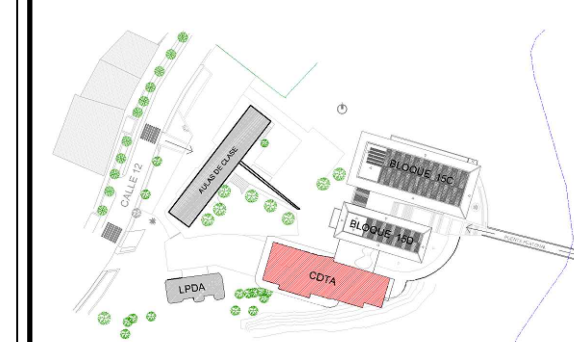


**PROYECTO:**

CENTRO DE  
DESARROLLO TECNOLÓGICO  
CON ENFOQUE EN  
AGROINDUSTRIA

CDTA

LOCALIZACIÓN

**CONTENIDO:**

DISEÑO ESTRUCTURAL

- PLANTA PLANTAS Y BORDILLOS
- PLANTA COLUMNAS Y TIPO DE MUROS

**DISEÑO:**



www.grupoEcon.com

PROFESIONALES RESPONSABLES

INGENIERO  
**ABLO HOYOS ARANGO**  
17202-105589 CDS

INGENIERO  
JORGE ANDRES HOYOS ARANGO  
MAT. 17202-147481 CDS

MODIFICACIONES:  
No - DD/MM/AAAA/ - MODIFICACIÓN

[illegible]

