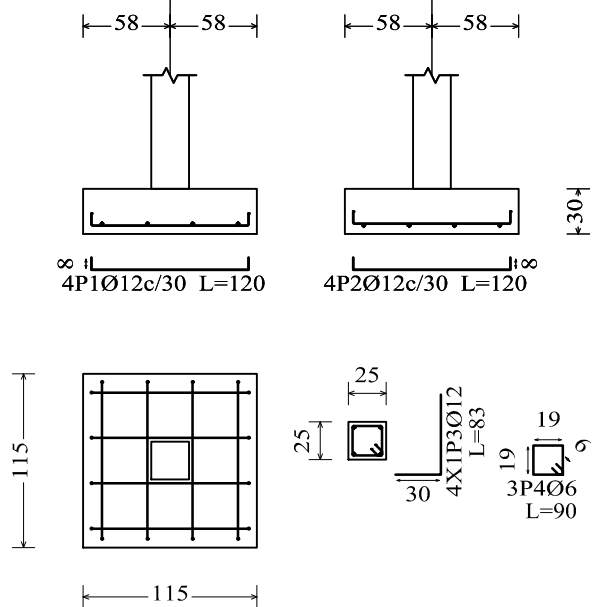
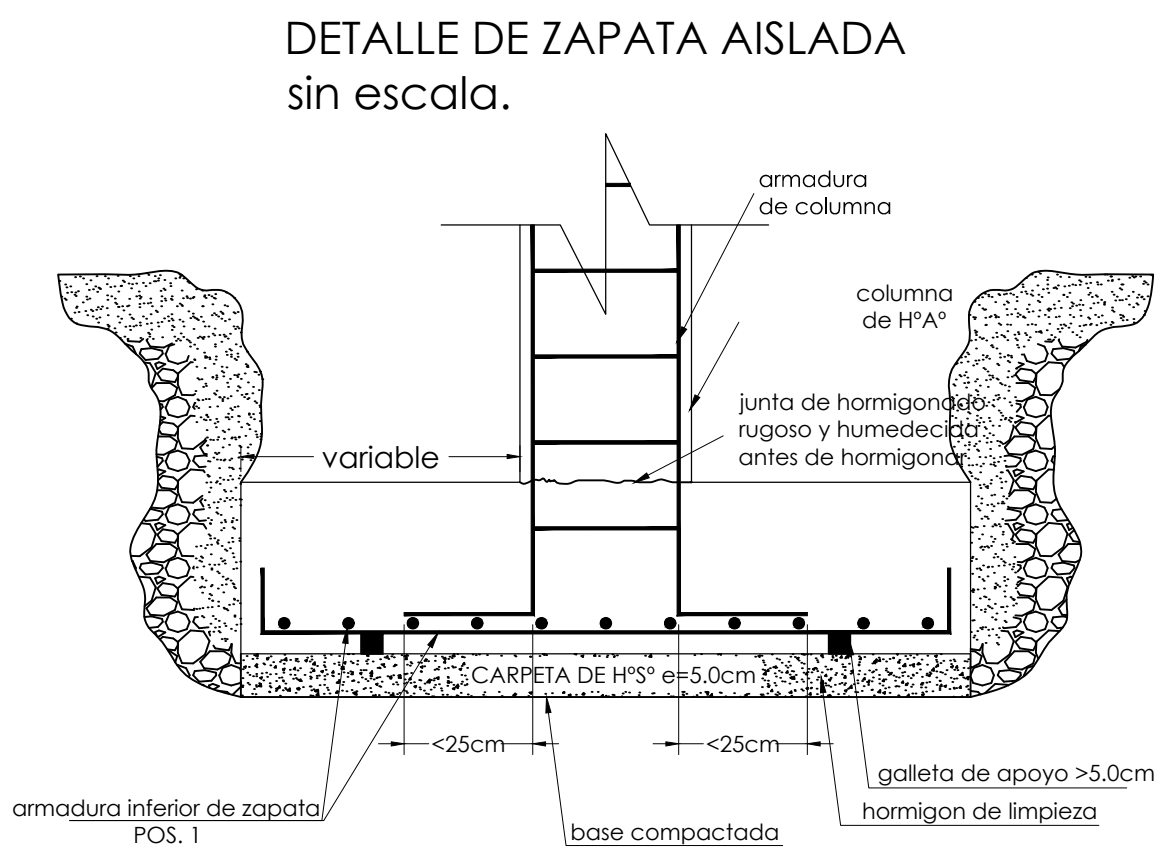
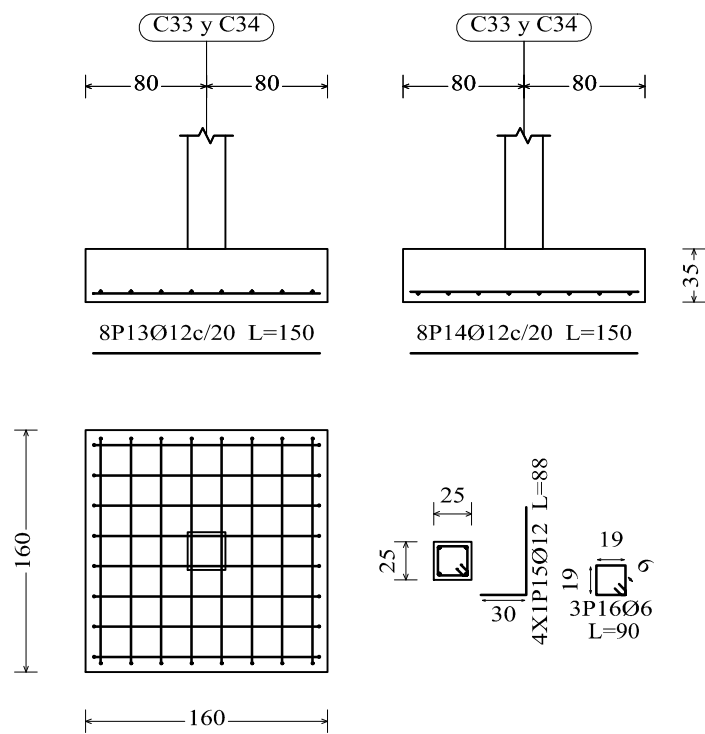
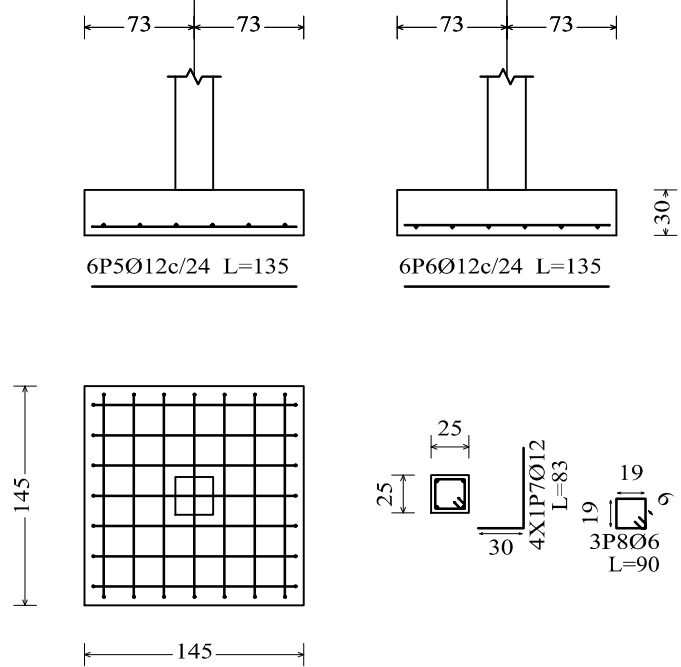


ZAPATAS

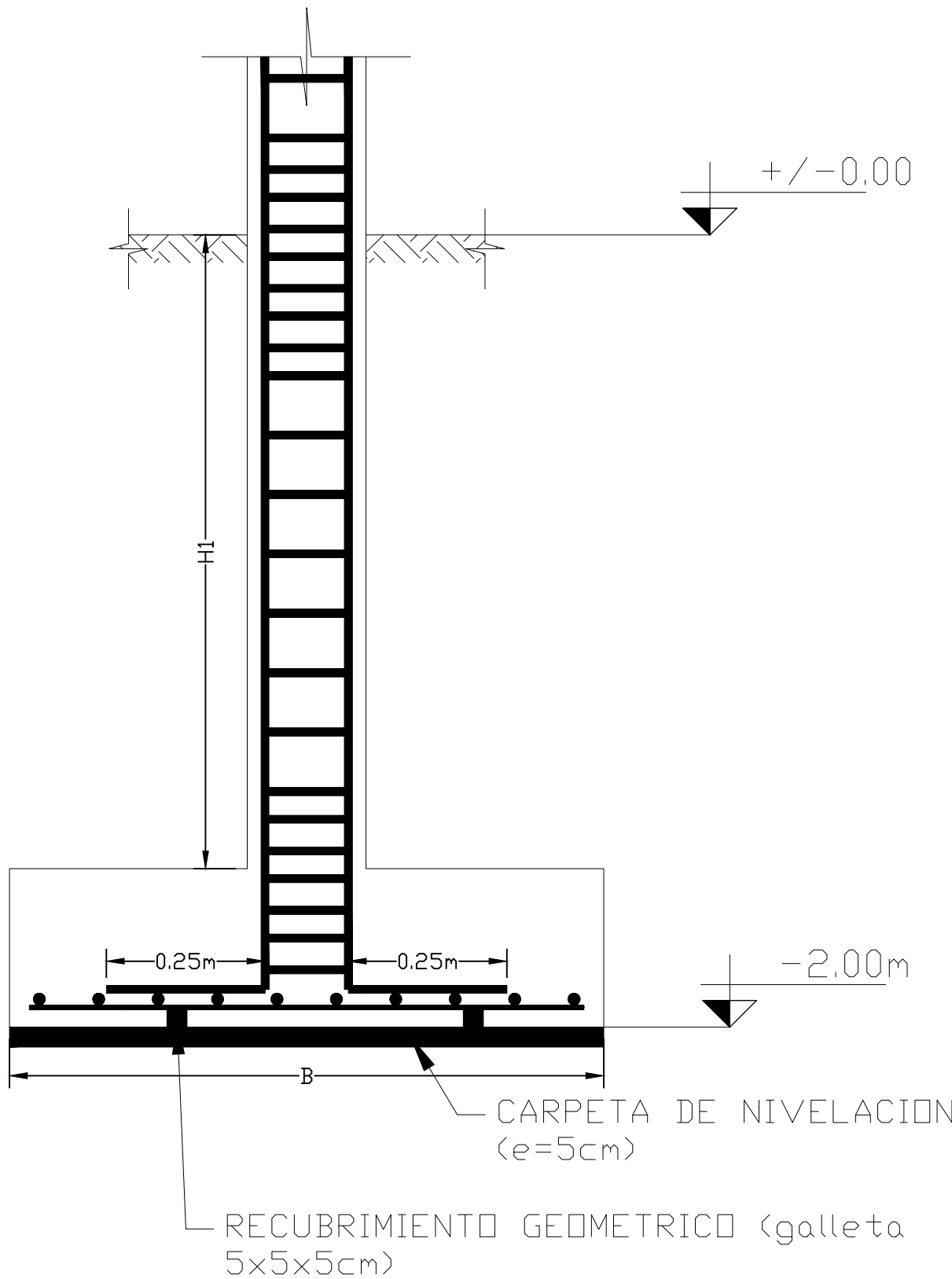
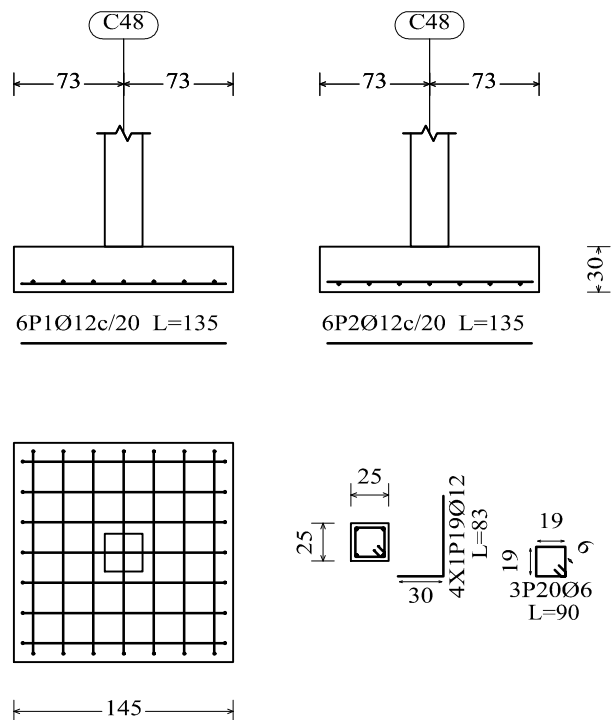
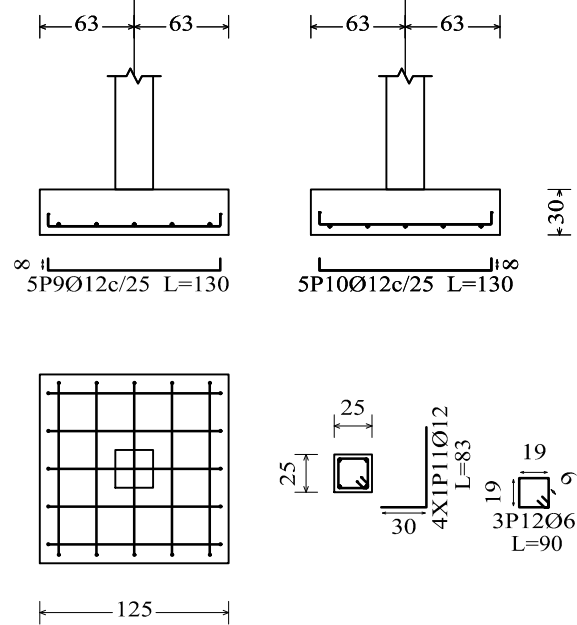
C1, C10, C11, C18, C21, C28, C29, C38, C43, C44, C46, C49, C51, C52 y C54



