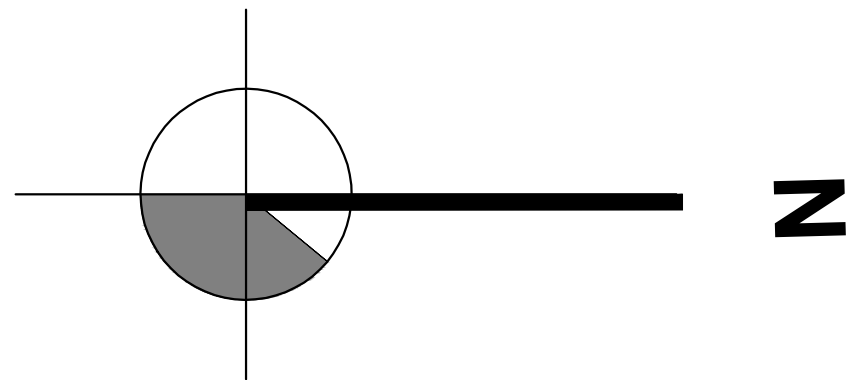


PLANO DESPIECE DE CIMENTACIÓN

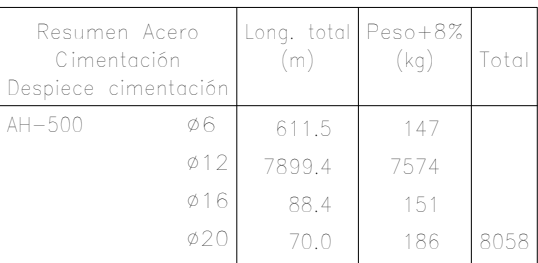
ESC. 1:100



Cimentación
Despiece cimentación
Norma: IN-21
Escala: 1:100



ESC. 1:100

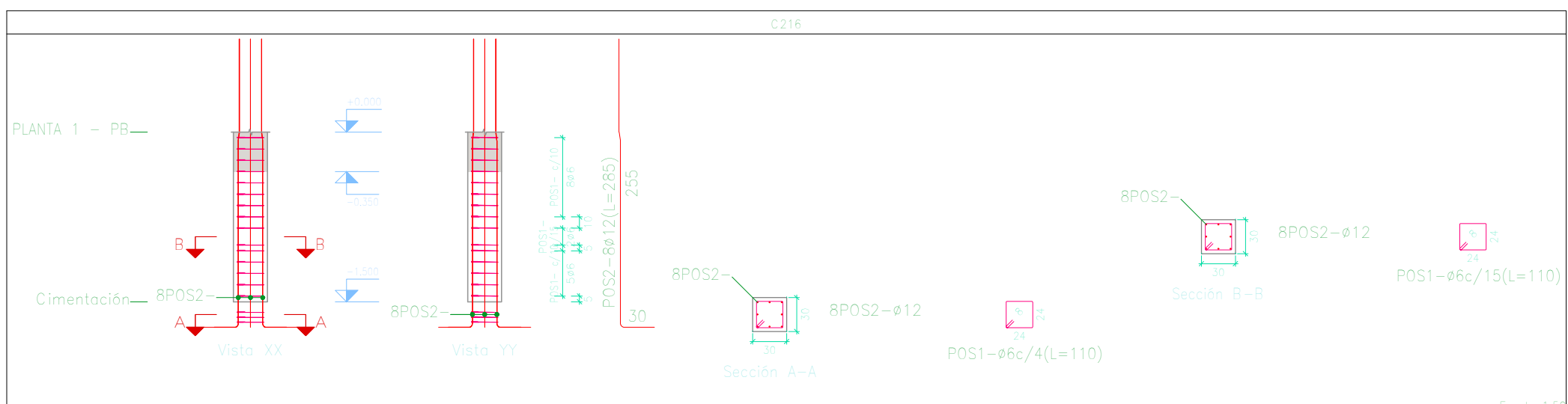
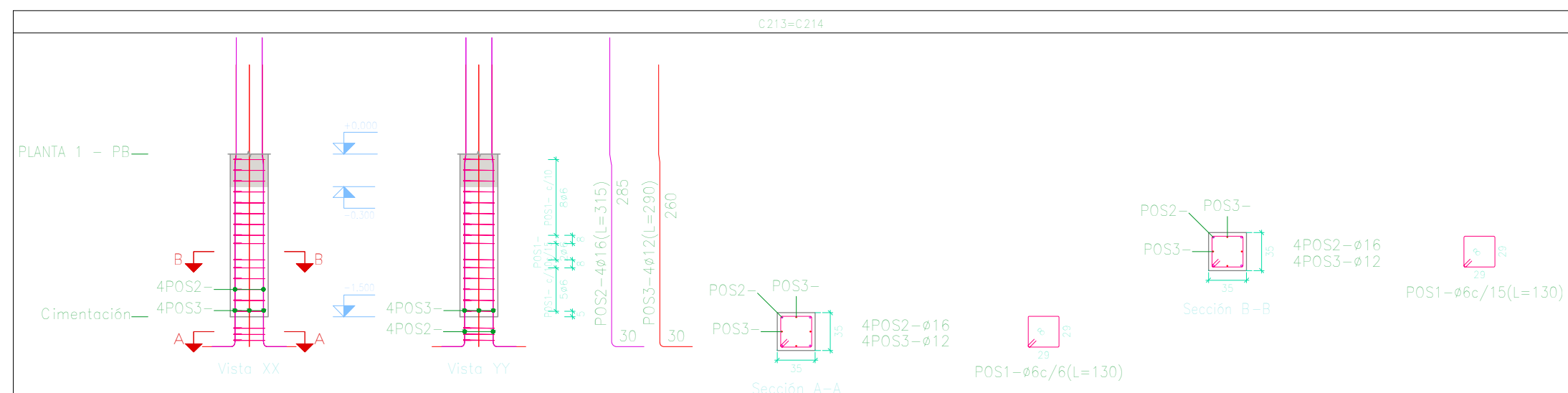