NOMBRE DEL ARCHIVO:  
EST-Tercer nivel CDTA.dwg

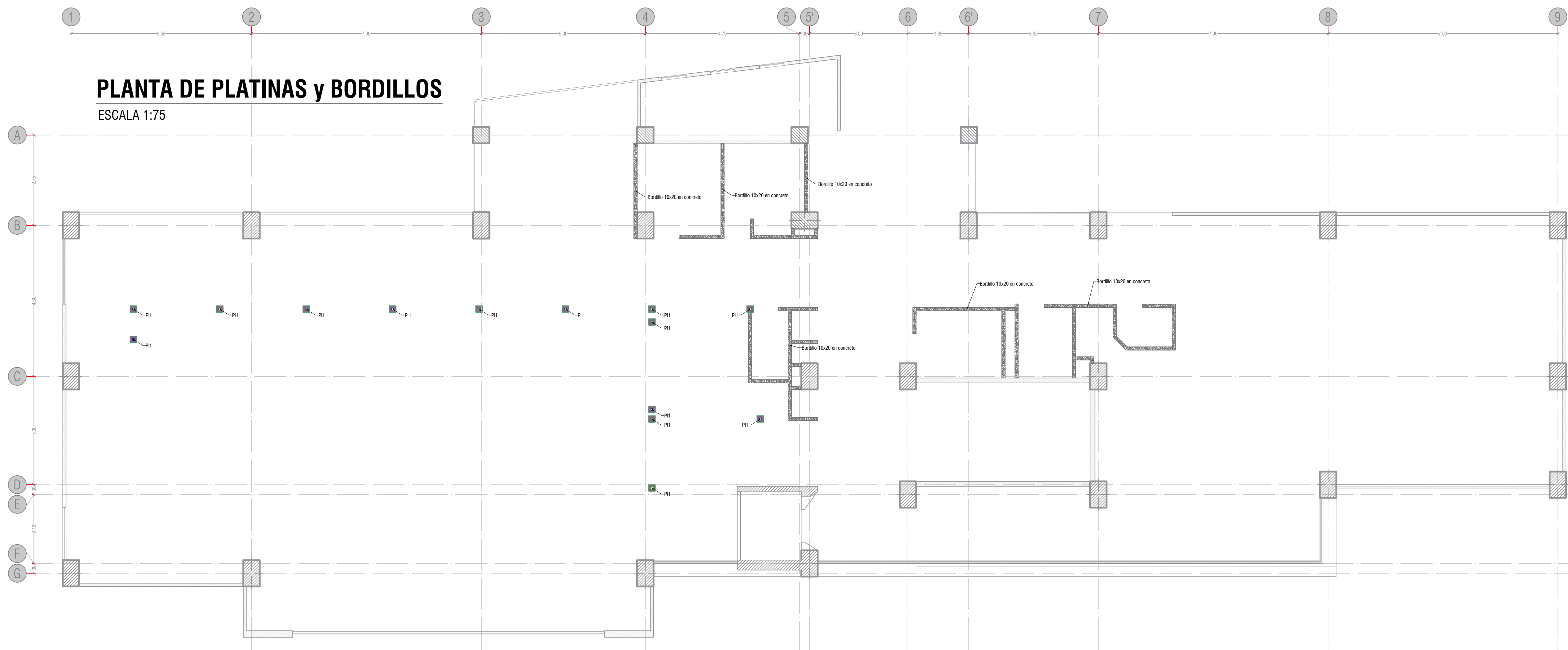
**FECHA:**  
JULIO 2024

**ESCALA:**  
INDICADA

|              |           |           |
|--------------|-----------|-----------|
| PLANO<br>EST | <b>02</b> | <b>02</b> |
|--------------|-----------|-----------|