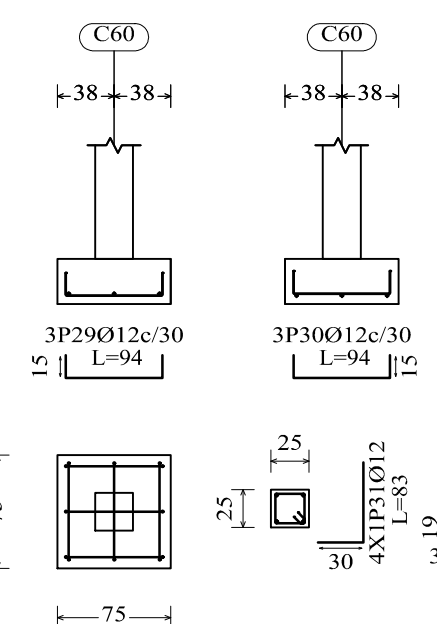
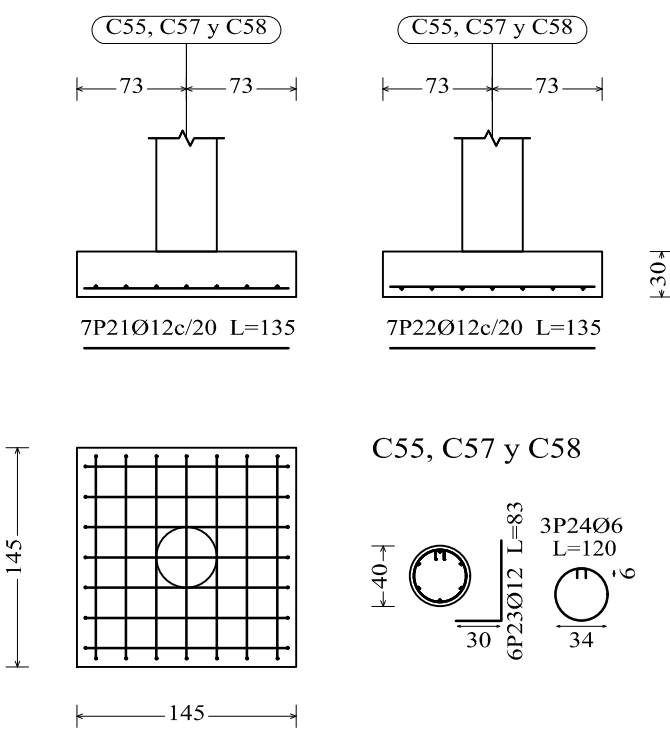
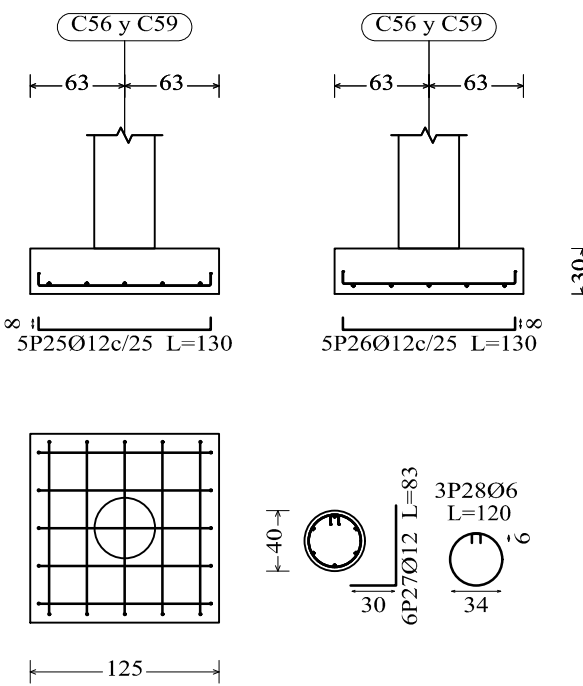
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C14, C15, C16, C17, C24, C25, C27, C31, C32, C35, C36, C37, C39, C42 y C53

