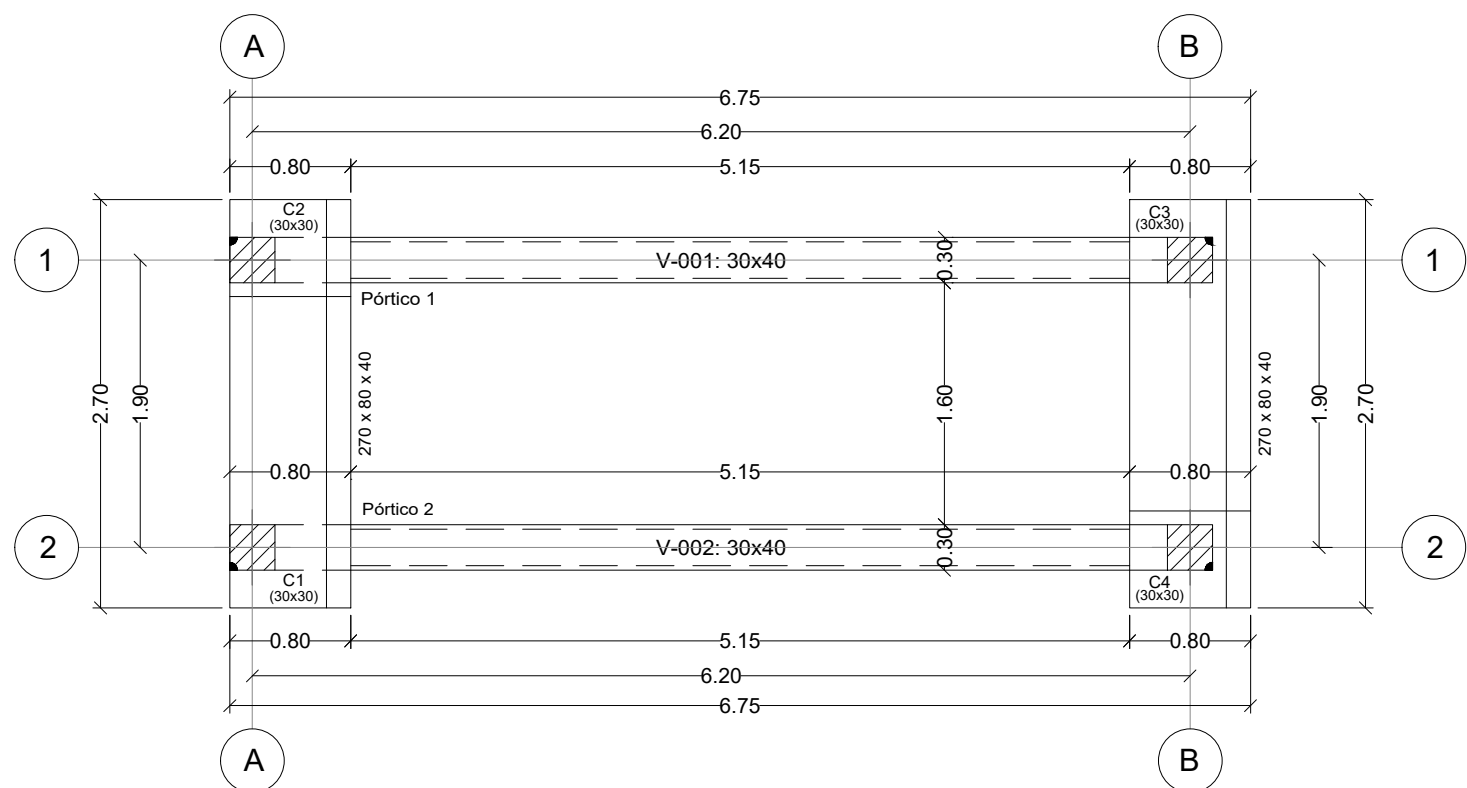
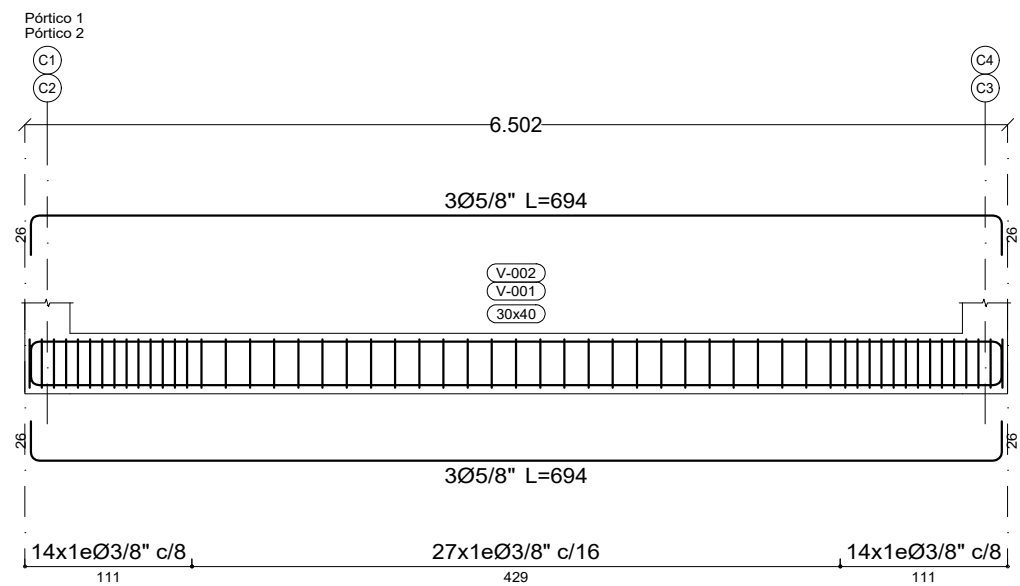
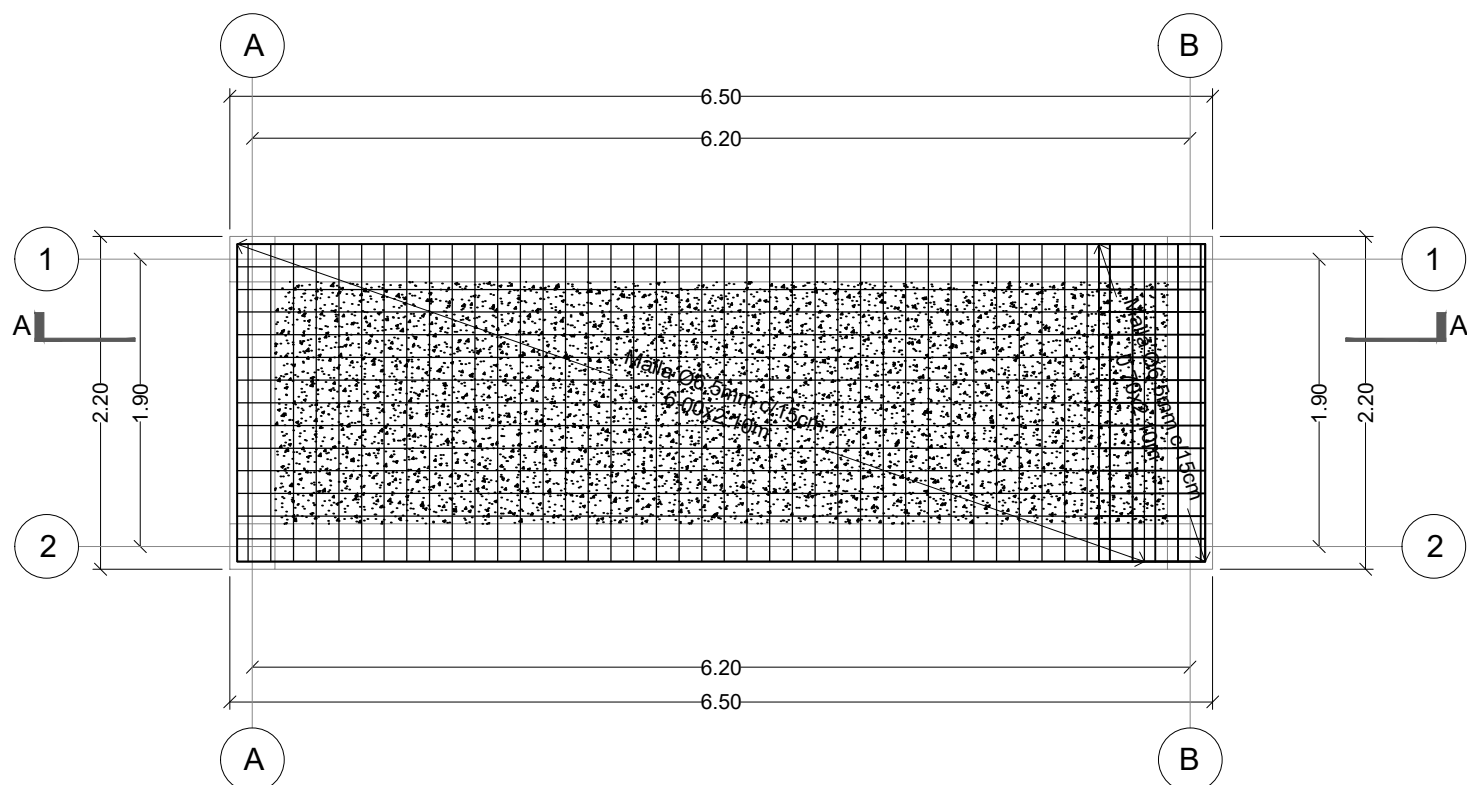