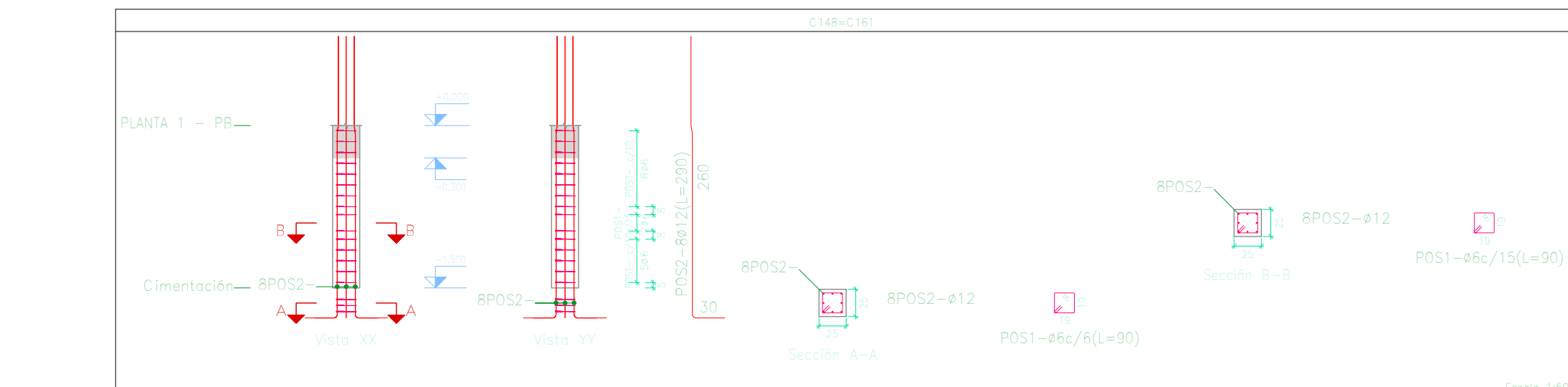
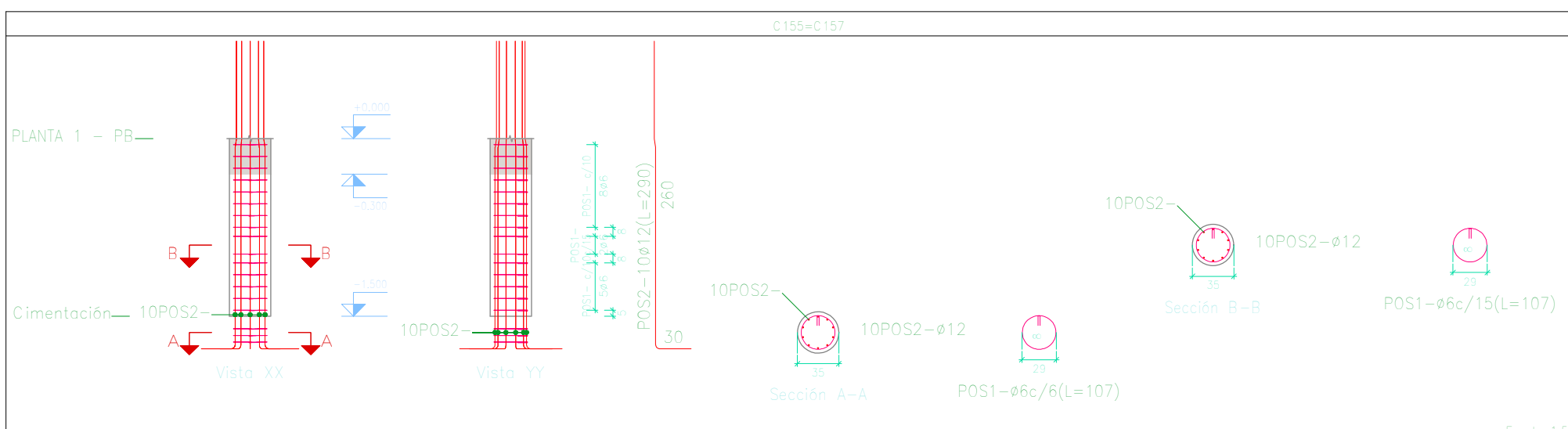
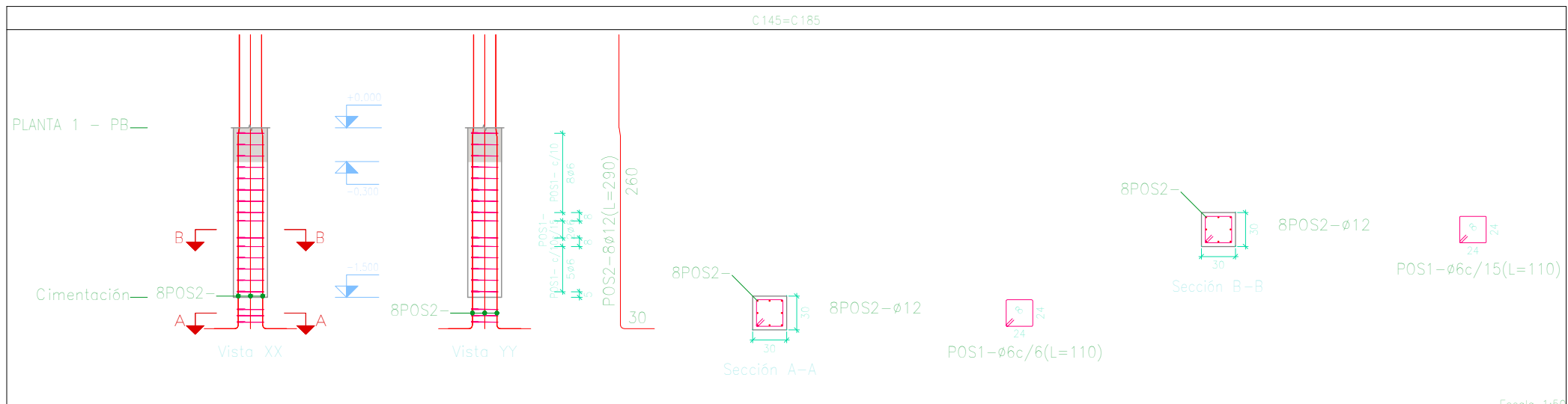
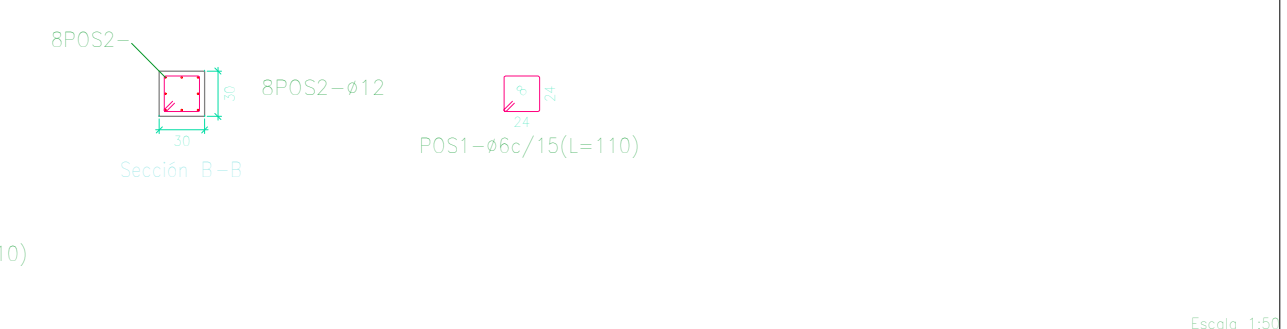
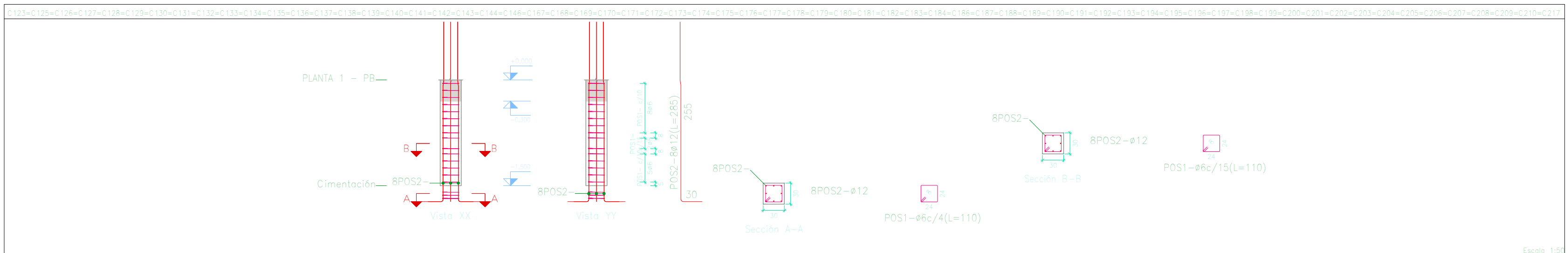
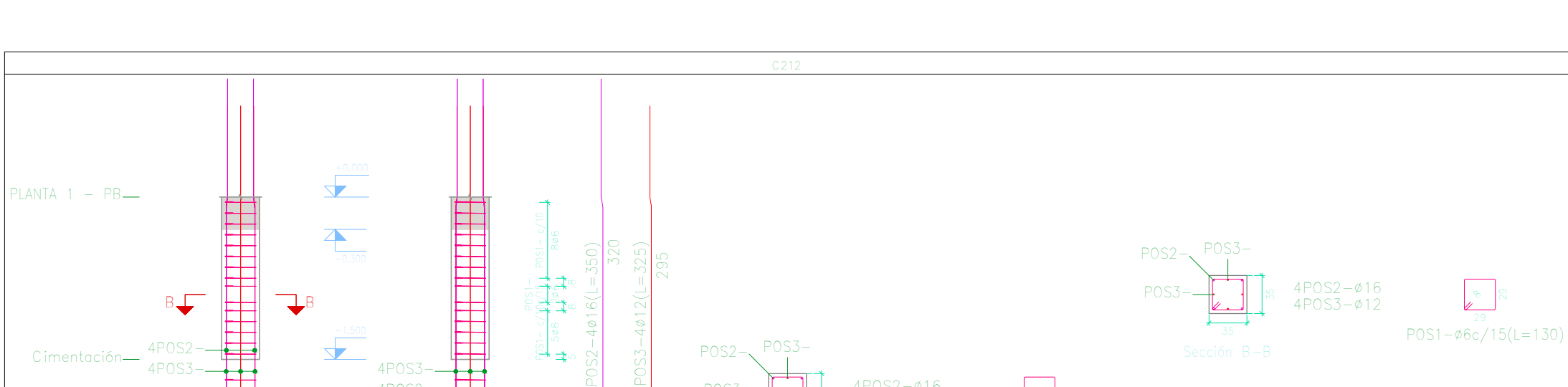
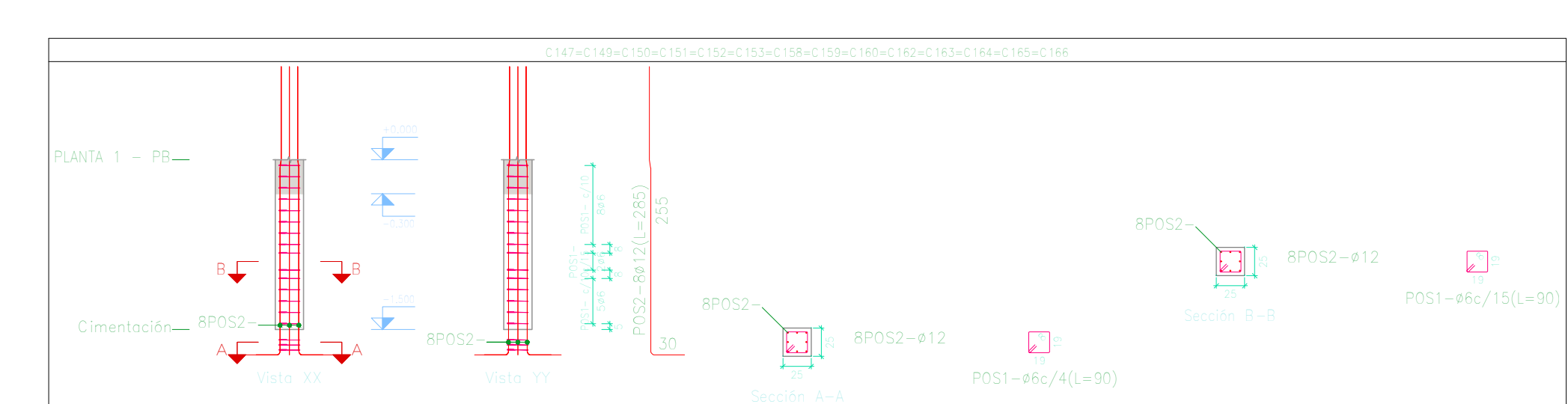
