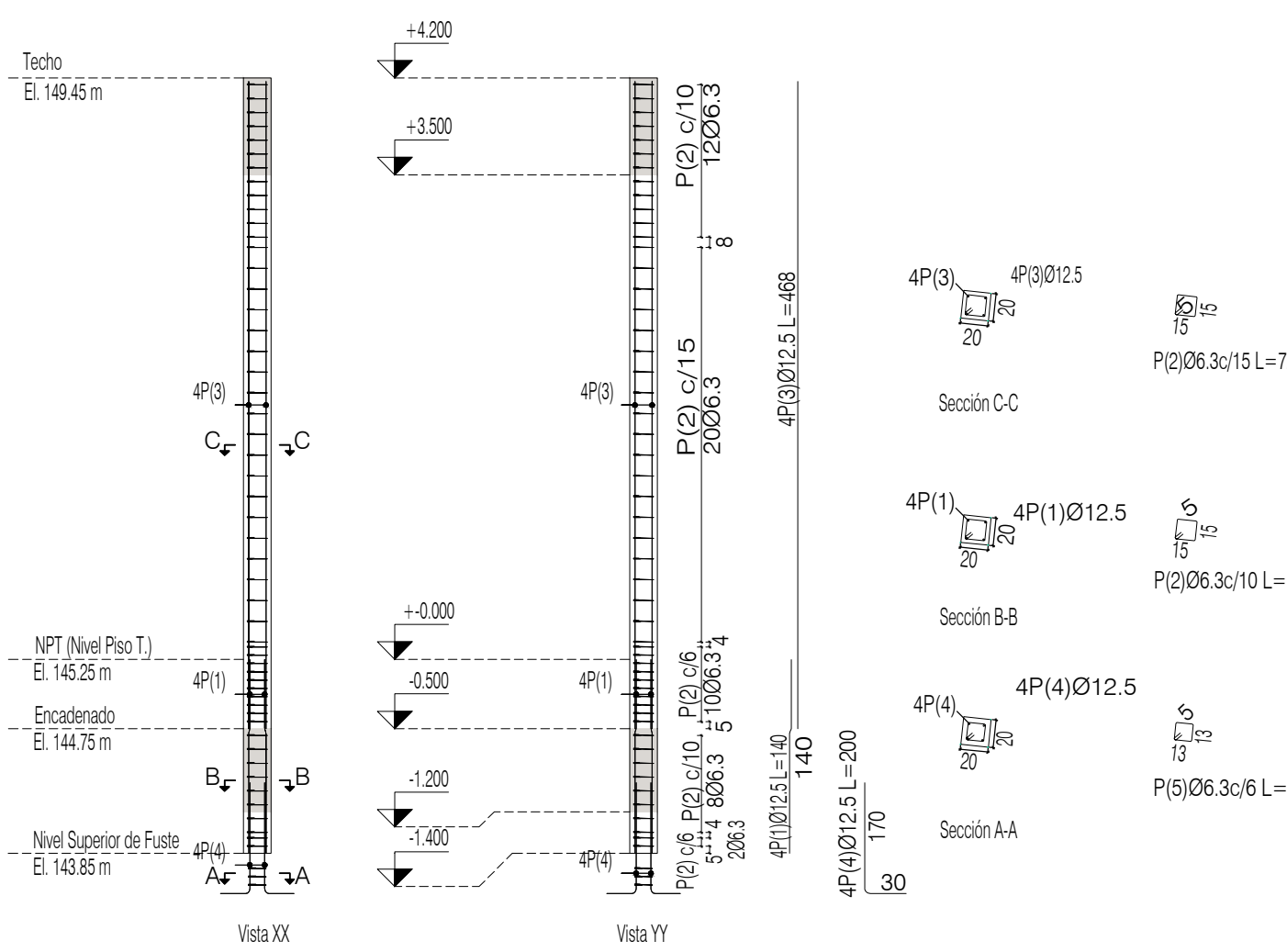


A1 + 50%  
(994x1381mm)  
A2 (50% REDUCIDA)