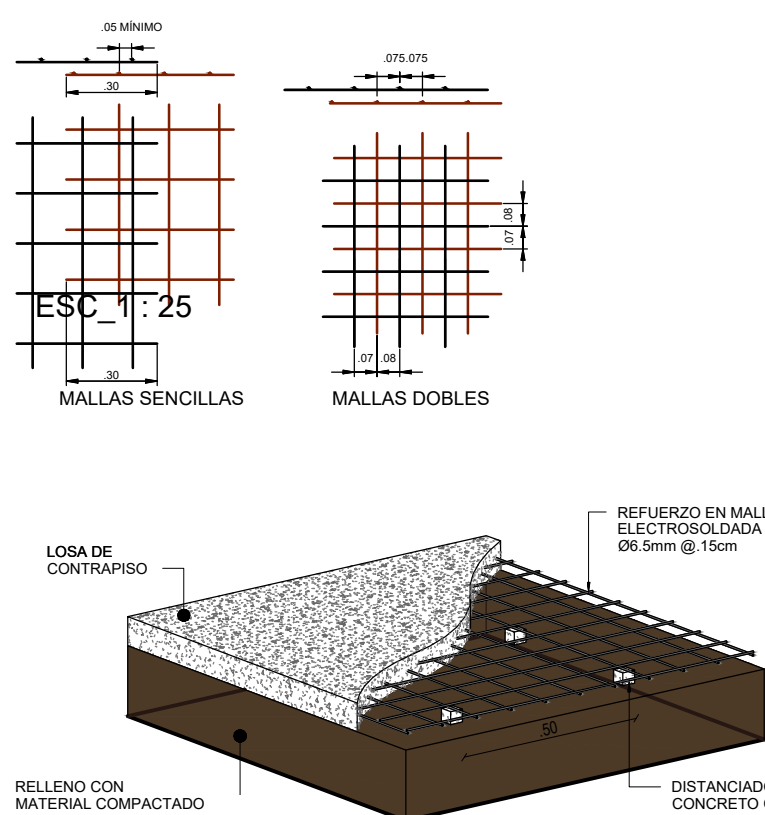
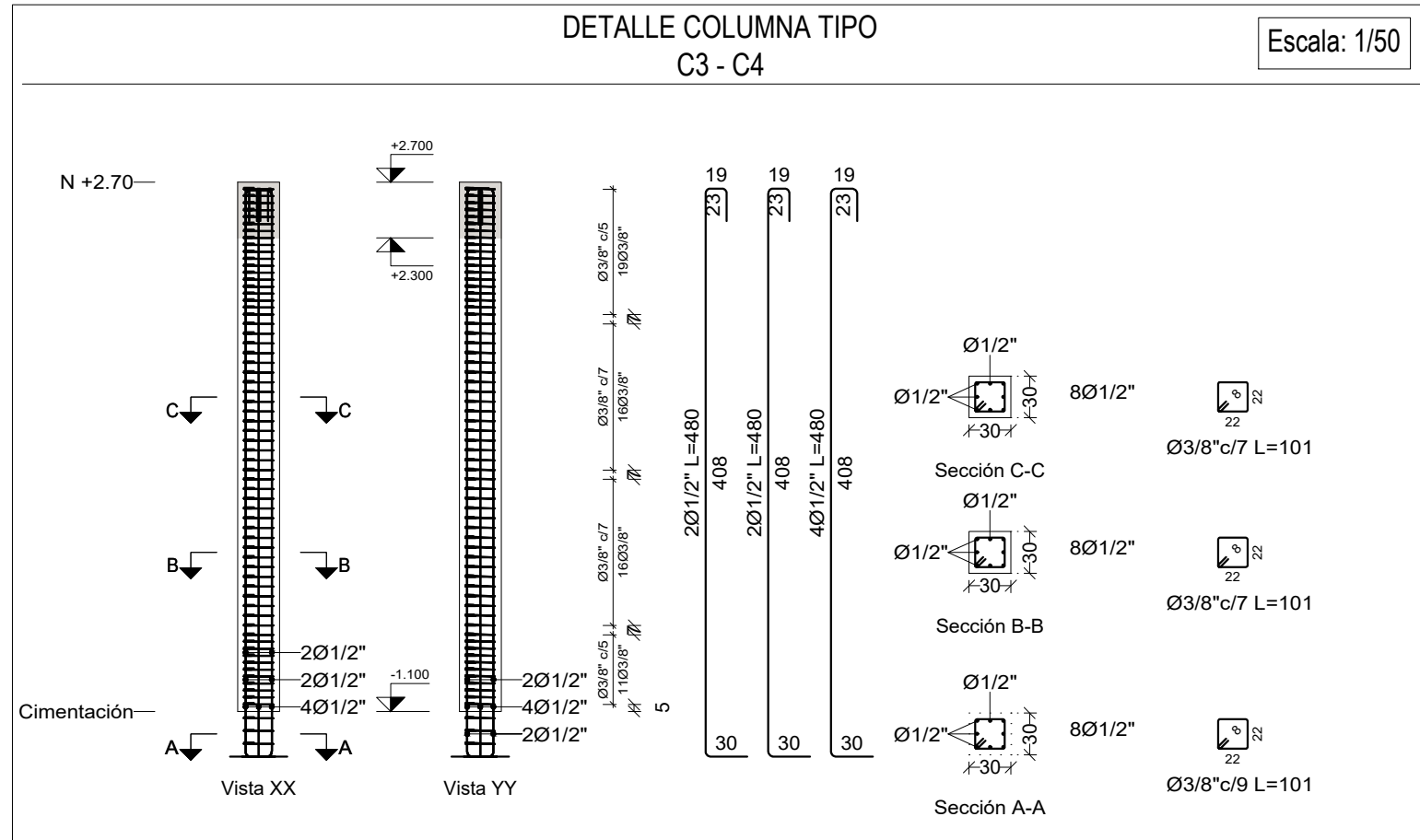
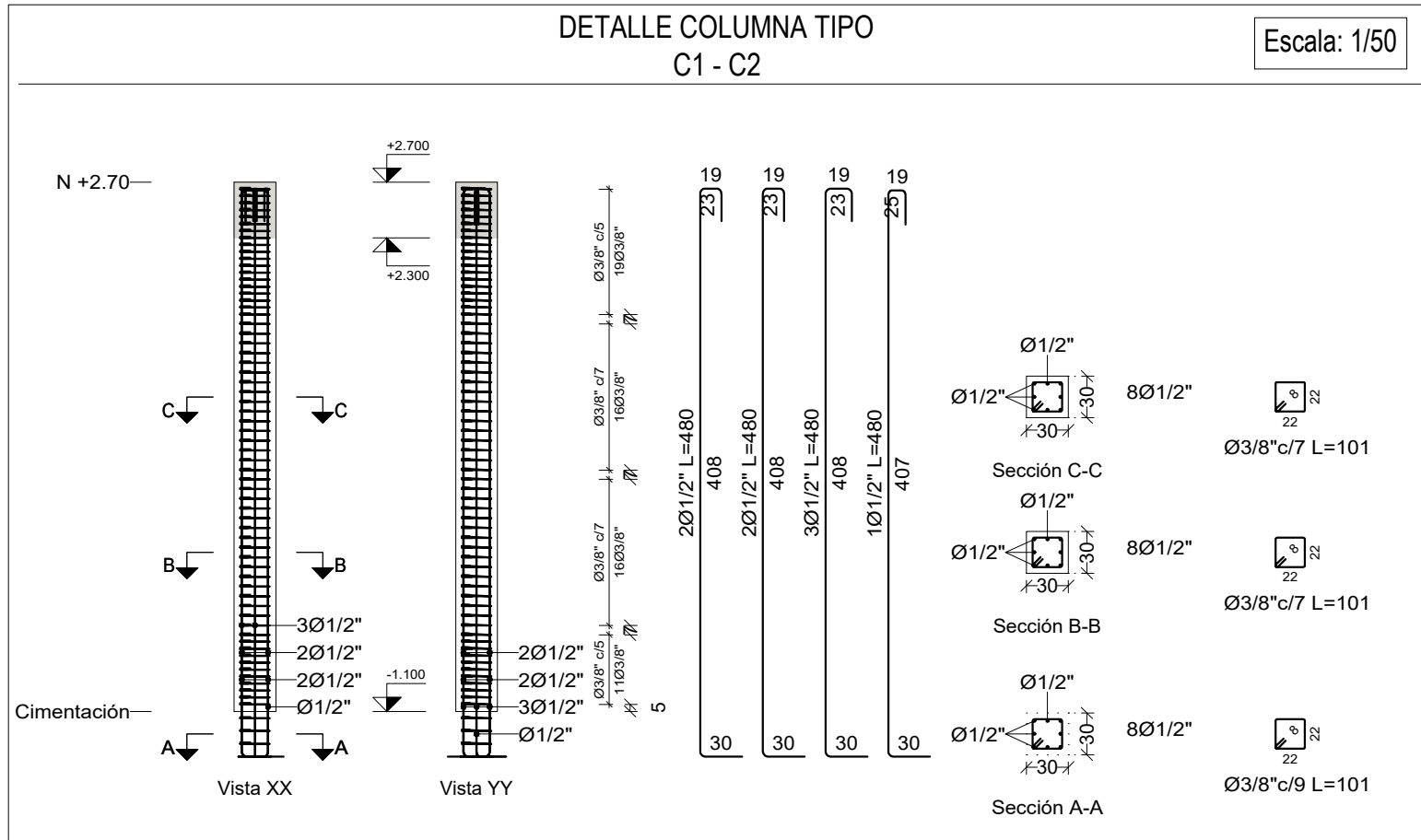