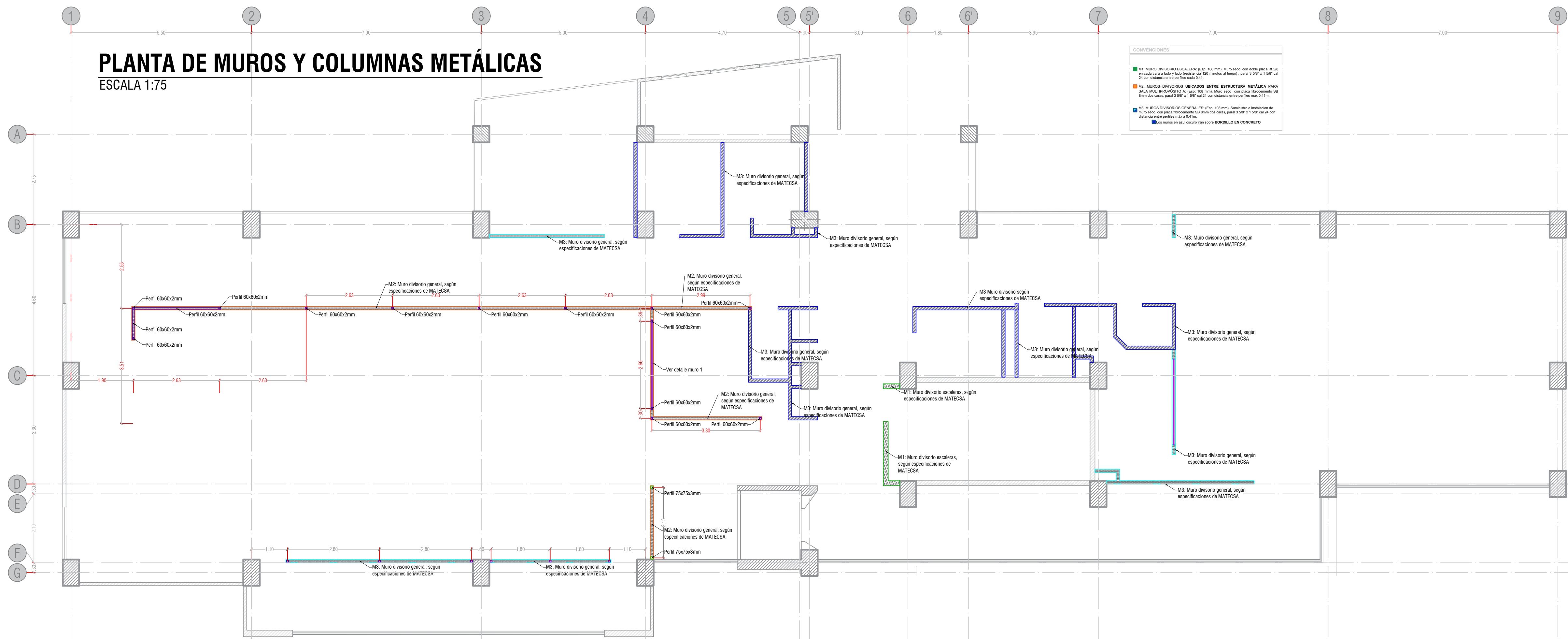
## PLANTA DE PLATINAS y BORDILLOS

ESCALA 1:75



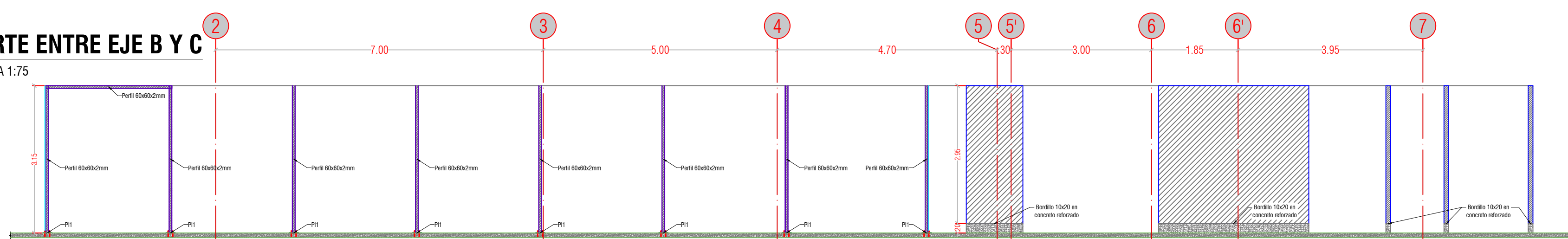
## PLANTA DE MUROS Y COLUMNAS METÁLICAS

ESCALA 1:75



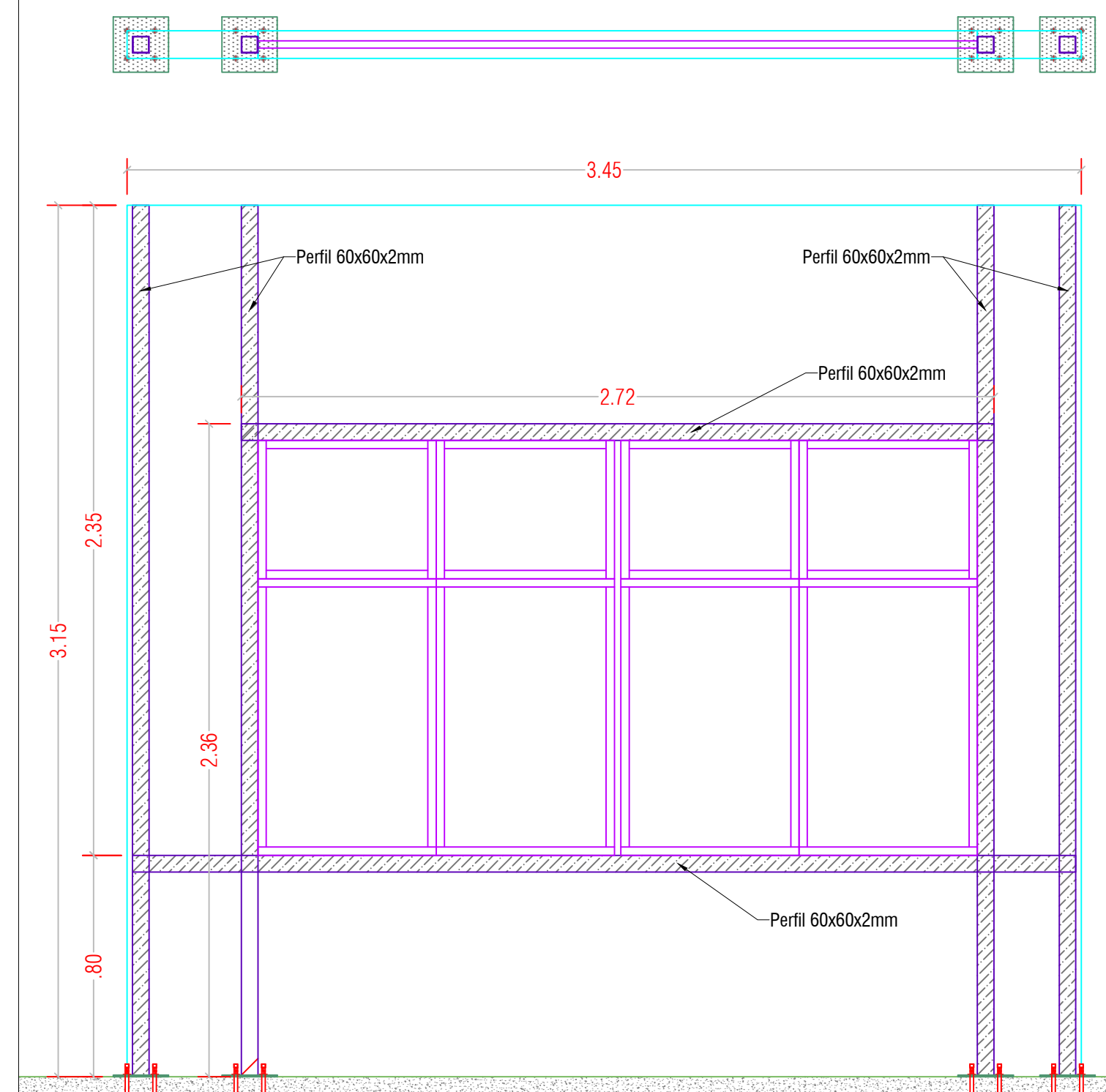
**CORTE ENTRE EJE B Y C**

ESCALA 1:75

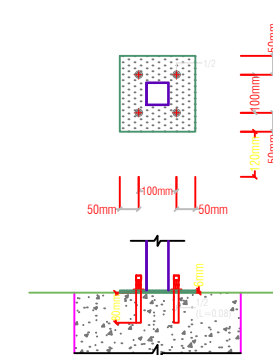


### DETALLE DE MURO 1

ESCALA 1:20

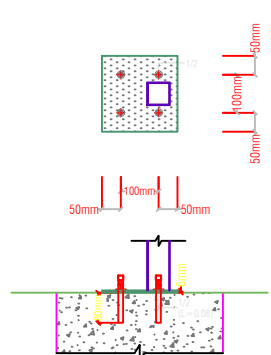