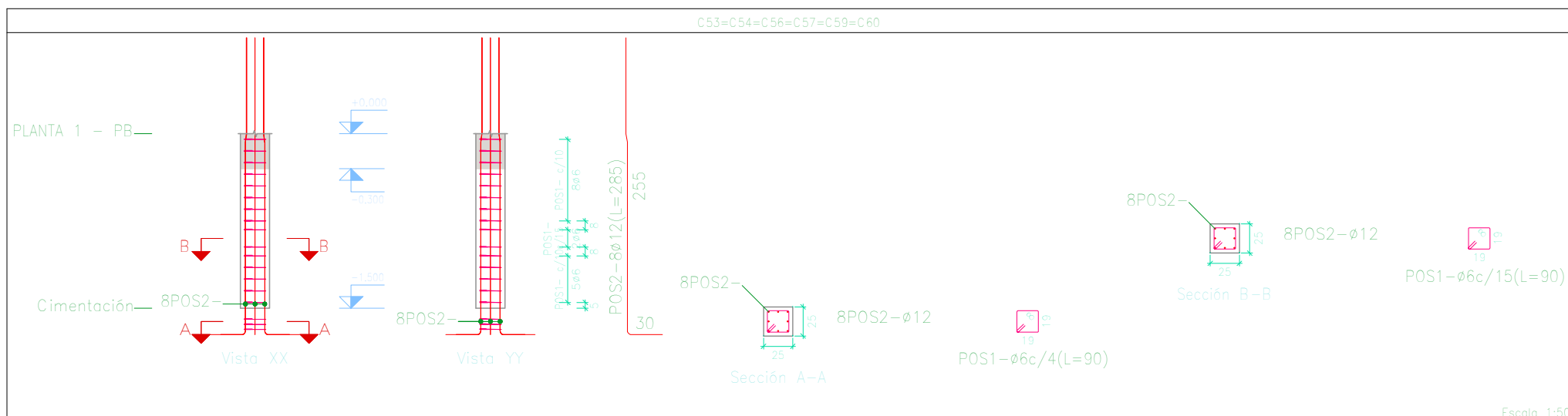
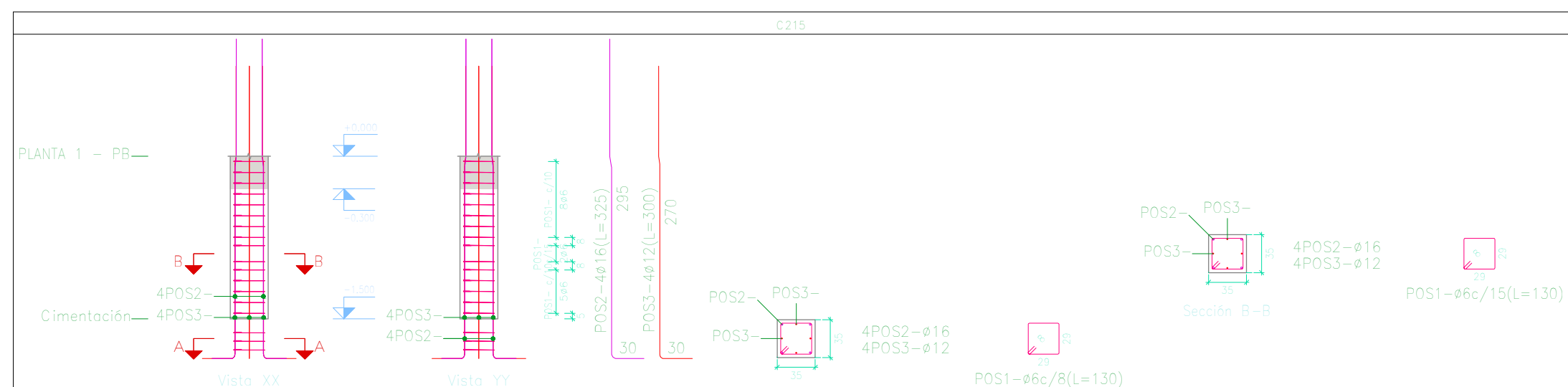
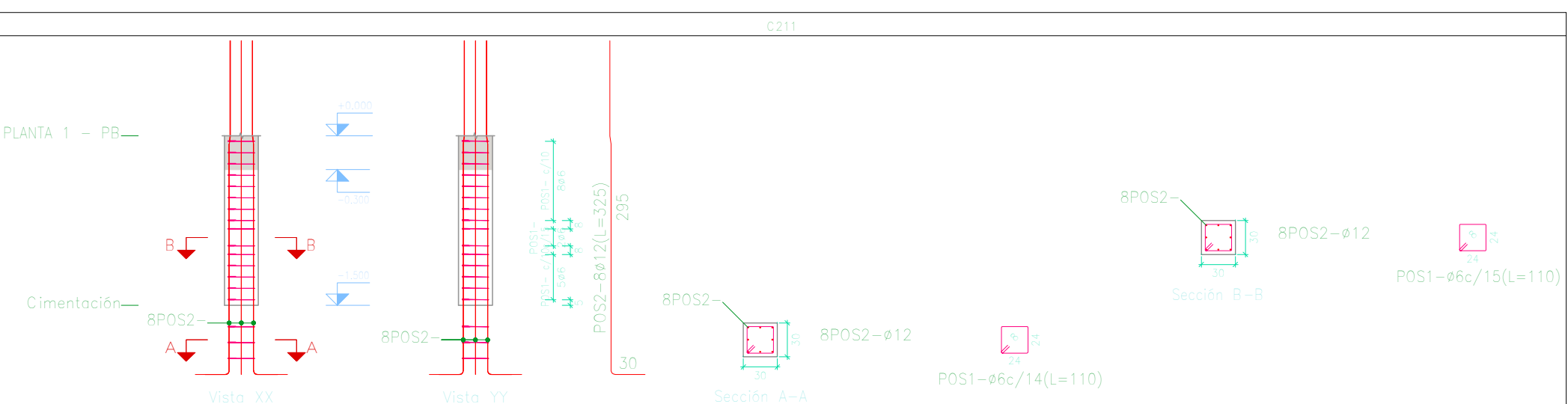
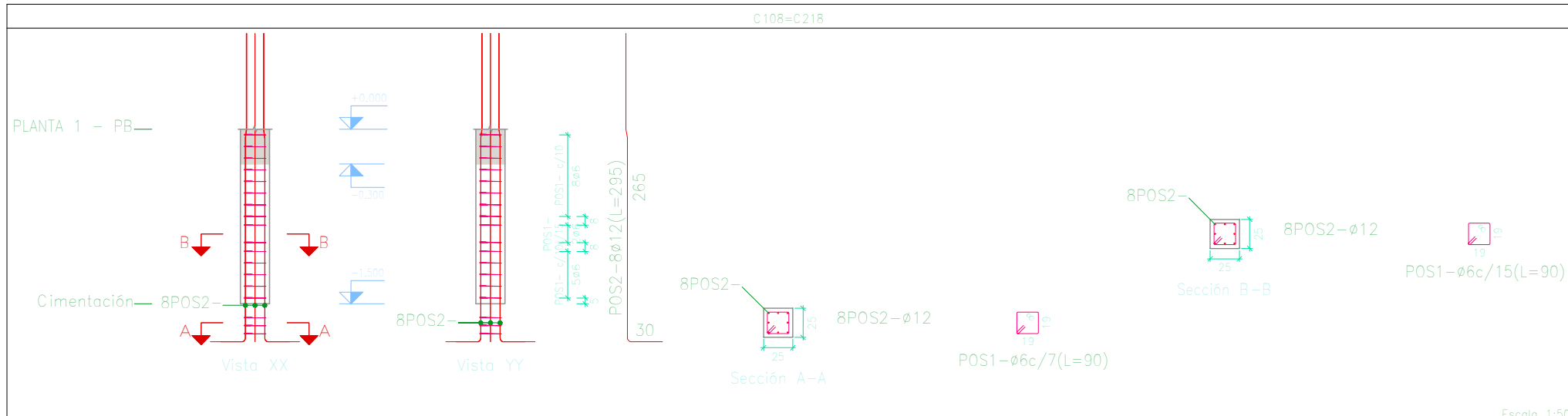
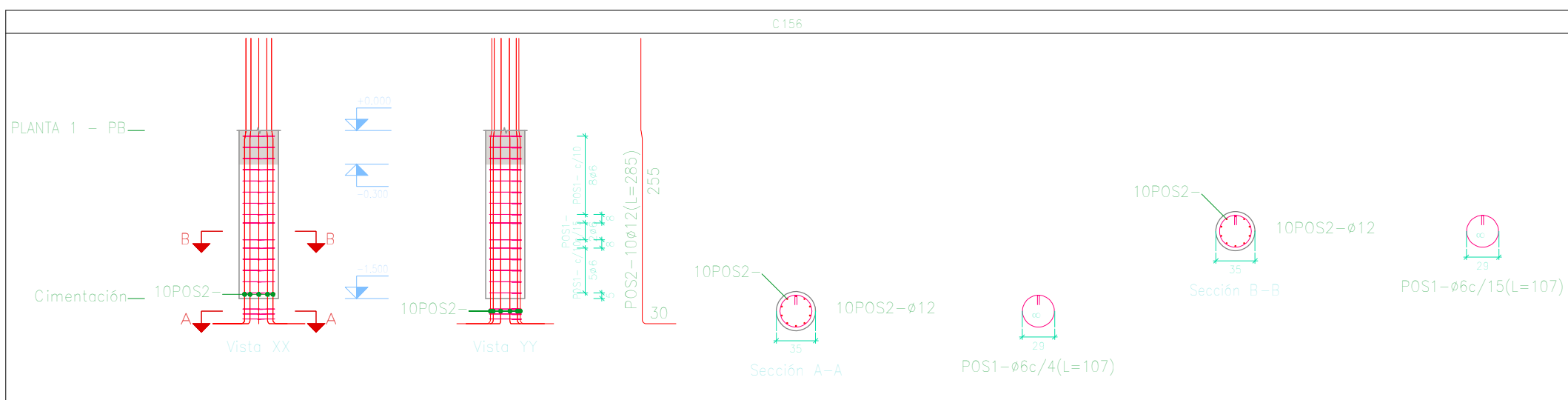
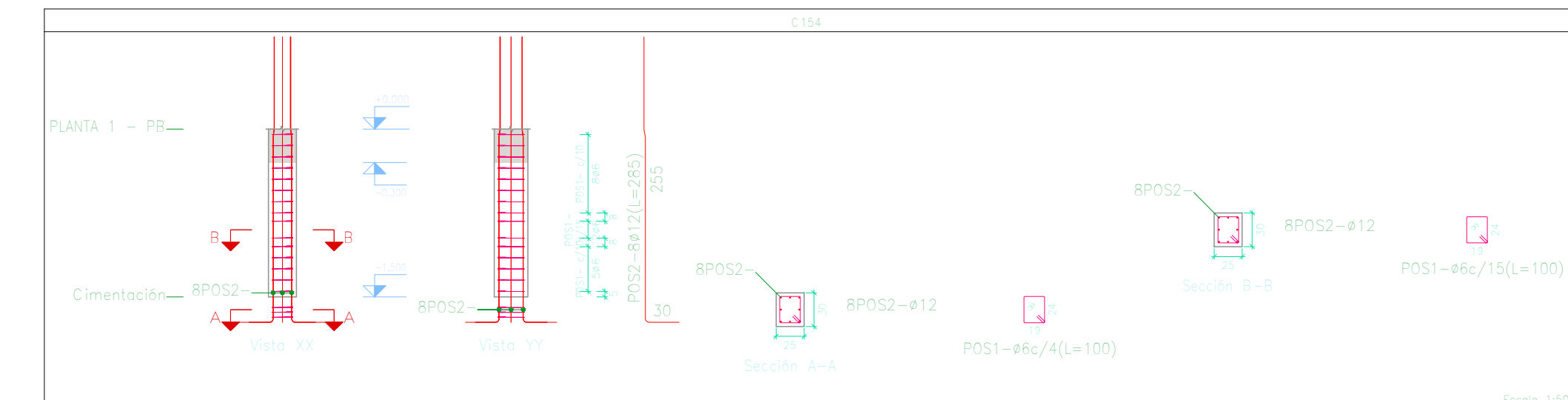
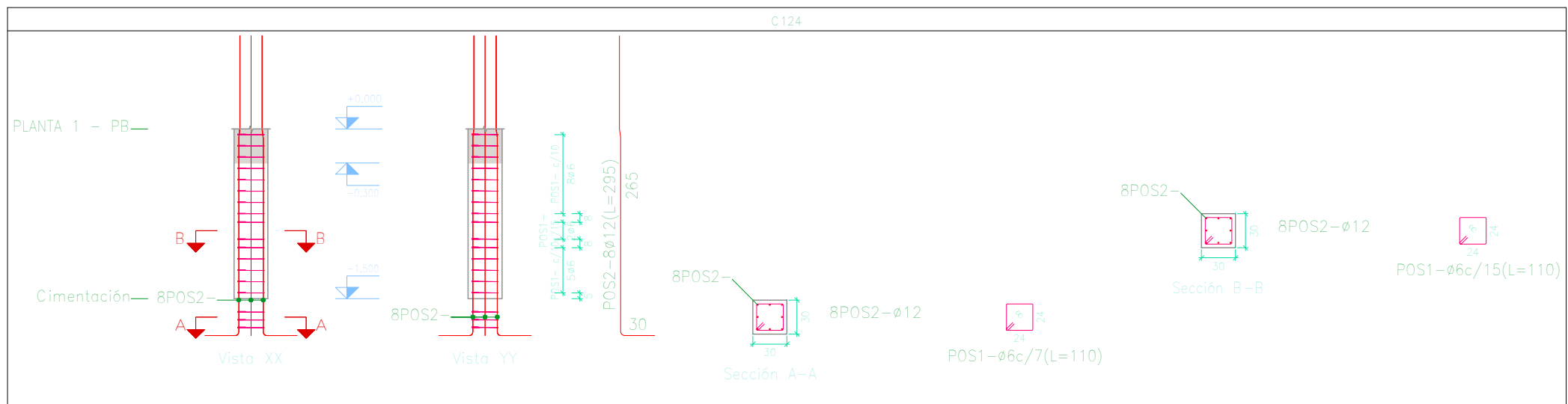