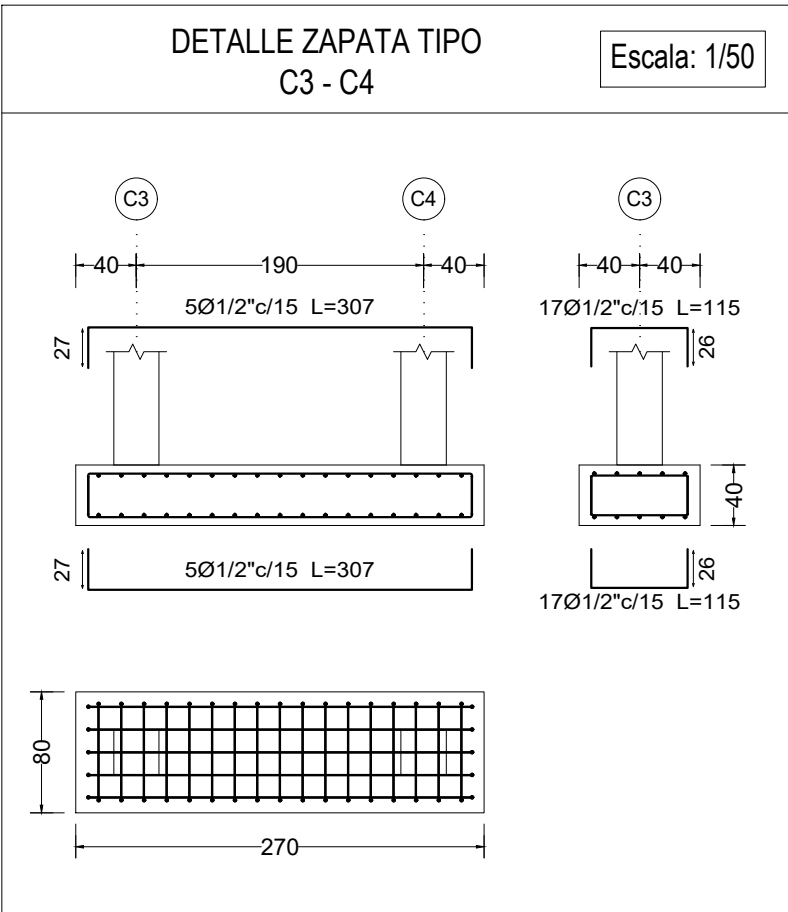
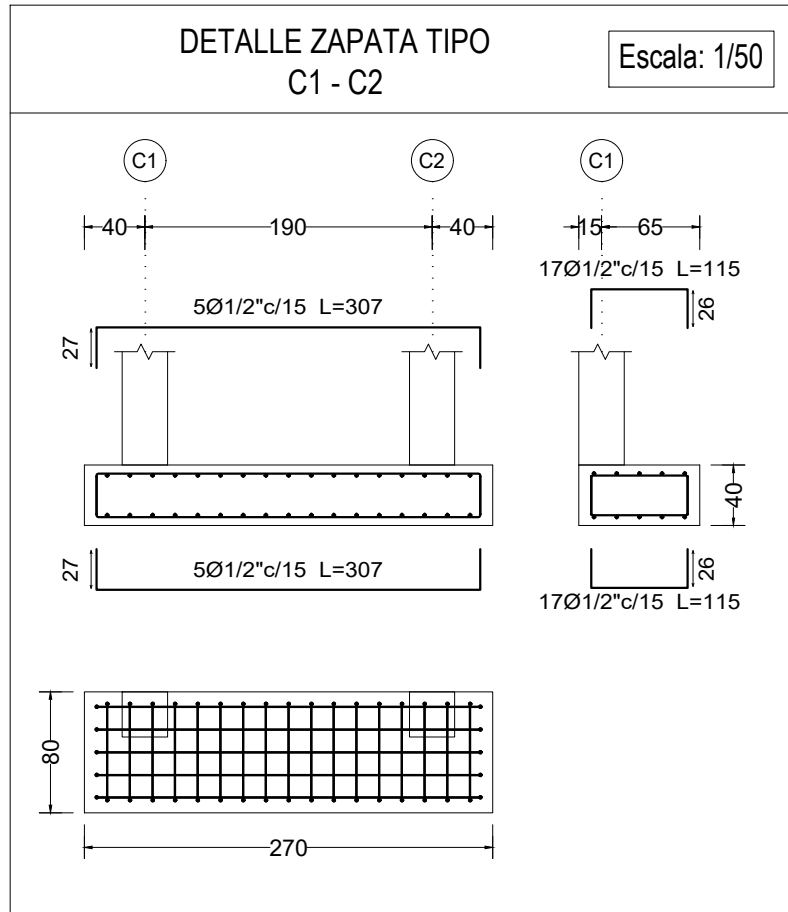
PLANTA VIGAS CIMENTACION N.E. -1.10  
ESC. 1/50