DETALLE PLATINA BASE e=6mm (PI1)



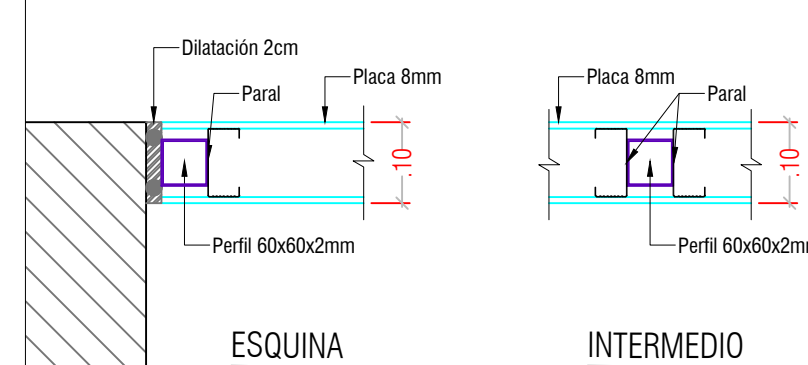
|              |                            |
|--------------|----------------------------|
| RC SECTION   | L = 0, R = 0, T = 0, B = 0 |
| PLATE SIZE   | 20x20x6t (A572-50)         |
| INSTALL TYPE | Cast-In-Place Anchor Bolt  |
| ANCHOR INFO. | 4-1/2" ( A193-B7, L=80mm ) |