## PILAR P1

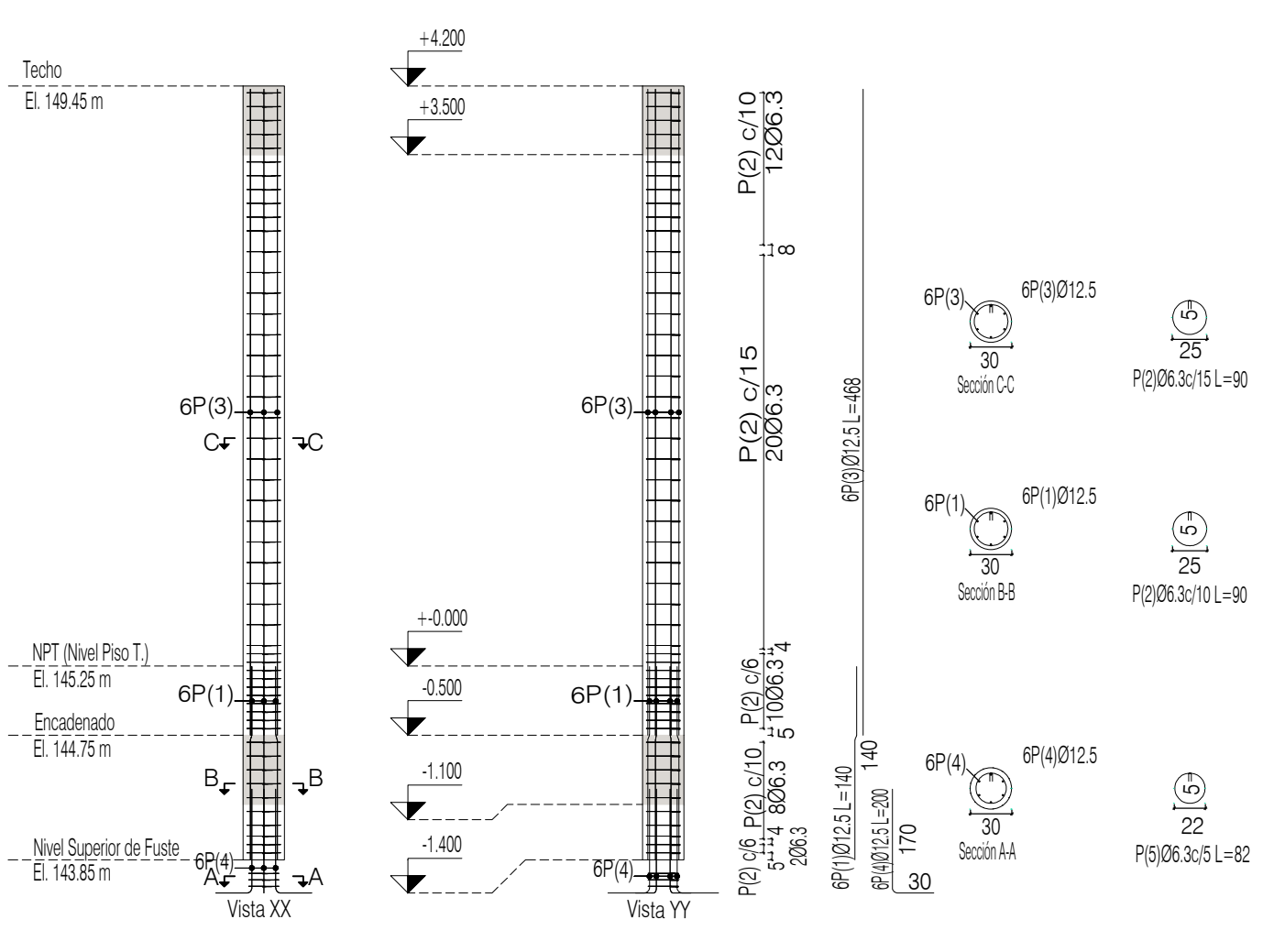
Encadenado: E:144.75 m y muere en Techo: E:148.45 m



| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | 20x20          | Volumen (m³)                              | Encofrado (m²) | 18.0              | 7.1           | 27.6             | 133.51          |
| Encadenado-El.144.75 m   |                | 0.19                                      | 3.76           | 0.04              | 0.72          | 1.7              | 197.22          |
| Total                    |                | 0.22                                      | 4.48           | 23.4              | 8.8           | 35.4             | 143.75          |

## PILAR P5

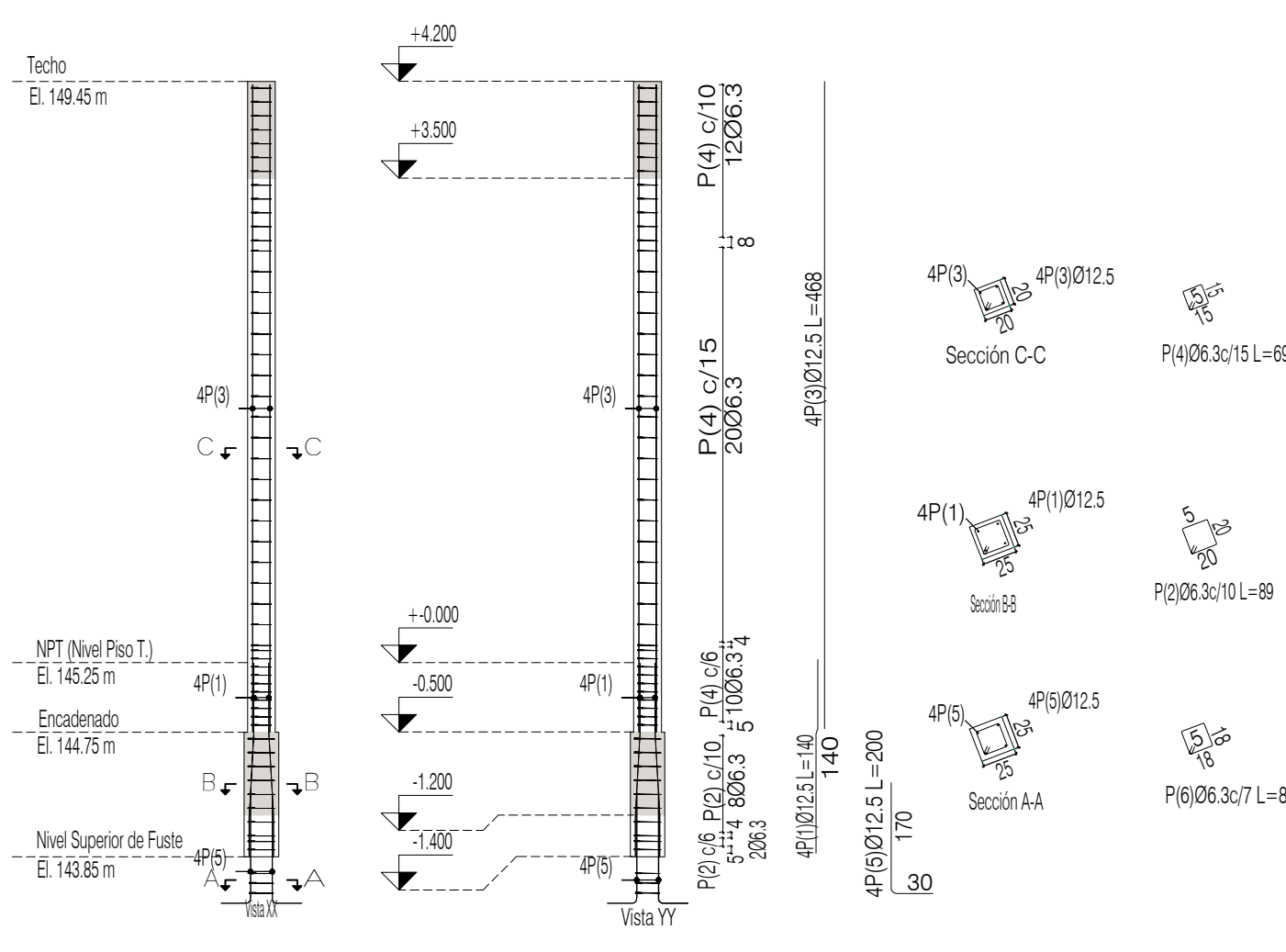
Encadenado: E:144.75 m y muere en Techo: E:148.45 m



| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | Diámetro 30    | Volumen (m³)                              | Encofrado (m²) | 27.0              | 9.0           | 39.6             | 108.36          |
| Encadenado-El.144.75 m   |                | 0.33                                      | 4.43           | 0.06              | 0.85          | 2.2              | 11.3            |
| Total                    |                | 0.40                                      | 5.28           | 35.1              | 11.2          | 50.9             | 116.97          |

## PILAR P2

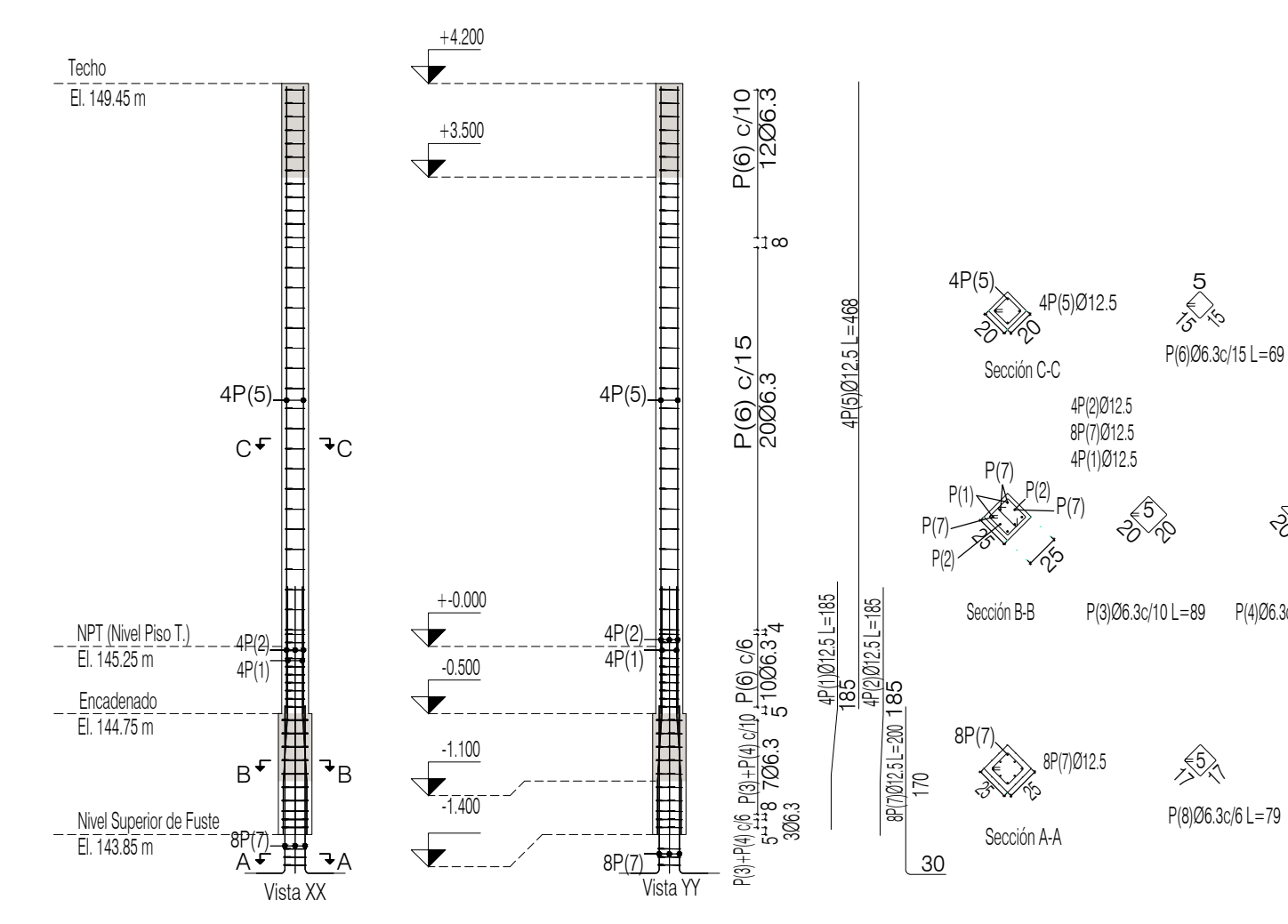
Encadenado: E:144.75 m y muere en Techo: E:148.45 m



| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | 20x20          | Volumen (m³)                              | Encofrado (m²) | 18.0              | 7.1           | 27.6             | 133.51          |
| Encadenado-El.144.75 m   |                | 0.06                                      | 0.90           | 0.04              | 0.72          | 1.7              | 197.22          |
| Total                    |                | 0.24                                      | 4.66           | 23.4              | 9.3           | 36.0             | 133.88          |