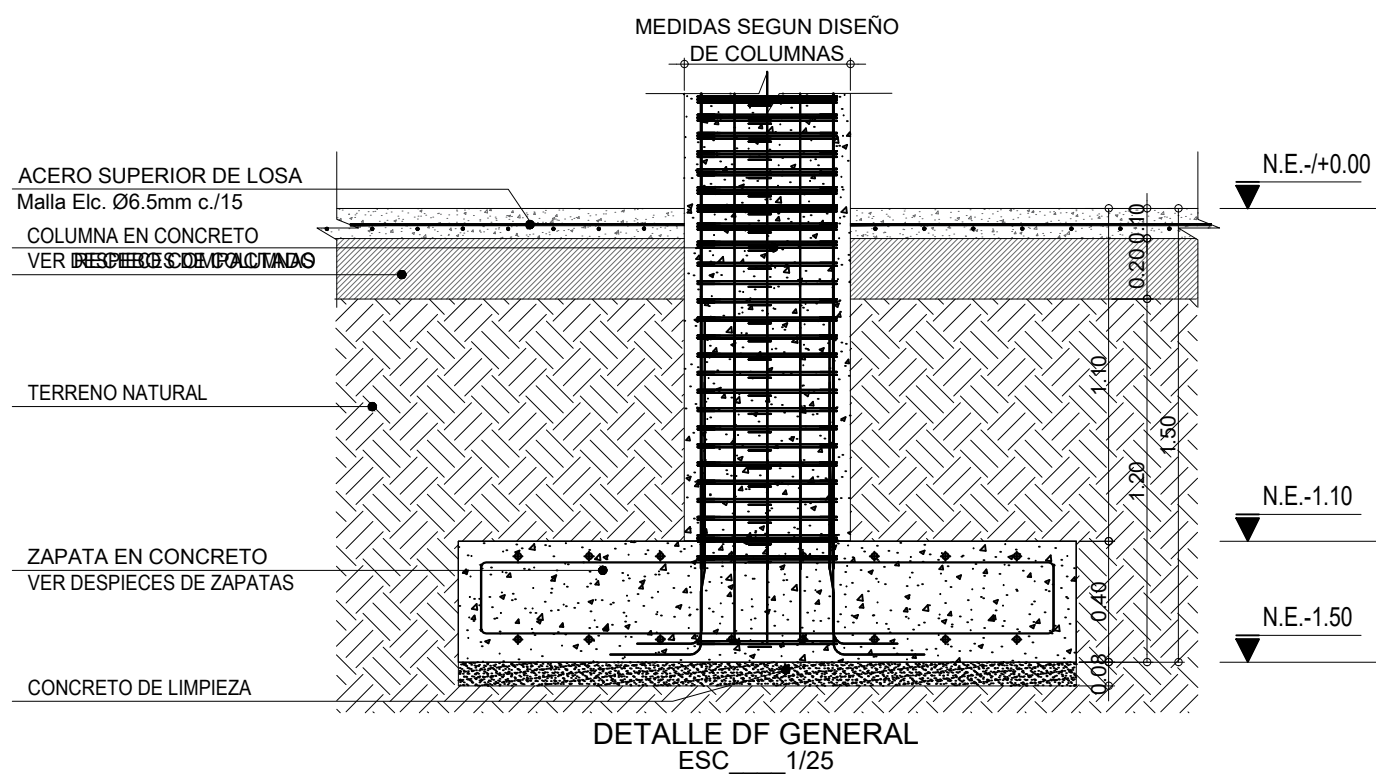
PLANTA VIGAS CUBIERTA N.E. +2.70  
ESC. 1/50



