



UNIVERSIDAD:  
AUTONOMA JUAN MISAEL SARACHO

PROYECTO:  
DISEÑO FINAL DE INGENIERIA PAVIMENTO  
RIGIDO BARRIO BANDA MEALLA ENTRE RIOS

DISEÑO :  
FISHER RIOS FERNANDEZ

FIRMA:

CARACTER:  
PLANO SECCIONES  
TRANSVERSALES CALLE 7

ESCALA:  
1 : 1000

FECHA:  
TJA./JULIO/2022

LAMINA N°:  
28/41



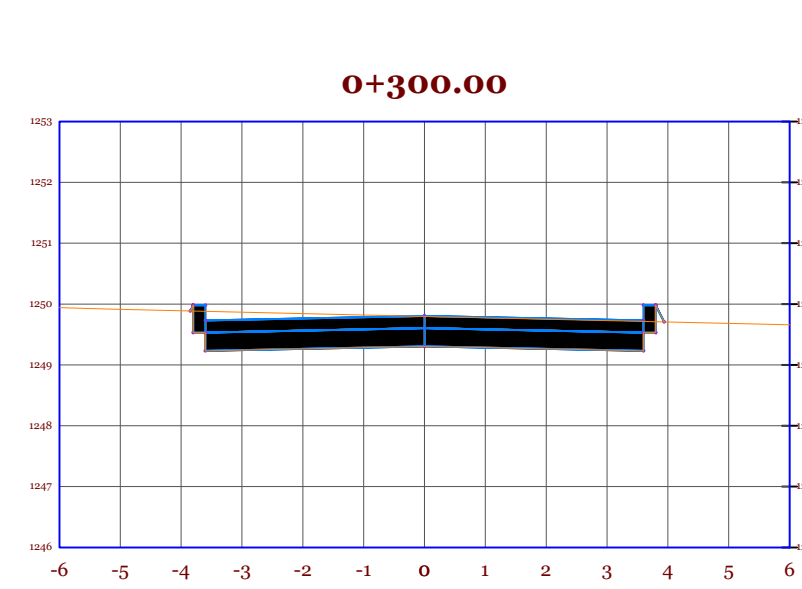
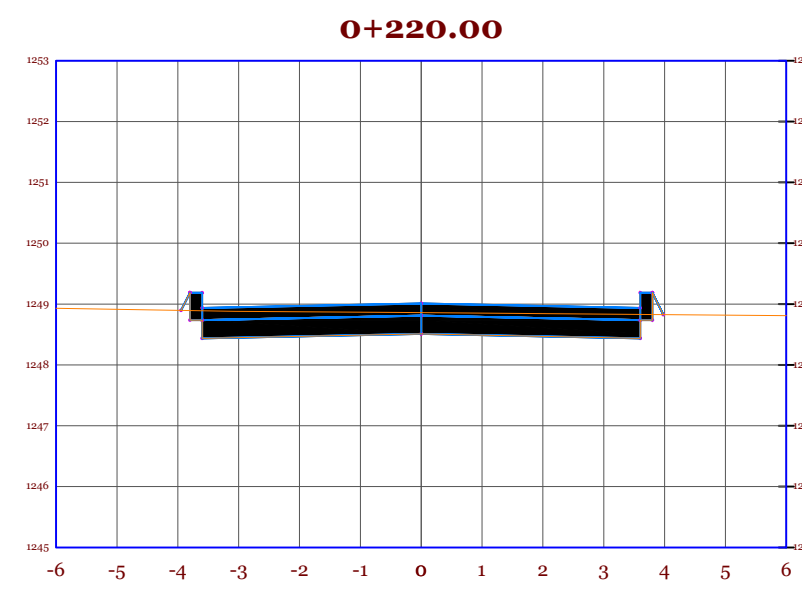
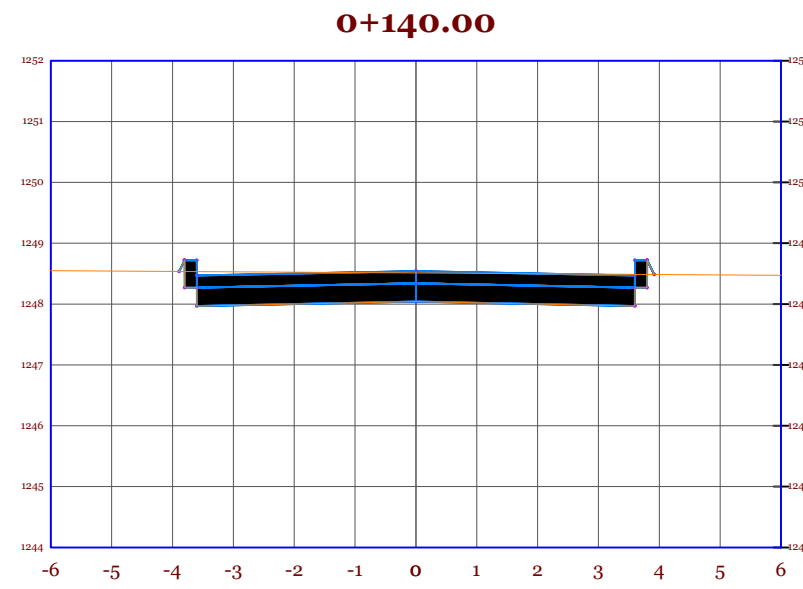
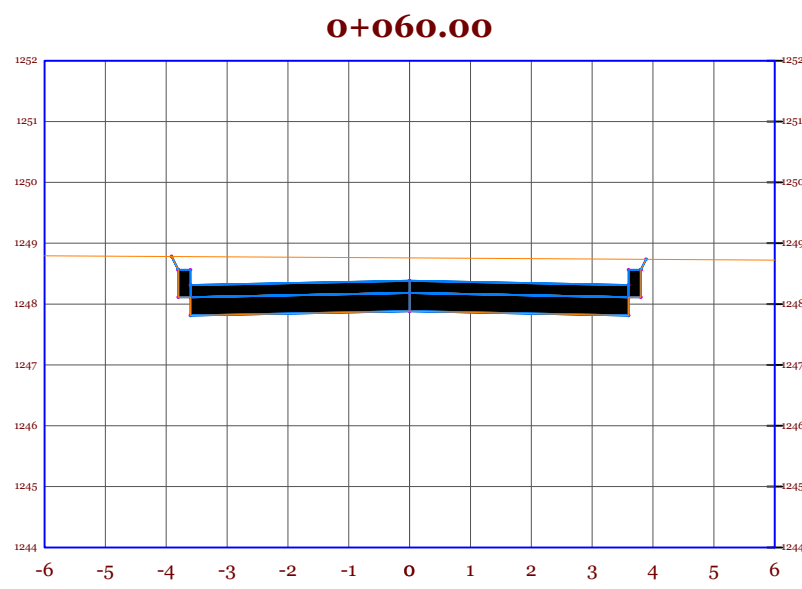
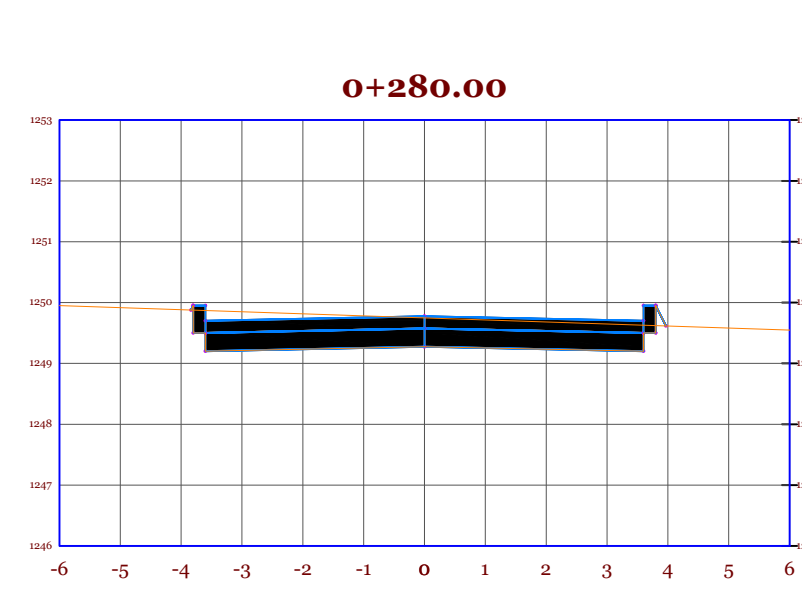