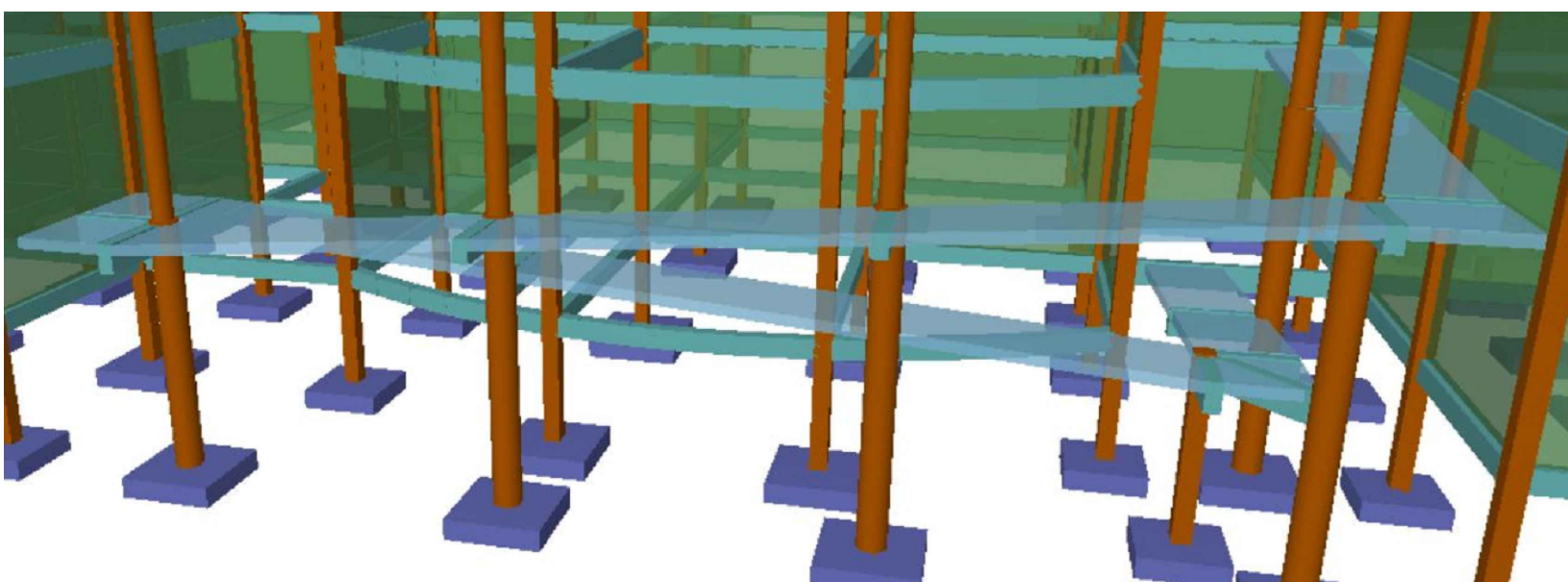
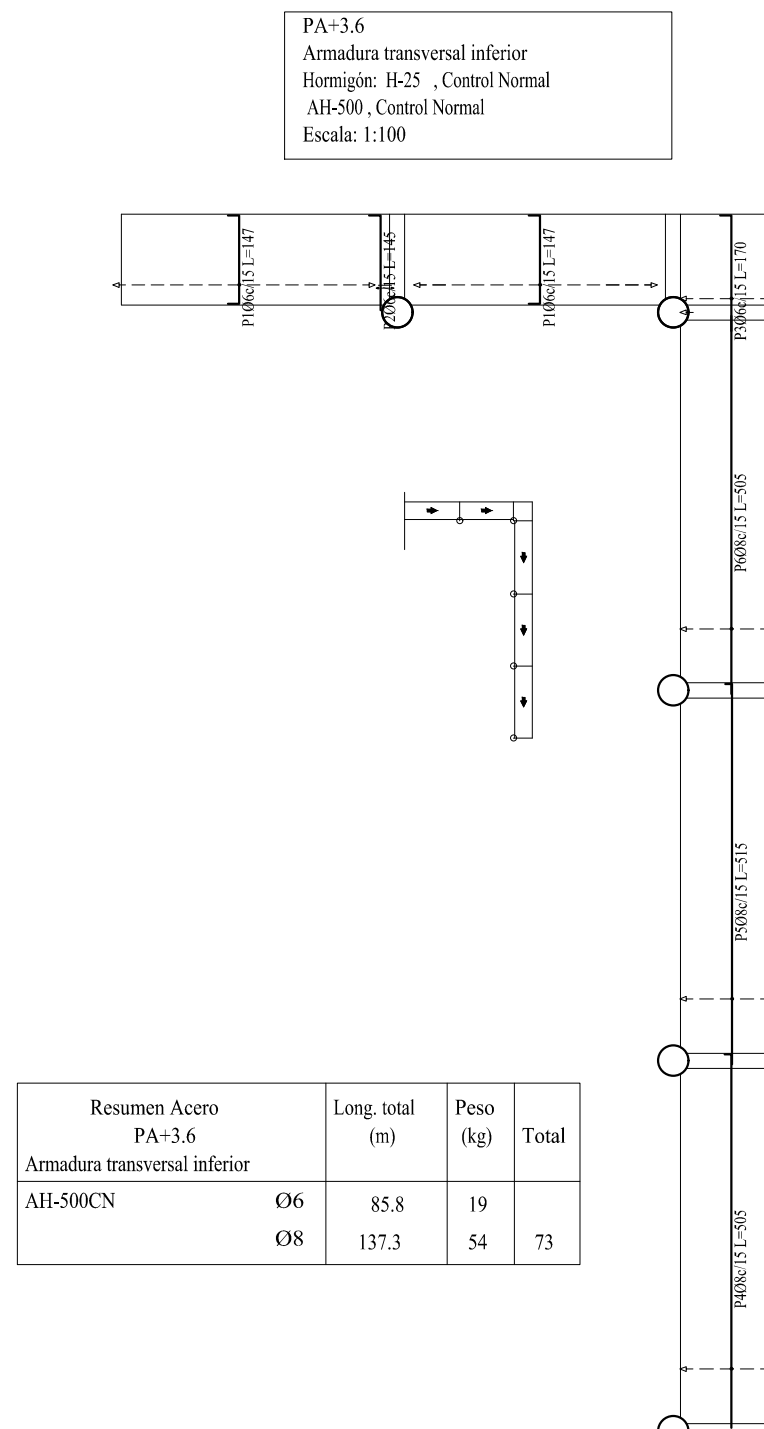
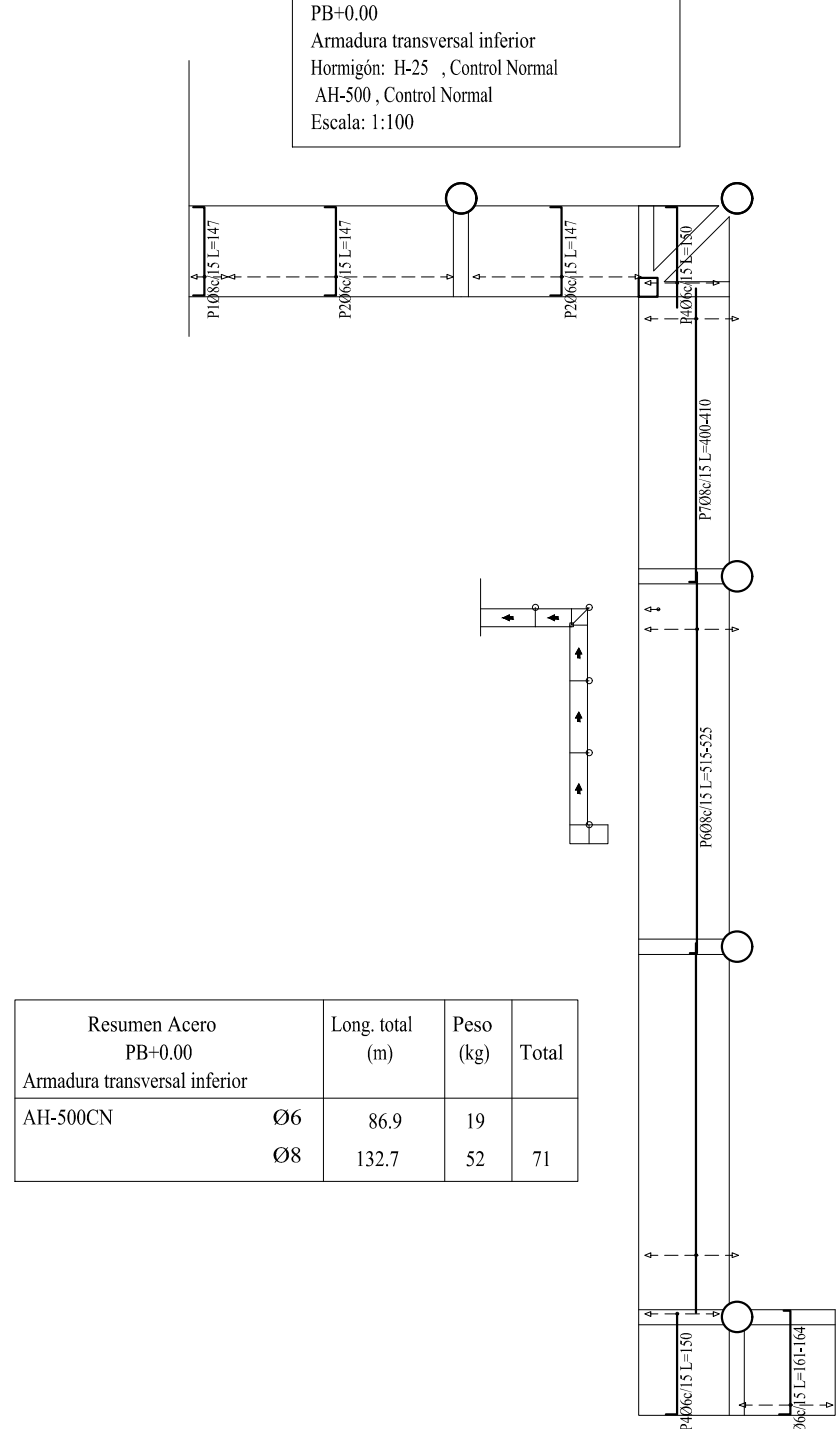
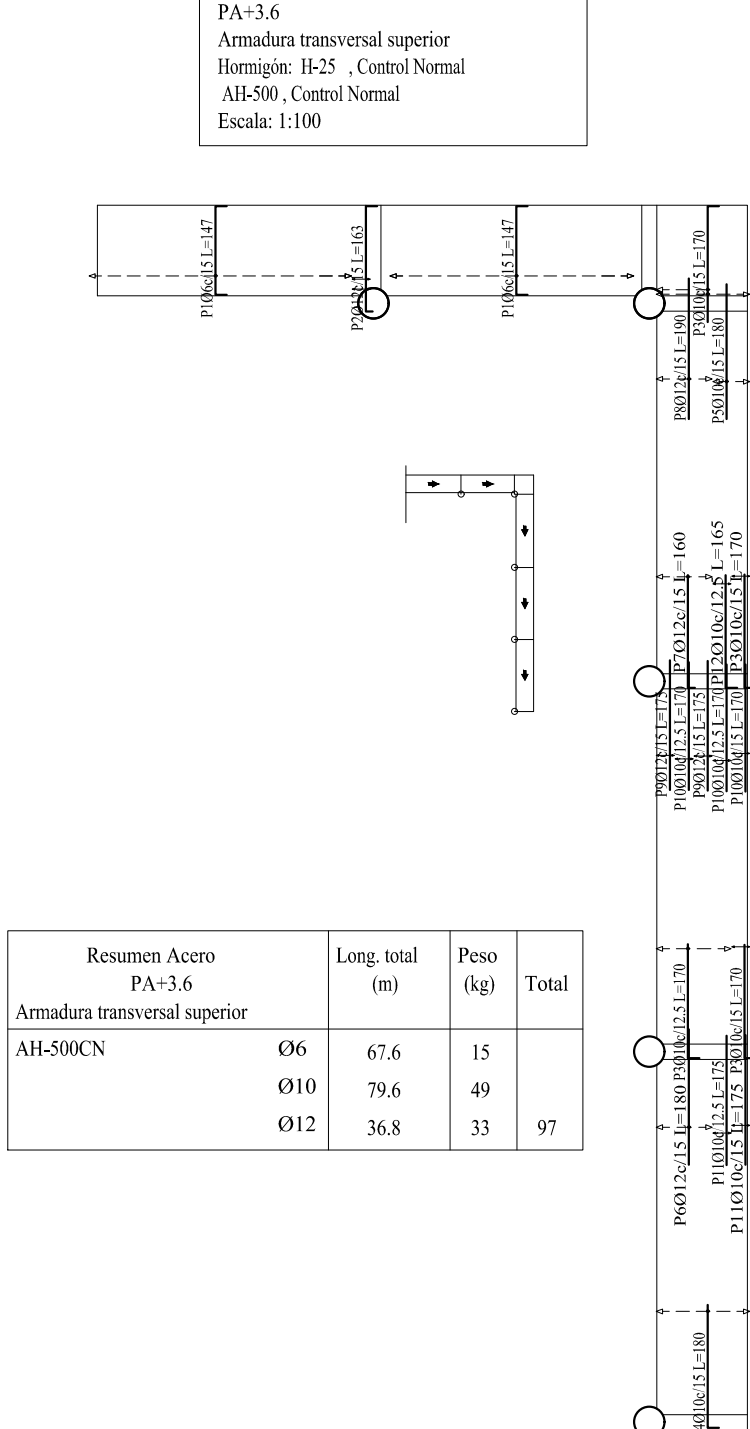
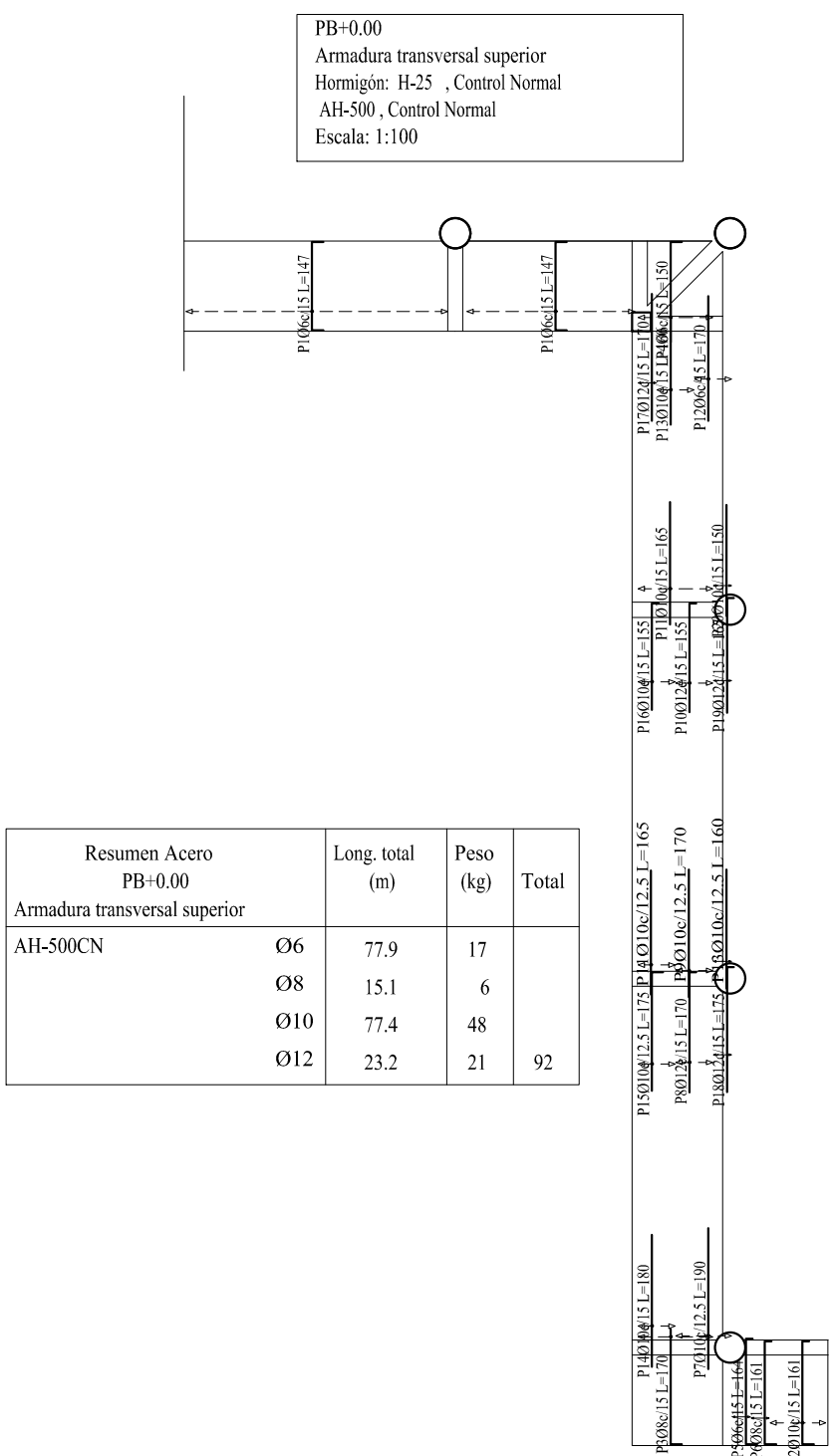