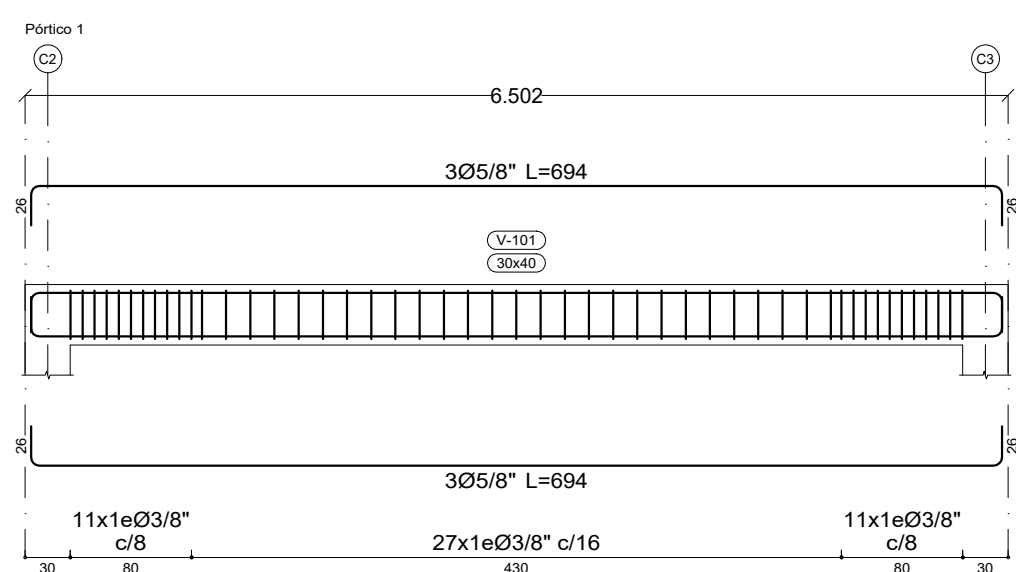
PLANTA REFUERZO INFERIOR LOSA DE CUBIERTA N.E. +2.70  
ESC. 1/50