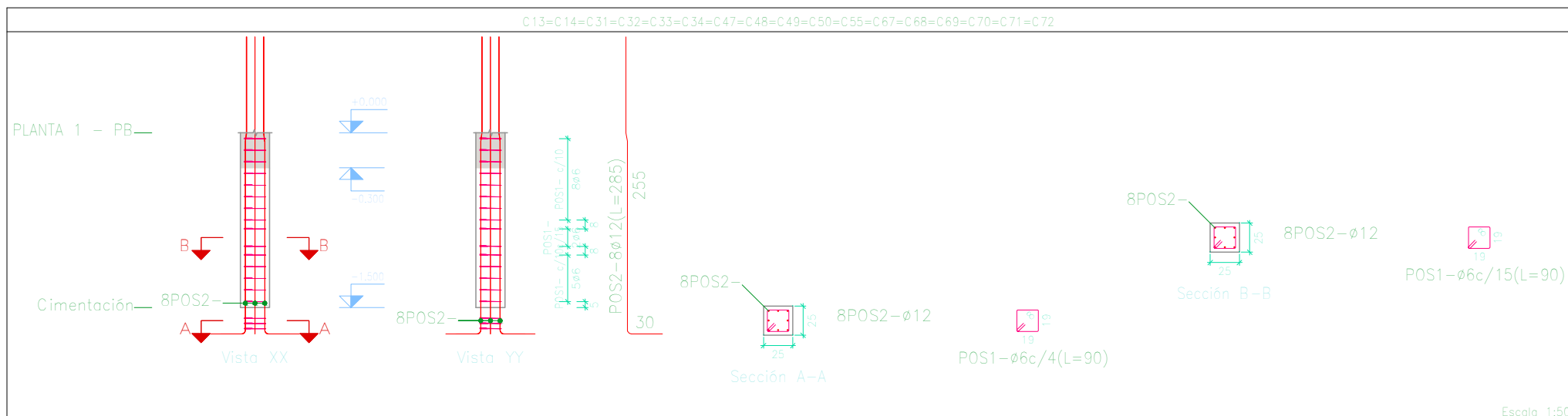
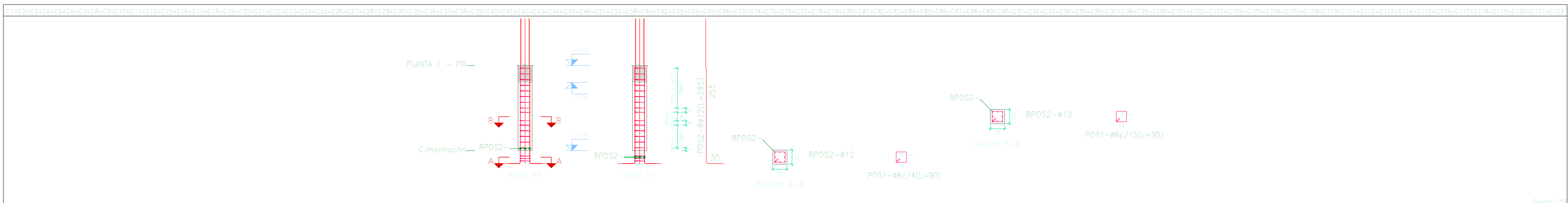


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	4	012	4	167	668	5.0
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PLANO DESPIECE DE PILARES

ESC. 1:50

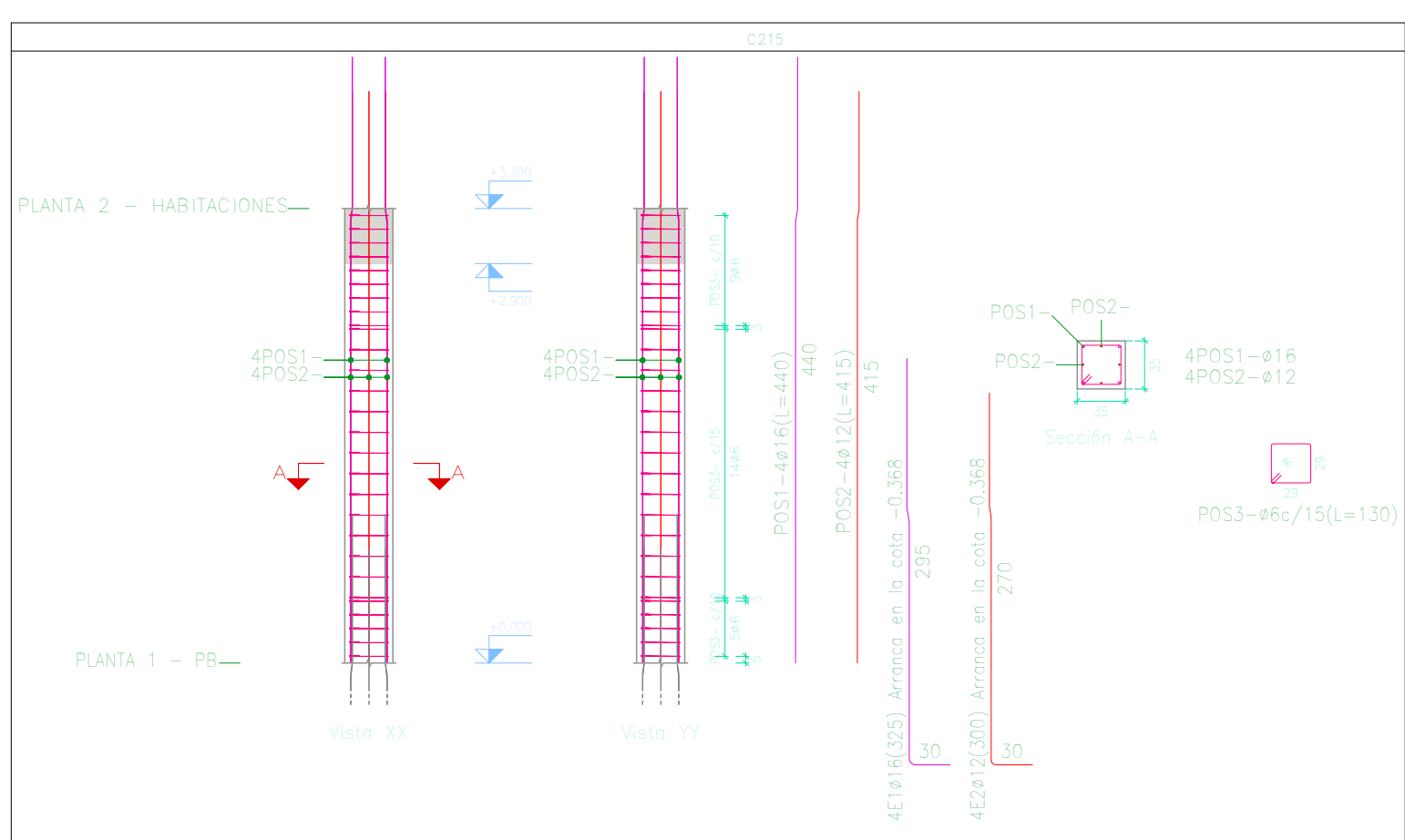