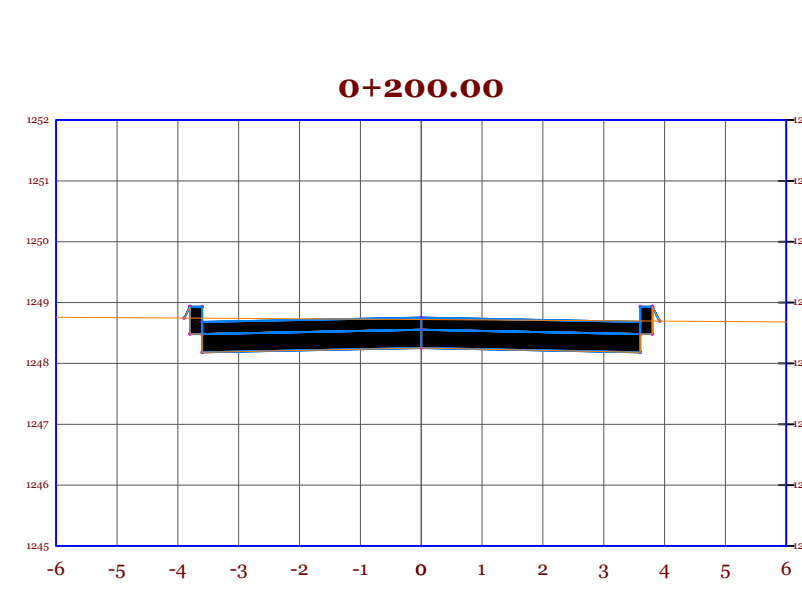
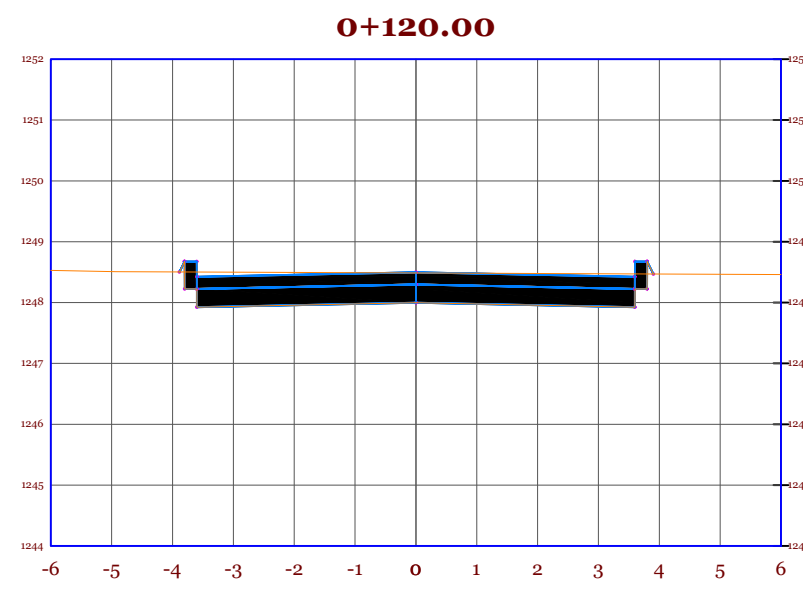
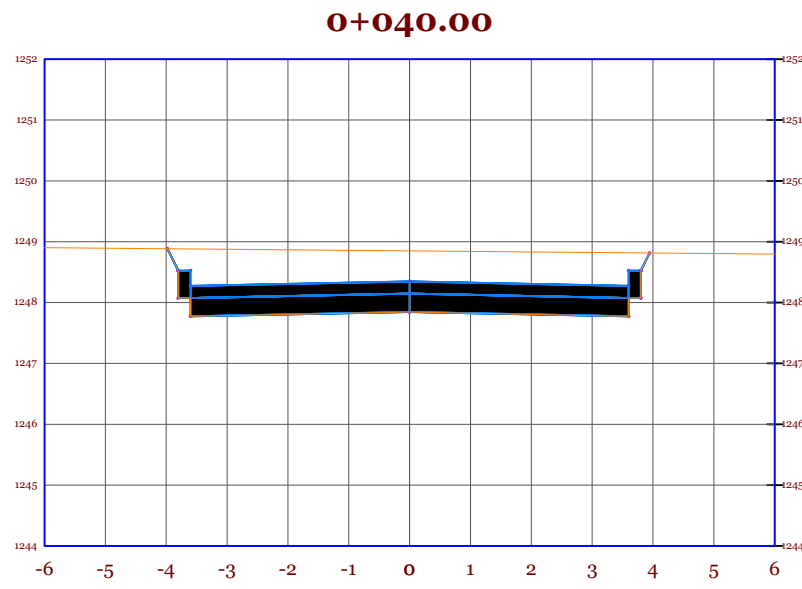
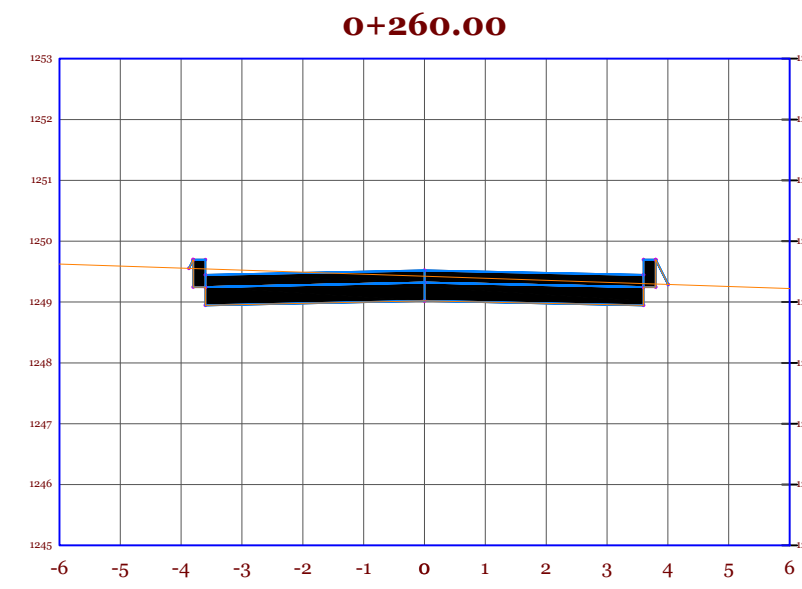
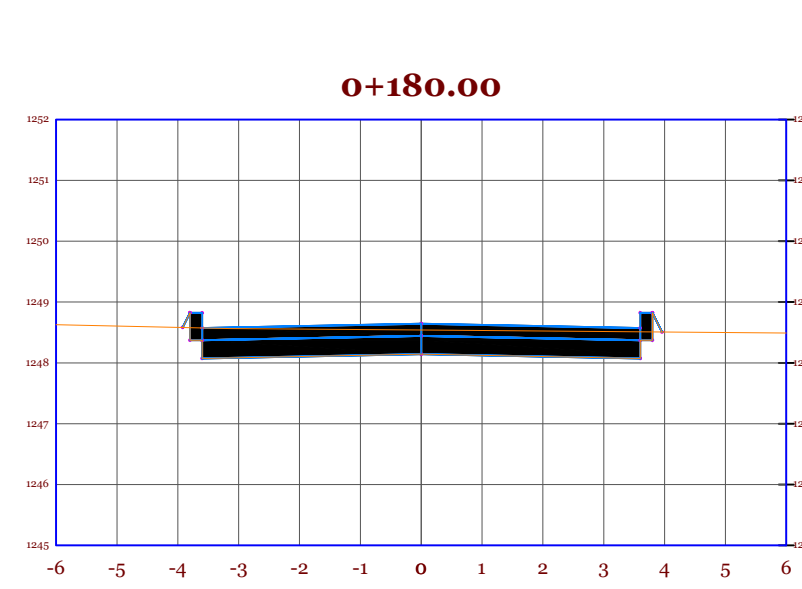
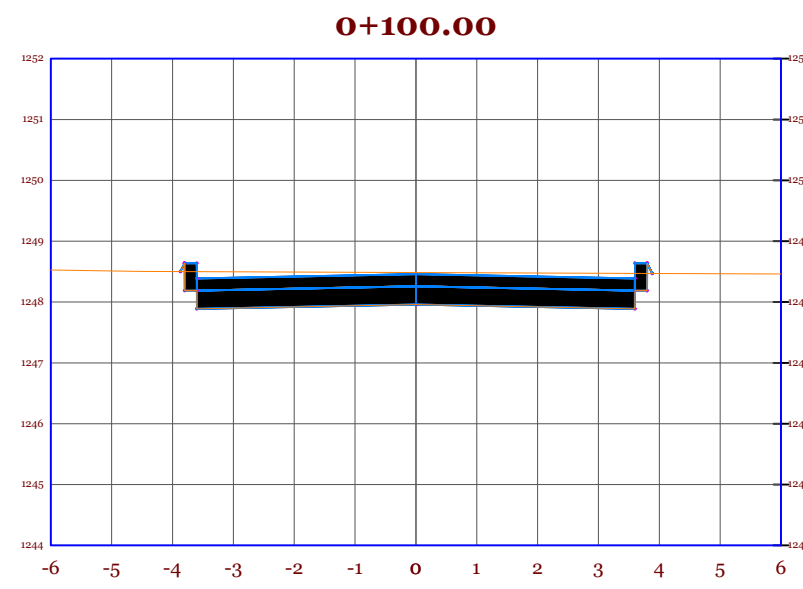
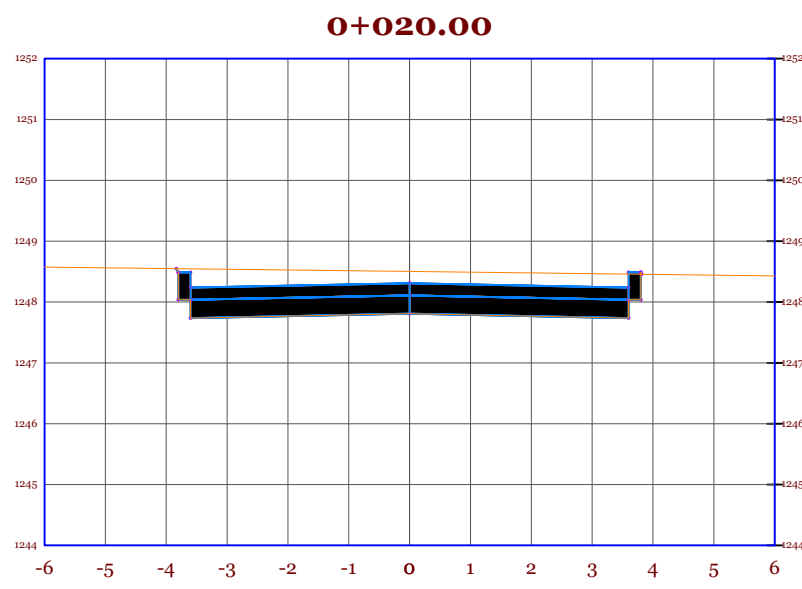
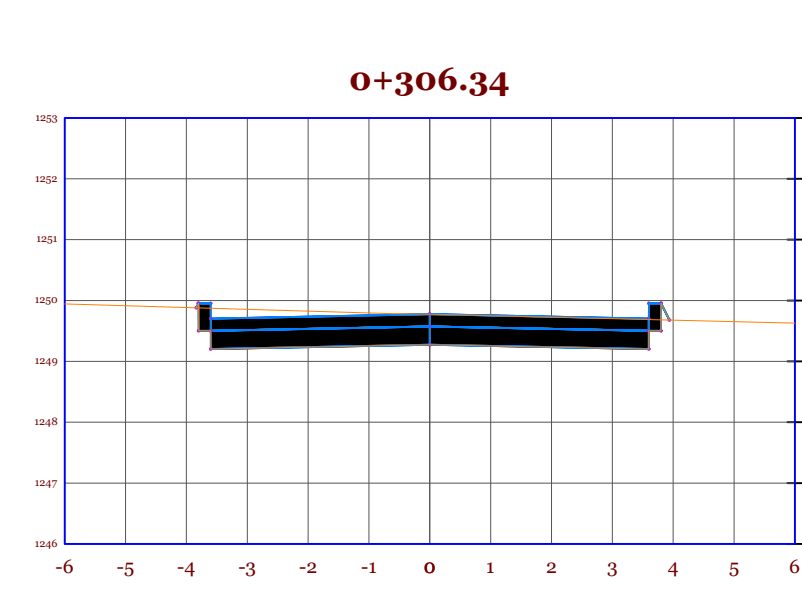
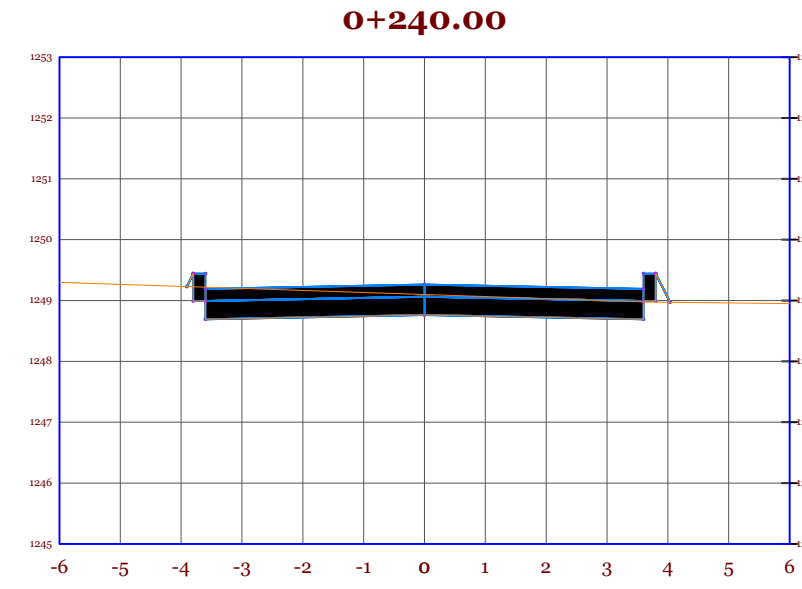
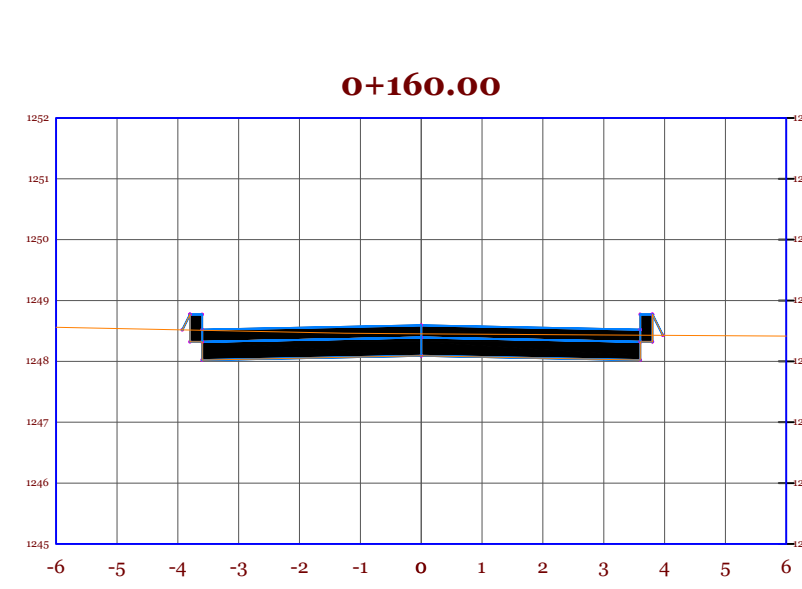
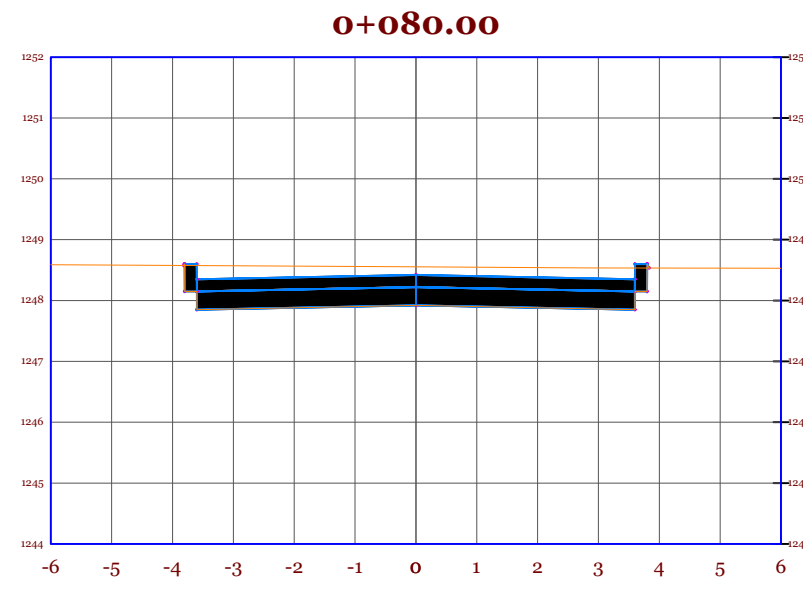
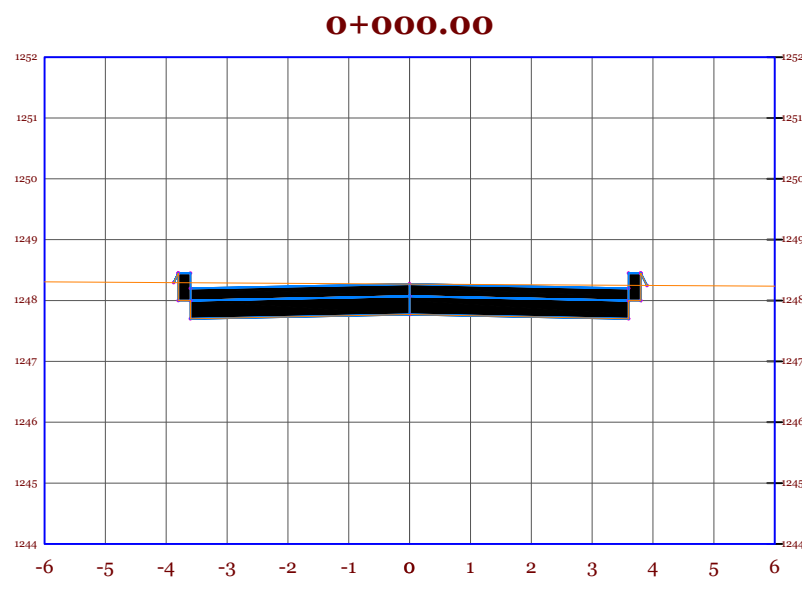