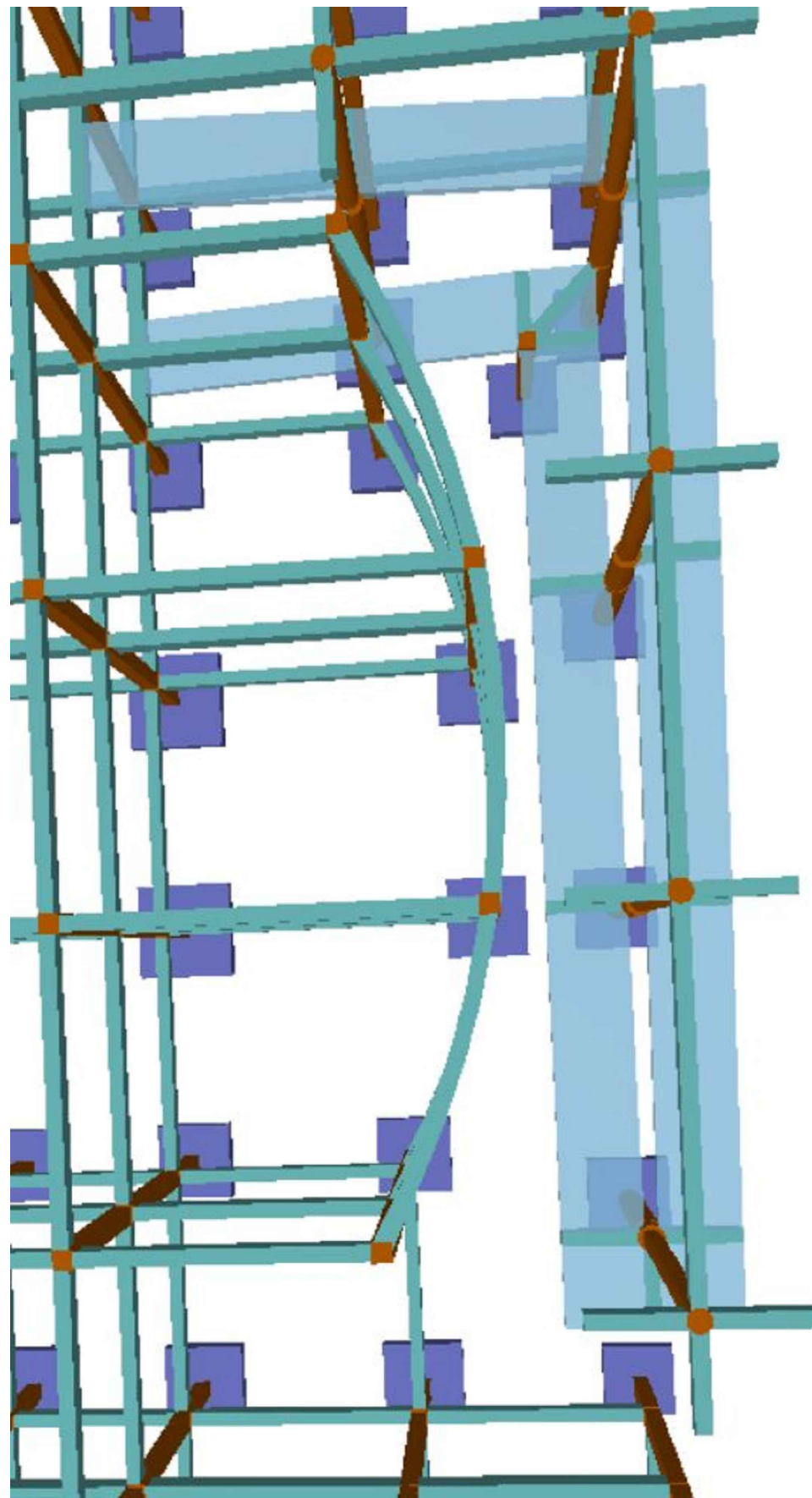
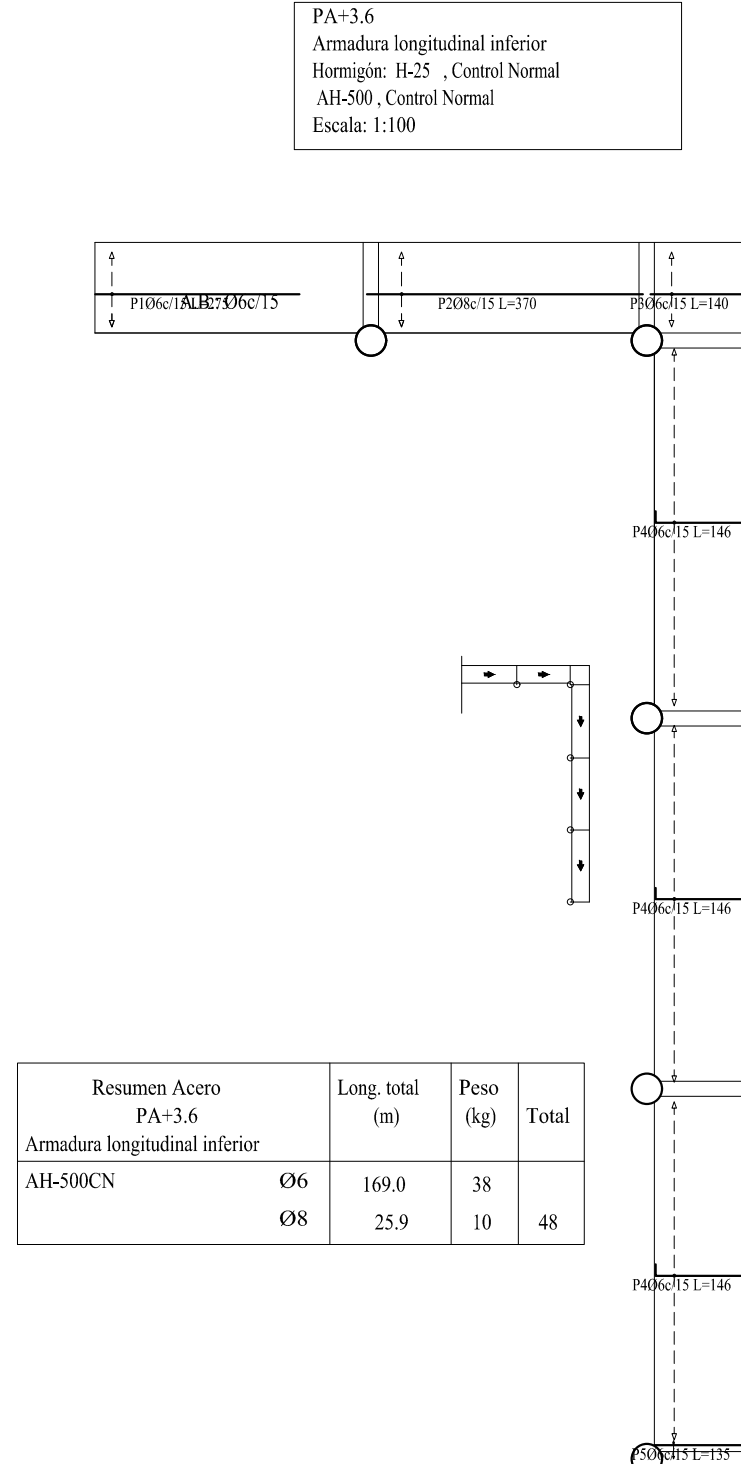
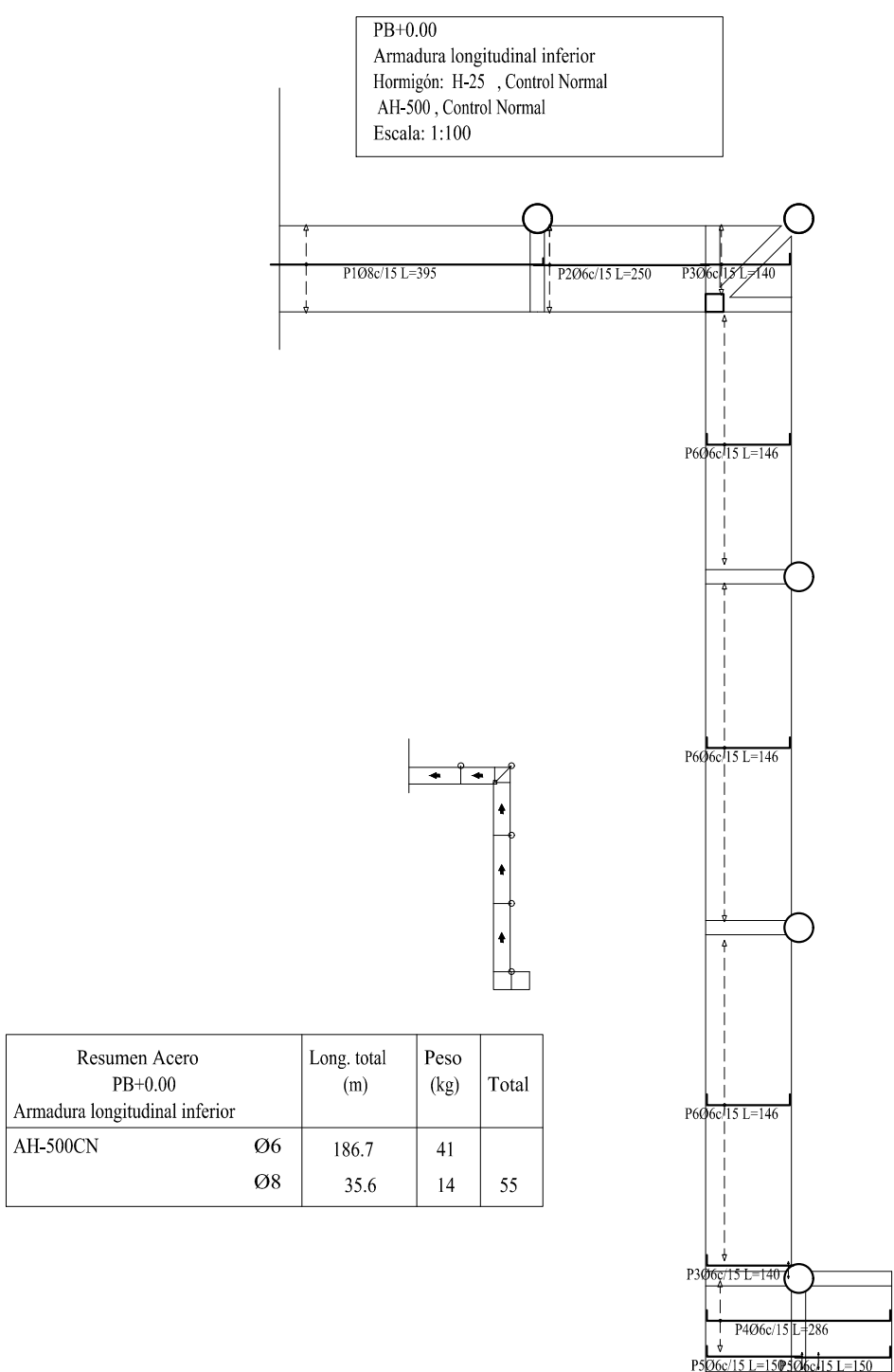
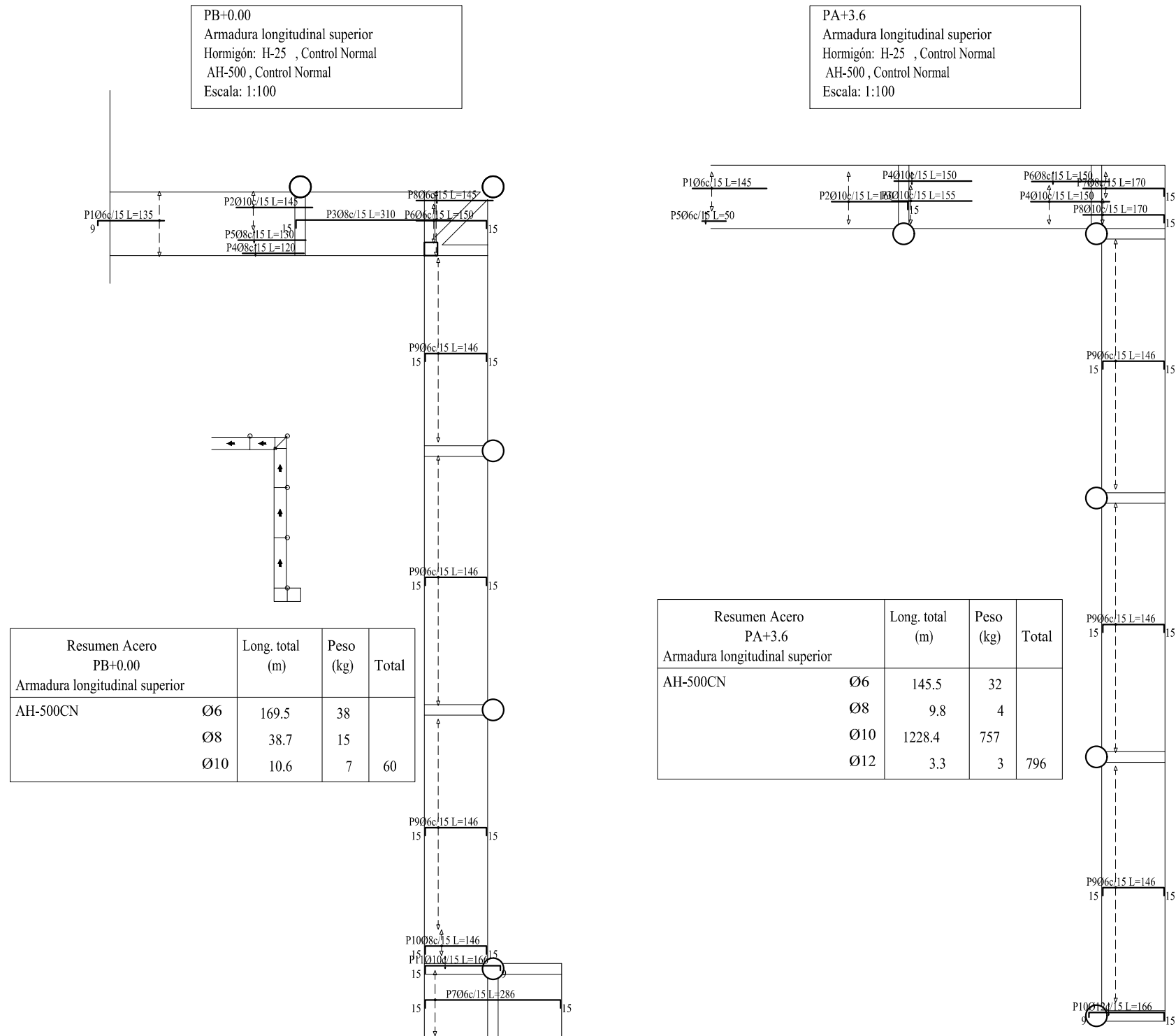