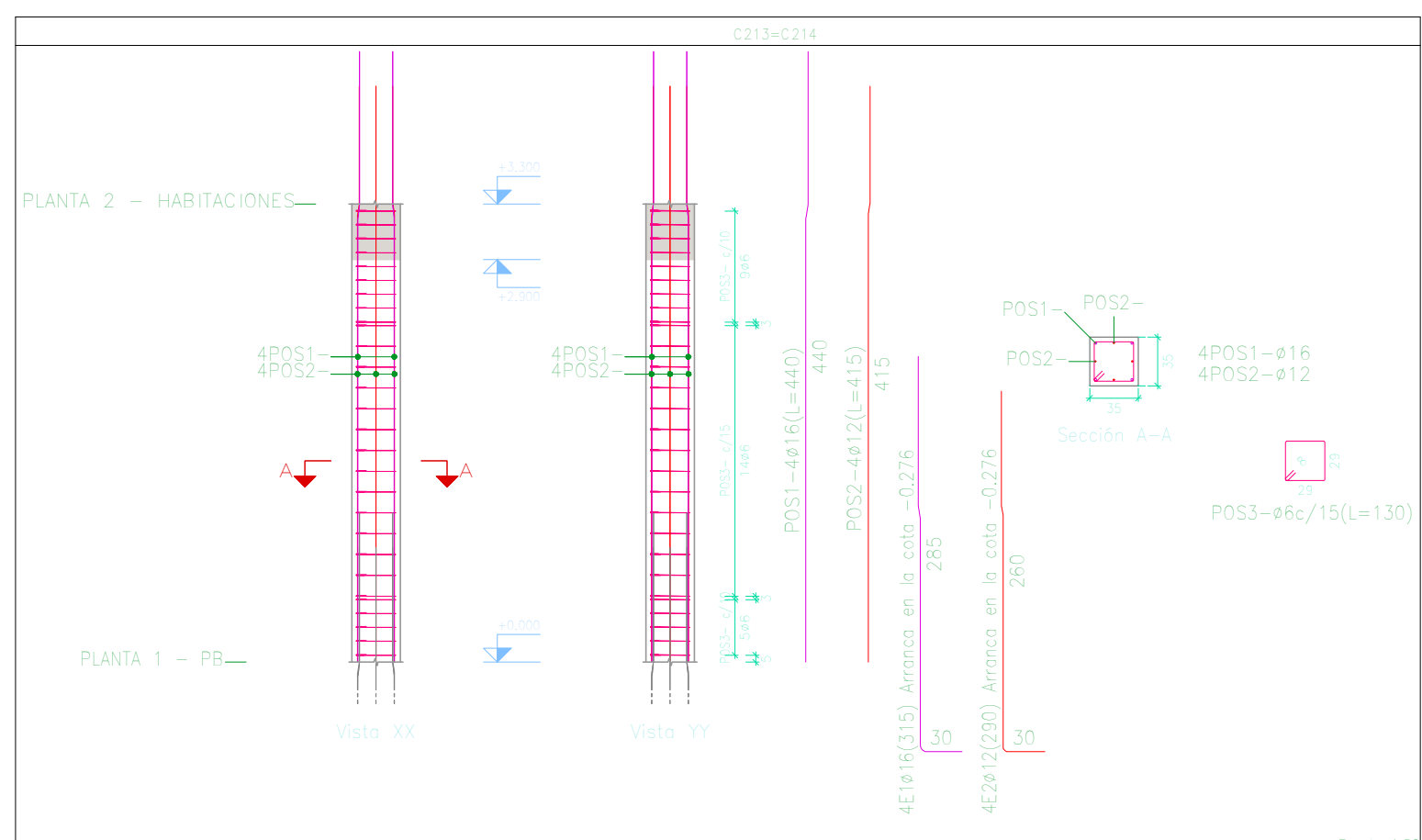
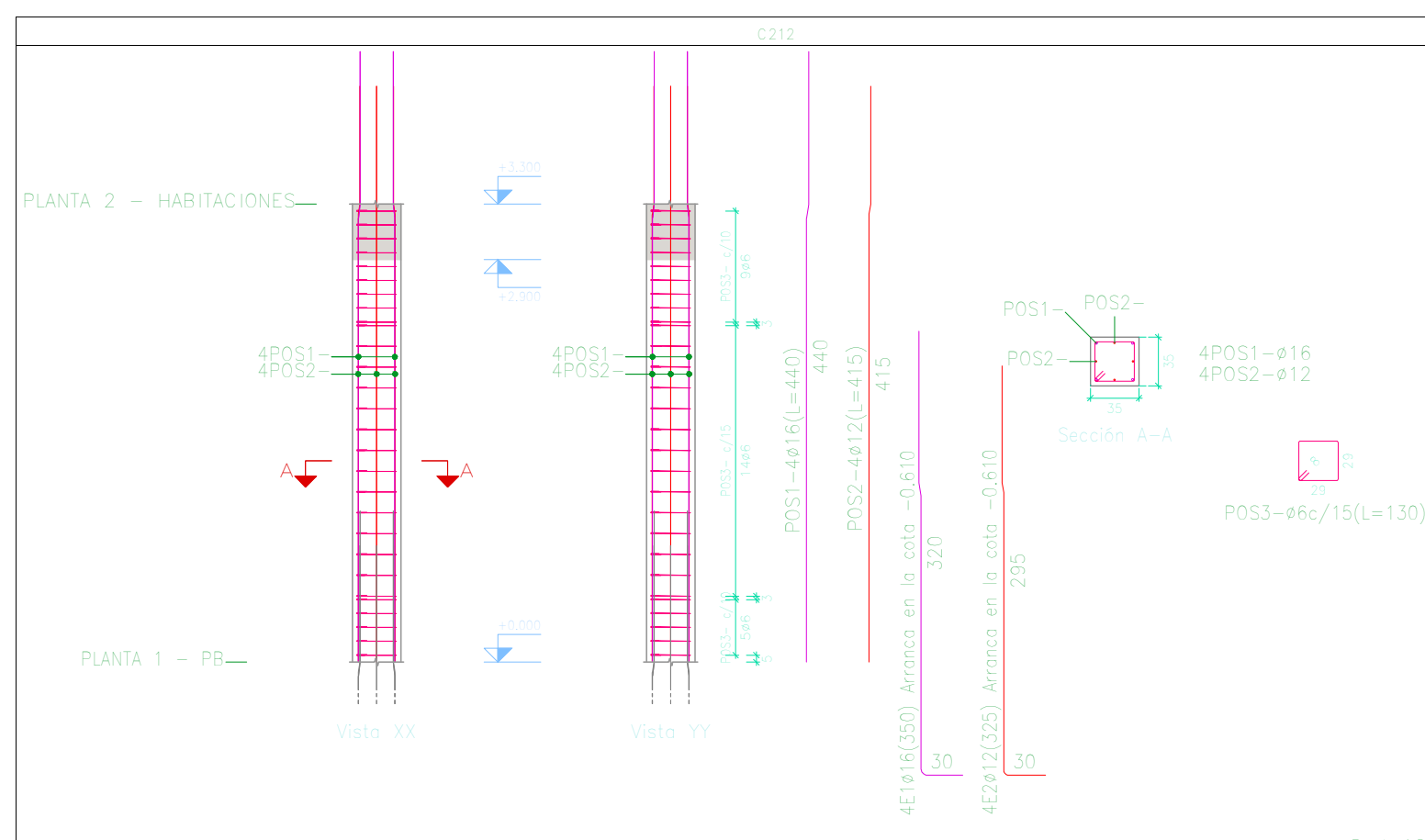
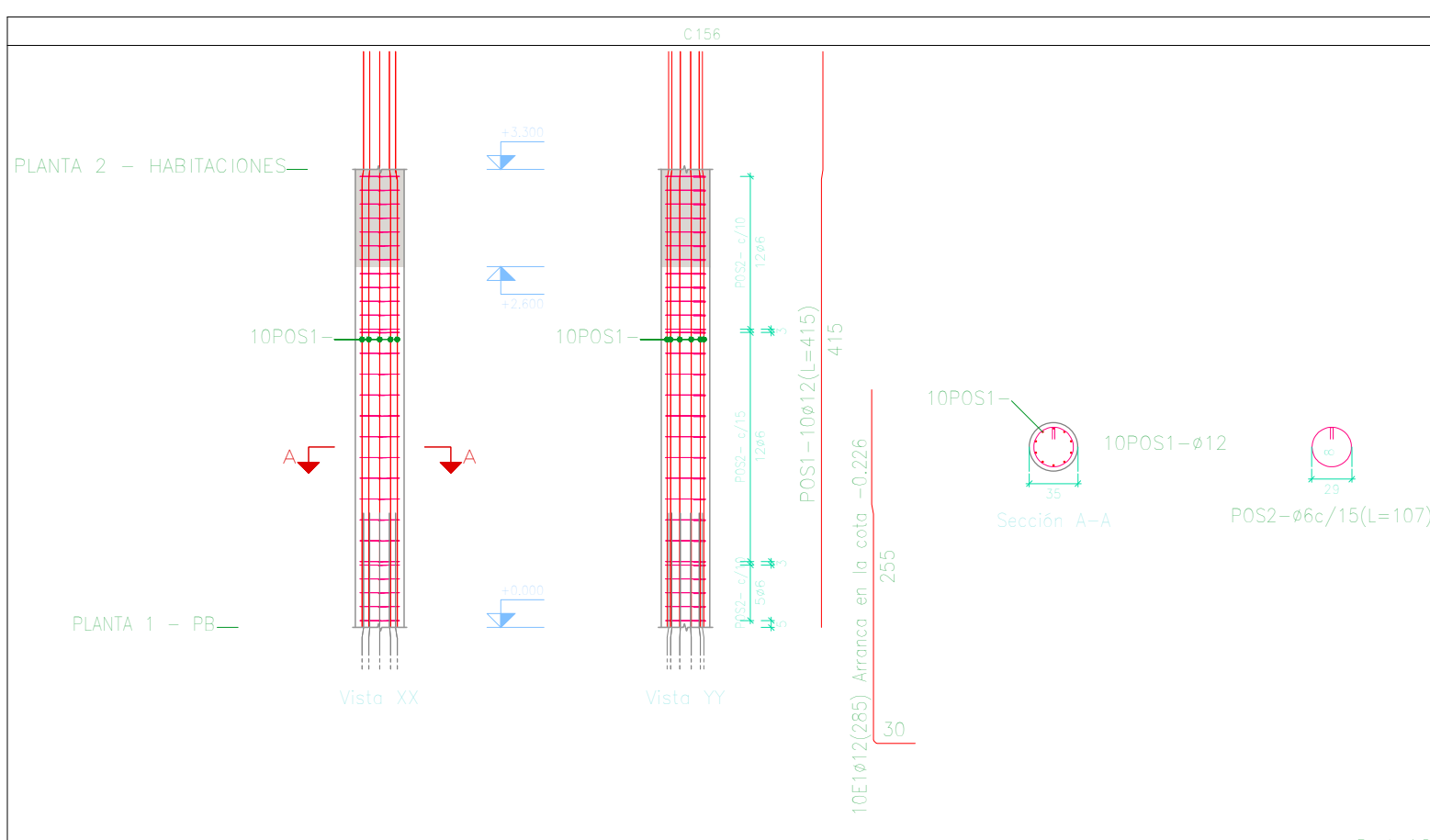
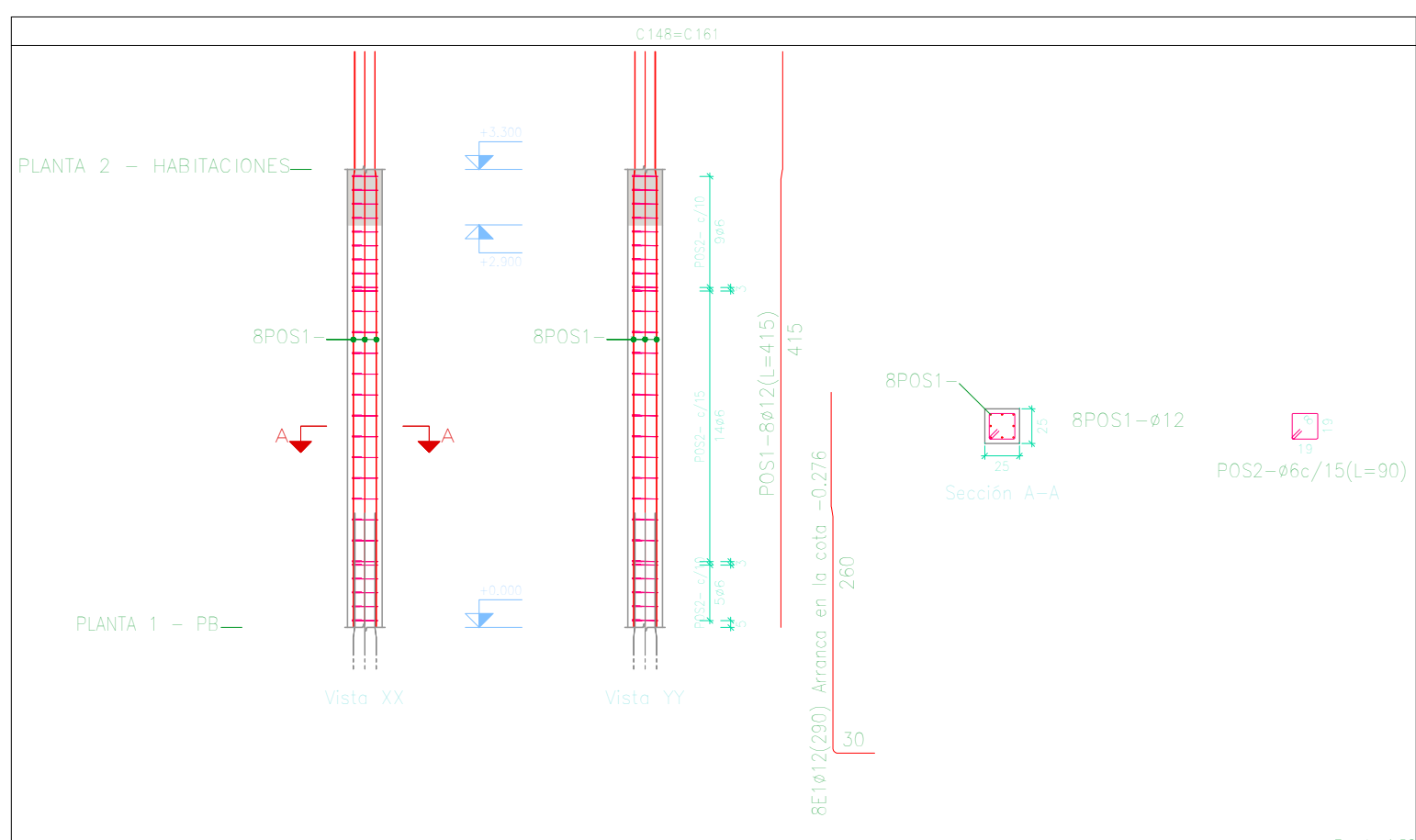
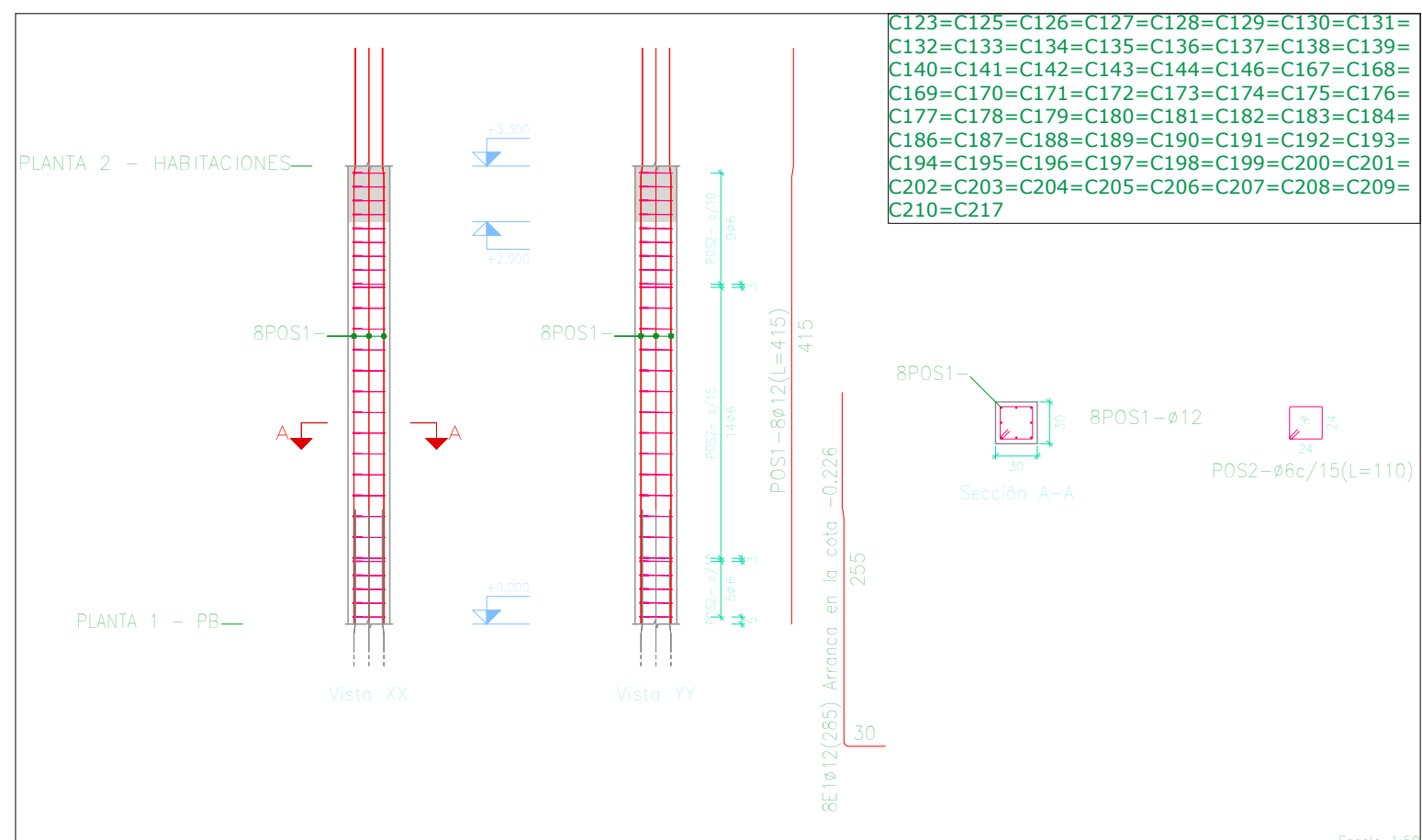
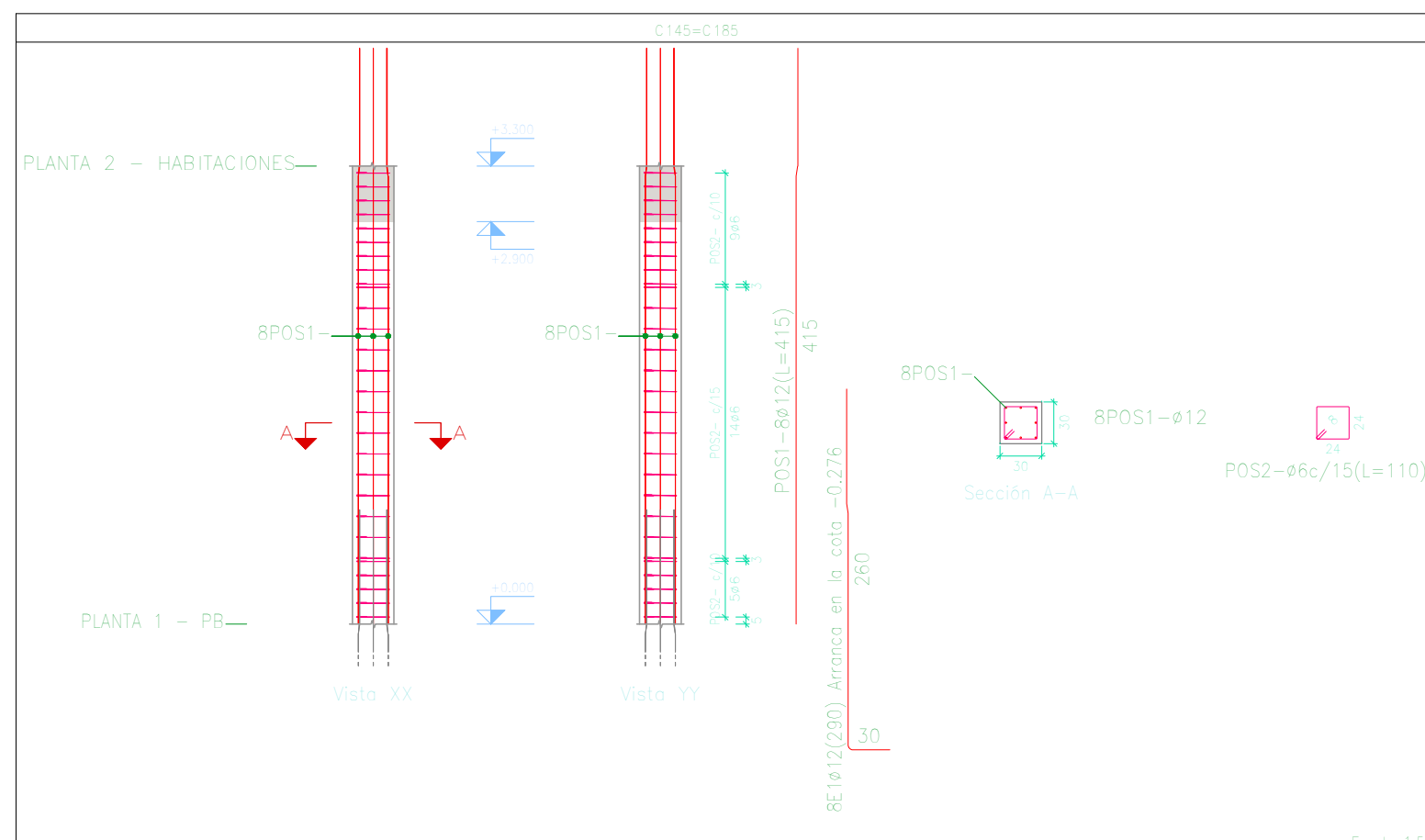
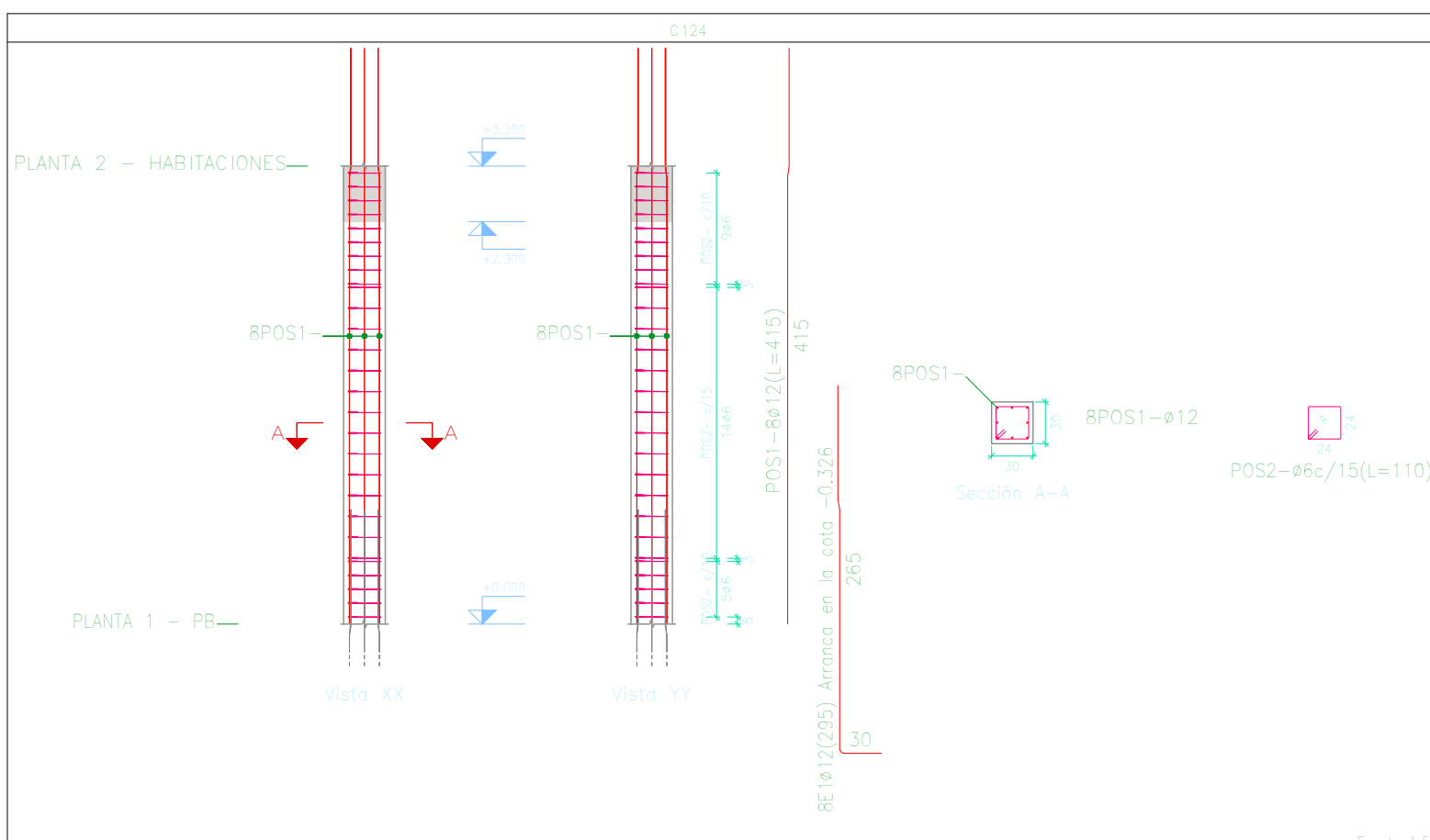