## PILAR P6

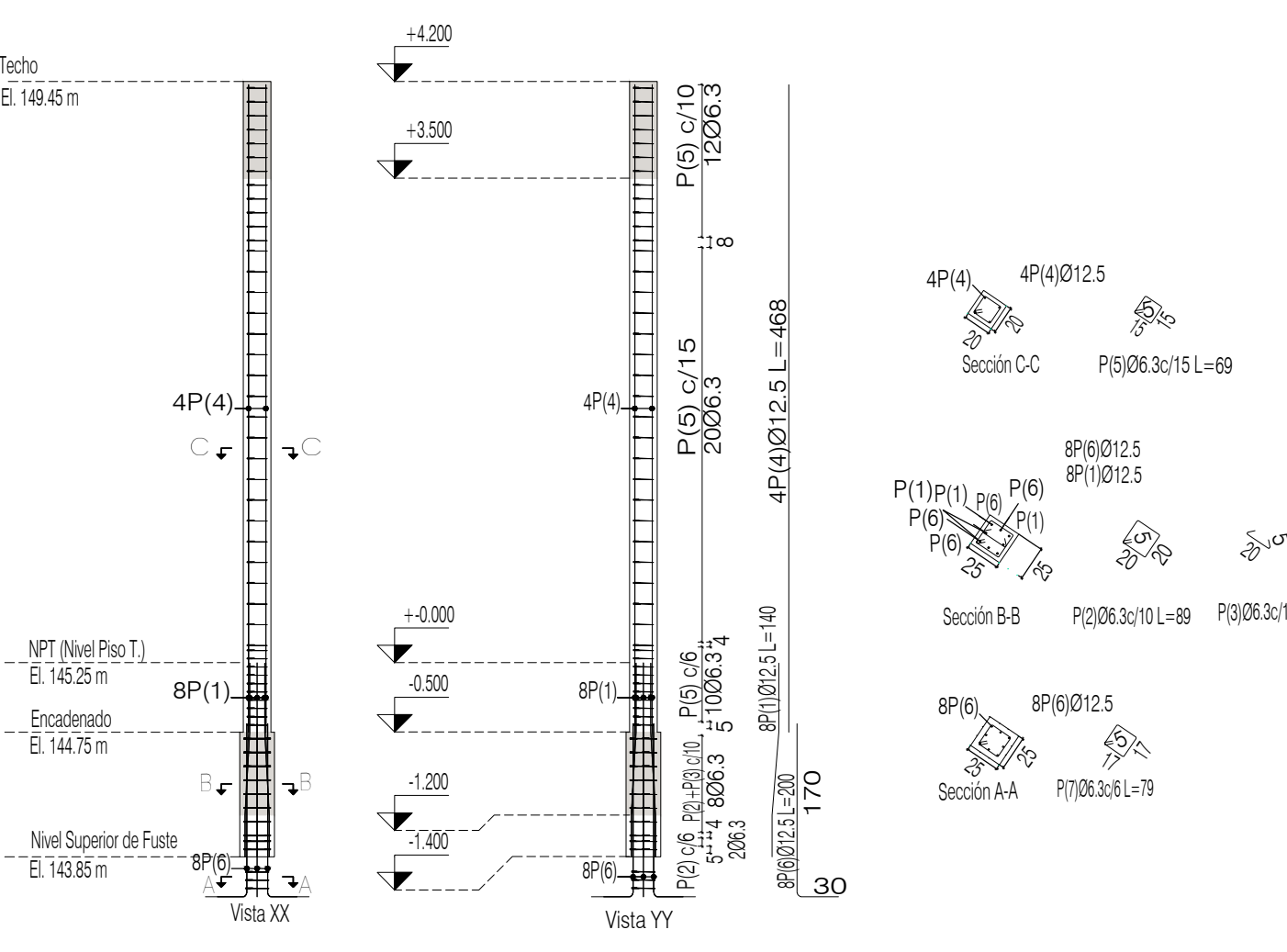
Encadenado: E:144.75 m y muere en Techo: E:148.45 m



| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | 20x20          | Volumen (m³)                              | Encofrado (m²) | 18.0              | 7.1           | 27.6             | 133.51          |
| Encadenado-El.144.75 m   |                | 0.06                                      | 0.90           | 0.04              | 0.72          | 1.7              | 197.22          |
| Total                    |                | 0.24                                      | 4.66           | 32.3              | 10.1          | 46.6             | 173.59          |