ZAPATA VISTA 3D

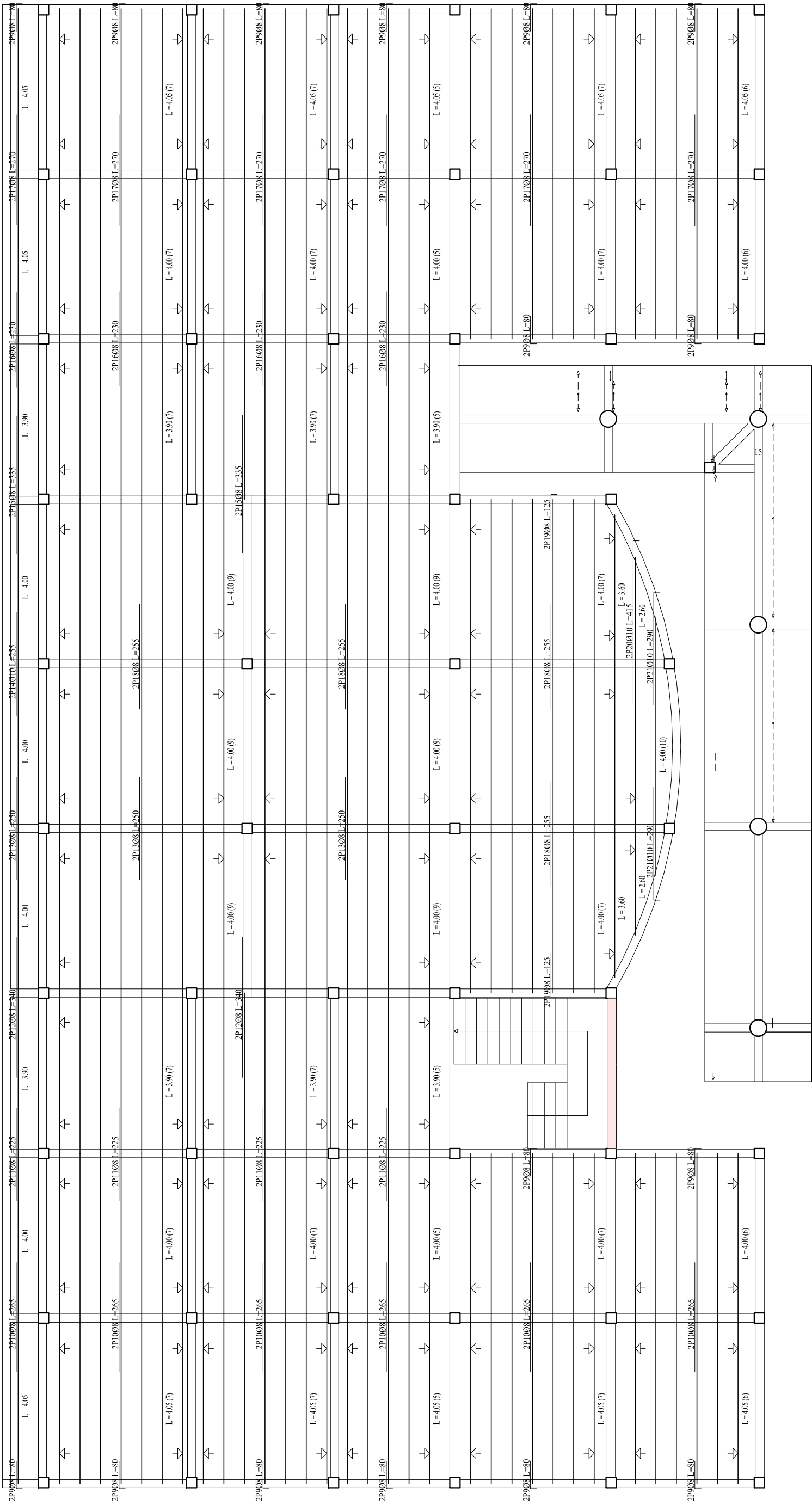


Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500CN (kg)
C1-C18-C11-C18-C21-C28-C29-C38-C43-C44-C46-C49-C51-C52-C54	1	Ø12	4	120	480	4.3
	2	Ø12	4	120	480	4.3
	3	Ø12	4	83	332	2.9
	4	Ø6	3	90	270	0.6
Total: (x15)						12.1
C2-C3-C4-C5-C6-C7-C8-C9-C12-C13-C19-C20-C22-C23-C26-C30-C40-C41-C45-C47-C50	5	Ø12	7	164	1148	10.2
	6	Ø12	7	164	1148	10.2
	7	Ø12	4	83	332	2.9
	8	Ø6	3	90	270	0.6
Total: (x21)						501.9
C14-C15-C16-C17-C24-C25-C27-C31-C32-C35-C36-C37-C39-C42-C53	9	Ø12	5	130	650	5.8
	10	Ø12	5	130	650	5.8
	11	Ø12	4	83	332	2.9
	12	Ø6	3	90	270	0.6
Total: (x15)						15.1
C33-C34	13	Ø12	8	179	1432	12.7
	14	Ø12	8	179	1432	12.7
	15	Ø12	4	88	352	3.1
	16	Ø6	3	90	270	0.6
Total: (x2)						29.1
C48	17	Ø12	7	164	1148	10.2
	18	Ø12	7	164	1148	10.2
	19	Ø12	6	83	498	4.4
	20	Ø6	3	90	270	0.6
Total: (x2)						25.4
C55-C57-C58	21	Ø12	7	164	1148	10.2
	22	Ø12	7	164	1148	10.2
	23	Ø12	6	83	498	4.4
	24	Ø6	3	120	360	0.8
Total: (x3)						25.6
C56-C59	25	Ø12	5	130	650	5.8
	26	Ø12	5	130	650	5.8
	27	Ø12	6	83	498	4.4
	28	Ø6	3	120	360	0.8
Total: (x2)						16.8
C60	29	Ø12	3	94	282	2.5
	30	Ø12	3	94	282	2.5
	31	Ø12	4	83	332	2.9
	32	Ø6	3	90	270	0.6
Total: (x6)						37.0
Total: (x12)						1112.4

ARMADO DE RAMPA

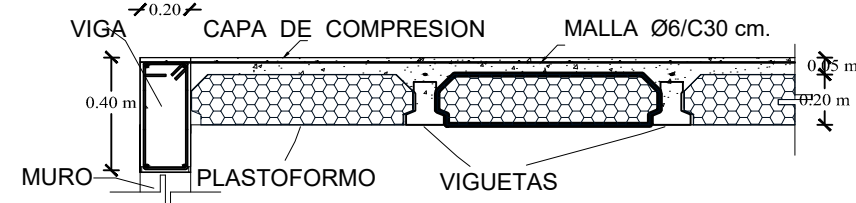
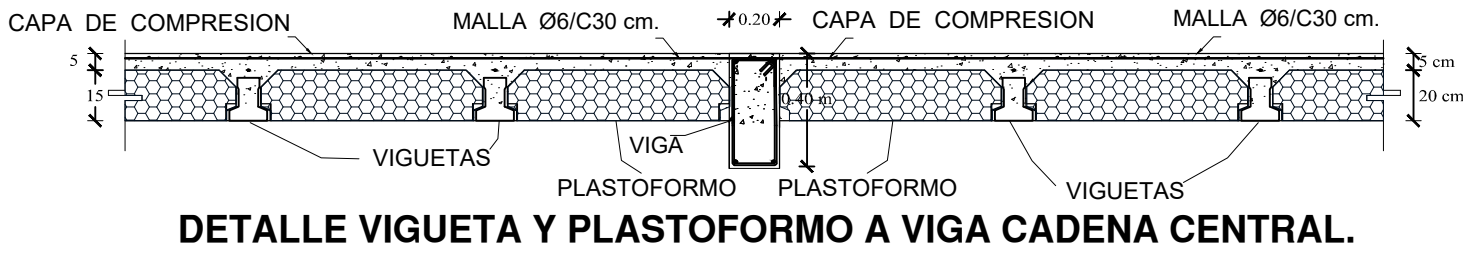
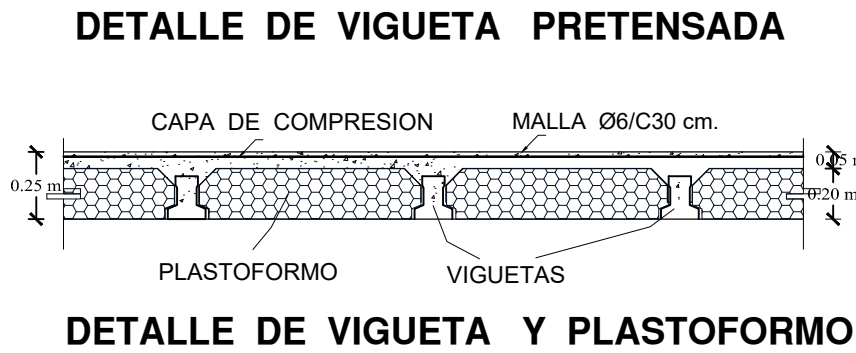