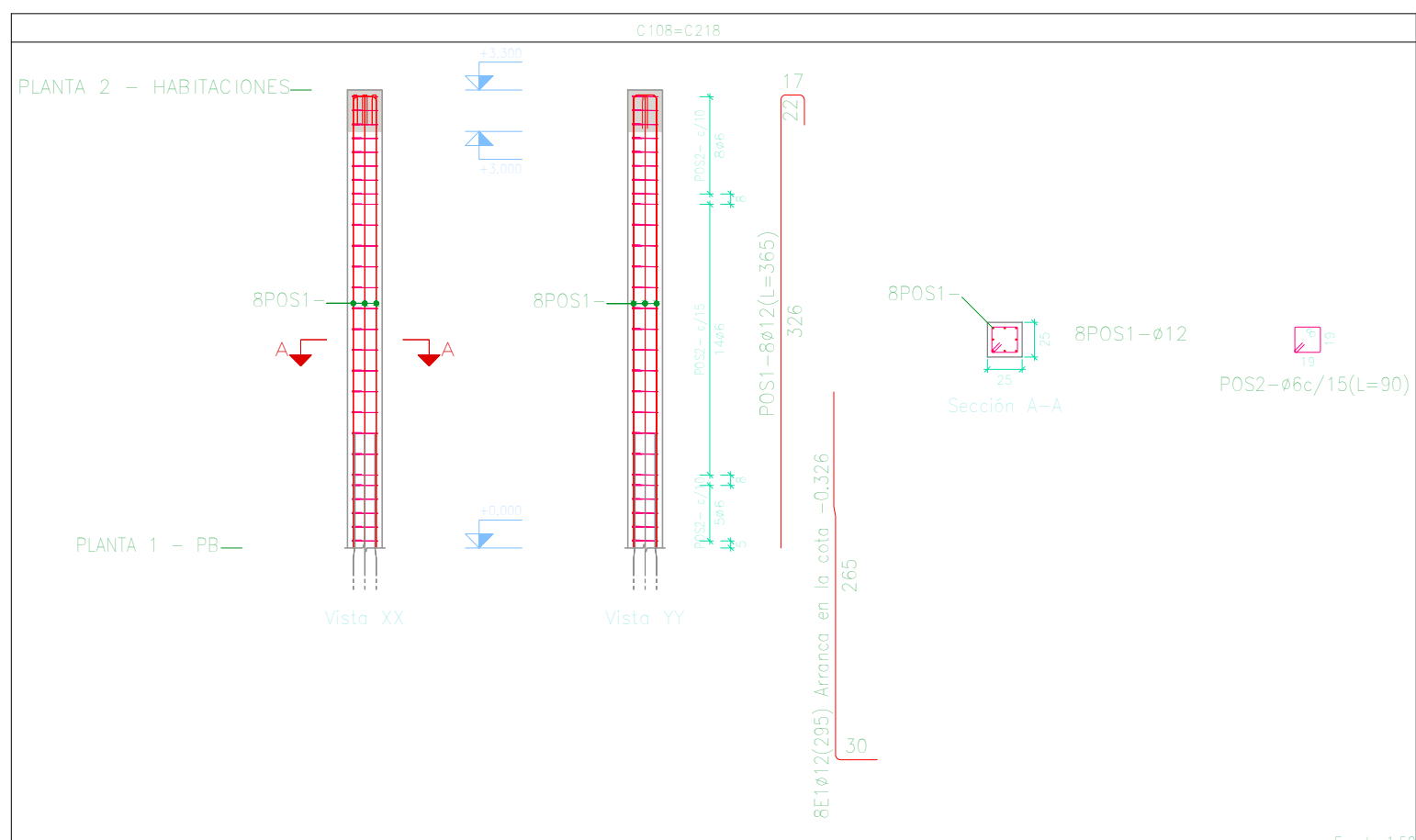
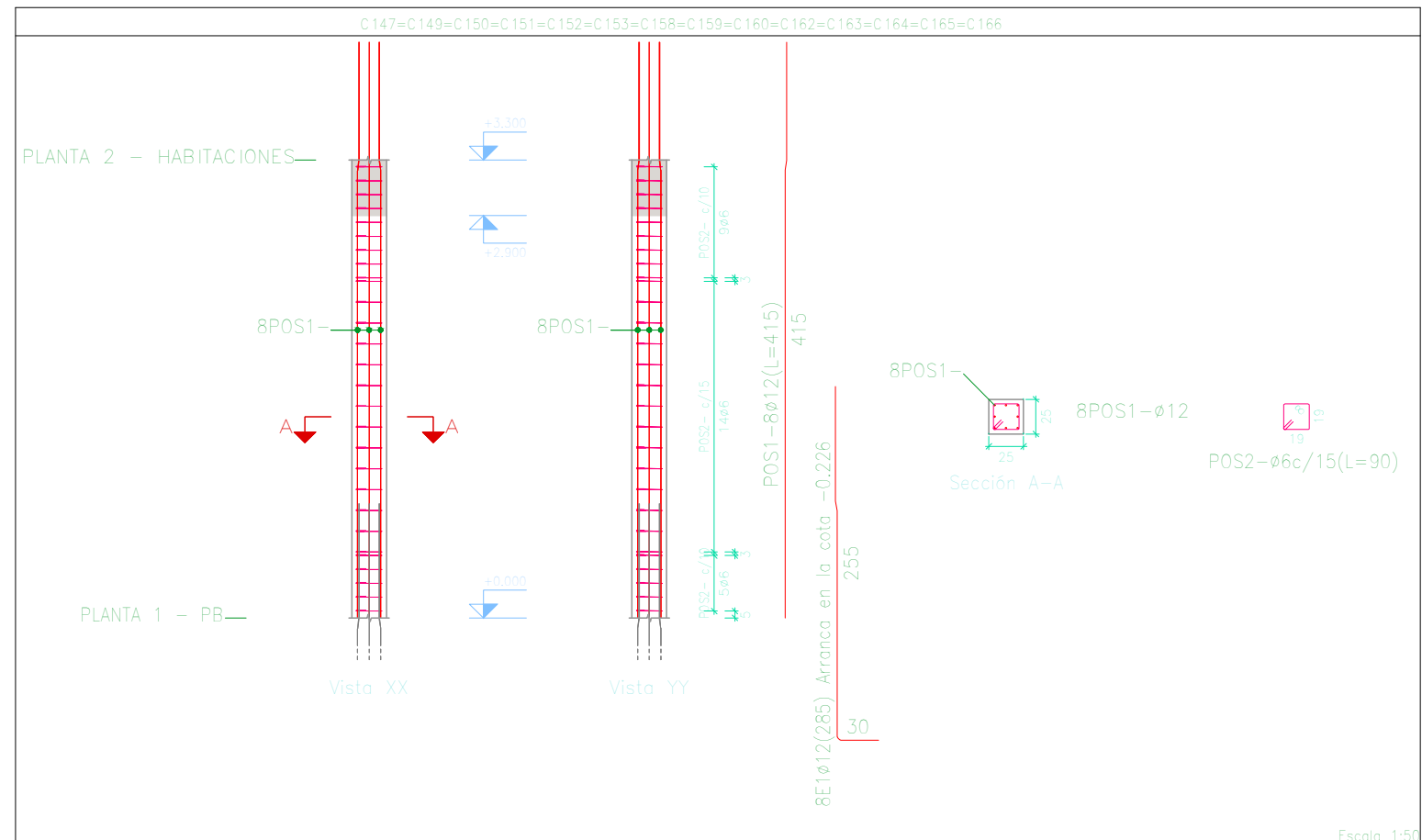
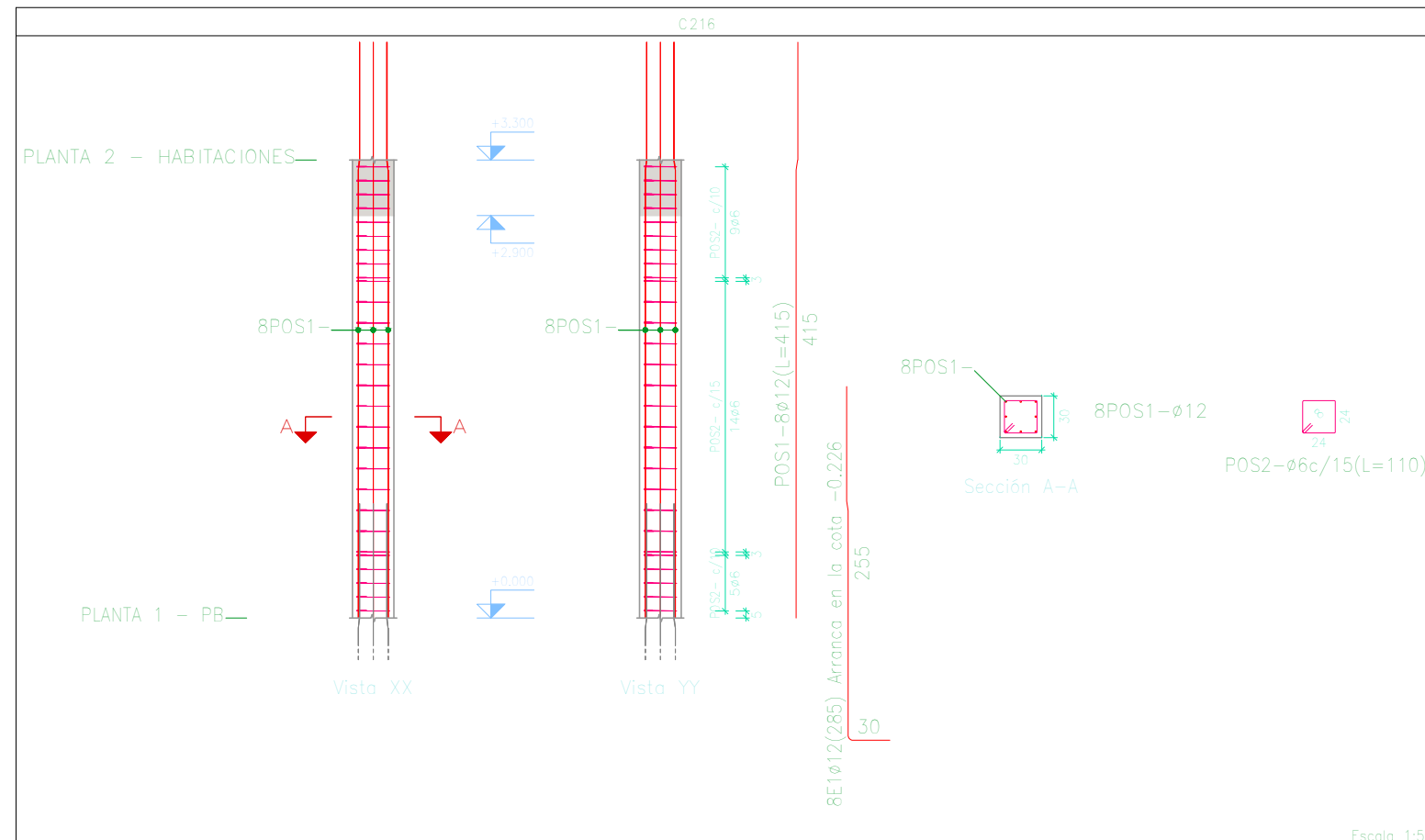
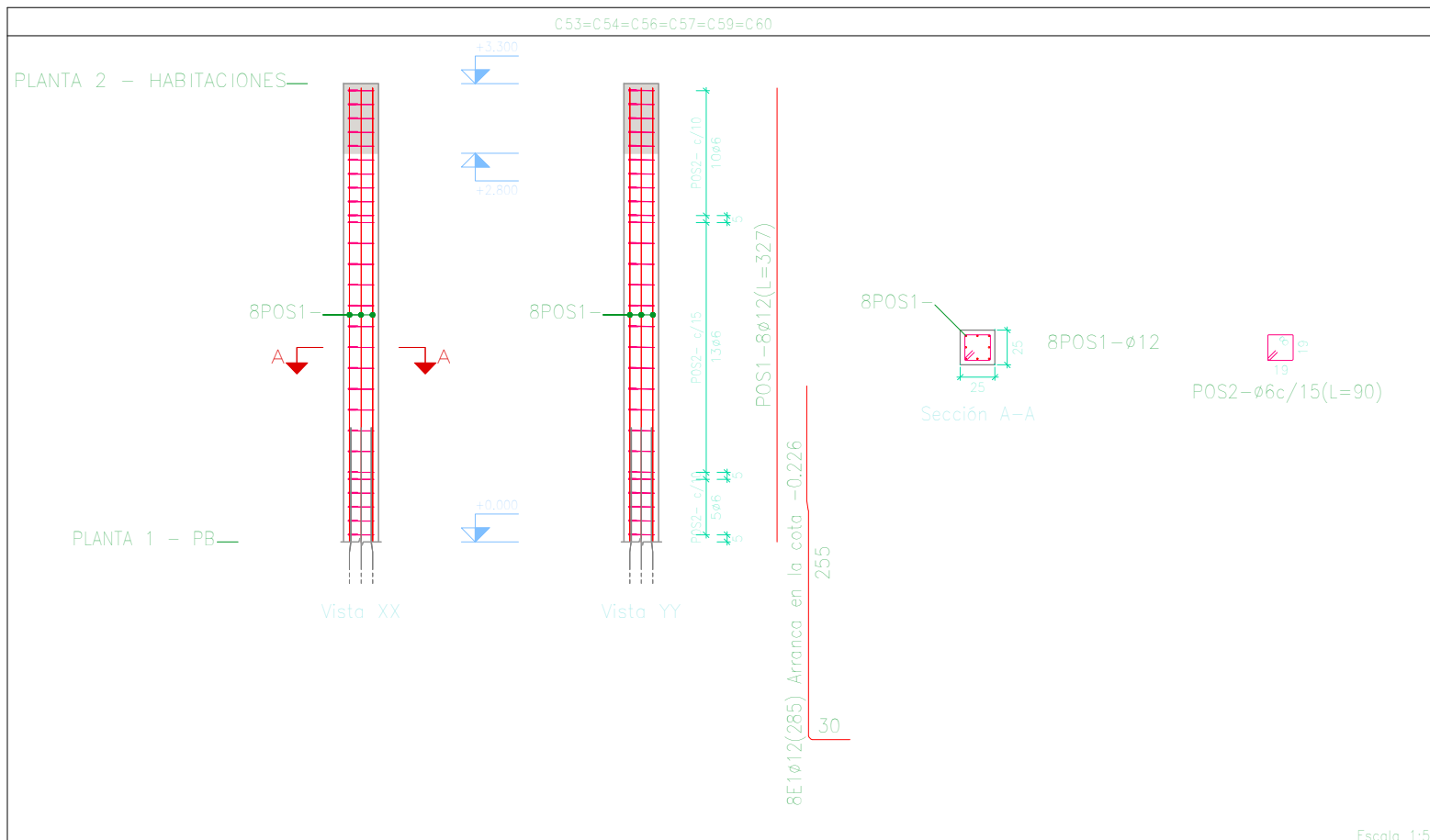
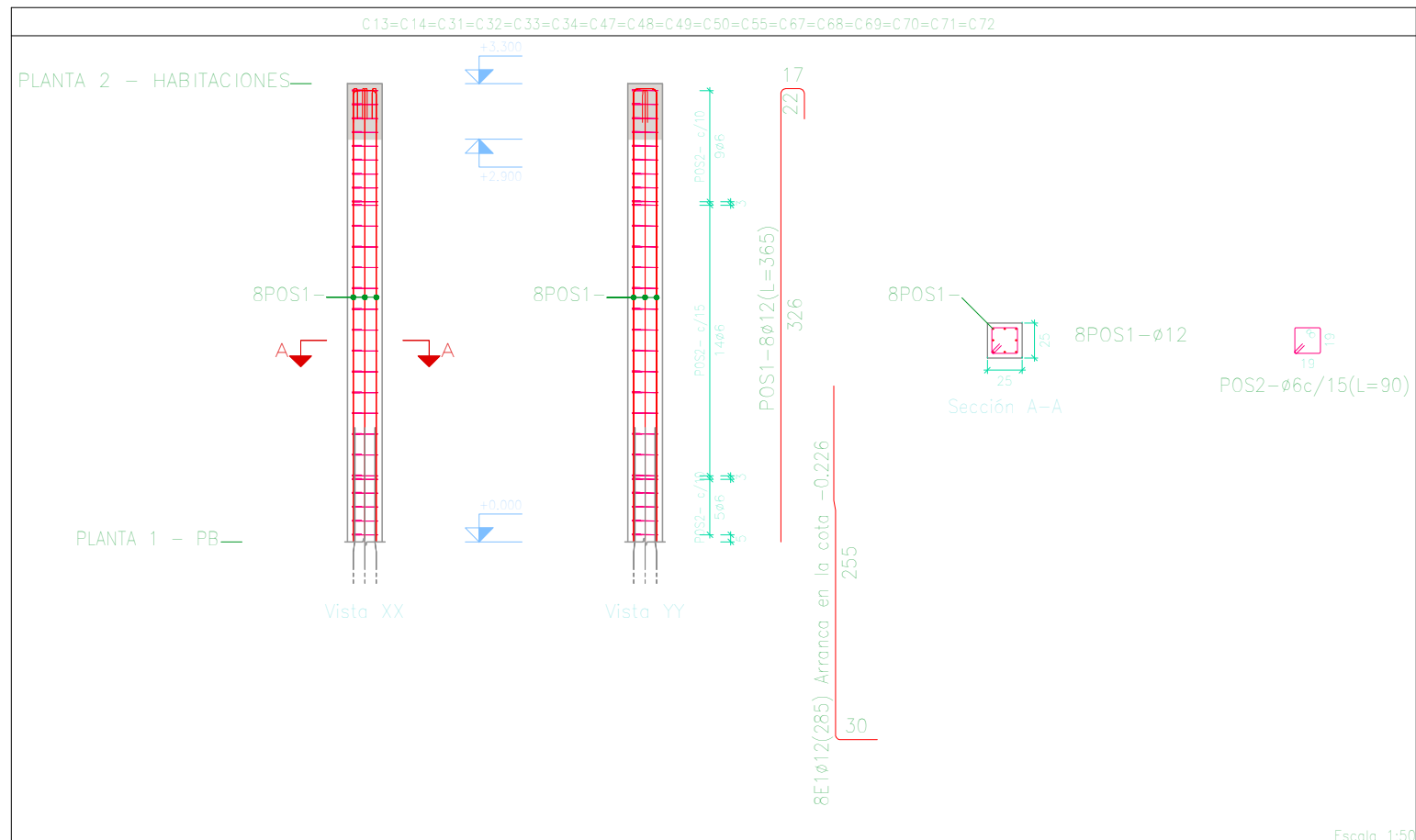
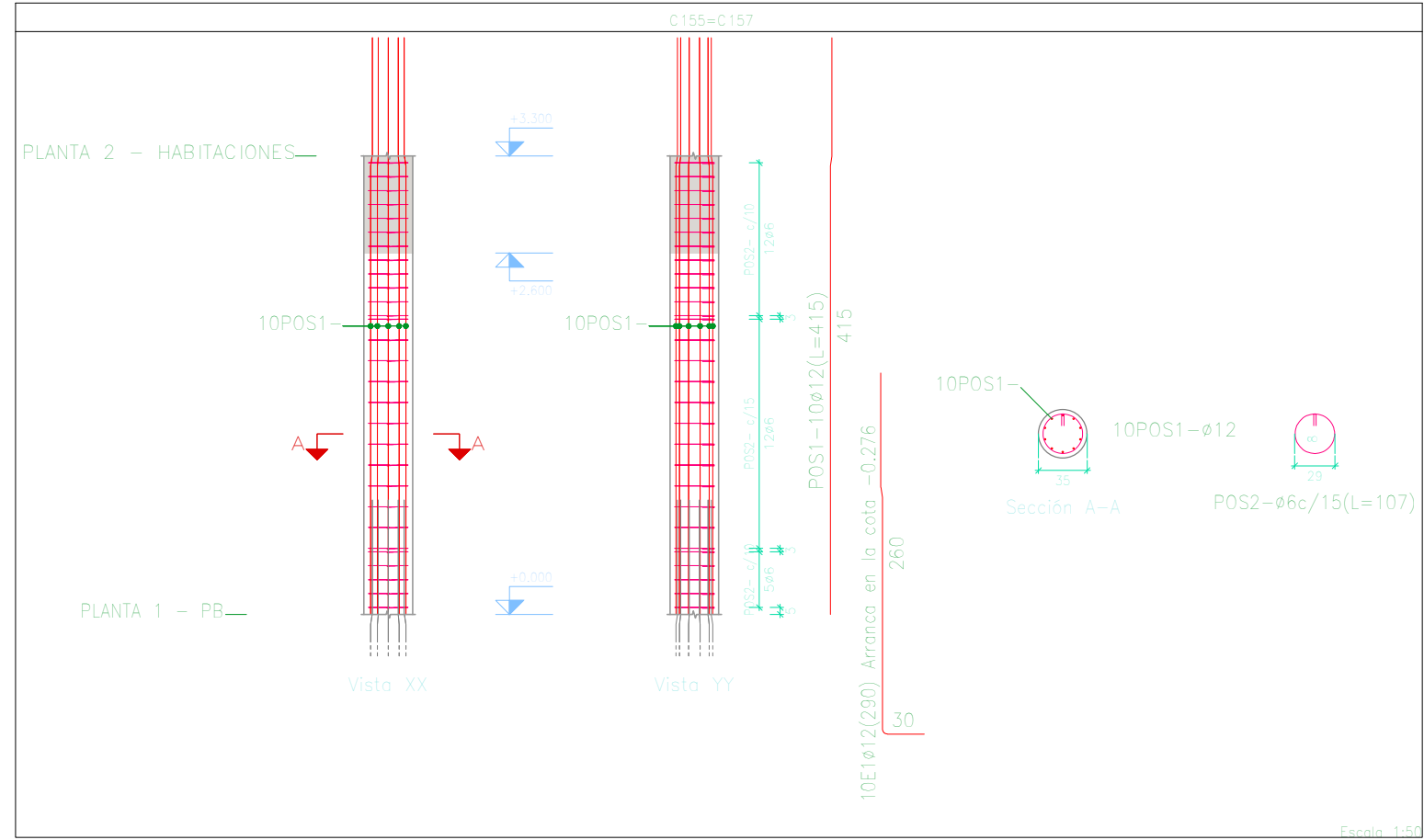
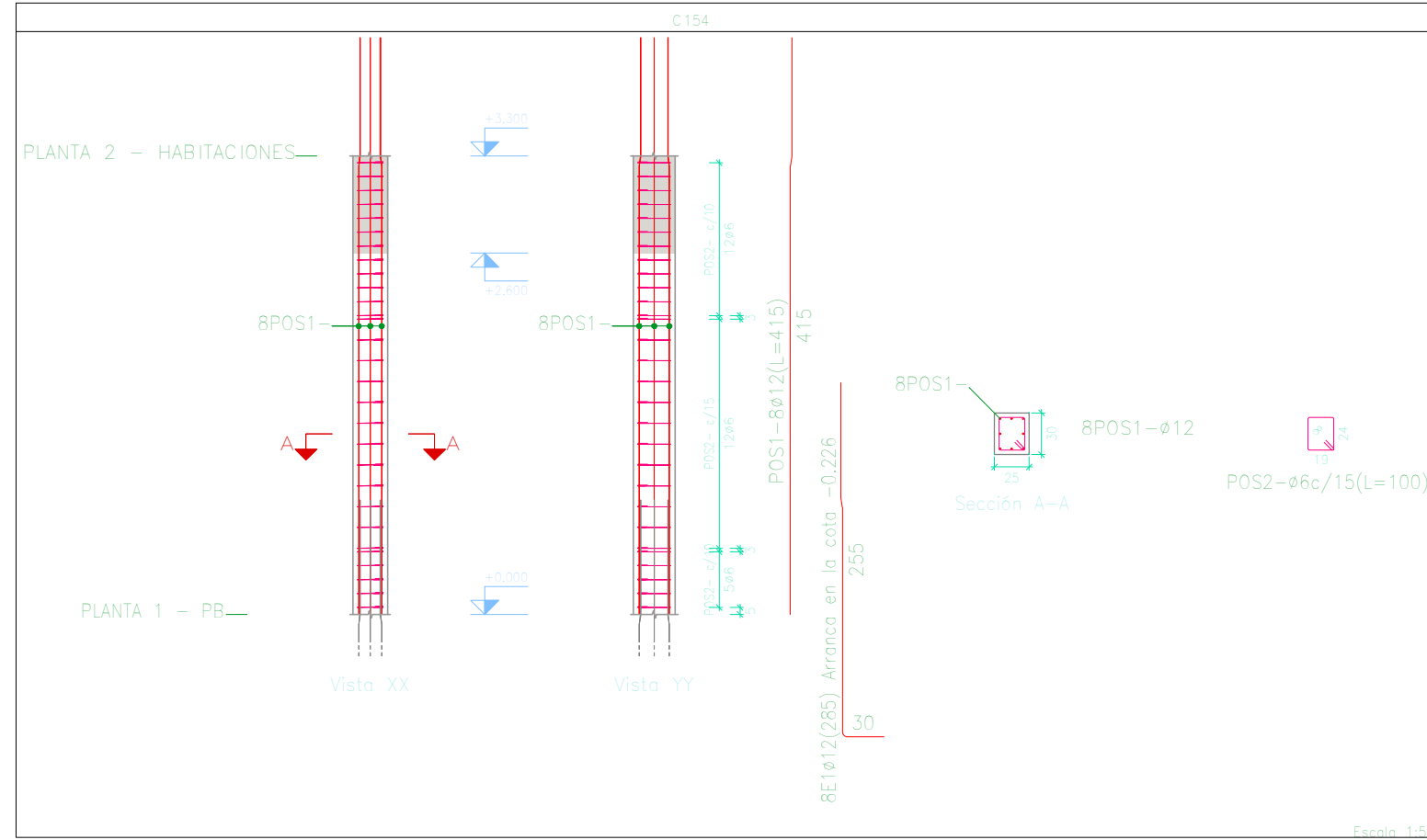