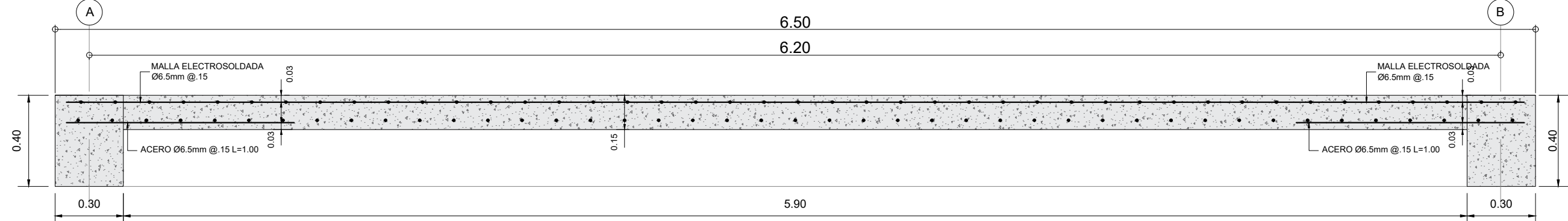
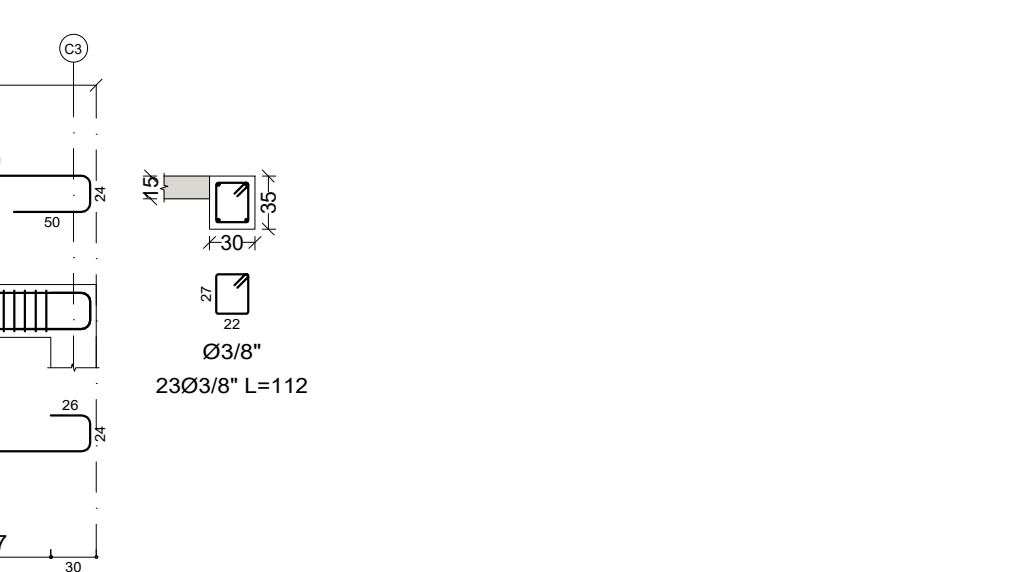
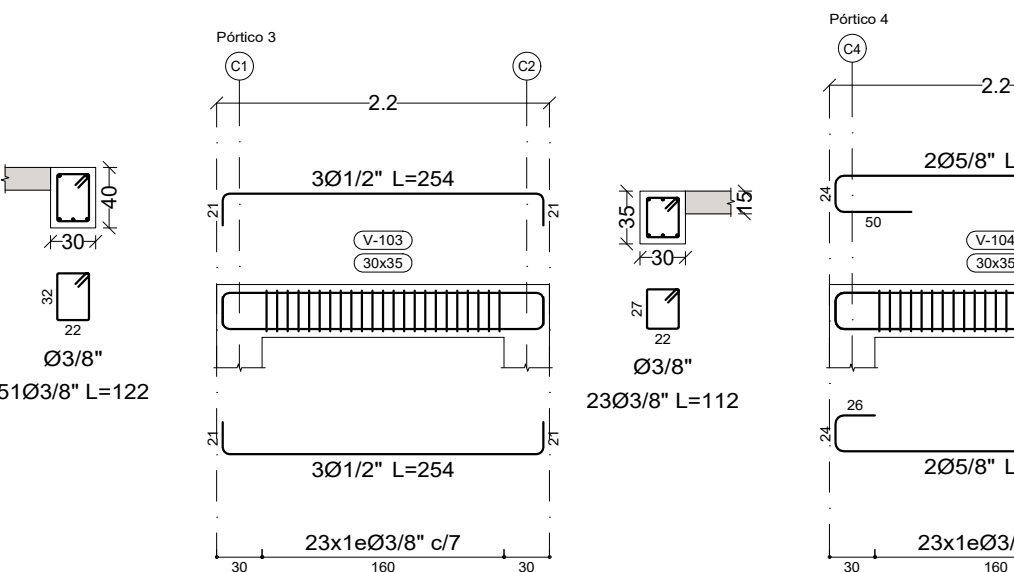
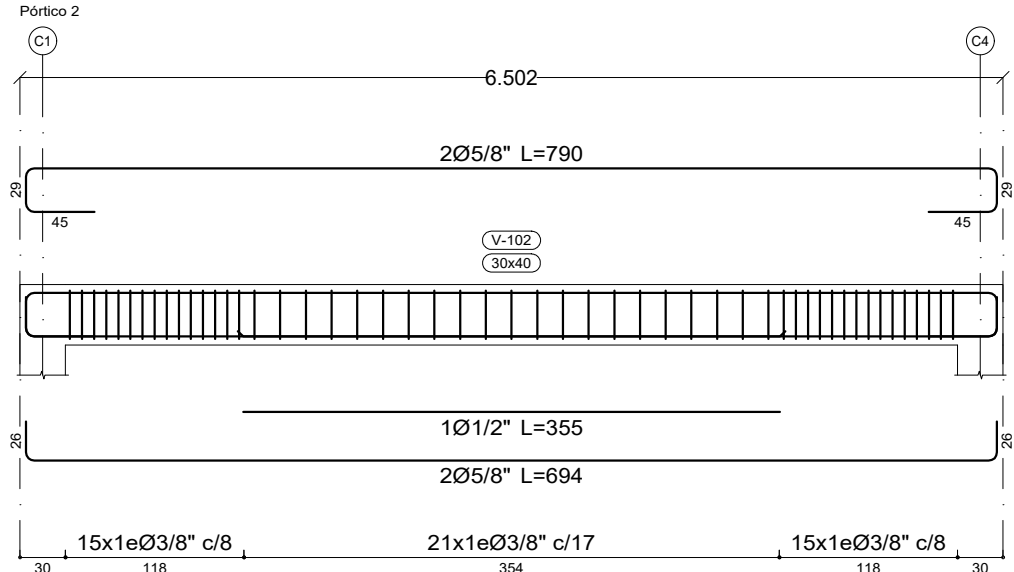
DETALLE DE LOSA DE CONTRAPISO MALLA  
ESC. 1: 25