ARMADO DE LOSA DE VIGUETAS PRETENSADAS



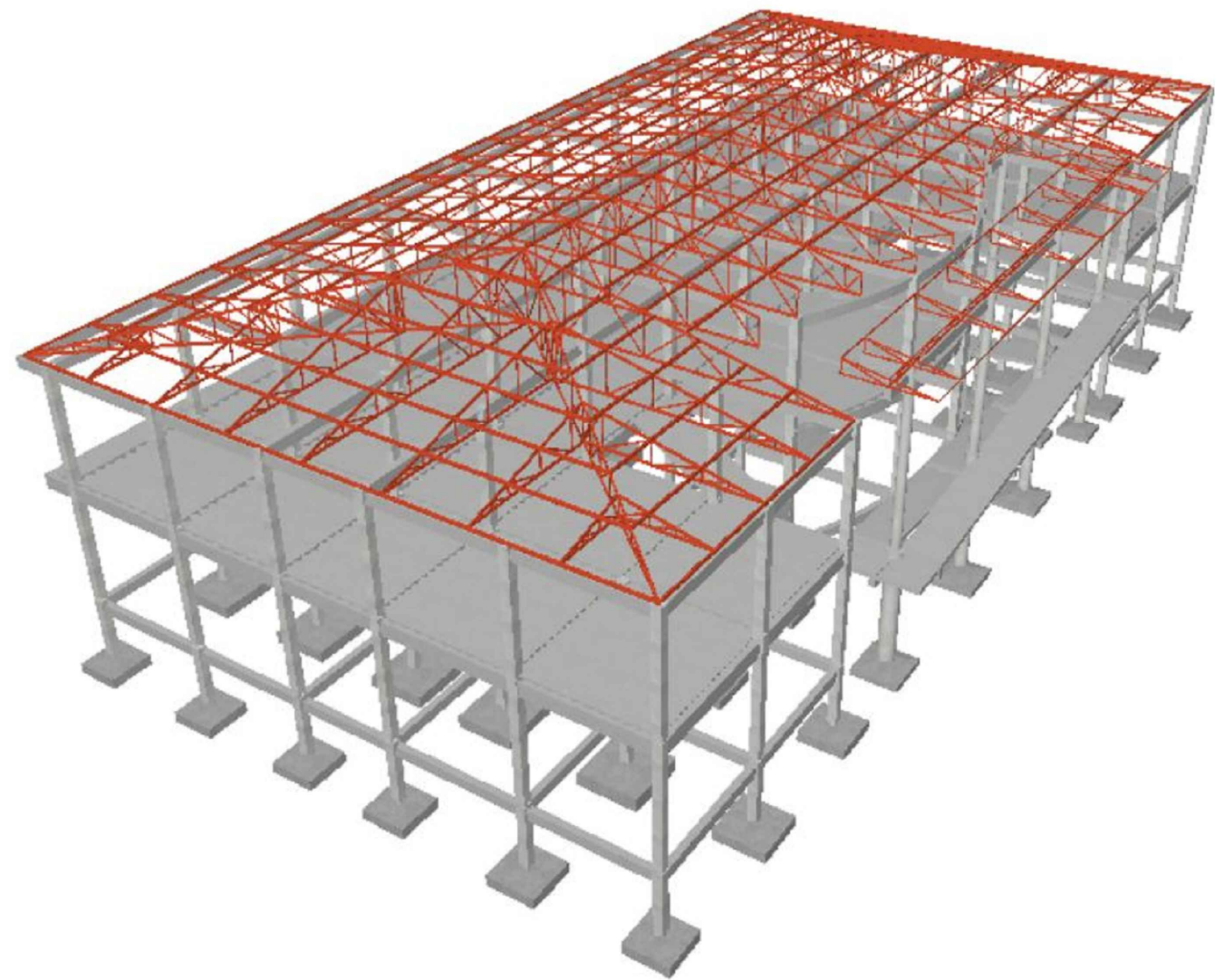
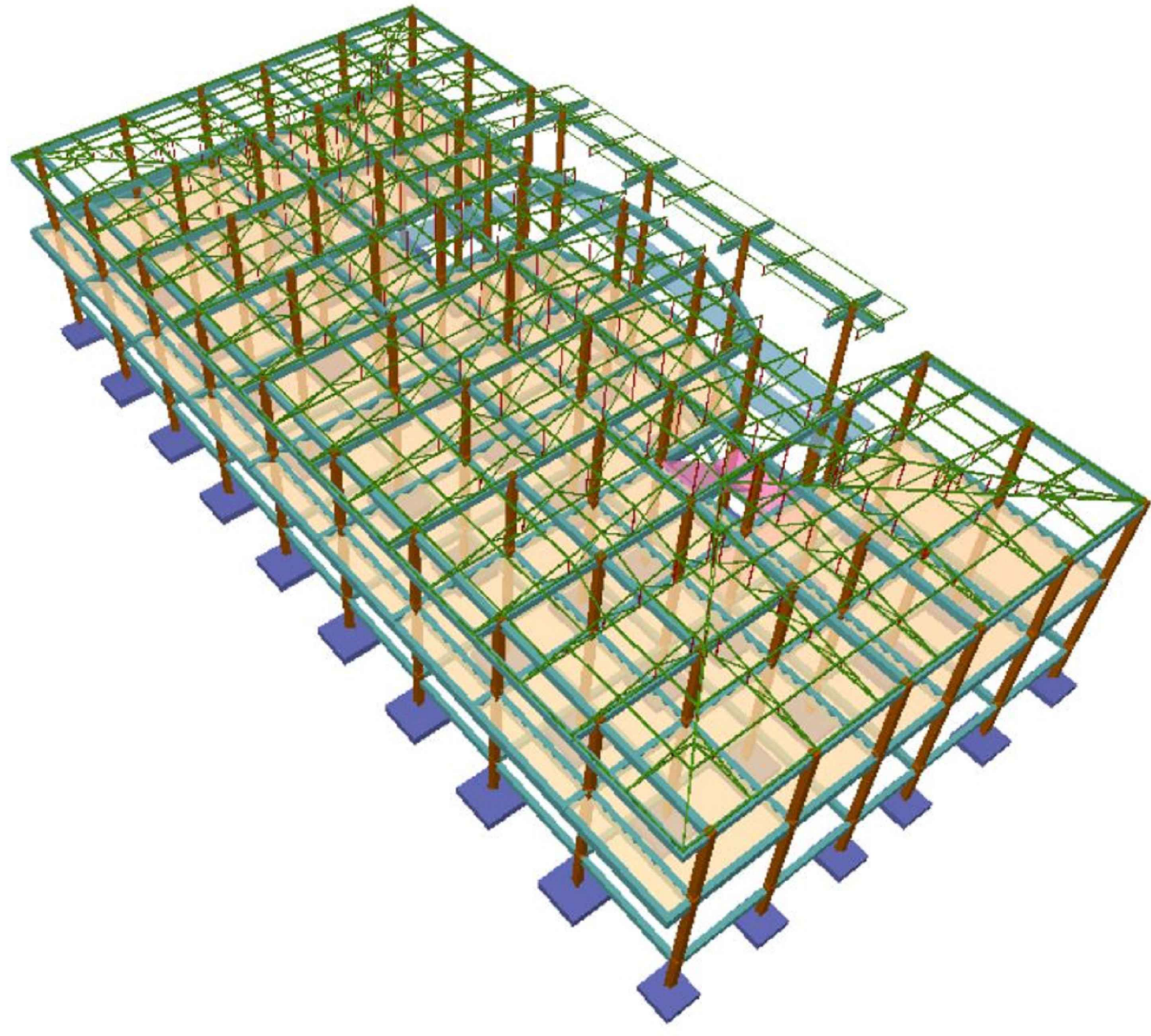
Resumen Acero PA-3.6		Long. total	Peso	Total
Armadura longitudinal superior		(m)	(kg)	
AH-500CN	Ø10	1149.4	709	720
	Ø12	4.2	4	
	Ø16	4.3	7	

Tabla de características de forjados de vigueta (Grupo 2)	
FORJADO DE VIGUETAS DE HORMIGÓN	
Canto de bovedilla: 20 cm	
Espesor capa compresión: 5 cm	
Intenja: 50 cm	
Bovadilla: De poliestireno	
Ancho del nervio: 12 cm	
Volumen de hormigón: 0.114 m³/m²	
Peso propio: 2.80 kN/m² (Simple), 3.76 kN/m² (Doble)	
Nota: Consulte los detalles referentes a enlaces con forjados de la estructura principal y de las zonas maestras.	