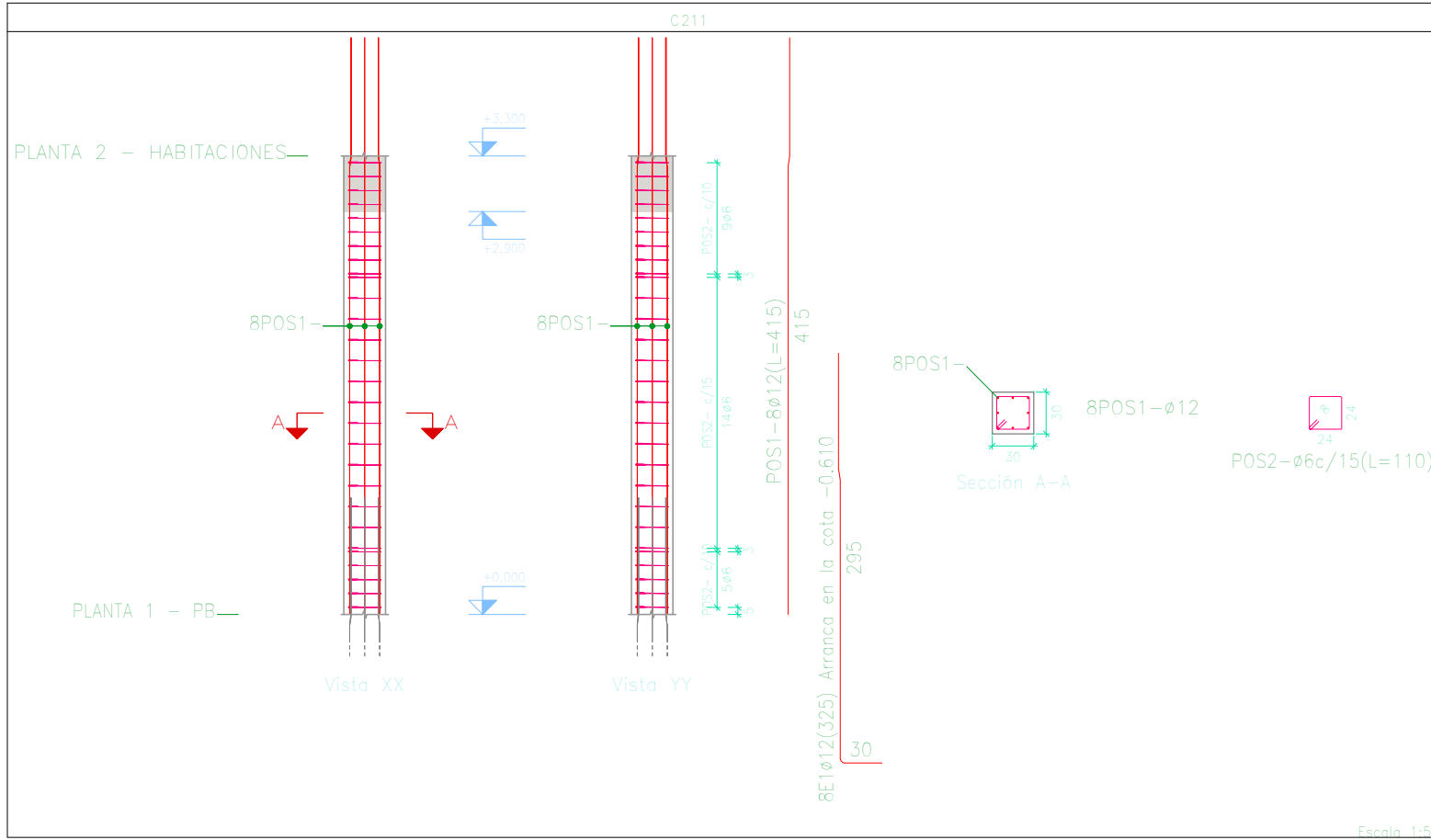
Planta: PLANTA 1 - PB
Hormigón: H-21
Acero en estribos: AH-500



Elemento	Pos	Dim	Nº	Esquema (cm)	Long (cm)	Total (cm)	Alt-500 (kg)
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98	412	8	1	10	10	10	10
99	412	8	1	10	10	10	10