DETALLE PLATINA BASE  $e=6\text{mm}$  (PI2)

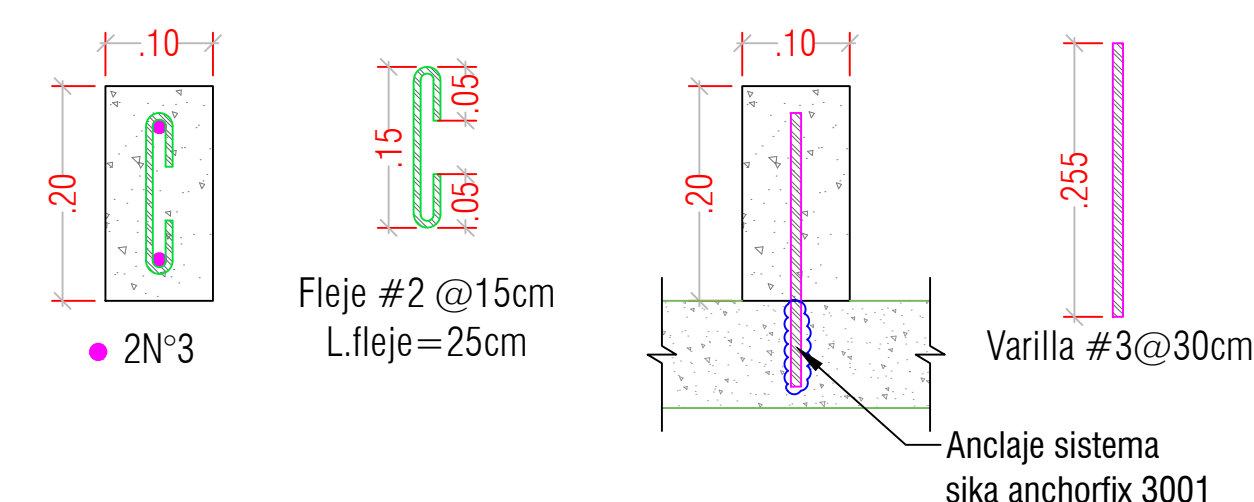


|              |                            |
|--------------|----------------------------|
| RC SECTION   | L = 0, R = 0, T = 0, B = 0 |
| PLATE SIZE   | 20x20x6t (A572-50)         |
| INSTALL TYPE | Cast-In-Place Anchor Bolt  |
| ANCHOR INFO. | 4-1/2" ( A193-B7, L=80mm ) |

| No. | Type   | Percent of total |        |     |     | L&S | L&S % | L&S of total | Avg. $\Delta T$ |
|-----|--------|------------------|--------|-----|-----|-----|-------|--------------|-----------------|
|     |        | Min              | Max    | %   | Min |     |       |              |                 |
| 1   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 2   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 3   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 4   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 5   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 6   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 7   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 8   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 9   | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 10  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 11  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 12  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 13  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 14  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 15  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 16  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 17  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 18  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 19  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 20  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 21  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 22  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 23  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 24  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 25  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 26  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 27  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 28  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 29  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 30  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 31  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 32  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 33  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 34  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 35  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 36  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 37  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 38  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 39  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 40  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 41  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 42  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 43  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 44  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 45  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 46  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 47  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 48  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 49  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 50  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 51  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 52  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 53  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 54  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 55  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 56  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 57  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 58  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 59  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 60  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 61  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 62  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 63  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 64  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 65  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 66  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 67  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 68  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 69  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 70  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 71  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 72  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 73  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 74  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 75  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 76  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 77  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 78  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 79  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 80  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 81  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 82  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 83  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 84  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 85  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 86  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 87  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 88  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 89  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 90  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 91  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 92  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 93  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 94  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 95  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 96  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 97  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 98  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 99  | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |
| 100 | 100000 | 100000           | 100000 | 100 | 100 | 100 | 100   | 0.00         |                 |



### DETALLE UNIÓN PERFIL A MURO DIVISORIO



**BORDILLO 10x20cm**