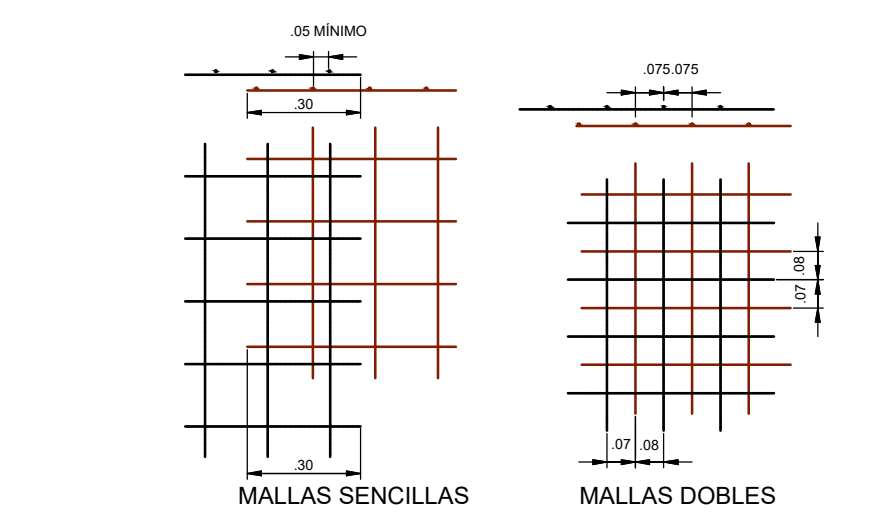
DETALLE DF GENERAL  
ESC. 1/25



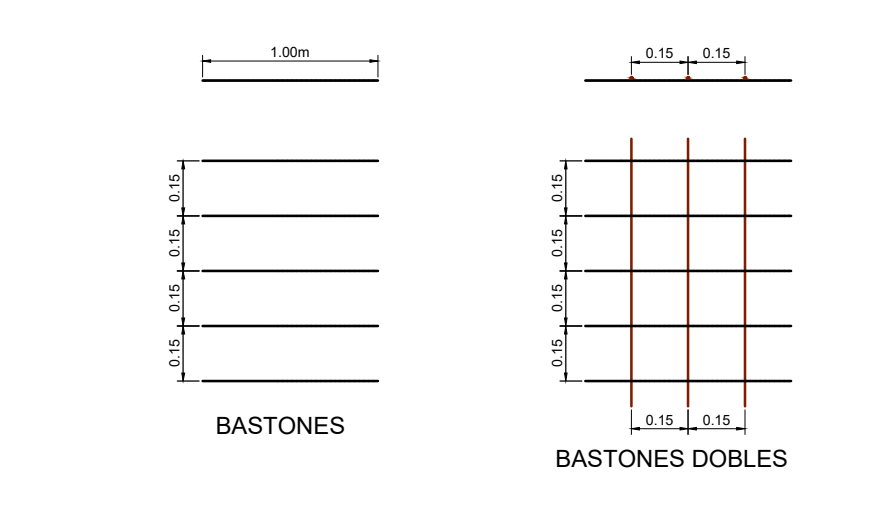
PLANTA REFUERZO SUPERIOR LOSA DE CUBIERTA N.E. +2.70  
ESC. 1/50