## PILAR P3

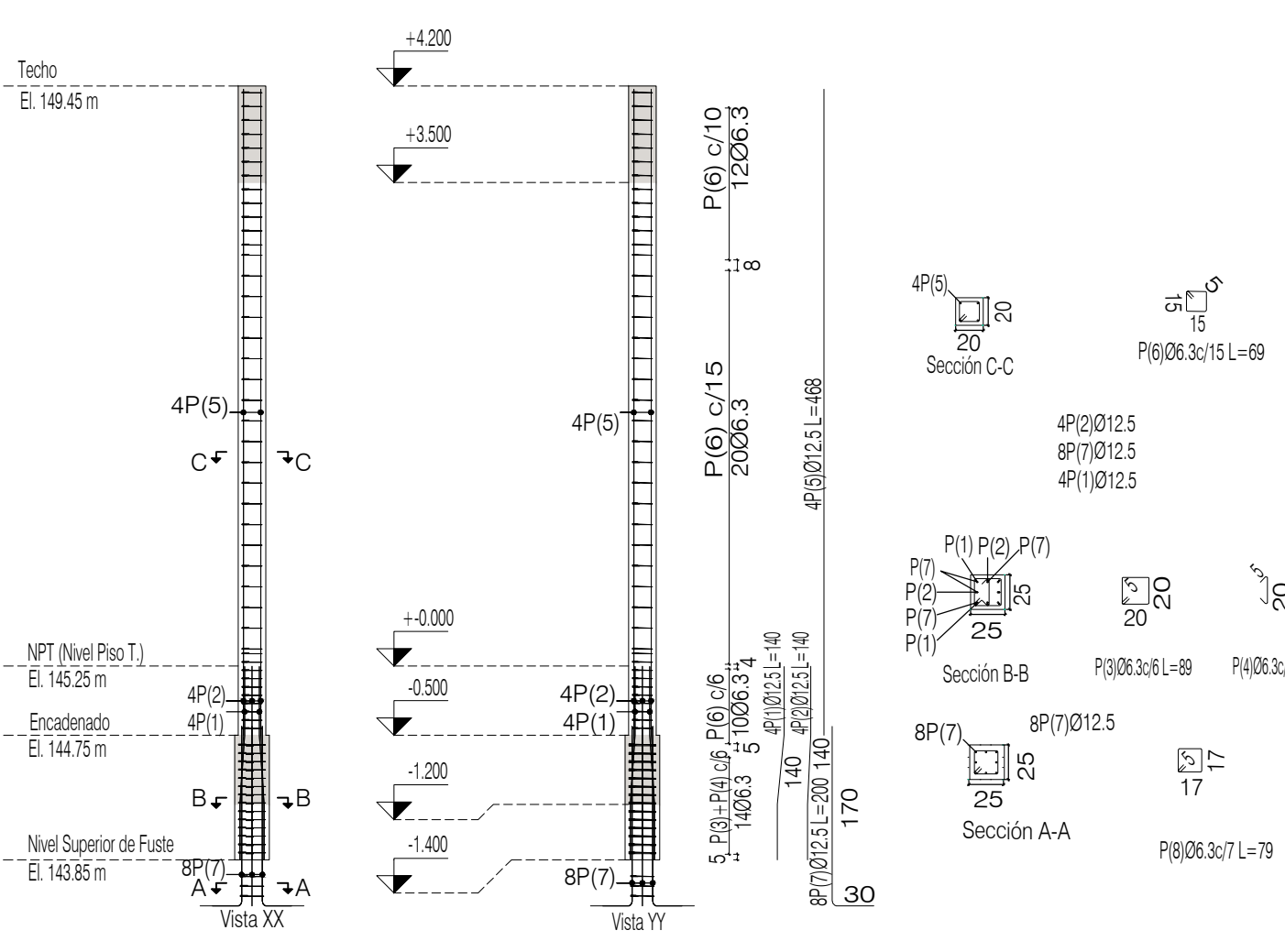
Encadenado: E:144.75 m y muere en Techo: E:148.45 m



| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | 20x20          | Volumen (m³)                              | Encofrado (m²) | 18.0              | 7.1           | 27.6             | 133.51          |
| Encadenado-El.144.75 m   |                | 0.06                                      | 0.90           | 0.04              | 0.72          | 1.7              | 197.22          |
| Total                    |                | 0.24                                      | 4.66           | 28.8              | 10.1          | 42.8             | 159.26          |

## PILAR P7

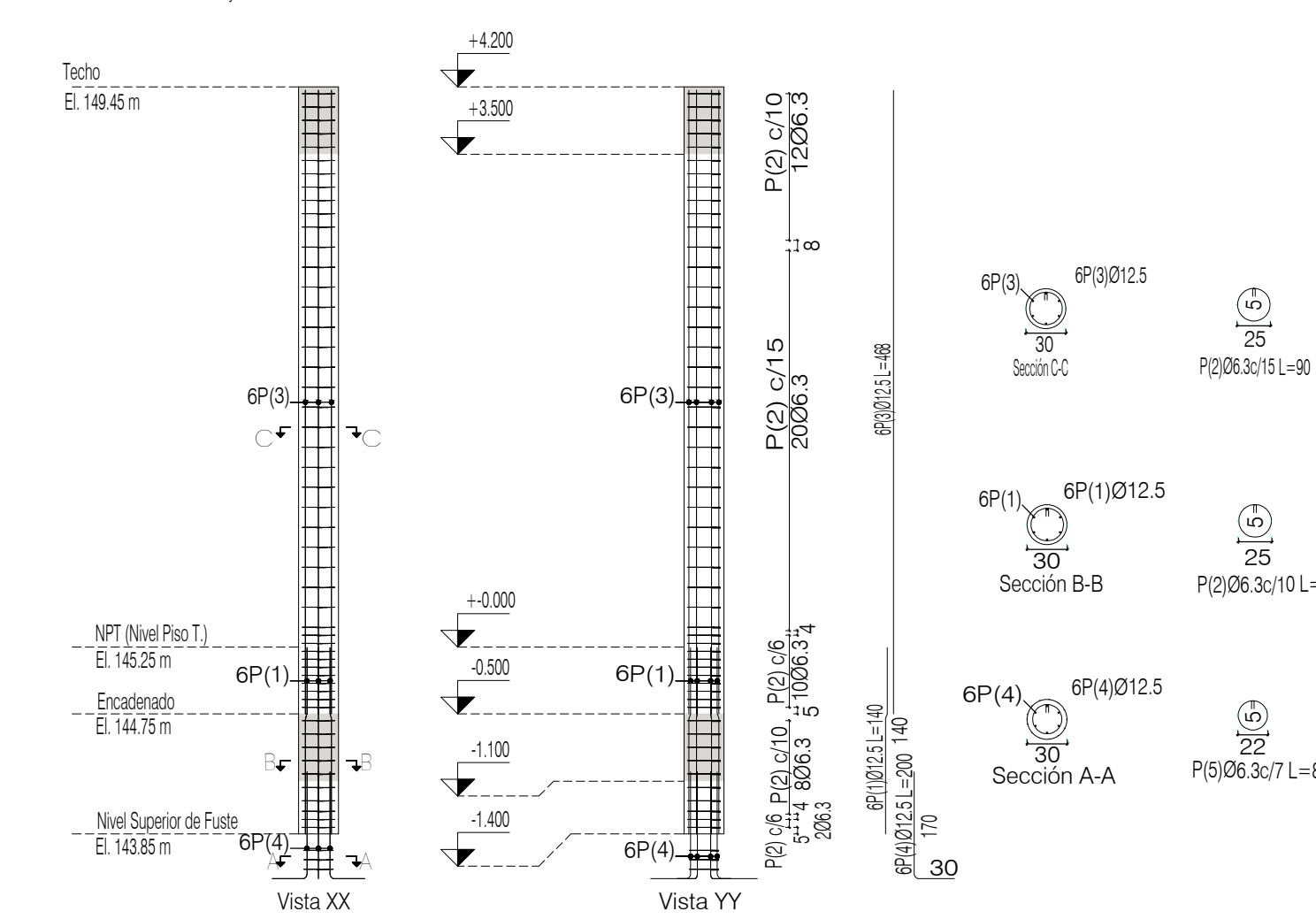
Encadenado: E:144.75 m y muere en Techo: E:148.45 m



| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | 20x20          | Volumen (m³)                              | Encofrado (m²) | 18.0              | 7.1           | 27.6             | 133.51          |
| Encadenado-El.144.75 m   |                | 0.06                                      | 0.90           | 0.04              | 0.72          | 1.7              | 197.22          |
| Total                    |                | 0.24                                      | 4.66           | 28.8              | 11.2          | 44.0             | 163.77          |

## PILAR P4=P12

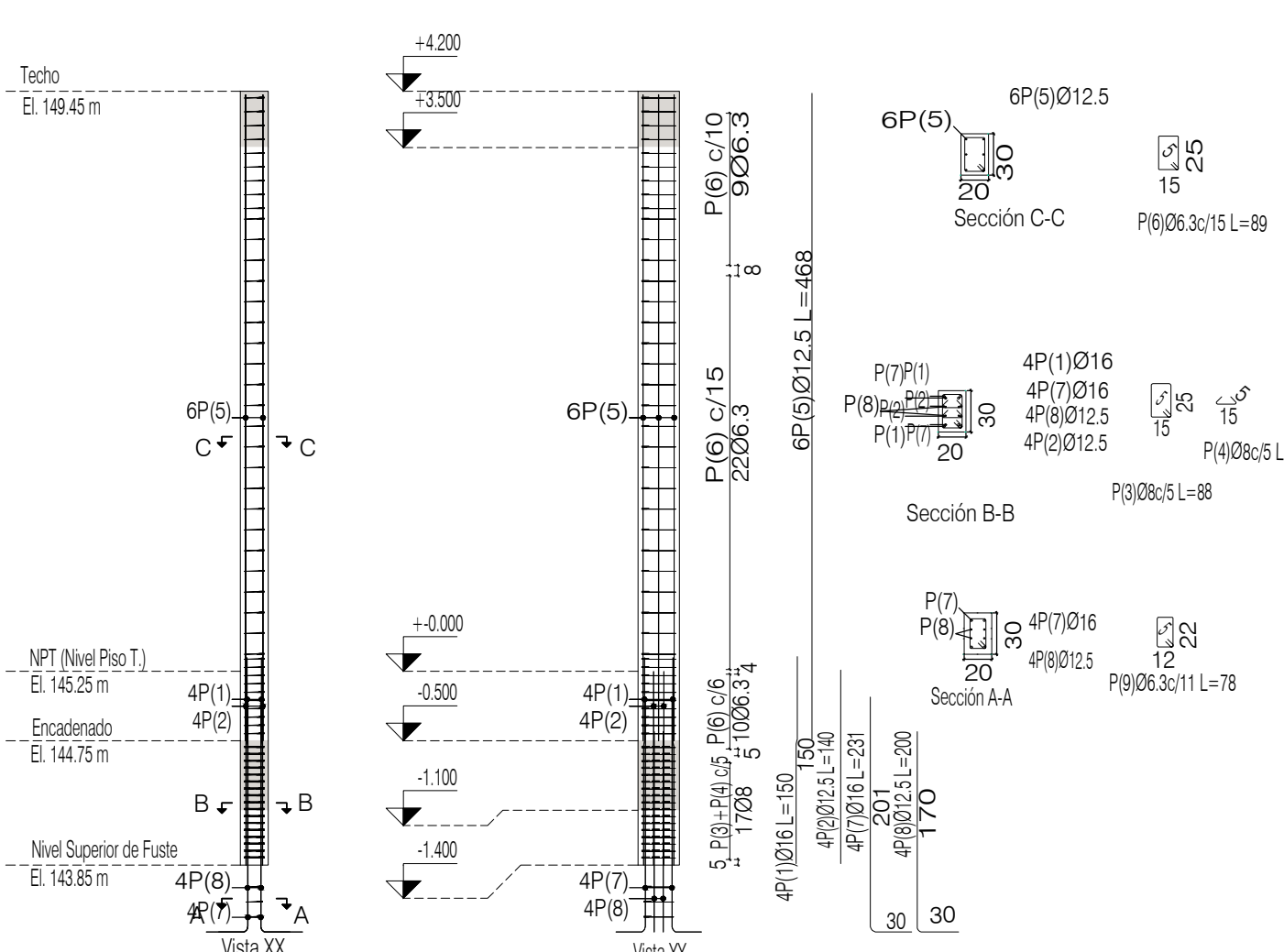
Encadenado: E:144.75 m y muere en Techo: E:148.45 m