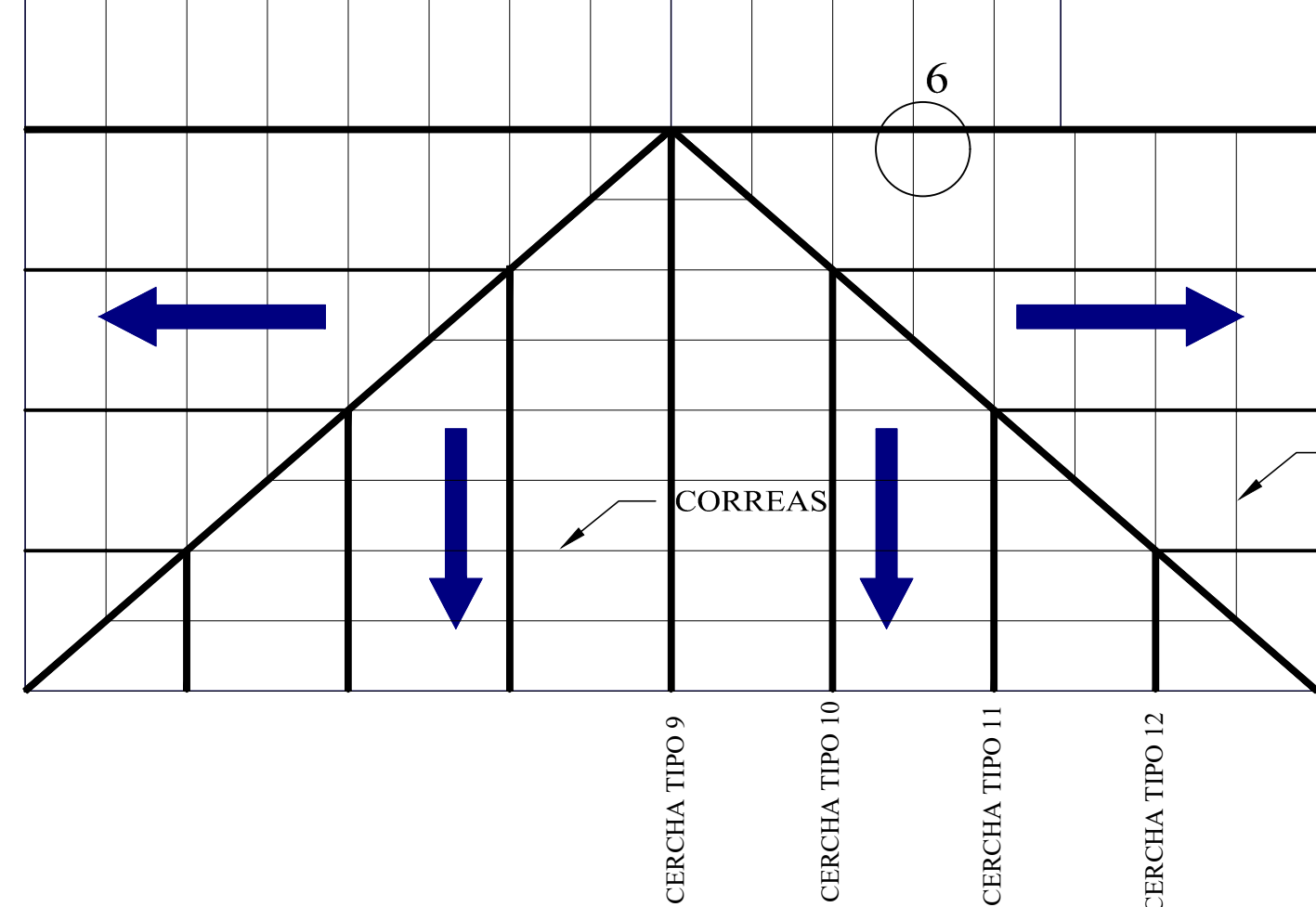
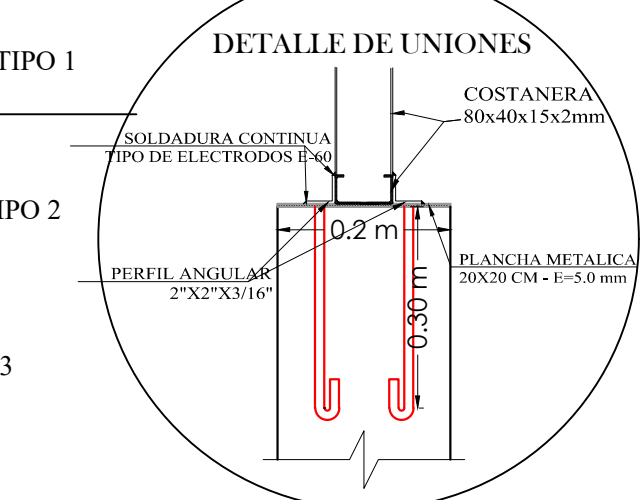
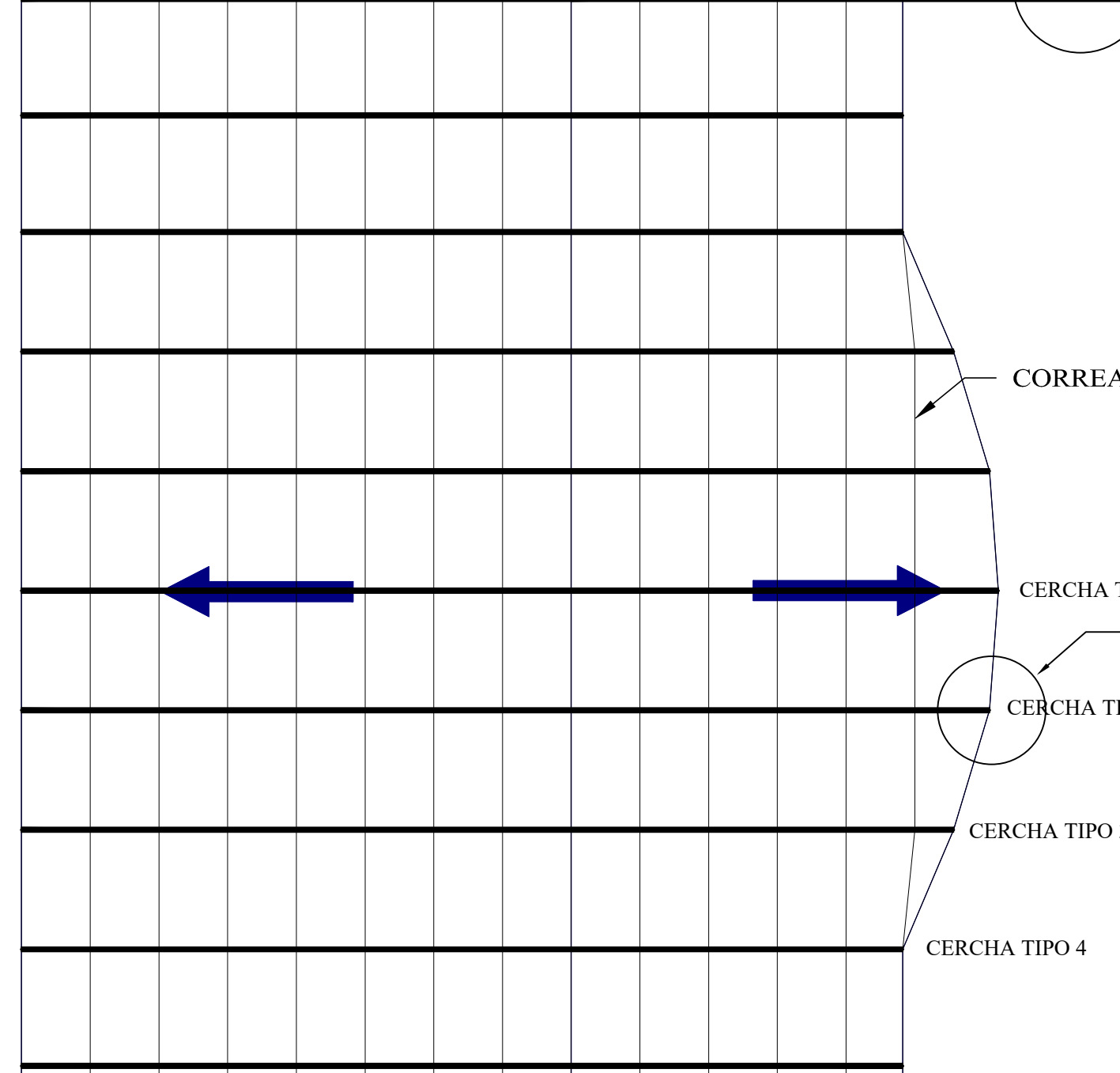
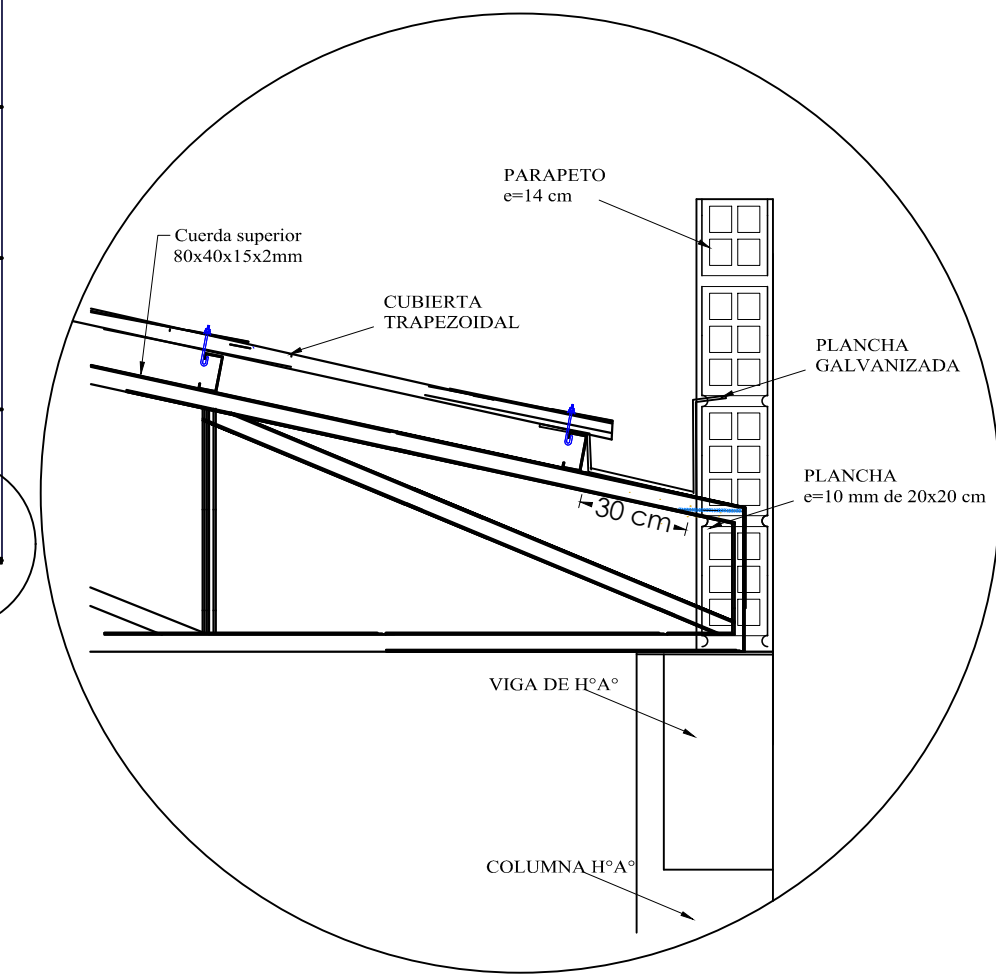
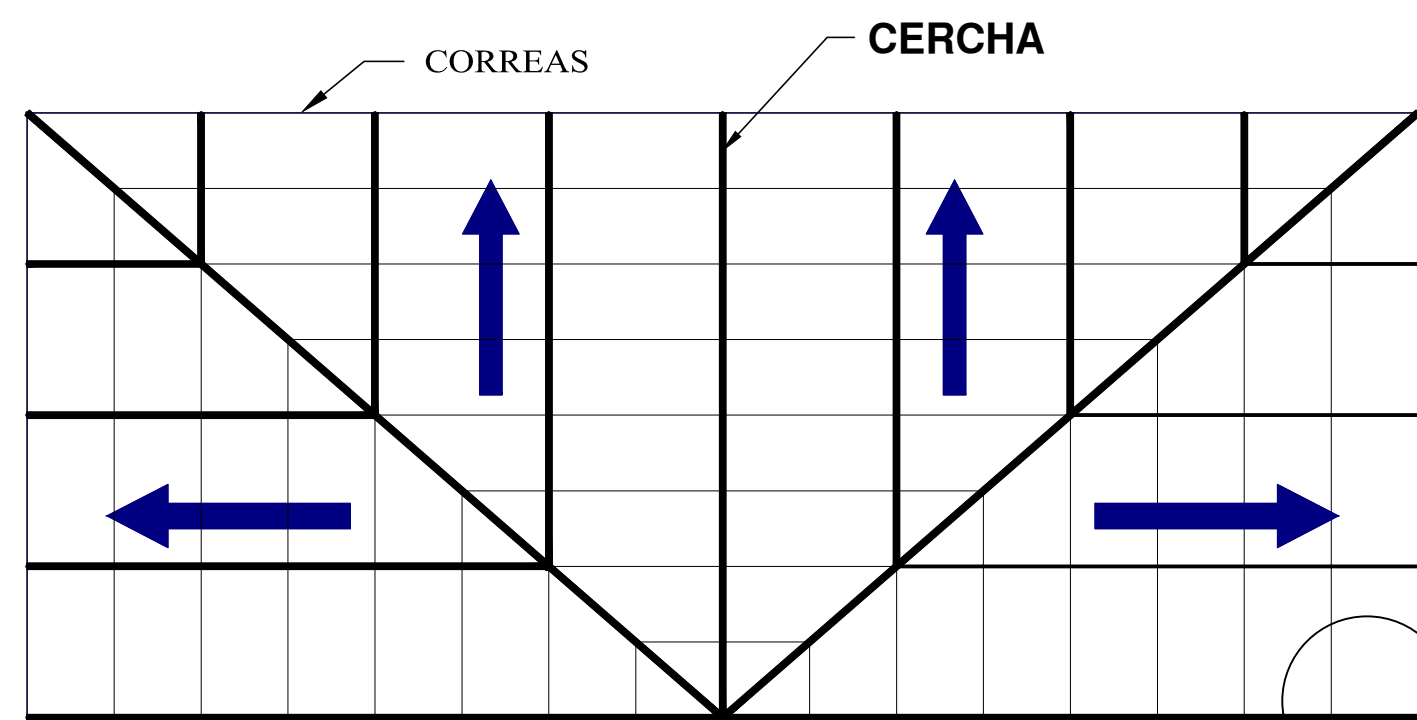


PLASTOFORMO.	VIGUETA PRETENSADA.

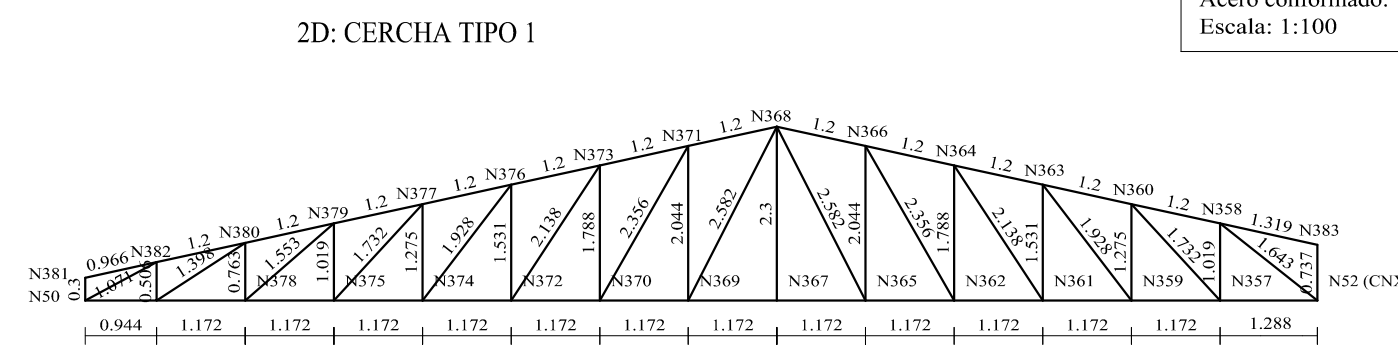
Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500CN (kg)
Armadura longitudinal superior	1	Ø10	3	185	725	4.3
	2	Ø10	3	185	725	4.3
	3	Ø10	3	185	725	4.3
	4	Ø10	3	185	725	4.3
	5	Ø8	2	145	290	1.1
	6	Ø8	2	155	310	1.2
	7	Ø8	2	140	280	1.1
	8	Ø8	2	150	300	1.2
	9	Ø10	1	170	850	5.2
	10	Ø8	2	170	340	1.3
	11	Ø8	94	146	13724	36.5
	12	Ø12	2	166	332	2.9
	13	Ø10	28	275	7700	47.5
	14	Ø10	530	105	55650	343.1
	15	Ø10	112	110	12320	76.0
	16	Ø10	129	80	10300	62.1
	17	Ø10	28	100	2800	17.3
	18	Ø10	28	365	10220	65.7
	19	Ø10	14	280	3920	24.2
	20	Ø10	2	130	260	1.6
	21	Ø10	4	190	760	4.7
	22	Ø10	14	250	3500	21.6
	23	Ø10	36	120	4320	26.6
	24	Ø12	2	210	420	3.7
	25	Ø16	2	215	430	6.8
	26	Ø10	54	115	6210	38.3
Total:						782.2
						Ø8: 36.3
						Ø10: 5.9
						Ø12: 72.4
						Ø16: 6.6
						Total: 6.8
						Total: 782.2