DETALLE SECCIÓN REFUERZO LOSA CONTRAPISO A - A  
ESC. 1/20

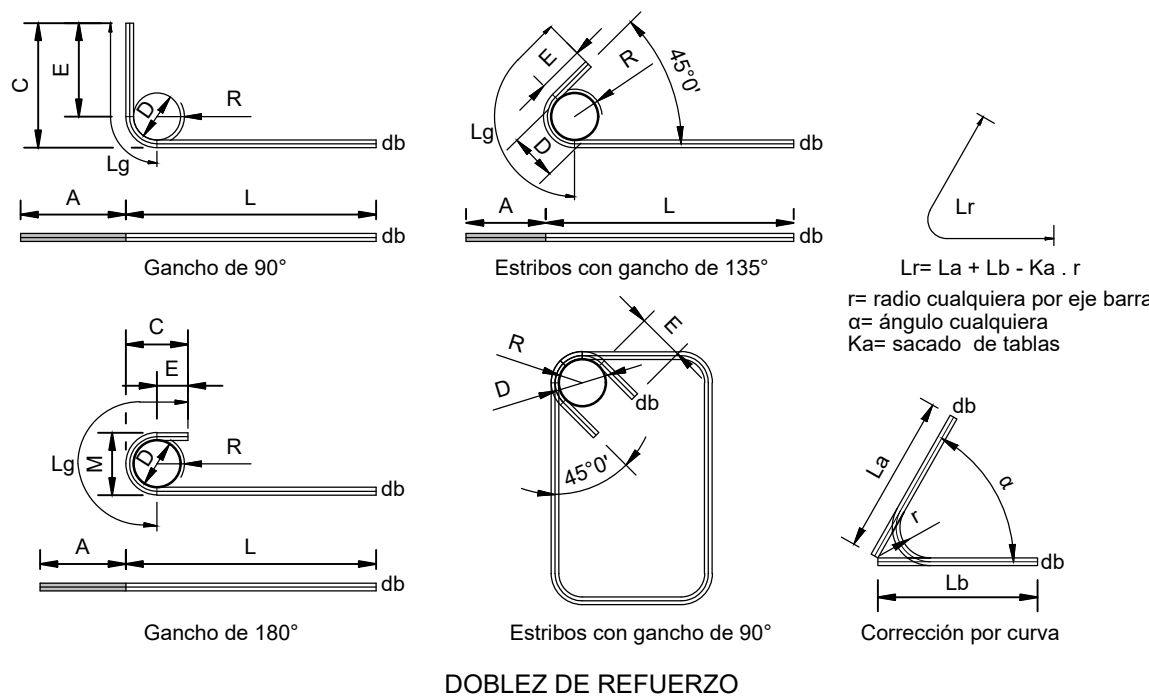


DETALLE DE LOSA DE ENTREPISO MALLA  
ESC. 1: 20

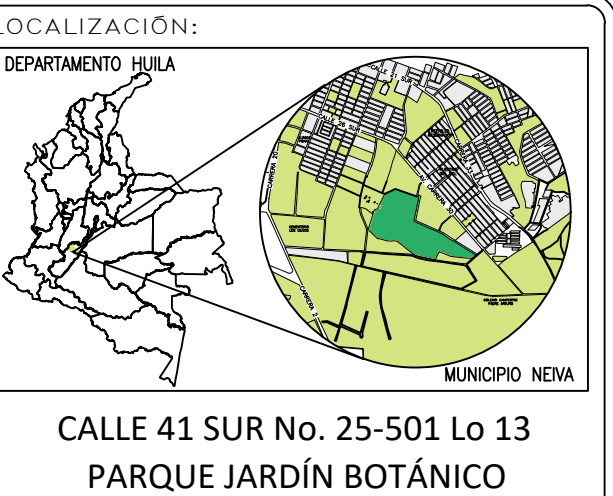


DETALLE DE LOSA DE BASTONES  
ESC. 1: 20

| DIMENSIONES MÍNIMAS PARA TRASLAPOS Y GANCHOS ESTANDAR |        |                         |            |                       |                      |                              |                     |                              |                     |
|-------------------------------------------------------|--------|-------------------------|------------|-----------------------|----------------------|------------------------------|---------------------|------------------------------|---------------------|
| PROPIEDADES DEL ACERO                                 |        |                         |            | REFUERZO LONGITUDINAL |                      | ESTRIBOS                     |                     |                              |                     |
| No                                                    | Ø      | AREA<br>cm <sup>2</sup> | PESO<br>kg | LONGITUD<br>GANCHO    | LONGITUD<br>TRASLAPO | D<br>DIÁMETRO<br>DOBLEZ (cm) | E<br>EXTENSIÓN (cm) | D<br>DIÁMETRO<br>DOBLEZ (cm) | E<br>EXTENSIÓN (cm) |
| 2                                                     | 1/4"   | 0.32                    | 0.249      | .15                   | .30                  | 3.9                          | 8                   | 2.6                          | 8                   |
| 3                                                     | 3/8"   | 0.71                    | 0.559      | .20                   | .45                  | 5.7                          | 11                  | 3.8                          | 8                   |
| 4                                                     | 1/2"   | 1.27                    | 1.000      | .25                   | .60                  | 7.7                          | 15                  | 5.1                          | 8                   |
| 5                                                     | 5/8"   | 2.00                    | 1.554      | .30                   | .70                  | 9.6                          | 20                  | 6.4                          | 10                  |
| 6                                                     | 3/4"   | 2.84                    | 2.237      | .35                   | .90                  | 11.5                         | 23                  |                              |                     |
| 7                                                     | 7/8"   | 3.87                    | 3.045      | .40                   | 1.20                 | 13.4                         | 27                  |                              |                     |
| 8                                                     | 1"     | 5.06                    | 4.000      | .45                   | 1.40                 | 15.3                         | 31                  |                              |                     |
| 9                                                     | 1 1/8" | 6.45                    | 5.060      | .50                   | 1.60                 | 23.0                         | 35                  |                              |                     |
| 10                                                    | 1 1/4" | 8.19                    | 6.400      | .55                   | 1.80                 | 25.9                         | 39                  |                              |                     |



PROYECTO:  
“CONSTRUCCIÓN DEL PARQUE DE  
CIUDAD JARDÍN BOTÁNICO DE NEIVA -  
HUILA”



CONTIENE:  
ESTRUCTURAL PUNTO DE INFORMACIÓN  
• PLANTA VIGAS DE CIMENTACION N.E. -1.10m  
• DESPIECE VIGAS DE CIMENTACION  
• DESPIECE DE ZAPATAS EN CONCRETO  
• DESPIECE DE COLUMNA  
• PLANTA VIGAS DE CUBIERTA NE+2.70m  
• DESPIECE VIGAS DE CUBIERTA  
• PLANTAS DE REFUERZO SUPERIOR E INFERIOR  
• DETALLES CONSTRUCTIVOS

DISEÑO:  
José Fernando Perdomo T.  
Ingeniero Civil  
M.P. 2520232553 CND

REVISÓ:  
Ing. Juan Camilo Rojas R.  
Ingeniero Civil  
M.P. 70202-319594 TLM

NOTAS:  
ANTES DE FUNDIR:  
• VERIFICAR MEDIDAS, NIVELES CON LOS PLANOS ARQUITECTONICOS.  
• NO SE PERMITE NINGUN CAMBIO DE DESPIECES A MENOS QUE SE AUTORIZE POR EL CALCULISTA.  
RECUBRIMIENTOS:  
CONCRETO COLOCADO CONTRA EL SUELO Y EXPUESTO PERMANETNTEMENTE A EL.....0.05m  
LOSAS Y VIGUETAS.....0.025m  
VIGAS Y COLUMNAS.....0.04m

ESCALA:  
INDICADA  
FECHA:  
MARZO DE 2026

PLANCHA No.  
E 2/3  
ARCHIVO:  
5. DISEÑO ESTRUCTURAL PUNTO DE INFORMACIÓN