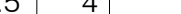
| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | Diámetro 30    | Volumen (m³)                              | Encofrado (m²) | 27.0              | 9.0           | 39.6             | 54.18           |
| Encadenado-El.144.75 m   |                | 0.66                                      | 4.43           | 0.13              | 0.85          | 2.2              | 11.3            |
| Total (x2)               |                | 1.58                                      | 10.56          | 70.3              | 22.5          | 101.8            | 58.48           |

## PILAR P8

Encadenado: E:144.75 m y muere en Techo: E:148.45 m



| Planta                   | Dimensión (cm) | Hormigón                                  |                | Armaduras CA-50   |               |                  | Cuantía (kg/m³) |
|--------------------------|----------------|-------------------------------------------|----------------|-------------------|---------------|------------------|-----------------|
|                          |                | Tipo: C25, em geral Recubrimiento: 2.5 cm |                | Longitudinal (kg) | Estribos (kg) | Total +10 % (kg) |                 |
| Techo A.C.- El. 148.90 m | 20x30          | Volumen (m³)                              | Encofrado (m²) | 27.0              | 8.9           | 39.5             | 127.30          |
| Encadenado-El.144.75 m   |                | 0.29                                      | 4.70           | 0.05              | 0.90          | 14.9             | 26.8            |
| Total                    |                | 0.34                                      | 5.60           | 41.9              | 18.5          | 66.3             | 179.46          |

| Elemento           | Pos. | Diám. | No. | Esquema<br>(cm)                                                                   | Long.<br>(cm) | Total<br>(cm) | CA-50<br>(kg) |
|--------------------|------|-------|-----|-----------------------------------------------------------------------------------|---------------|---------------|---------------|
| P1<br>(VER NOTA 5) | 1    | Ø12.5 | 4   |  | 140           | 560           | 5.4           |
|                    | 2    | Ø6.3  | 52  |  | 69            | 3588          | 8.8           |
|                    | 3    | Ø12.5 | 4   |  | 468           | 1872          | 18.0          |
|                    | 4    | Ø12.5 | 4   |  | 200           | 800           | 7.7           |
|                    | 5    | Ø6.3  | 3   |  | 62            | 186           | 0.5           |
|                    |      |       |     |                                                                                   |               | Total +10%:   |               |

| Elemento        | Pos. | Diám. | No. | Esquema (cm) | Long. (cm) | Total (cm) | CA-50 (kg) |
|-----------------|------|-------|-----|--------------|------------|------------|------------|
| P2 (VER NOTA 5) | 1    | Ø12.5 | 4   | 30 60 50     | 140        | 560        | 5.4        |
|                 | 2    | Ø6.3  | 10  | 20           | 89         | 890        | 2.2        |
|                 | 3    | Ø12.5 | 4   | 468          | 468        | 1872       | 18.0       |
|                 | 4    | Ø6.3  | 42  | 15           | 69         | 2898       | 7.1        |
|                 | 5    | Ø12.5 | 4   | 170          | 200        | 800        | 7.7        |
|                 | 6    | Ø6.3  | 3   | 18           | 82         | 246        | 0.6        |
|                 |      |       |     |              | Total +10% | 41.9       |            |
|                 |      |       |     |              | Ø6.3:      | 10.9       |            |
|                 |      |       |     |              | Ø12.5:     | 31.0       |            |
|                 |      |       |     |              | Total:     | 41.9       |            |

| Elemento        | Pos. | Diám. | No. | Esquema (cm) | Long. (cm) | Total (cm) | CA-50 (kg) |
|-----------------|------|-------|-----|--------------|------------|------------|------------|
| P3 (VER NOTA 5) | 1    | Ø12.5 | 8   | 30 60 50     | 140        | 1120       | 10.8       |
|                 | 2    | Ø6.3  | 10  | 20           | 89         | 890        | 2.2        |
|                 | 3    | Ø6.3  | 10  | 20           | 32         | 320        | 0.8        |
|                 | 4    | Ø12.5 | 4   | 468          | 468        | 1872       | 18.0       |
|                 | 5    | Ø6.3  | 42  | 15           | 69         | 2898       | 7.1        |
|                 | 6    | Ø12.5 | 8   | 170          | 200        | 1600       | 15.4       |
|                 | 7    | Ø6.3  | 3   | 17           | 79         | 237        | 0.6        |
|                 |      |       |     |              | Total +10% | 53.0       |            |
|                 |      |       |     |              | Ø6.3:      | 11.7       |            |
|                 |      |       |     |              | Ø12.5:     | 41.3       |            |
|                 |      |       |     |              | Total:     | 53.0       |            |

| Elemento            | Pos. | Diám. | No. | Esquema (cm) | Long. (cm) | Total (cm) | CA-50 (kg) |
|---------------------|------|-------|-----|--------------|------------|------------|------------|
| P4=P12 (VER NOTA 5) | 1    | Ø12.5 | 6   | 87 50        | 140        | 840        | 8.1        |
|                     | 2    | Ø6.3  | 51  | 25 5         | 90         | 4590       | 11.2       |
|                     | 3    | Ø12.5 | 6   | 468          | 468        | 2808       | 27.0       |
|                     | 4    | Ø12.5 | 6   | 170          | 200        | 1200       | 11.6       |
|                     | 5    | Ø6.3  | 3   | 22 5         | 82         | 246        | 0.6        |
|                     |      |       |     |              | Total +10% | 58.9       |            |
|                     |      |       |     |              | (x2):      | 117.8      |            |
|                     |      |       |     |              | Ø6.3:      | 25.8       |            |
|                     |      |       |     |              | Ø12.5:     | 92.0       |            |
|                     |      |       |     |              | Total:     | 117.8      |            |