P L A N O SECCIONES TRANSVERSALES  
ESCALA 1:1000

0 500 1000



UNIVERSIDAD:  
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DISEÑO :  
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FIRMA:

CARACTER:  
PLANO SECCIONES  
TRANSVERSALES CALLE 9

ESCALA:  
1 : 1000

FECHA:  
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30/41







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FISHER RIOS FERNANDEZ

FIRMA:

CARACTER:  
PLANO SECCIONES  
TRANSVERSALES CALLE 11

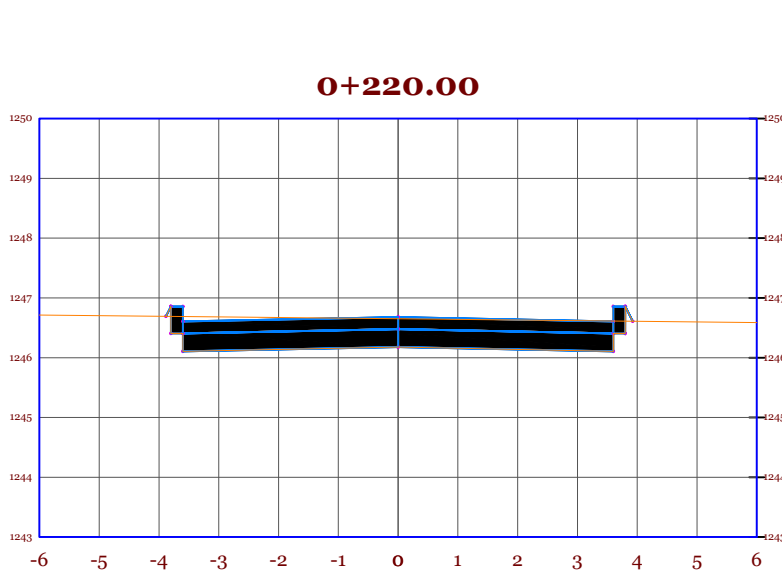
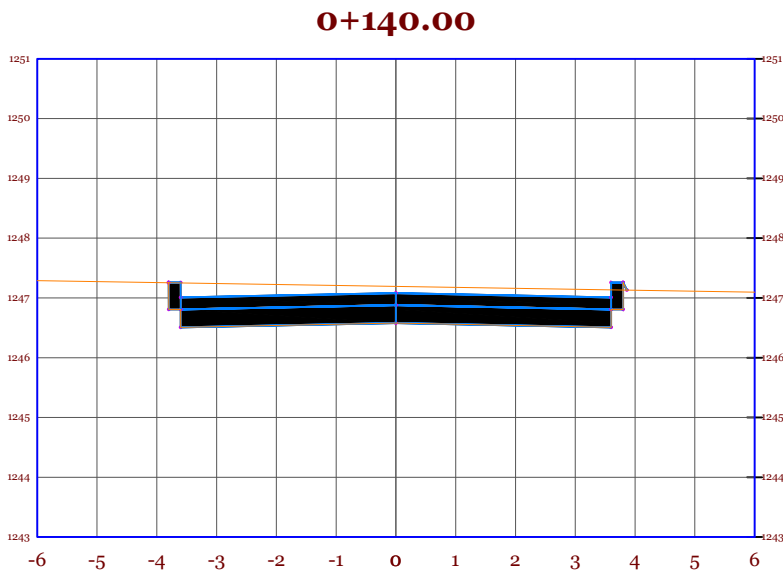
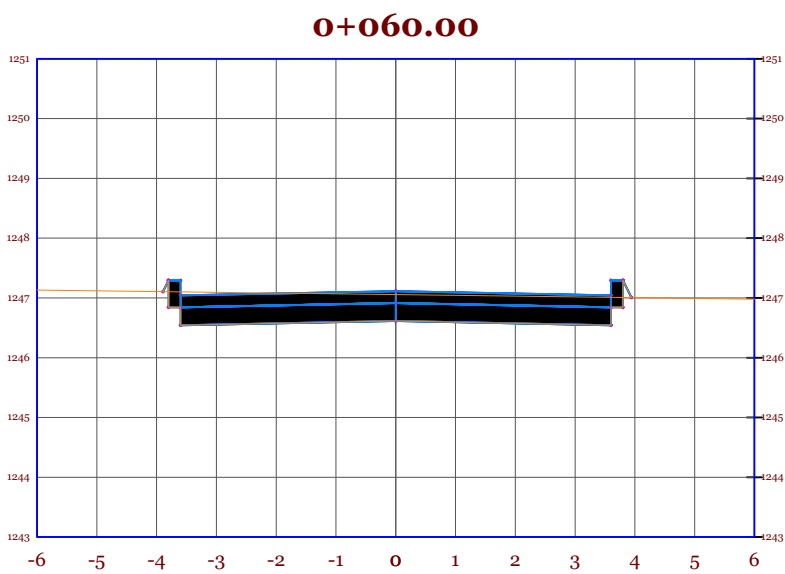
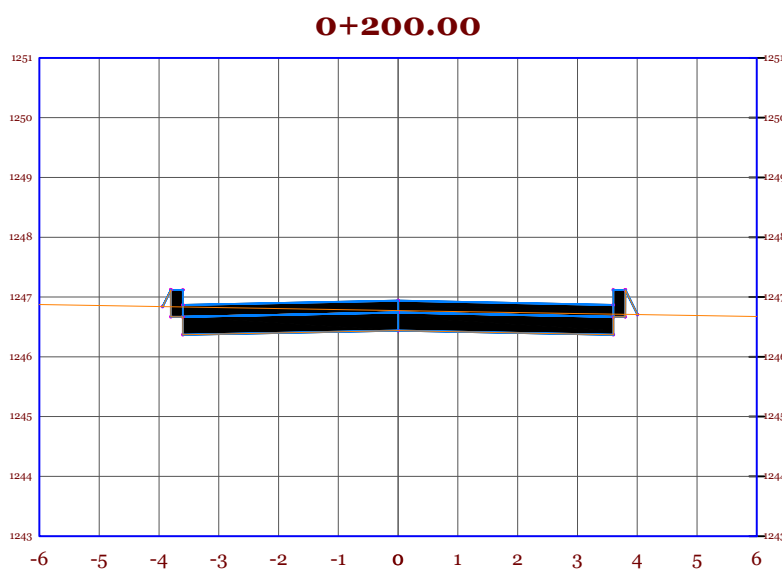
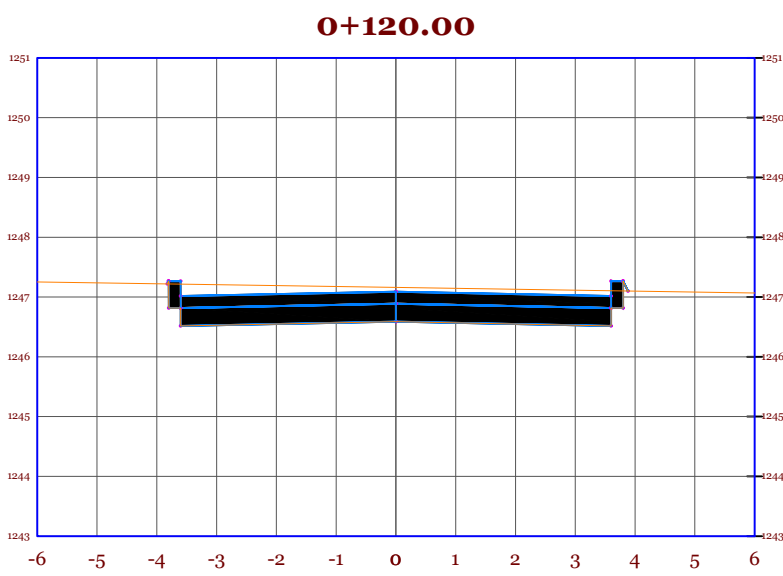
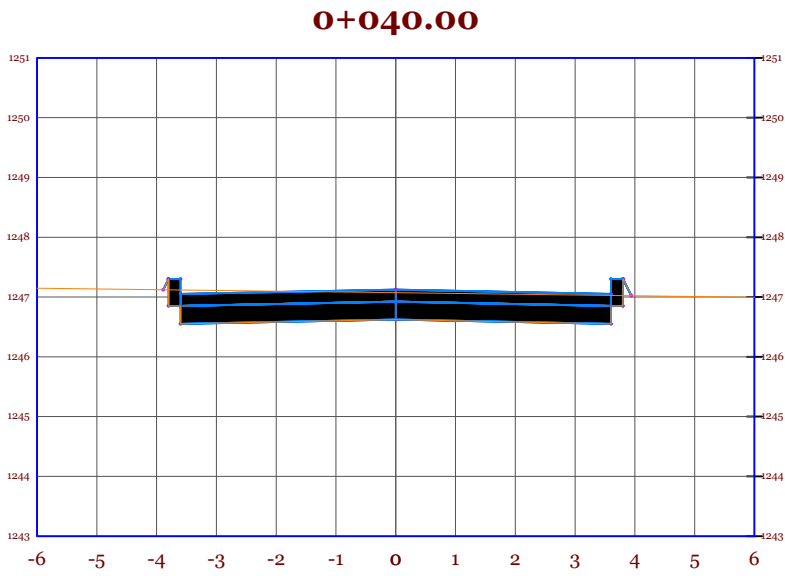
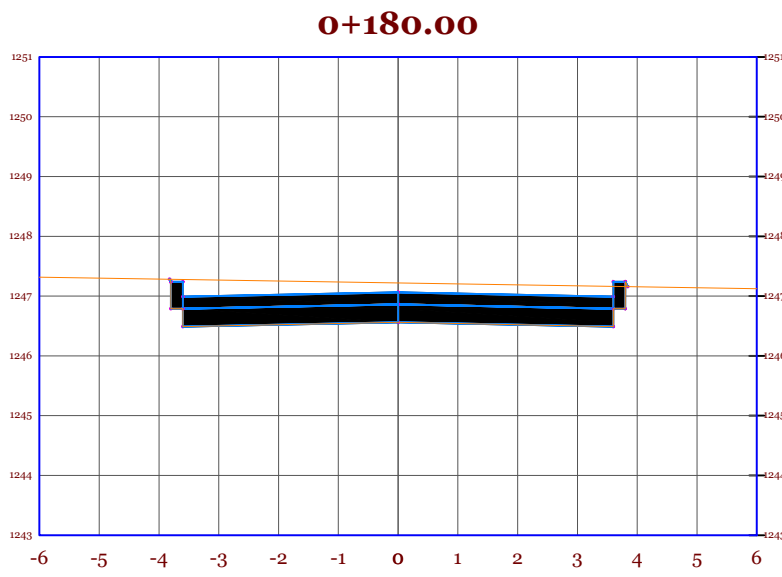
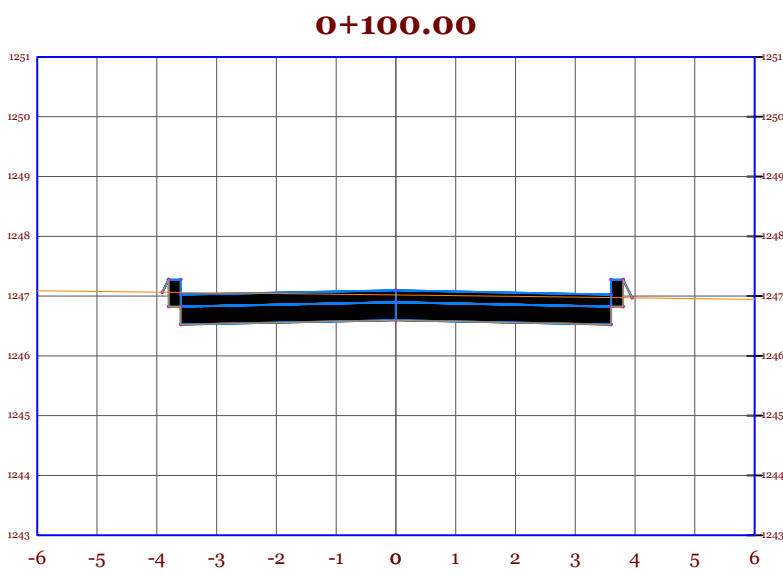
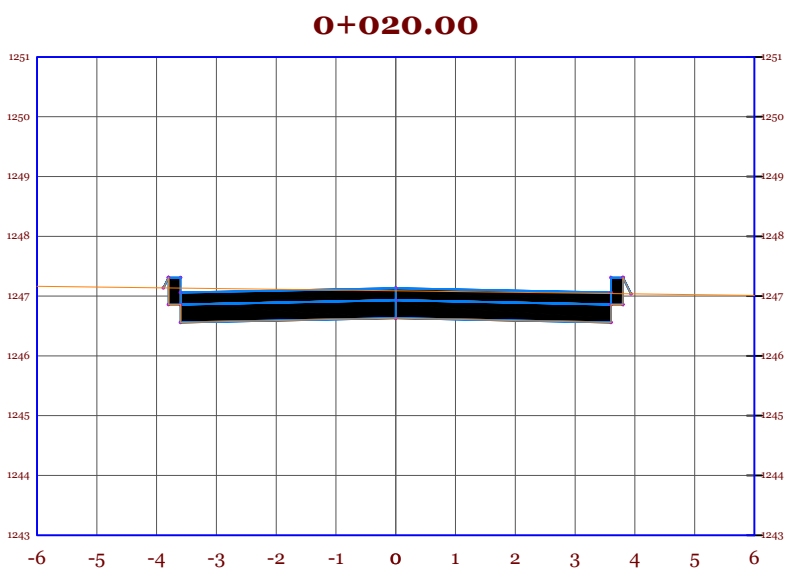
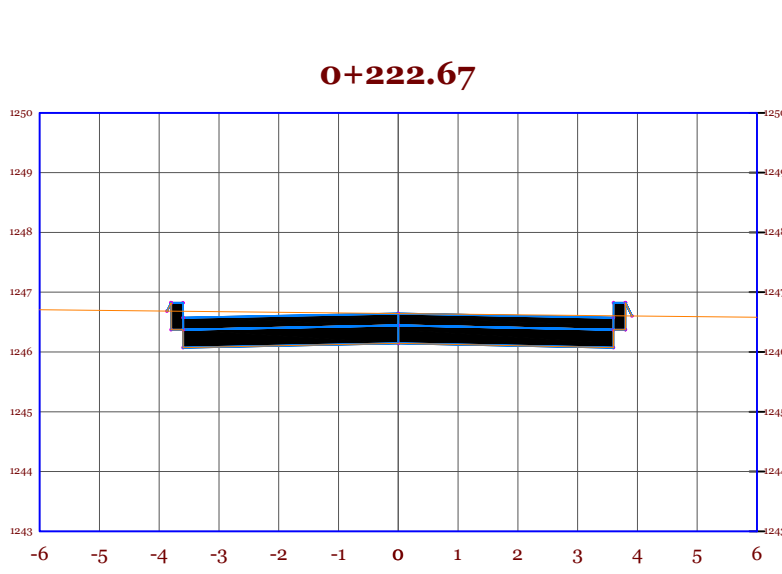
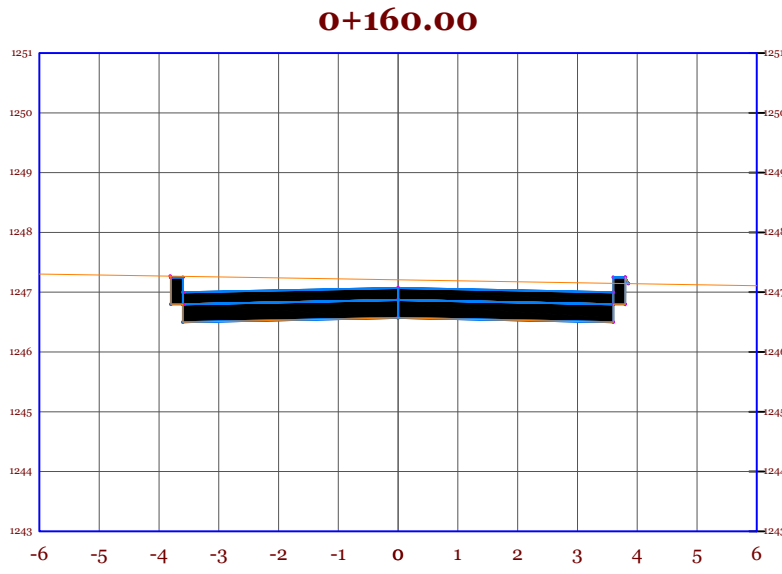
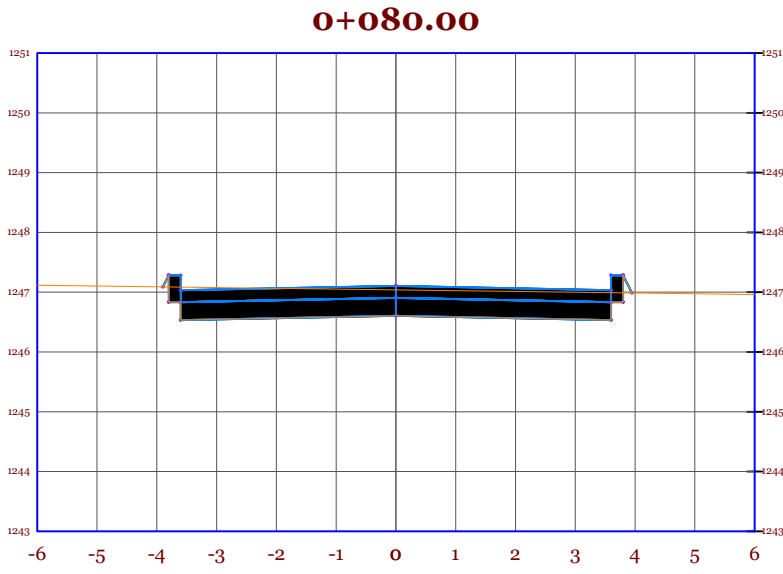
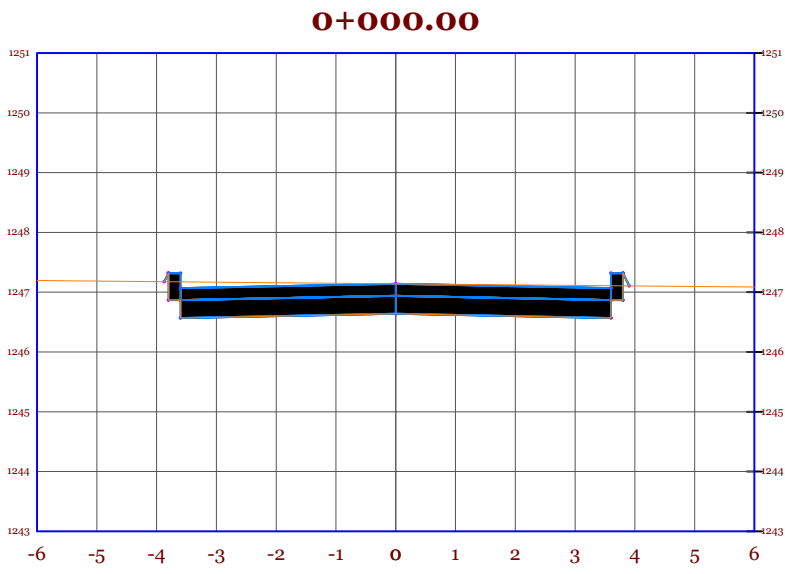
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1 : 1000

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LAMINA N°:  
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FIRMA:

CARACTER:  
PLANO SECCIONES  
TRANSVERSALES CALLE 12

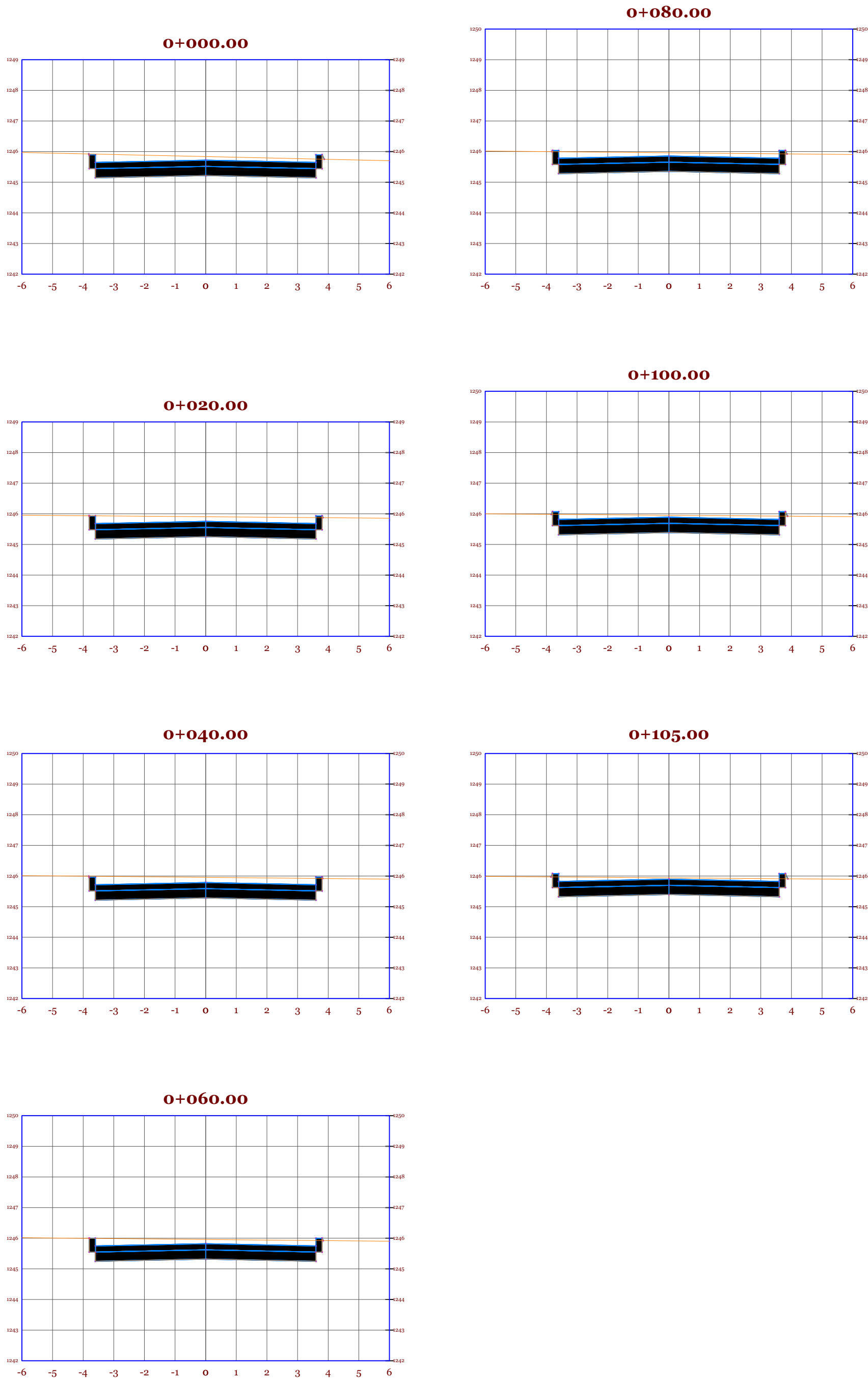
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FECHA:  
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LAMINA N°:  
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CARACTER:  
PLANO SECCIONES  
TRANSVERSALES CALLE 14

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1 : 1000

FECHA:  
TJA./JULIO/2022

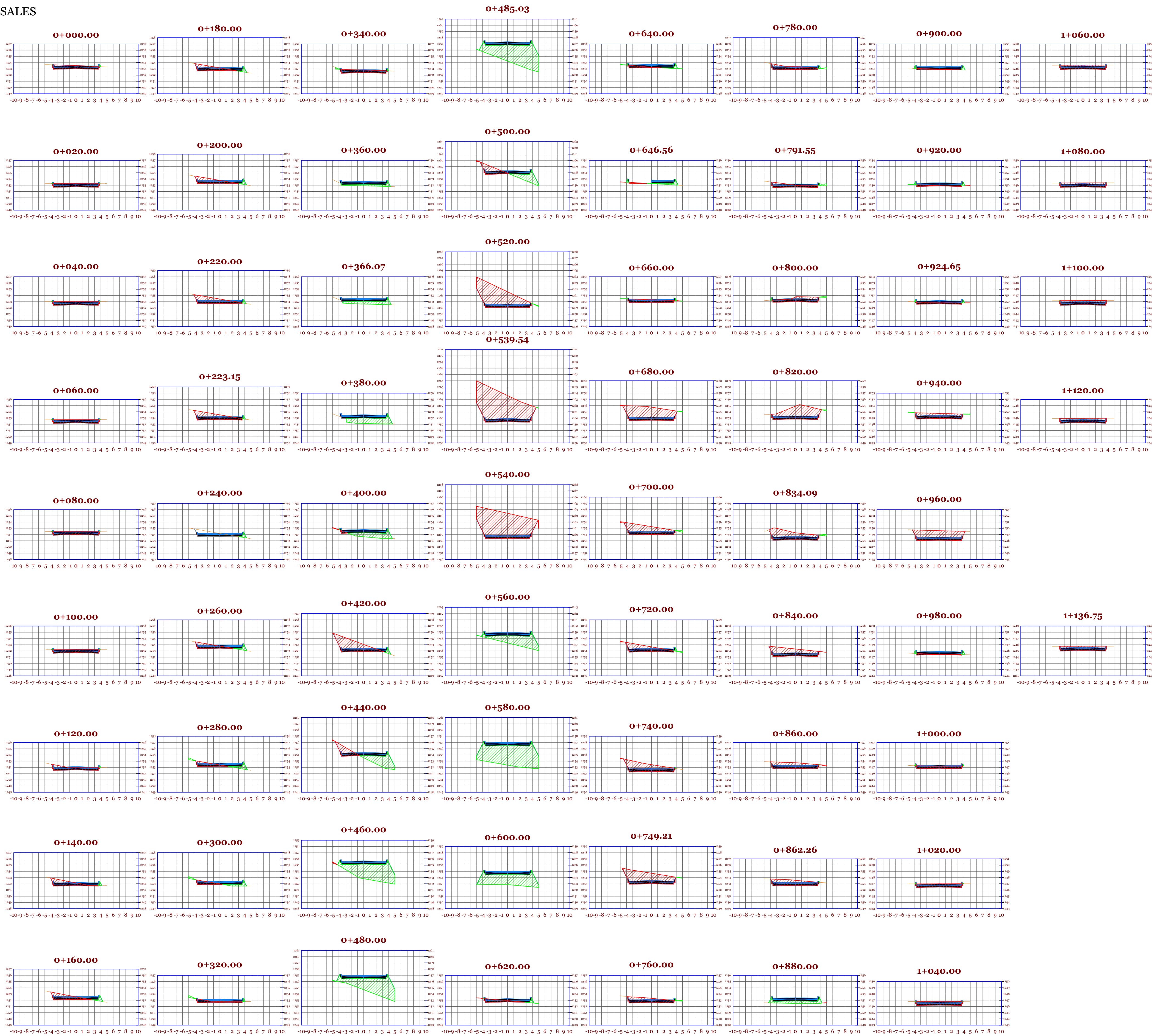
LAMINA N°:  
33/41





PLAN O SECCIONES TRANSVERSALES  
ESCALA 1:1000

0 500 1000



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FIRMA:

CARACTER:  
PLANO SECCIONES  
TRANSVERSALES CALLE 16

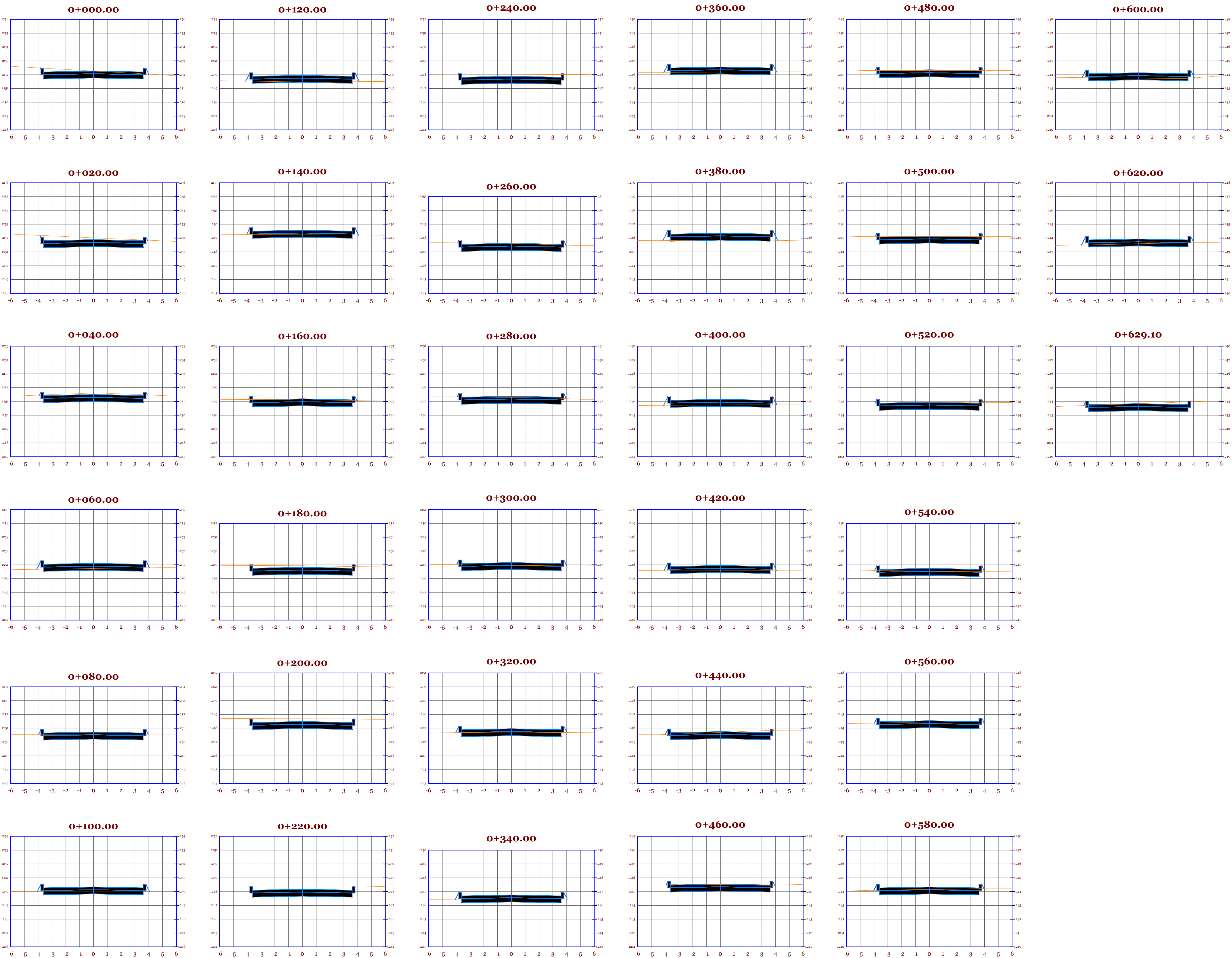
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FECHA:  
TJA/JULIO/2022

LAMINA N°:  
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 FISHER RIOS FERNANDEZ

FIRMA:

CARACTER:  
 PLANO SECCIONES  
 TRANSVERSALES CALLE 17

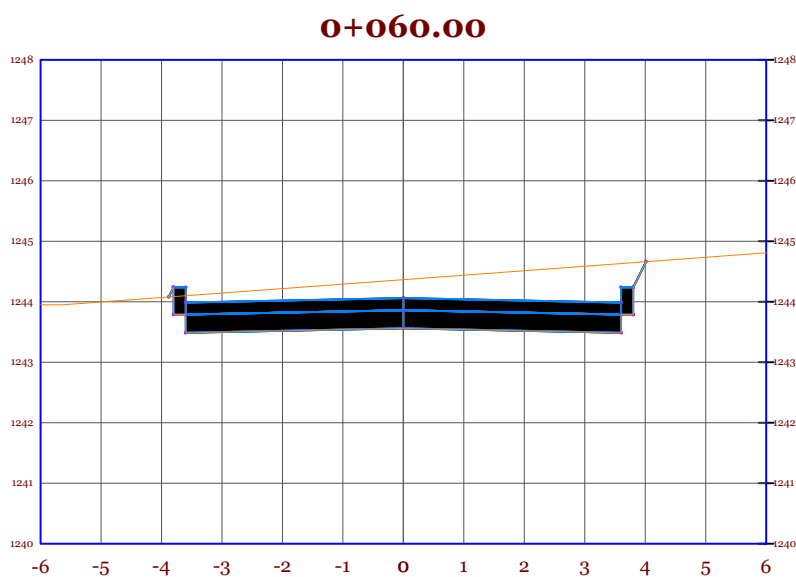
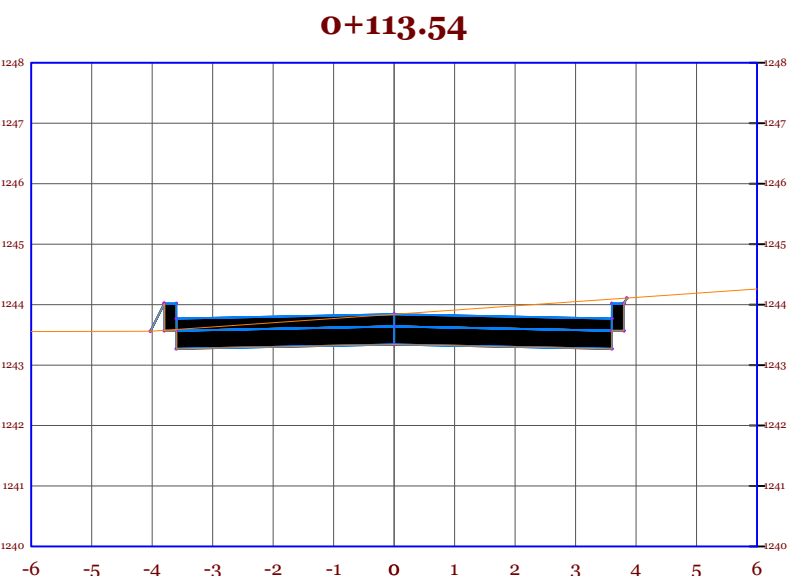
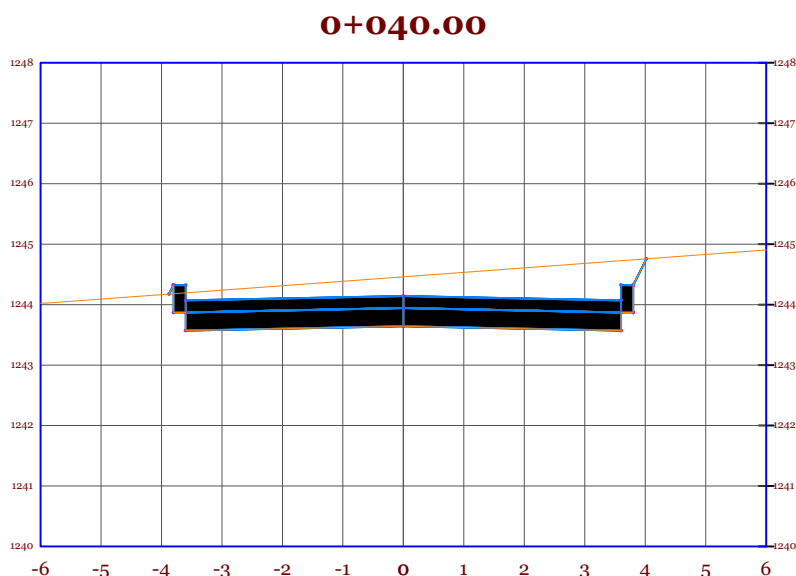
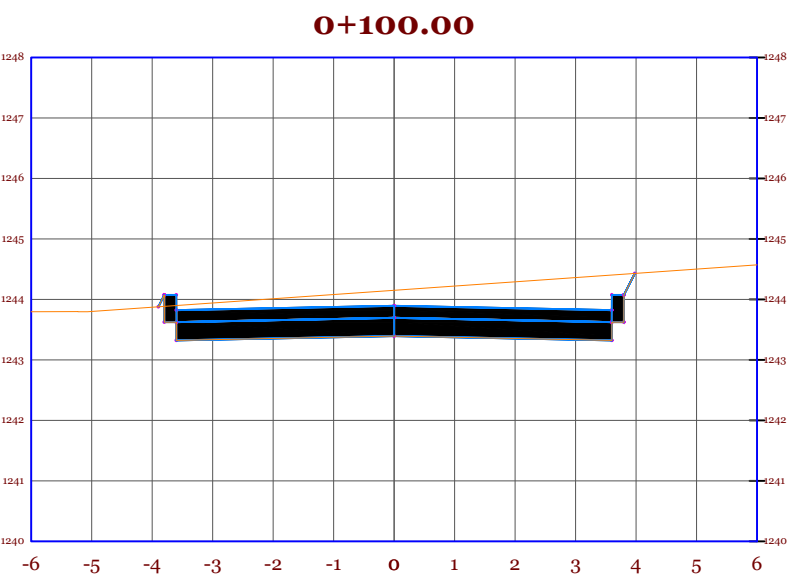
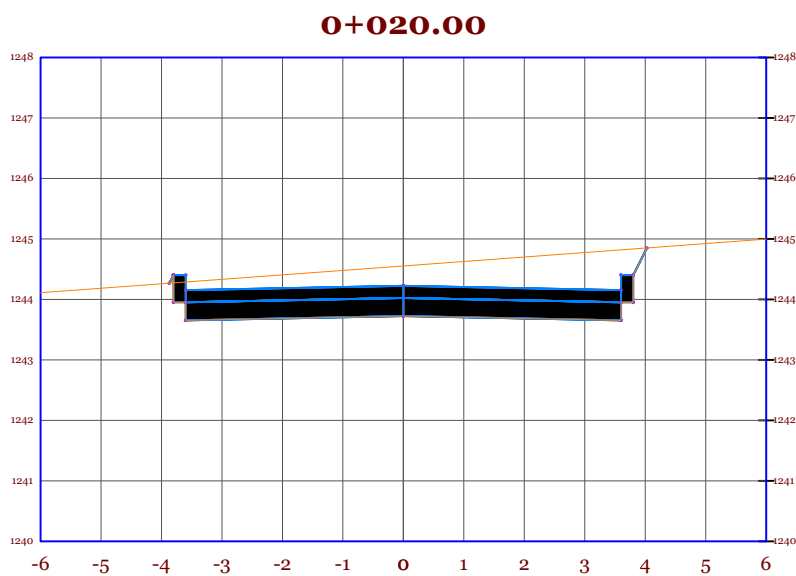
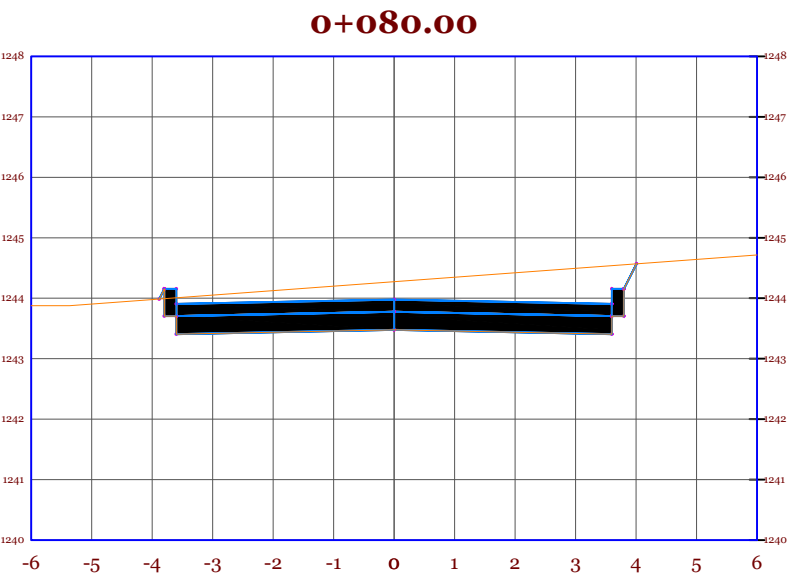
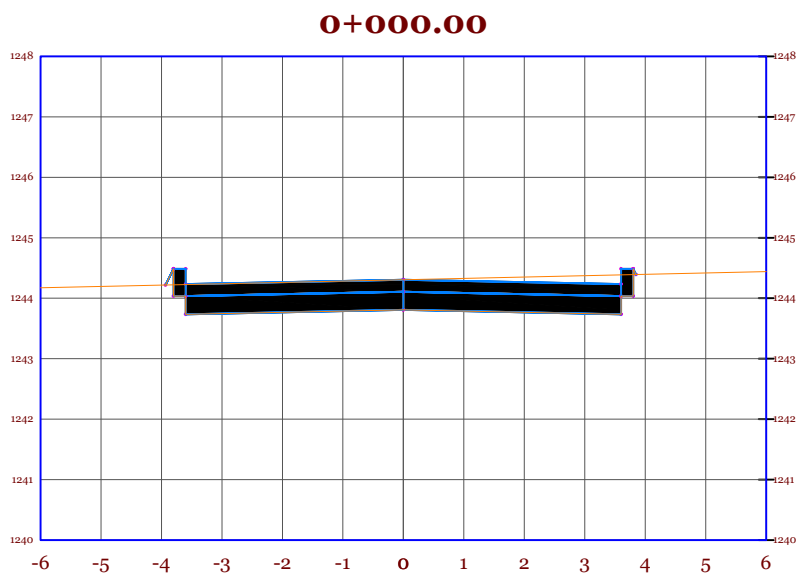
ESCALA:  
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LAMINA N°:  
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FIRMA:

CARACTER:  
PLANO SECCIONES  
TRANSVERSALES CALLE 18

ESCALA:  
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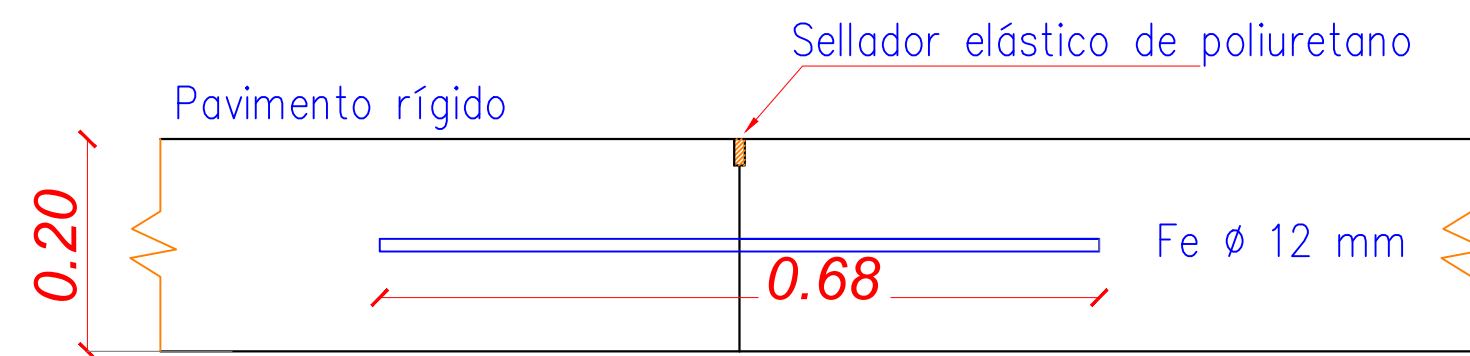
FECHA:  
TJA./JULIO/2022

