL EJES 1 Y 7** **Esc:1:50**



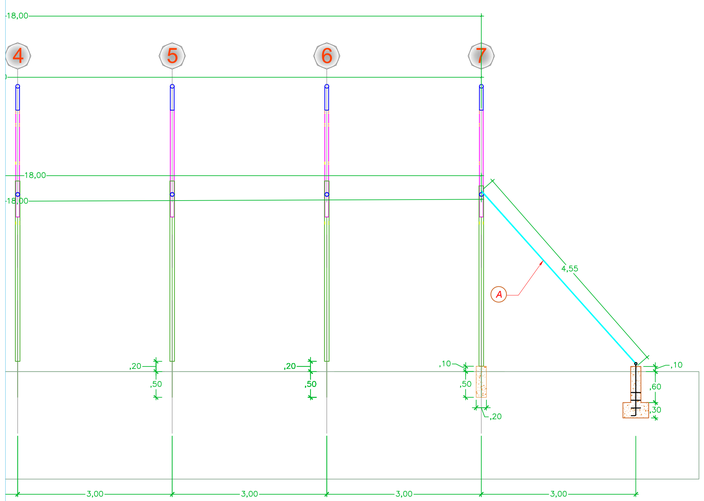

**PERFIL CABLES CENTRALES** **Esc:1:50**

| PERNO DE OJO TENSORES | |
|---|---|
| EJE | # de pernos |
| 1 | 2 |
| 2 | 2 |
| 3 | 2 |
| 4 | 2 |
| 5 | 2 |
| 6 | 2 |
| 7 | 2 |
| *TOTAL* | *14* |

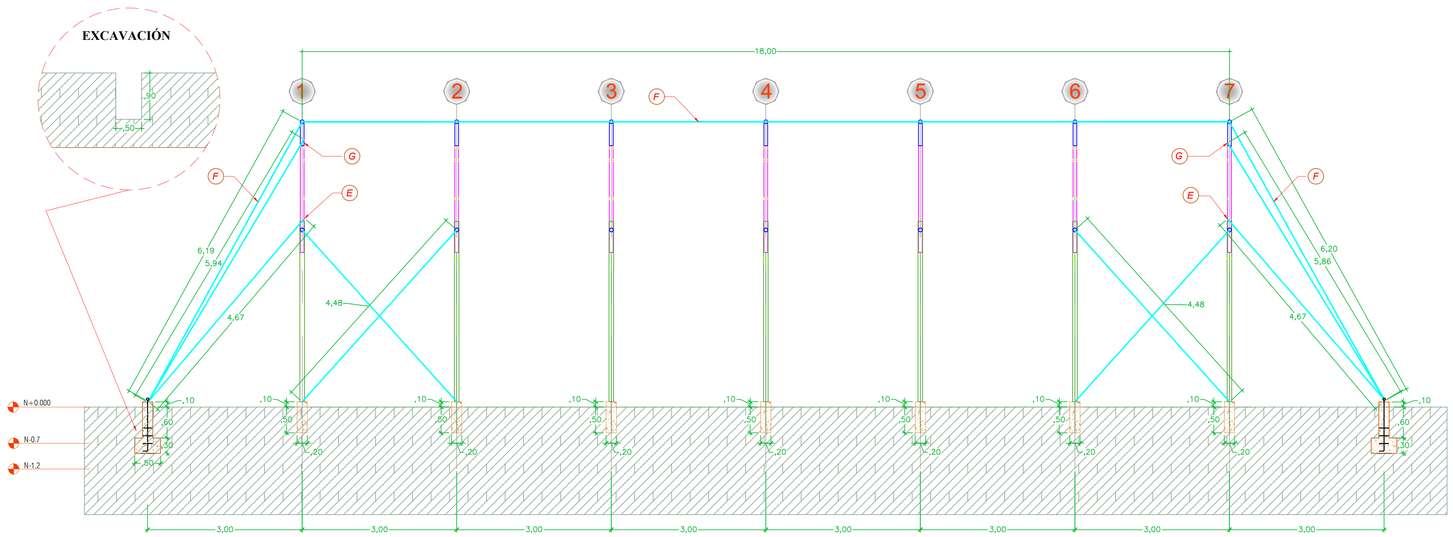



**DETALLE GENERAL**
**FORMA CORRECTA DE INSTALACION GRAPA-PERRO**

| Tramo de Guaya | FUNCIÓN | Nombre | Distancia diagonal | # de Diagonales | Ubicación ejes Anclaje | Retorno para perro | # Retorno para perro | # de perros X Cada anclaje | | Distancia Tensor Horizontal | Distancia total | # de Guayas (literales) | Total perros |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 2 | unidades | | | | 148 |
| **A** | Estructural | Tensor Arco | 4.5 | 1 | B1-B2-D1-D2 | 0.3 | 2 | 4 | | 0 | 5.1 | 4 | 16 |
| **B** | **Estructural** | Tensor canal (Lado interno) | 4.4 | 2 | B1-B2-D1-D2 | 0.3 | 2 | 4 | | 18 | 27.4 | 2 | 16 |
| **C** | Costructiva | Tensor inferior plactico techo. | 4.4 | 2 | B1-B2-D1-D2 | 0.3 | 2 | 0 | | 18 | 27.4 | 2 | 0 |
| **D** | Estructural | Tensor lineal brazo Canal | 4.5 | 2 | B1-B2-D1-D2 | 0.3 | 2 | 4 | | 0 | 5.1 | 4 | 16 |
| **E** | Costructiva | Tensor canal (lado externo) | 4.4 | 2 | B1-B2-D1-D2 | 0.3 | 2 | 0 | | 18 | 27.4 | 2 | 0 |
| **F** | Costructiva | Tensor superior plastico techo (Derecho) | 6.2 | 2 | b1-b7 | 0.3 | 2 | 0 | | 18 | 31 | 1 | 0 |
| **G** | Estructural | Tensor paral central | 5.86 | 1 | b1-b7 | 0.3 | 2 | 4 | | 0 | 6.46 | 2 | 8 |
| **H** | Costructiva | Tensor superior plastico techo (izquierdo) | 5.86 | 2 | b1-b7 | 0.3 | 2 | 0 | | 18 | 30.32 | 1 | 0 |
| **I** | Estructural | Tensores laterales | 4 | 1 | B1 al B7 y C1 al C7 | 0.3 | 2 | 4 | | 0 | 4.6 | 14 | 56 |
| **J** | Estructural | Tensor horizontal Arco | 0 | 0 | 1,2,3,4,5,6,7 | 0.3 | 2 | 4 | | 4.44 | 5.04 | 7 | 28 |
| **k** | Estructural | Tensor horizontal parales (**Riesgo intermedi**o) | 0 | 0 | B1-C7 y B1-C7 | 0.3 | 2 | 4 | | 7 | 7.6 | 2 | 8 |




**PERFIL TENSOR ARCO B1-B7-C1-Y C7** **Esc:1:50**




**PERFIL TENSORES EJES B Y C** **Esc:1:50**

CORPORACIÓN AUTÓNOMA REGIONAL DE CUNDINAMARCA

CONTRATISTA

CONSORCIO AULAS AMBIENTALES CAR

**PROYECTO:**

AULAS AMBIENTALES

**DISEÑO ESTRUCTURAL**


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Ingeniero Civil
Especilista en Análisis y Diseño de Estructuras
Mat. Prof. 22202212829 COR


**CONTIENE:**

**DETALLES 1**
**TIPO I**

**Escala:** 1:50

**PLANO:**

01 DE 04