| Elemento        | Pos. | Diám. | No. | Esquema (cm) | Long. (cm) | Total (cm) | CA-50 (kg) |
|-----------------|------|-------|-----|--------------|------------|------------|------------|
| P5 (VER NOTA 5) | 1    | Ø12.5 | 6   | 87 50        | 140        | 840        | 8.1        |
|                 | 2    | Ø6.3  | 51  | 25 5         | 90         | 4590       | 11.2       |
|                 | 3    | Ø12.5 | 6   | 468          | 468        | 2808       | 27.0       |
|                 | 4    | Ø12.5 | 6   | 170          | 200        | 1200       | 11.6       |
|                 | 5    | Ø6.3  | 3   | 22 5         | 82         | 246        | 0.6        |
|                 |      |       |     |              | Total +10% | 58.9       |            |
|                 |      |       |     |              | Ø6.3:      | 13.0       |            |
|                 |      |       |     |              | Ø12.5:     | 45.9       |            |
|                 |      |       |     |              | Total:     | 58.9       |            |

| Elemento        | Pos. | Diám. | No. | Esquema (cm) | Long. (cm) | Total (cm) | CA-50 (kg) |
|-----------------|------|-------|-----|--------------|------------|------------|------------|
| P6 (VER NOTA 5) | 1    | Ø12.5 | 4   | 40 50 95     | 185        | 740        | 7.1        |
|                 | 2    | Ø12.5 | 4   | 40 50 95     | 185        | 740        | 7.1        |
|                 | 3    | Ø6.3  | 10  | 20           | 89         | 890        | 2.2        |
|                 | 4    | Ø6.3  | 10  | 20           | 32         | 320        | 0.8        |
|                 | 5    | Ø12.5 | 4   | 468          | 468        | 1872       | 18.0       |
|                 | 6    | Ø6.3  | 42  | 15           | 69         | 2898       | 7.1        |
|                 | 7    | Ø12.5 | 8   | 170          | 200        | 1600       | 15.4       |
|                 | 8    | Ø6.3  | 3   | 17           | 79         | 237        | 0.6        |
|                 |      |       |     |              | Total +10% | 56.7       |            |
|                 |      |       |     |              | Ø6.3:      | 11.8       |            |
|                 |      |       |     |              | Ø12.5:     | 44.9       |            |
|                 |      |       |     |              | Total:     | 56.7       |            |

| P1 (VER NOTA 5)     | Pos. | Diám. | No. | Long. (cm) | Total (cm) |
|---------------------|------|-------|-----|------------|------------|
|                     | 1    | Ø12.5 | 4   | 140        | 560        |
|                     | 2    | Ø6.3  | 52  | 69         | 3588       |
|                     | 3    | Ø12.5 | 4   | 468        | 1872       |
| P2 (VER NOTA 5)     | Pos. | Diám. | No. | Long. (cm) | Total (cm) |
|                     | 1    | Ø12.5 | 4   | 140        | 560        |
|                     | 2    | Ø6.3  | 10  | 89         | 890        |
|                     | 3    | Ø12.5 | 4   | 468        | 1872       |
| P3 (VER NOTA 5)     | Pos. | Diám. | No. | Long. (cm) | Total (cm) |
|                     | 1    | Ø12.5 | 8   | 140        | 1120       |
|                     | 2    | Ø6.3  | 10  | 89         | 890        |
|                     | 3    | Ø6.3  | 10  | 32         | 320        |
| P4=P12 (VER NOTA 5) | Pos. | Diám. | No. | Long. (cm) | Total (cm) |
|                     | 1    | Ø12.5 | 6   | 140        | 840        |
|                     | 2    | Ø6.3  | 51  | 90         | 4590       |
|                     | 3    | Ø12.5 | 6   | 468        | 2808       |
| P5 (VER NOTA 5)     | Pos. | Diám. | No. | Long. (cm) | Total (cm) |
|                     | 1    | Ø12.5 | 6   | 140        | 840        |
|                     | 2    | Ø6.3  | 51  | 90         | 4590       |
|                     | 3    | Ø12.5 | 6   | 468        | 2808       |
|                     | 4    | Ø12.5 | 6   | 200        | 1200       |

## DOCUMENTOS COMPLEMENTARIOS

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| -Estructura -Planta de Fundación.....                   | 3832-DC-J7830-E |
| -Estructura -Viga de Fundaciones.....                   | 3832-DC-J7831-E |
| -Estructura -Secciones y niveles.....                   | 3832-DC-J7833-E |
| -Estructura -Pilares P9 al P11 - P13 al P17 - P22.....  | 3832-DC-J7845-E |
| -Estructura -Pilares P18 al P21 - P23 al P27 - P27..... | 3832-DC-J7846-E |
| -Estructura -Pilares P29 al P37 - P58 - P63 - P86 ..... | 3832-DC-J7847-E |
| -Estructura -Pilares P38 al P57 - P59.....              | 3832-DC-J7848-E |
| -Estructura -Pilares P60 al P62 - P65 - P68 al P70..... | 3832-DC-J7849-E |
| -Estructura -Pilares P71 al P79.....                    | 3832-DC-J7850-E |
| -Estructura -Pilares P34 - P80 al P85.....              | 3832-DC-J7851-E |