LAMINA N°:  
36/41

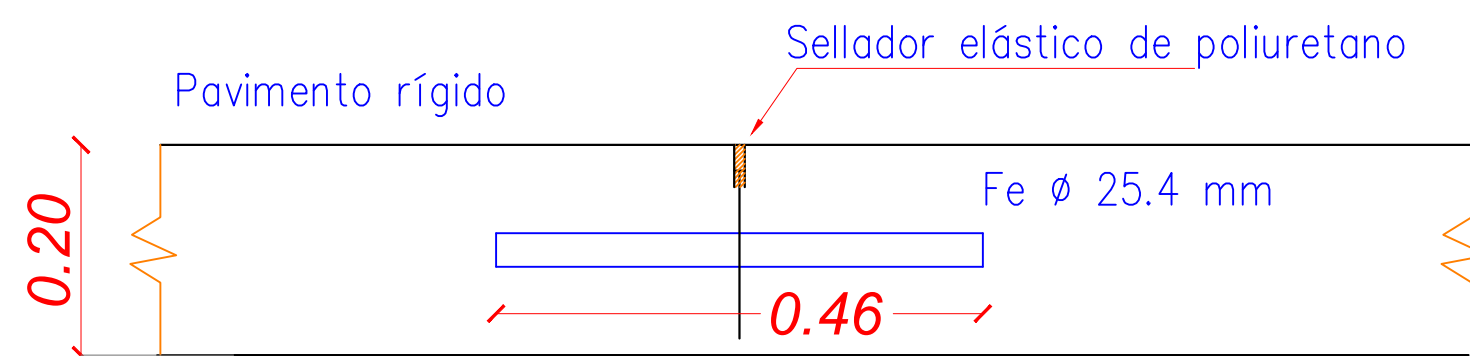




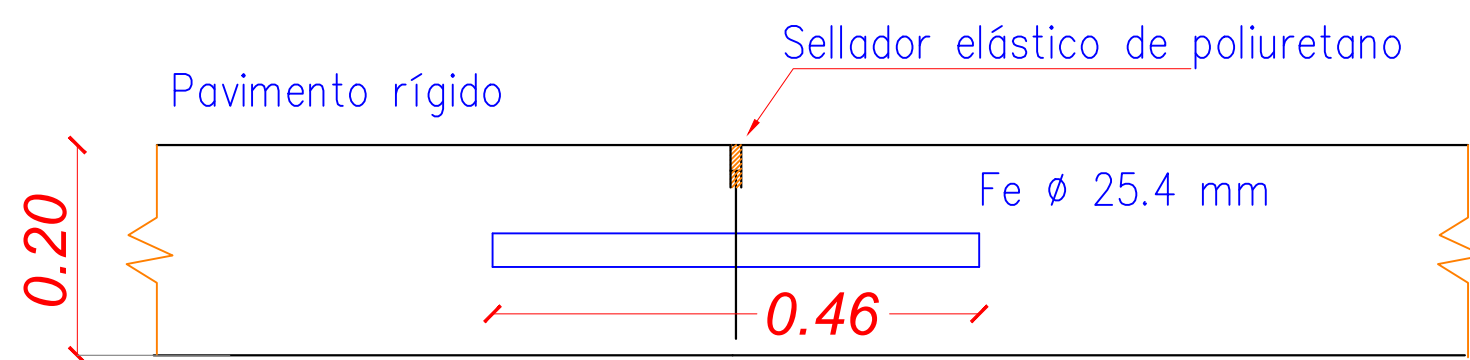
# Cordon



# JUNTA LONGITUDINAL

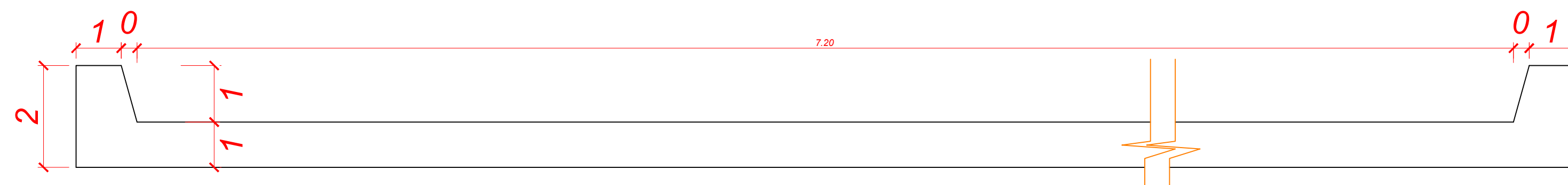


## JUNTAS TRANSVERSAL DE CONTRACCIÓN

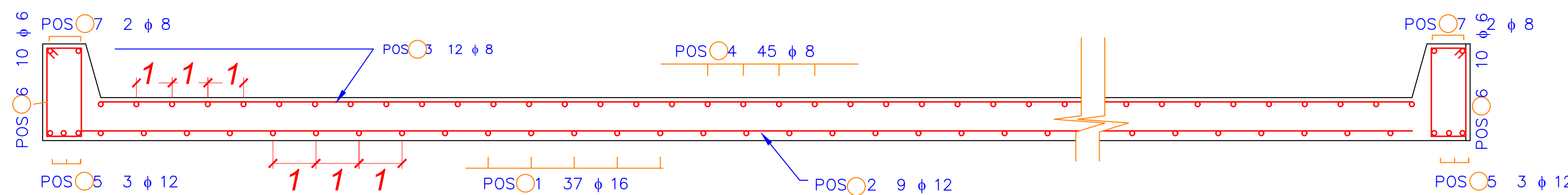


## JUNTA DE CONSTRUCCION

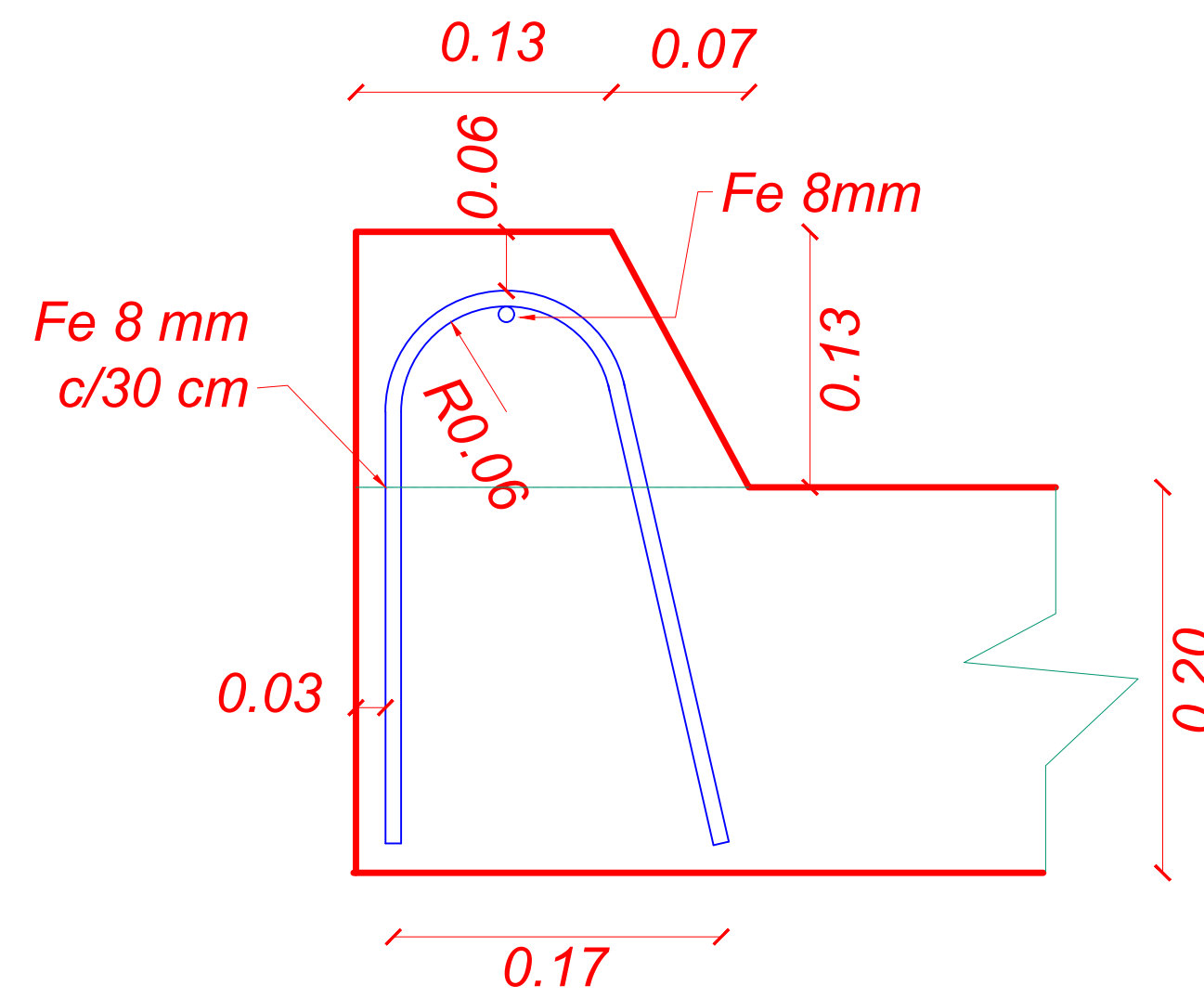
## DETALLE EN CORTE



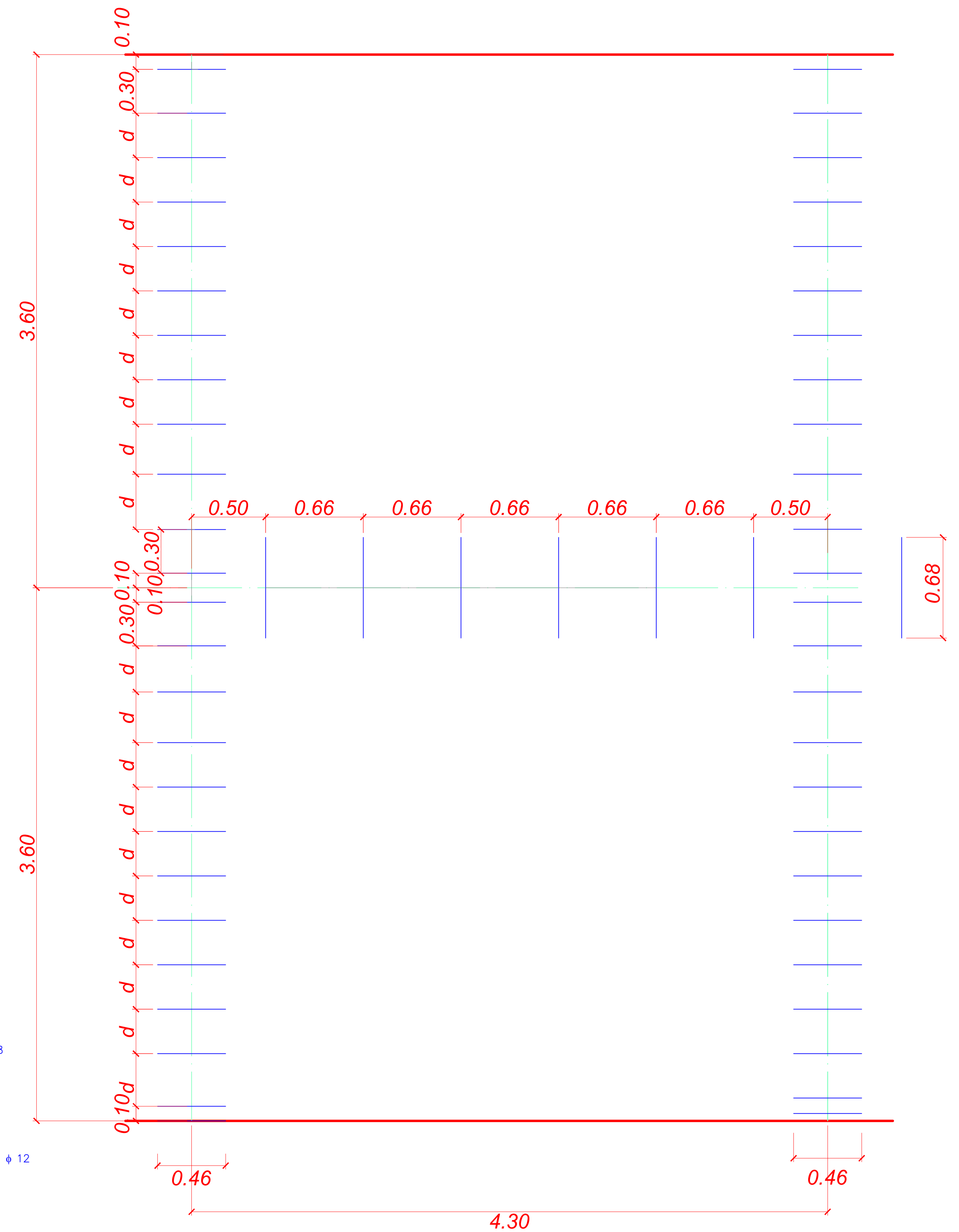
CORTE A-A - L: 7.20 m  
esc.: 1:20



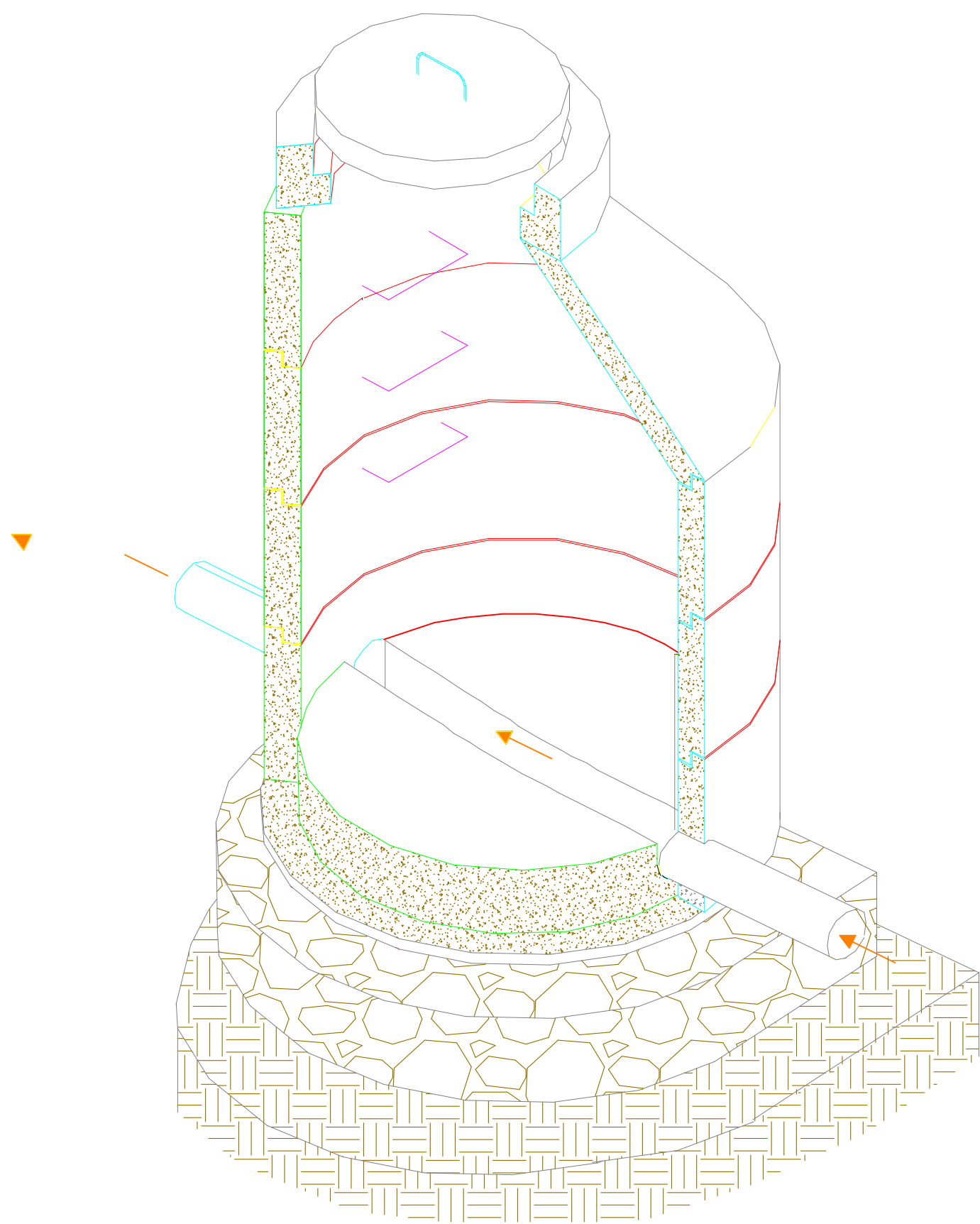
**CORTE ESTRUCTURAL A-A - L: 7.20 m**  
**esc.: 1:20**



## ENFIERRADURA JUNTAS





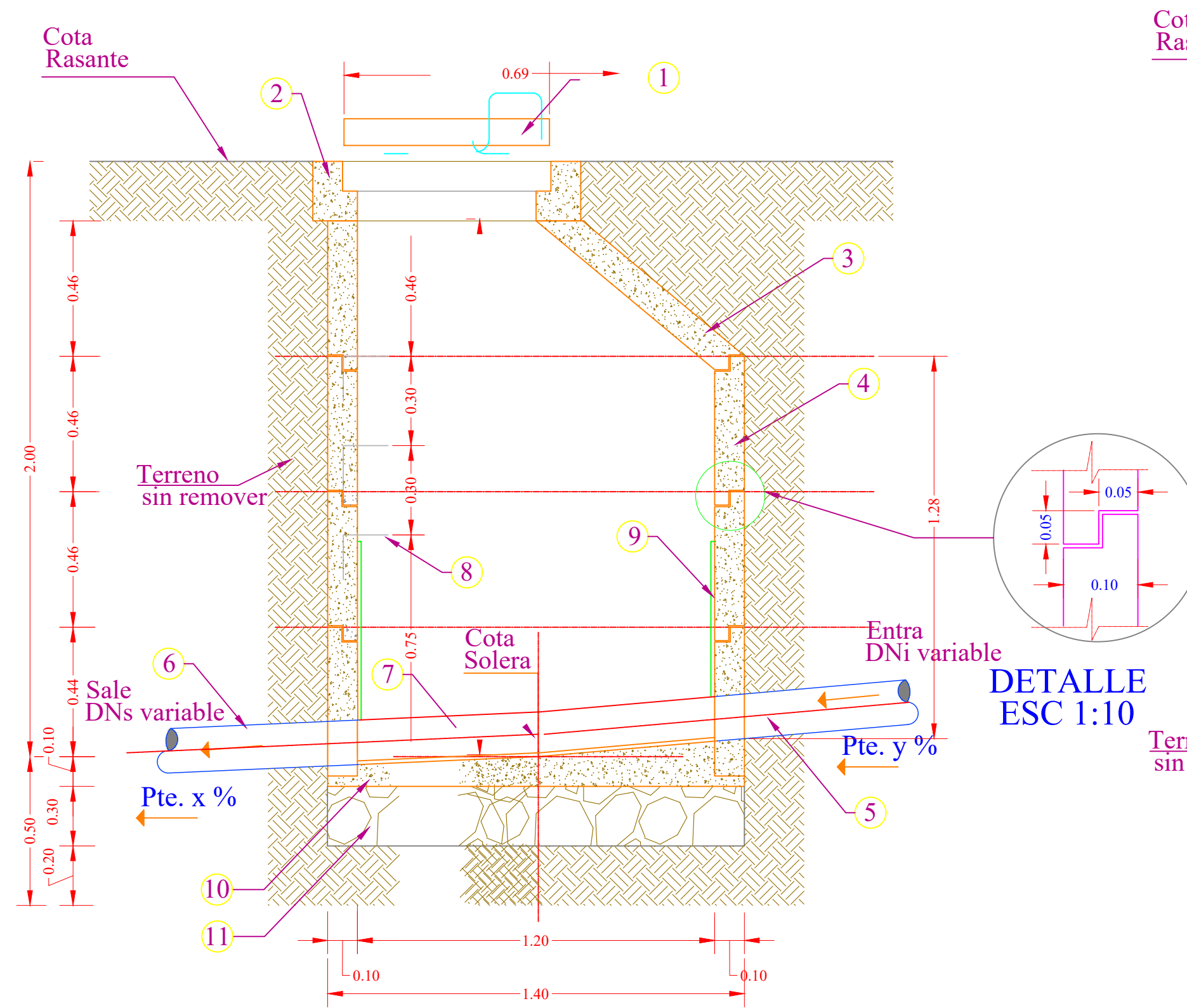


PERSPECTIVA  
CÁMARA SIMPLE  
SIN ESCALA

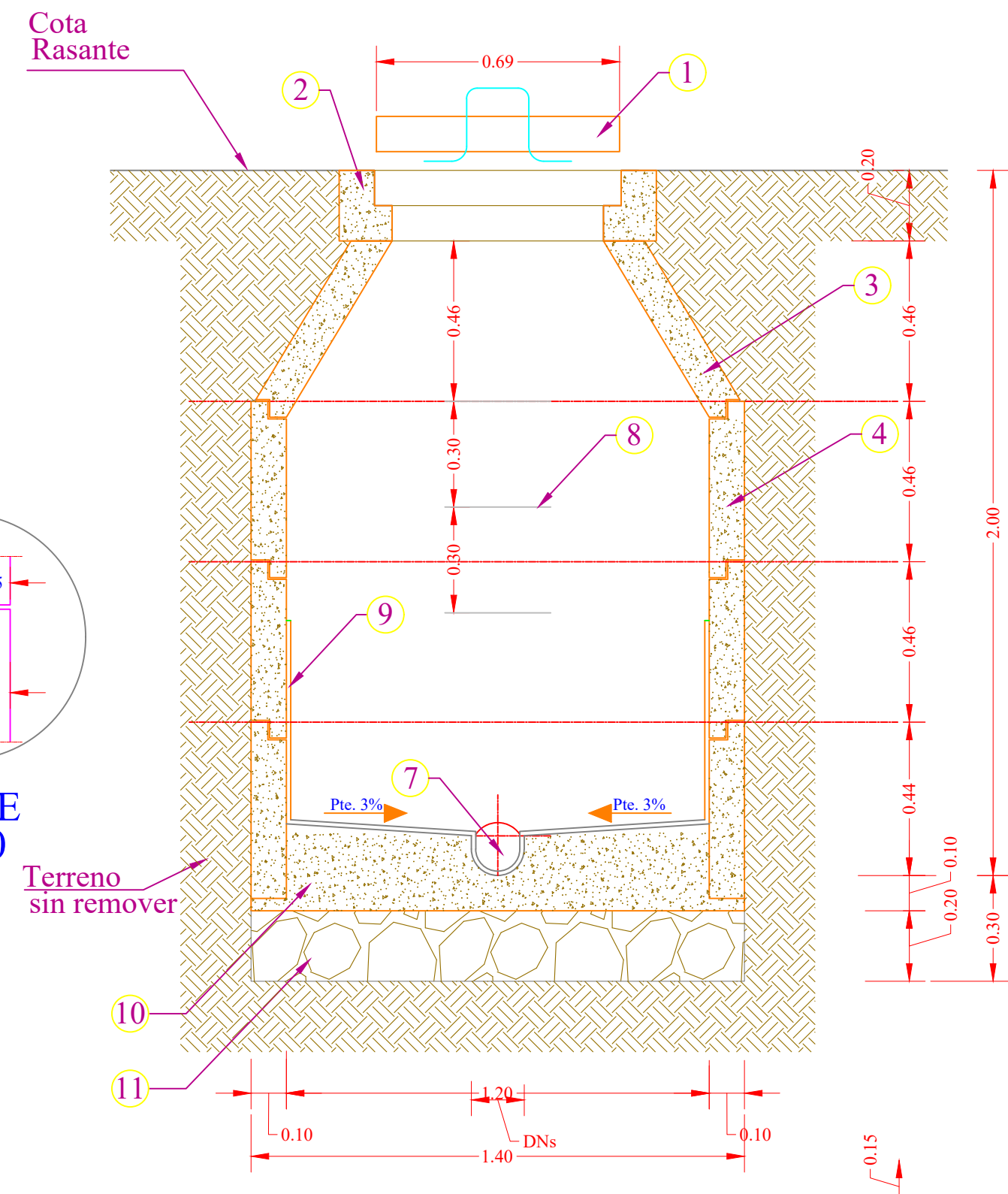
| REFERENCIAS |                             |
|-------------|-----------------------------|
| DNi         | Diámetro Nominal de Ingreso |
| DNs         | Diámetro Nominal de Salida  |