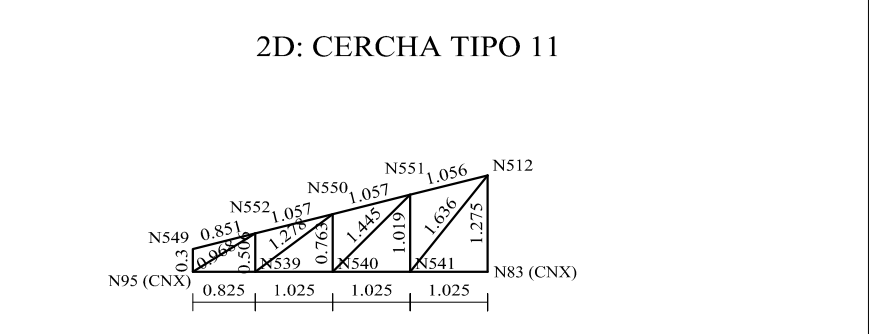
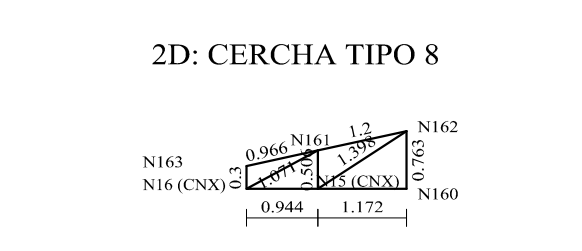
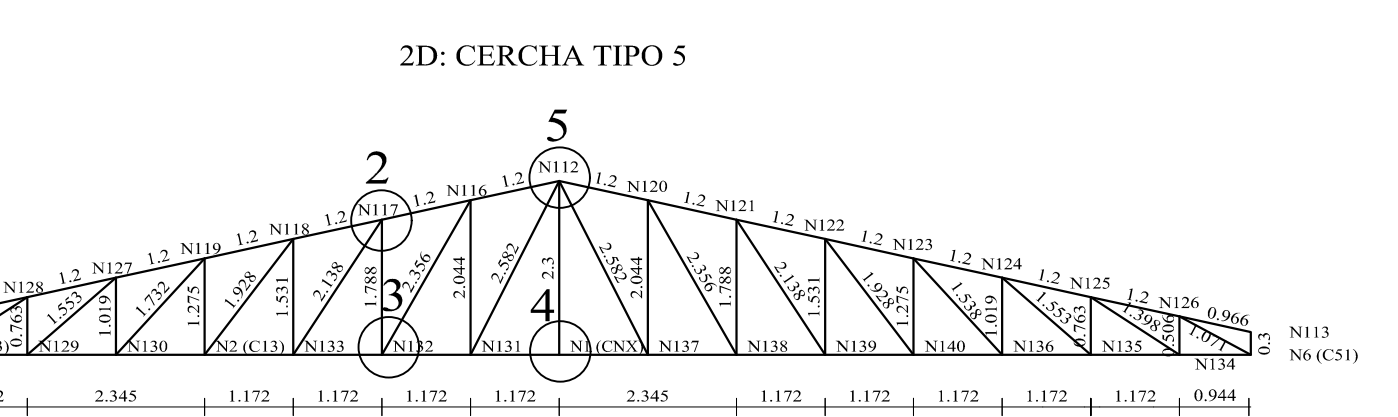
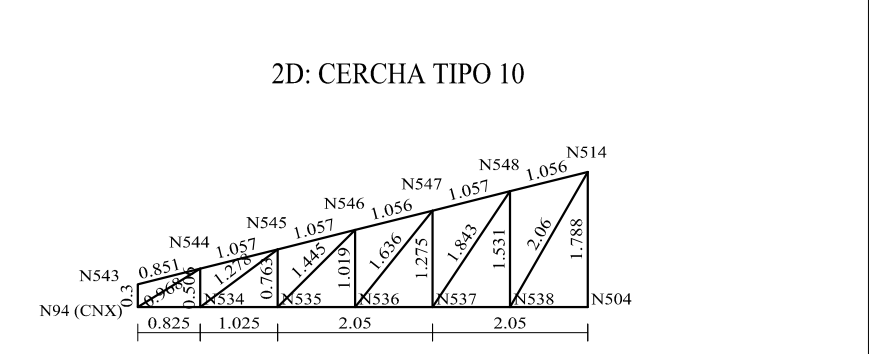
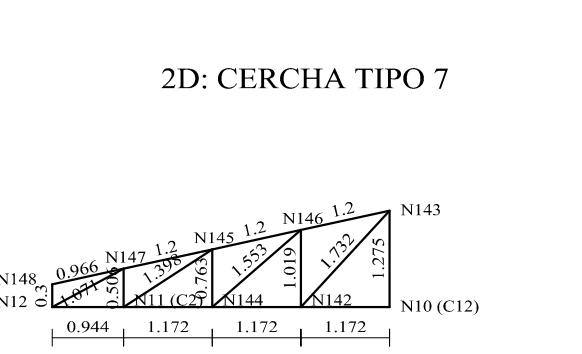
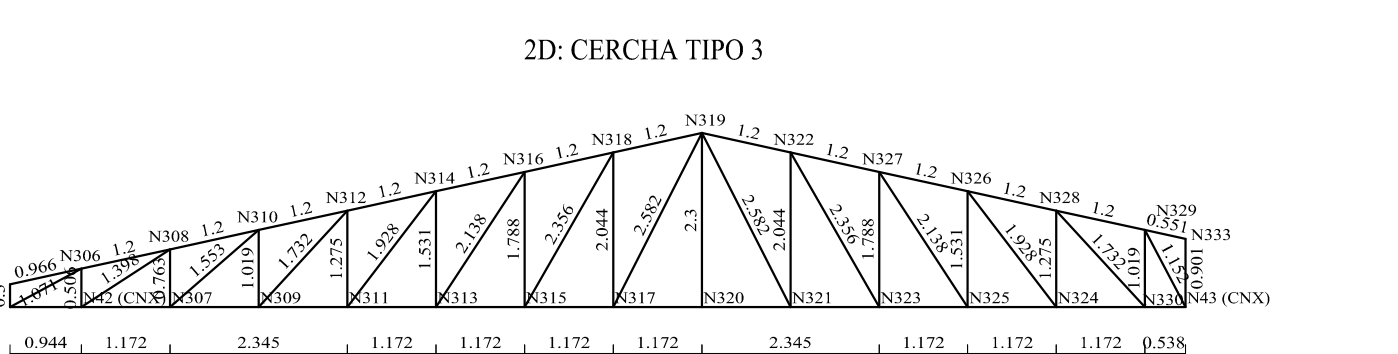
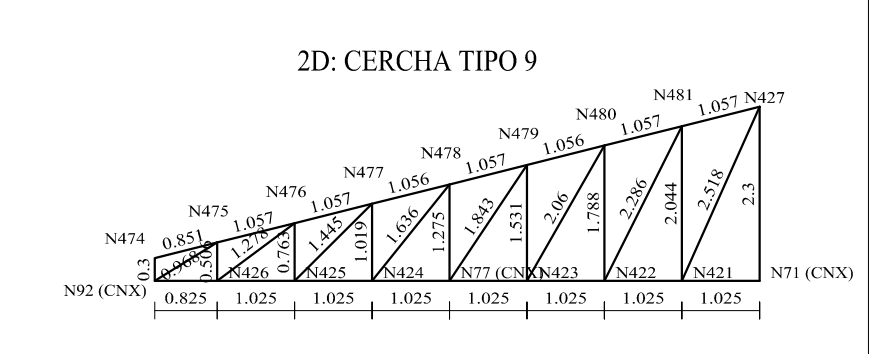
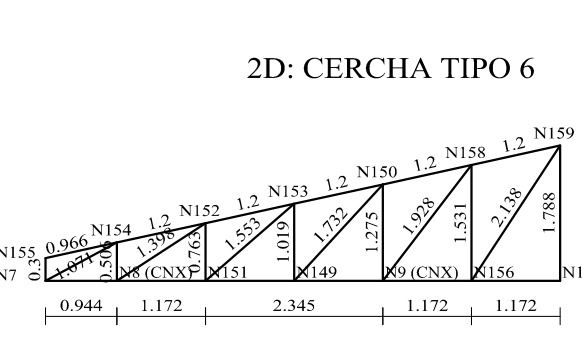
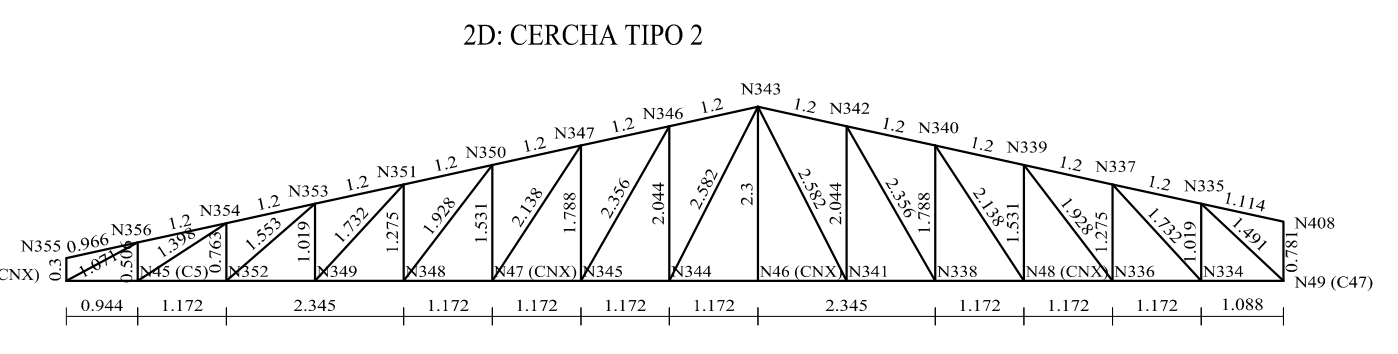
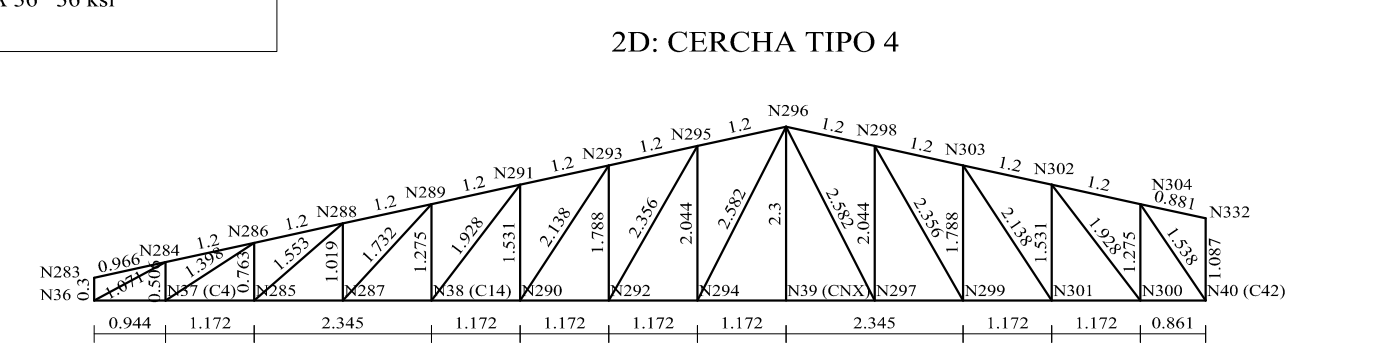
UBICACION Y TIPO DE CERCHAS



CERCHA TIPO 5
CERCHA TIPO 6
CERCHA TIPO 7
CORREAS
CERCHA TIPO 8
CERCHA TIPO 9
CERCHA TIPO 10
CERCHA TIPO 11
CERCHA TIPO 12
CERCHA TIPO 13



CERCHA 3D ANALISIS 020724
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: ASTM A 36 36 ksi
Escala: 1:100



DETALLE DE UNIONES

UNION 1
ESC.: 1:10

UNION 2
ESC.: 1:10

UNION 3
ESC.: 1:10

UNION 4
ESC.: 1:10

UNION 5
ESC.: 1:10

DETALLE DE CORREAS Y COBERTURA.