PLANILLA DE MATERIALES

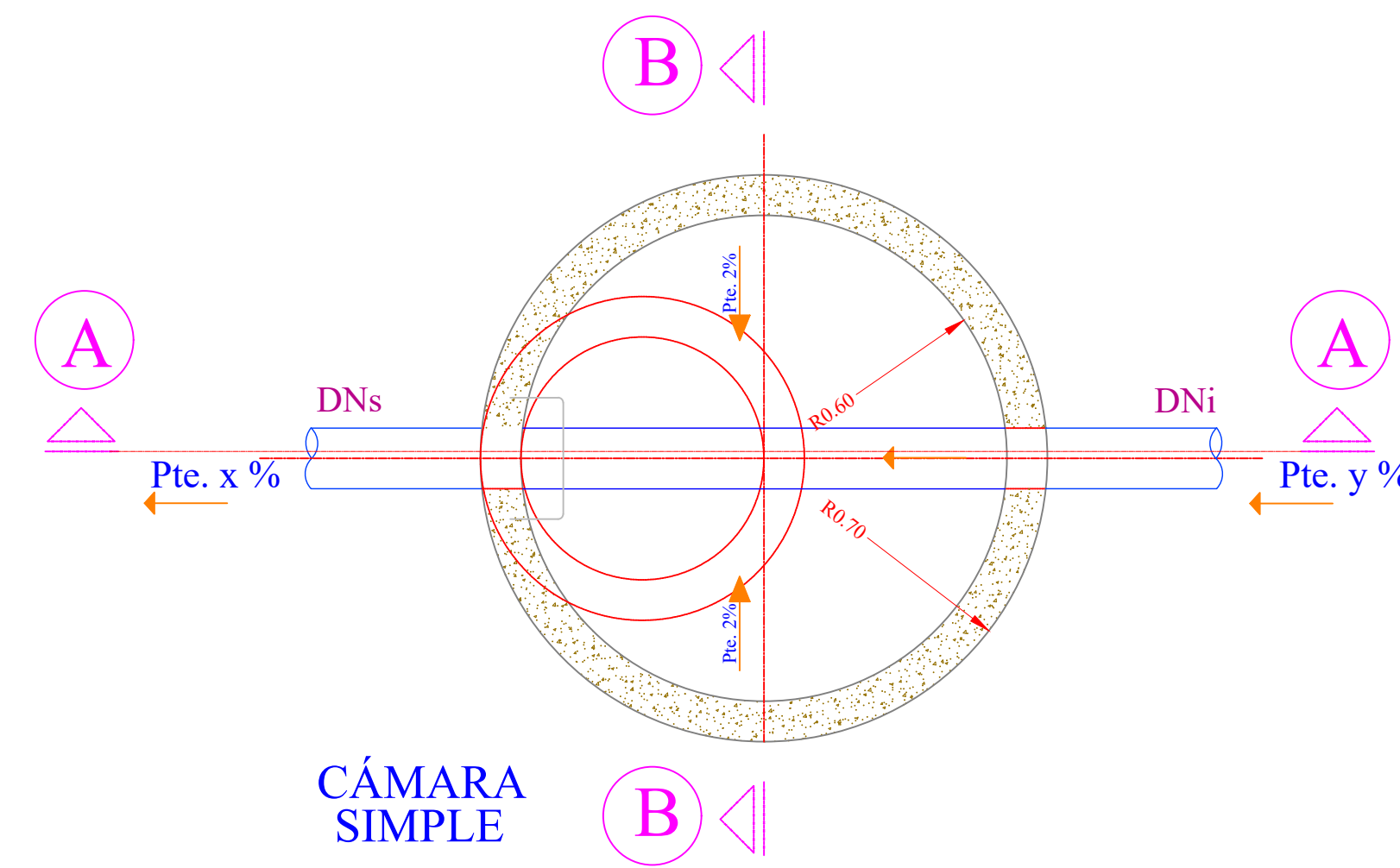
| REF. | DESCRIPCION  | UNID. | CANT. | CODIGO      |
|------|--------------|-------|-------|-------------|
| 1    | Cemento      | Kg    | 389   | ET-MP-01    |
| 2    | Piedra bruta | m3    | 0.20  | ET-MP-03-02 |
| 3    | Arena        | m3    | 0.70  | ET-MP-02-01 |
| 4    | Grava        | m3    | 0.90  | ET-MP-02-02 |



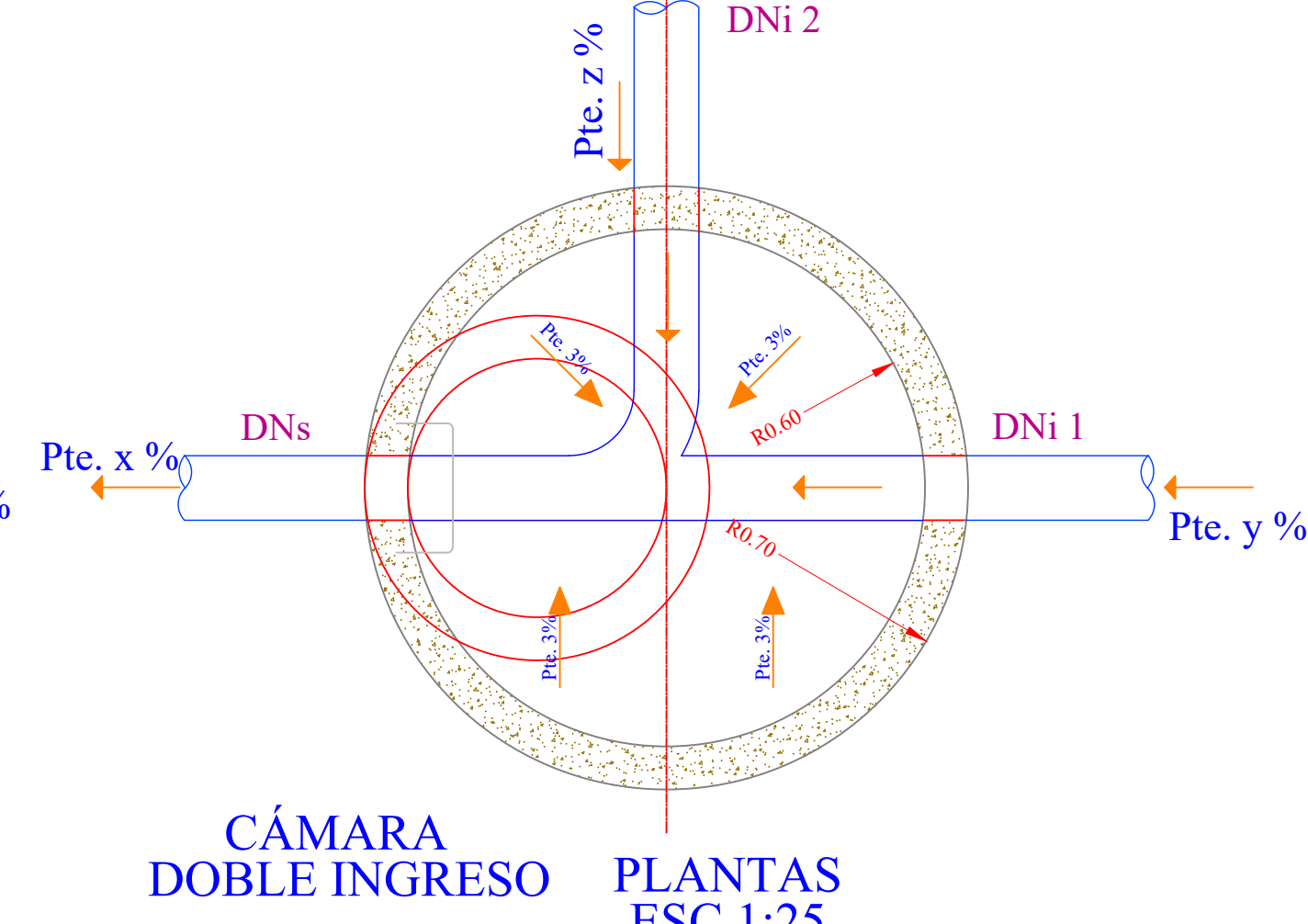
CORTE A - A  
ESC 1:25



CORTE B - B  
ESC 1:25



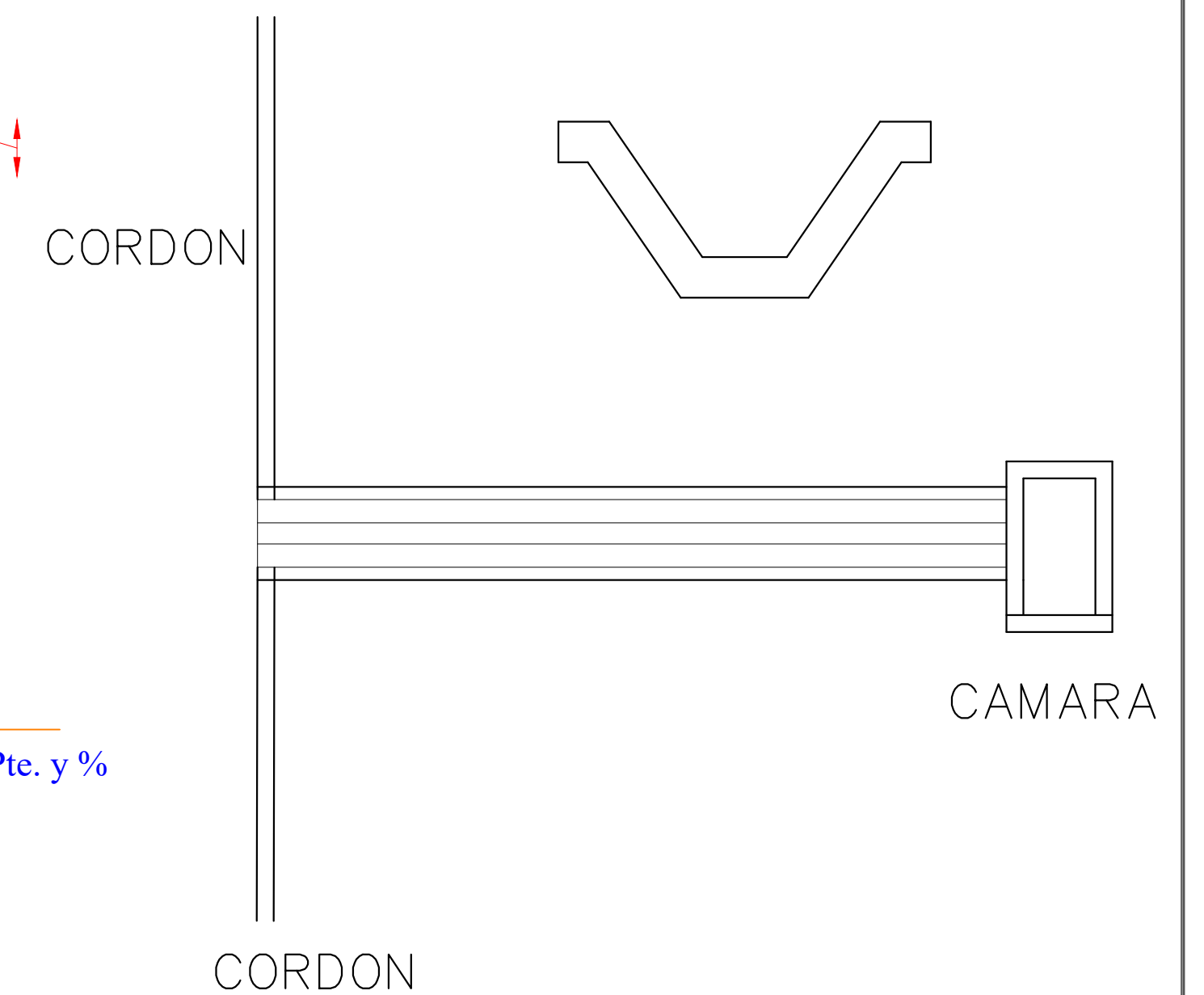
CÁMARA  
SIMPLE



CÁMARA  
DOBLE INGRESO  
PLANTAS  
ESC 1:25

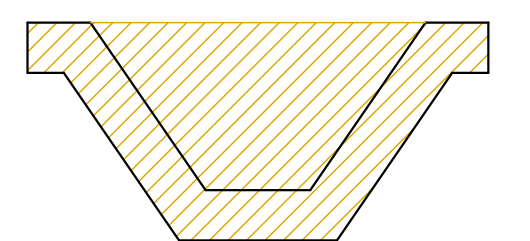
## CUNETAS REVESTIDAS

CUNETA TRAPEZOIDAL  
ESCALA 1 : 50



EXCAVACION

VOLUMEN EXCAVACION :  
 $V = \text{AREA SECCION} \times \text{LONGITUD}$



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DISEÑO :  
FISHER RIOS FERNANDEZ

FIRMA:

CARACTER:  
PLANO DETALLE  
CONSTRUCTIVO CAMARAS

ESCALA:  
1 : 1000

FECHA:  
TJA./JULIO/2022

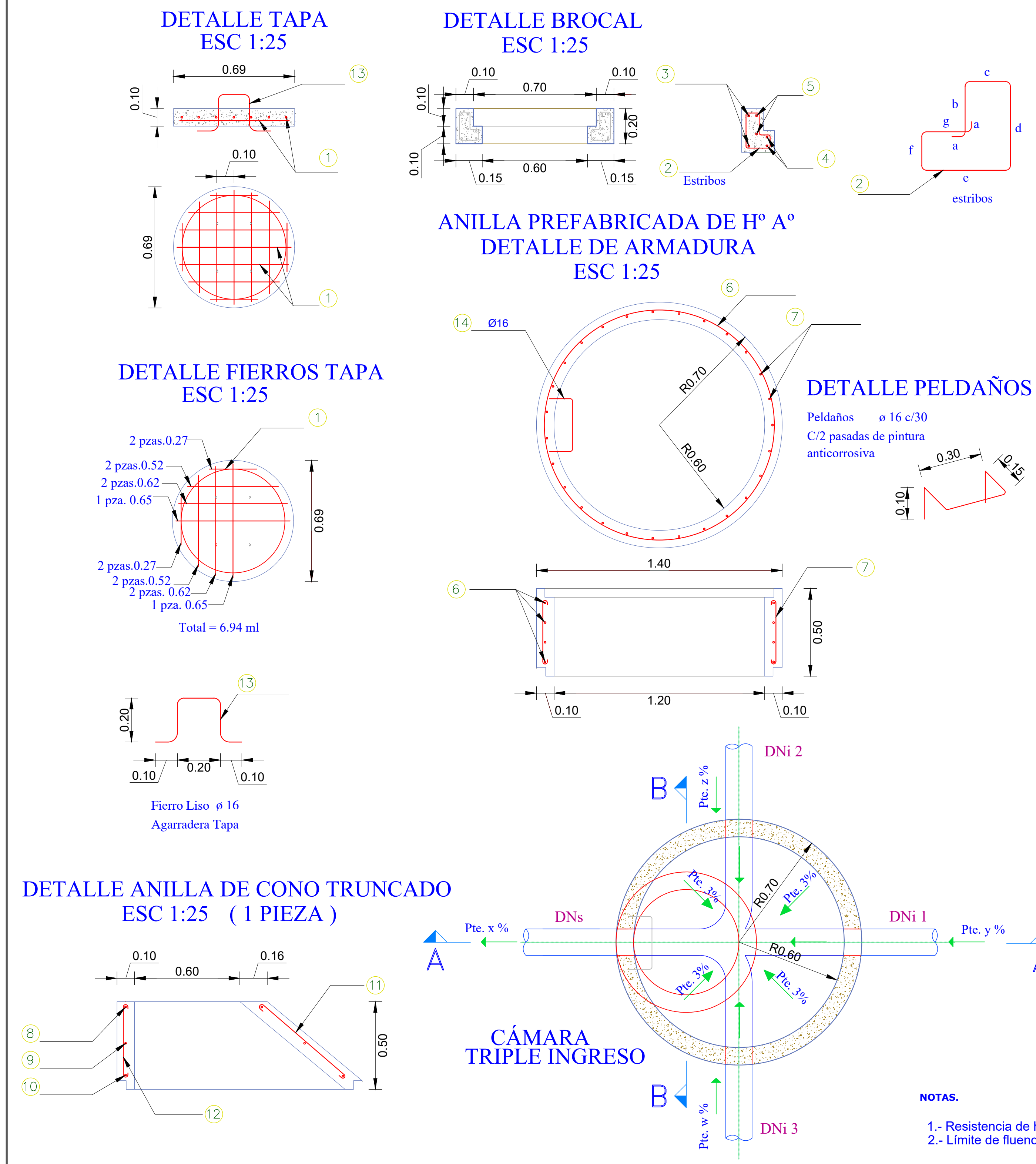
LAMINA N°:  
38/41



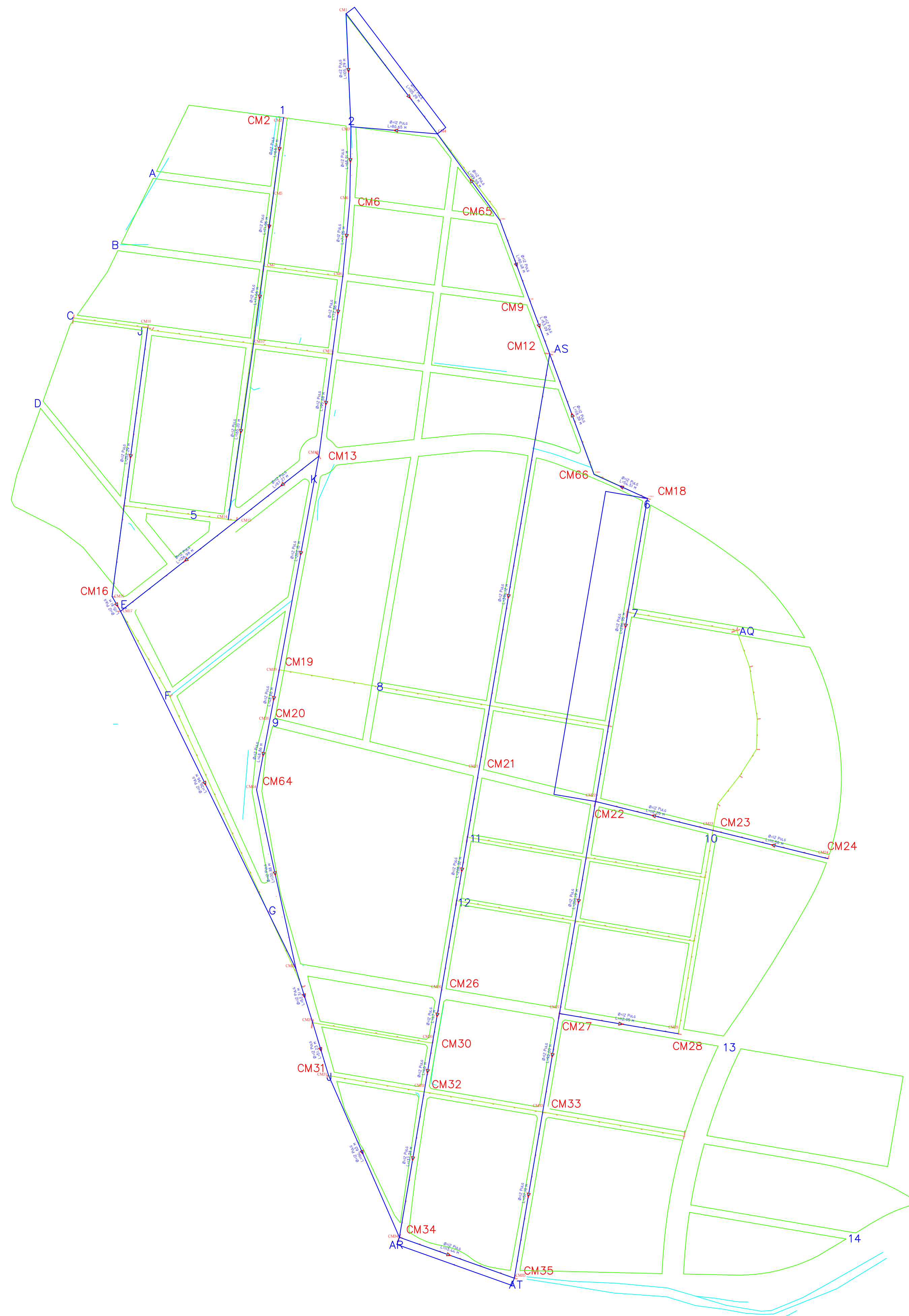


PLANILLA DE FIERROS

| Pos.               | ESQUEMA            | Espac. m | ø (mm) | Dimensiones [m] |      |      |      |      |      |      | Long Unit [m] | Cantidad | Long. Total [m] | Peso Unit | Peso Total |
|--------------------|--------------------|----------|--------|-----------------|------|------|------|------|------|------|---------------|----------|-----------------|-----------|------------|
|                    |                    |          |        | a               | b    | c    | d    | e    | f    | g    |               |          |                 |           |            |
| 1                  | a                  | 0.10     | 12     | 6.94            |      |      |      |      |      |      | 6.94          | 1        | 6.94            | 0.89      | 6.18       |
| 2                  | a estribos         | 0.22     | 6      | 0.03            | 0.05 | 0.05 | 0.15 | 0.10 | 0.05 | 0.05 | 0.51          | 12       | 6.12            | 0.22      | 1.35       |
| 3                  | d= 0.85<br>t= 0.10 | 0.10     | 8      | 2.77            |      |      |      |      |      |      | 2.77          | 2        | 5.54            | 0.40      | 2.22       |
| 4                  | d= 0.65<br>t= 0.10 | 0.10     | 8      | 2.14            |      |      |      |      |      |      | 2.14          | 2        | 4.28            | 0.40      | 1.71       |
| 5                  | d= 0.75<br>t= 0.10 | 0.10     | 8      | 2.46            |      |      |      |      |      |      | 2.46          | 2        | 4.92            | 0.40      | 1.97       |
| 6                  | d= 1.30<br>t= 0.10 | 0.10     | 8      | 4.18            |      |      |      |      |      |      | 4.18          | 12       | 50.16           | 0.40      | 20.06      |
| 7                  | b a                | 0.15     | 8      | 0.03            | 0.40 | 0.03 |      |      |      |      | 0.46          | 81       | 37.26           | 0.40      | 14.90      |
| 8                  | d= 0.65<br>t= 0.10 | 0.10     | 8      | 2.14            |      |      |      |      |      |      | 2.14          | 1        | 2.14            | 0.40      | 0.86       |
| 9                  | d= 0.98<br>t= 0.10 | 0.10     | 8      | 3.18            |      |      |      |      |      |      | 3.18          | 1        | 3.18            | 0.40      | 1.27       |
| 10                 | d= 1.30<br>t= 0.10 | 0.10     | 8      | 4.18            |      |      |      |      |      |      | 4.18          | 1        | 4.18            | 0.40      | 1.67       |
| 11                 | a b<br>a           | 0.15     | 8      | 0.05            | 0.77 | 0.05 |      |      |      |      | 0.87          | 14       | 12.18           | 0.40      | 4.87       |
| 12                 | b a<br>a           | 0.15     | 8      | 0.03            | 0.45 | 0.03 |      |      |      |      | 0.51          | 13       | 6.63            | 0.40      | 2.65       |
| 13                 | a b<br>a           | -        | 16     | 0.10            | 0.20 | 0.20 | 0.20 | 0.10 |      |      | 0.80          | 1        | 0.80            | 1.58      | 1.26       |
| 14                 | a c<br>b           | 0.30     | 16     | 0.10            | 0.15 | 0.30 | 0.15 | 0.10 |      |      | 0.80          | 3        | 2.40            | 1.58      | 3.79       |
| TOTAL [Kg/Cámara]= |                    |          |        |                 |      |      |      |      |      |      |               |          |                 | 64.77     |            |







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FIRMA:

CARACTER:  
PLANO GENERAL DE SISTEMA  
DE DRENAJE

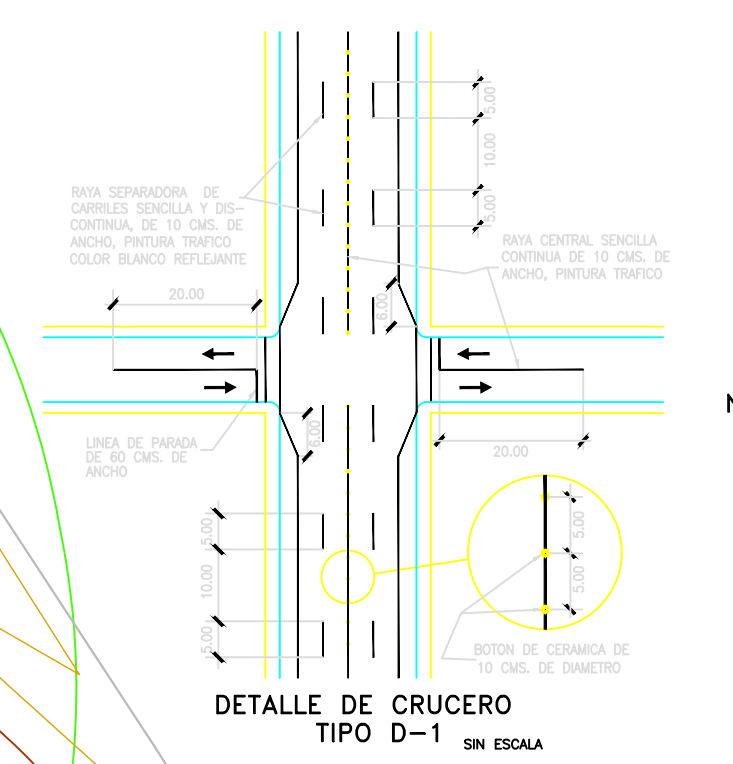
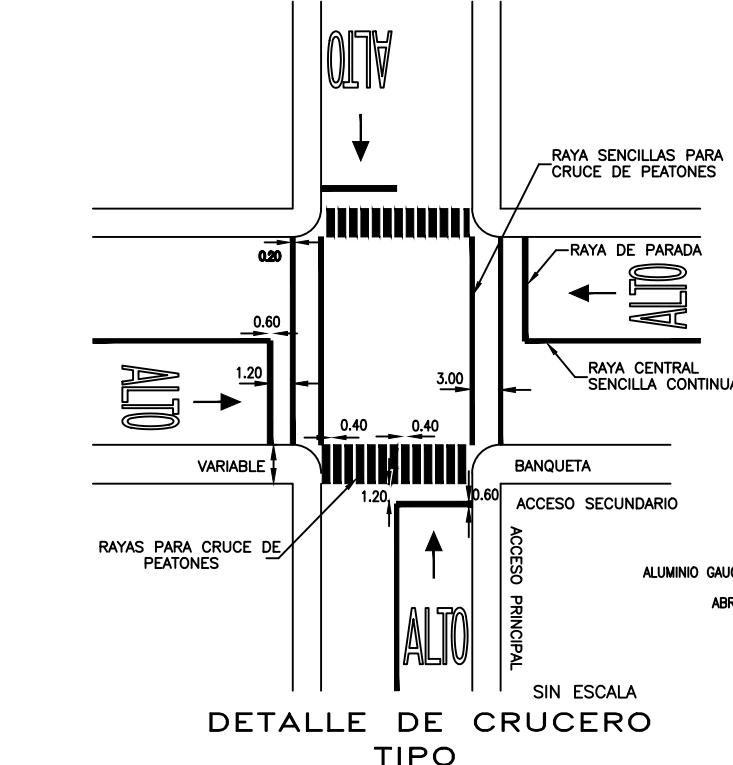
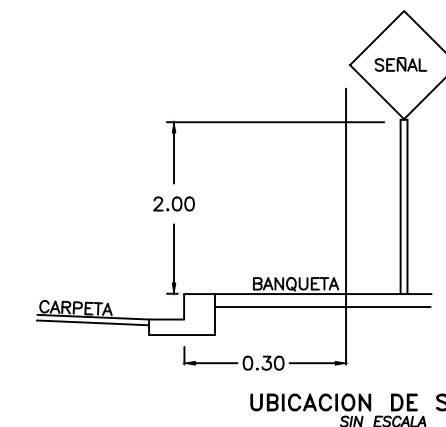
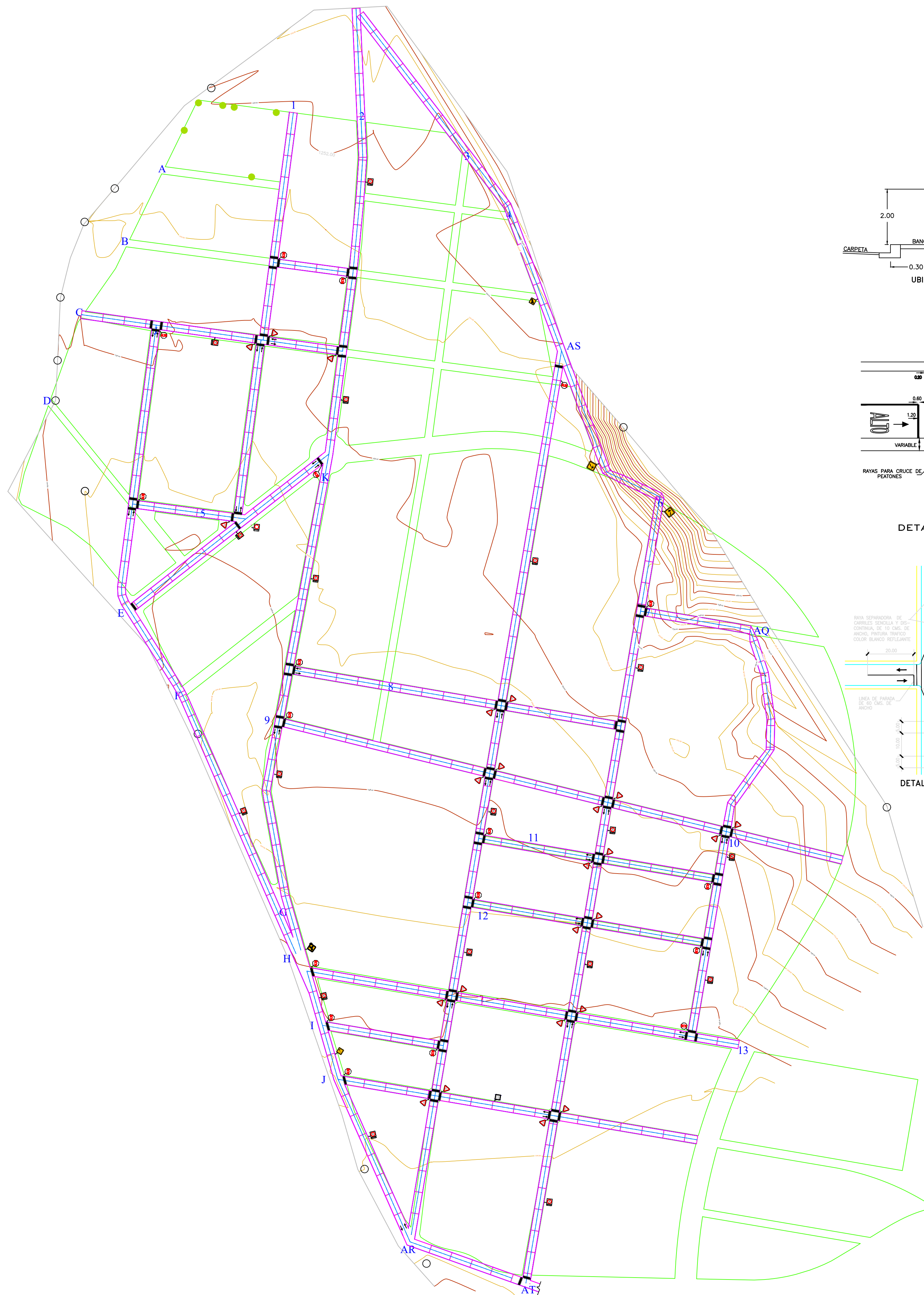
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TJA./JULIO/2022

LAMINA N°:  
40/41







SEÑAL  
SAN AGUSTIN  
BARRIO BANDA MEALLA  
SII-6  
SII-6