100	412	8	1	10	10	10	10

Resumen	Acero	Long. total (m)	Peso+8% (kg)	Total
AH-500	86	3827.0	917	1014
812	4952.7	4749	1014	1014
816	52.2	89	5755	1014

ESC. 1:50

[illegible]

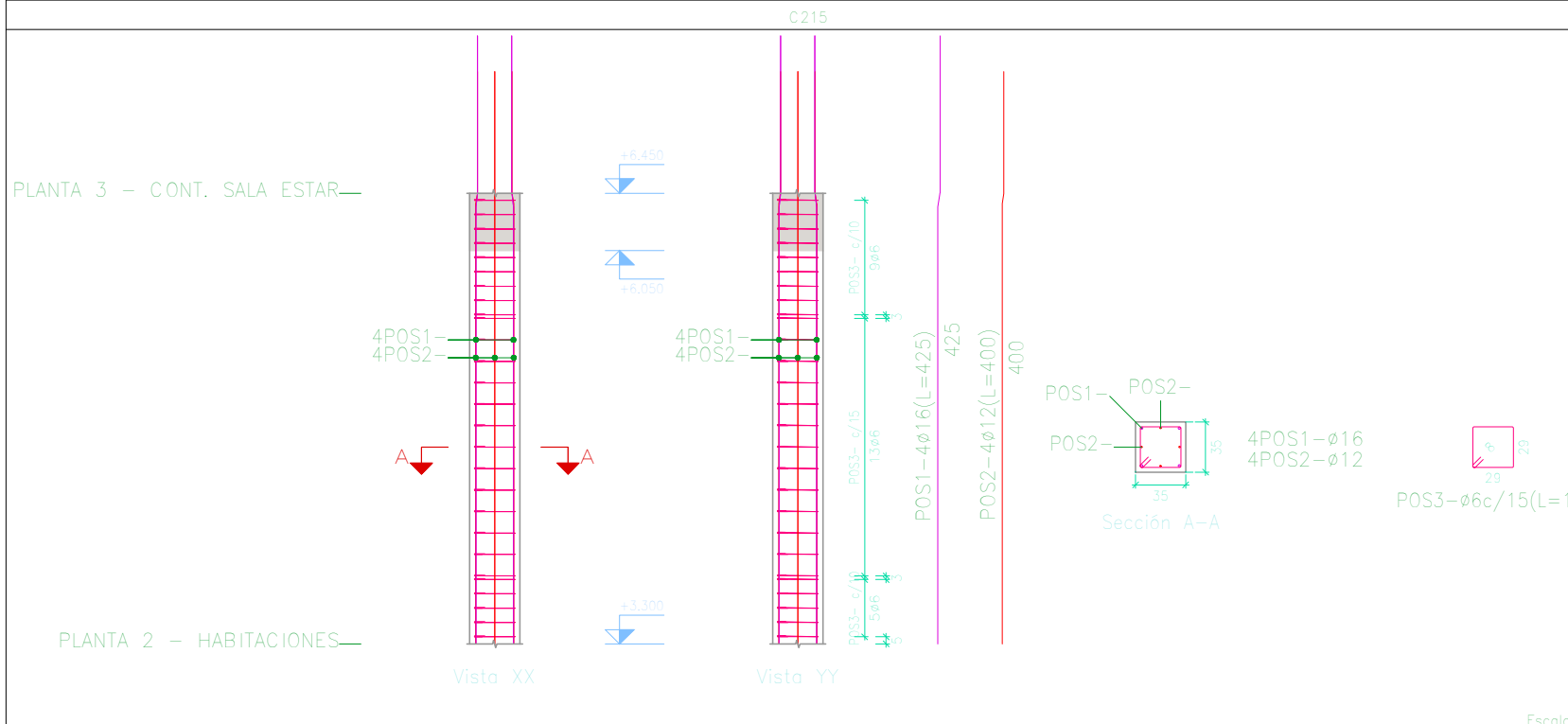
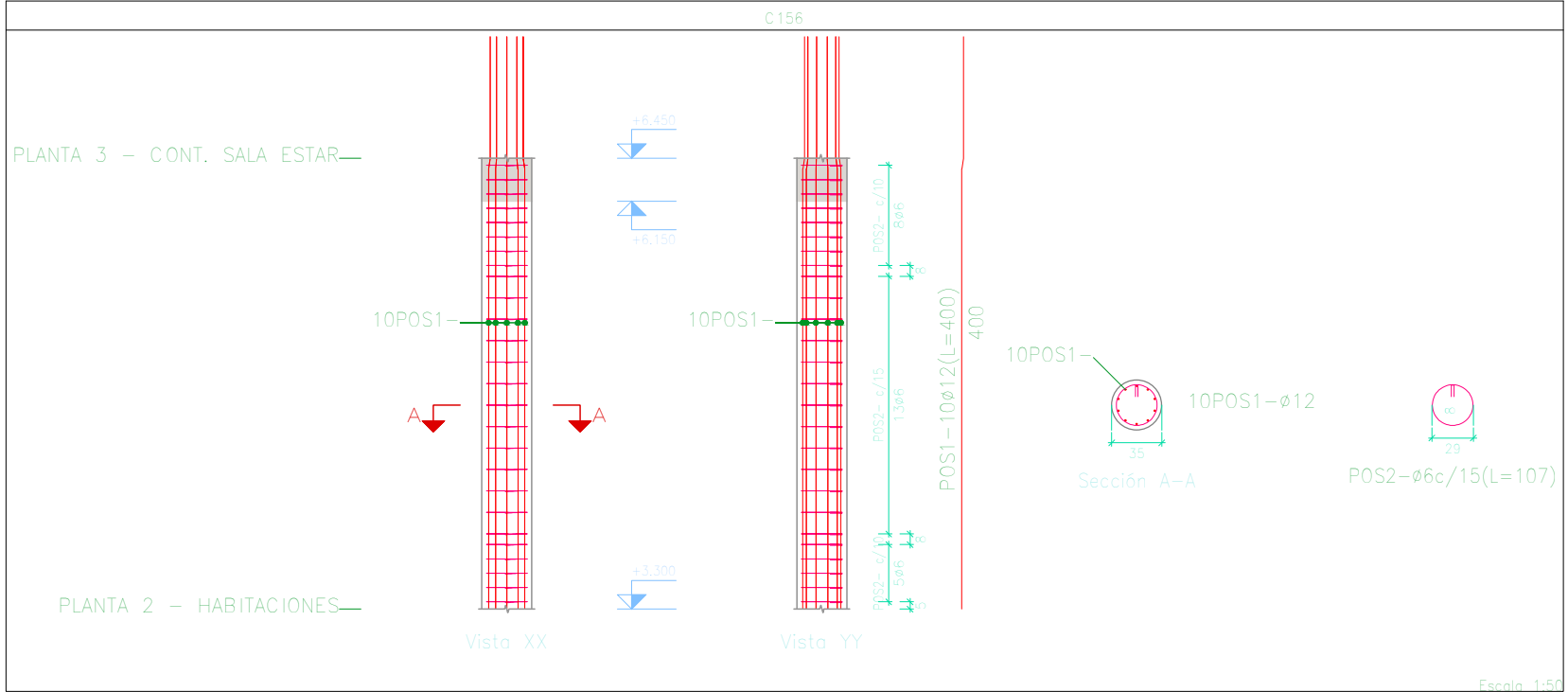
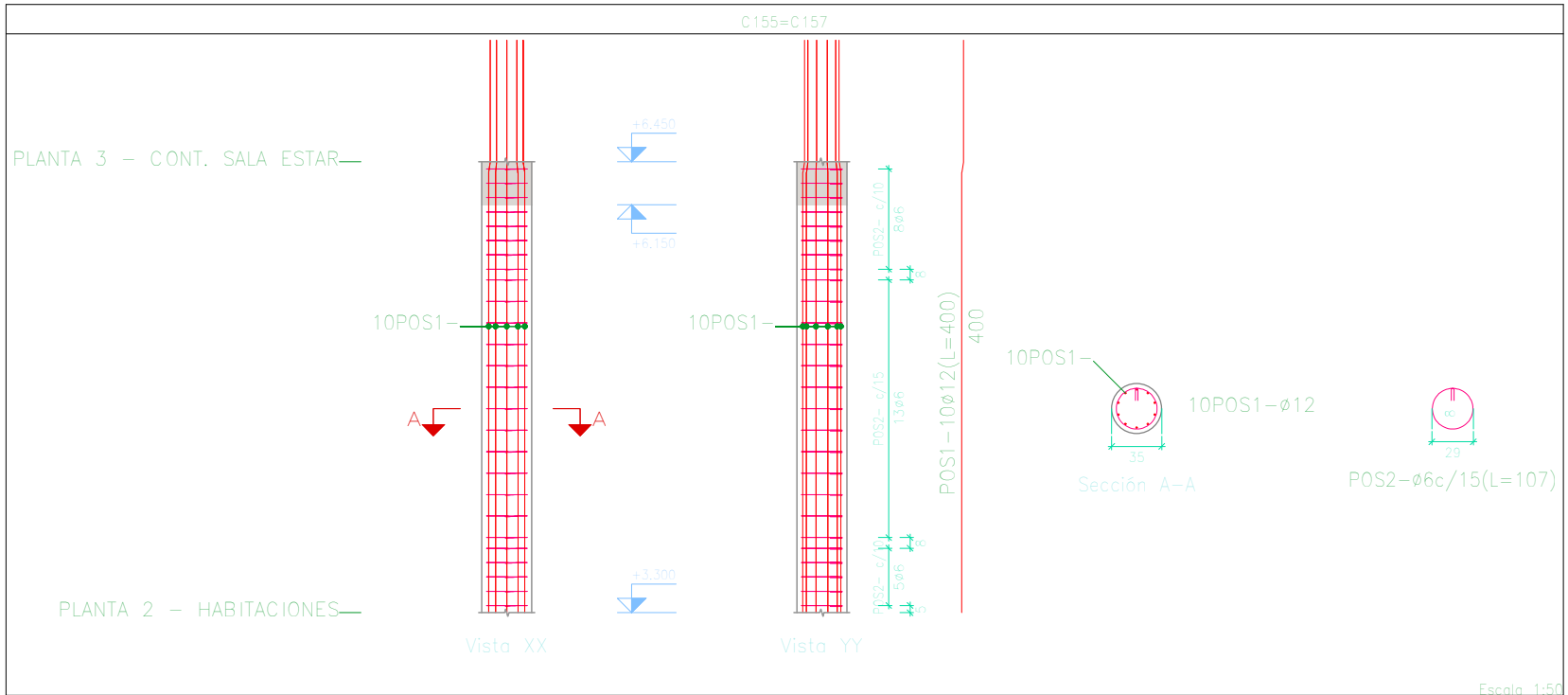
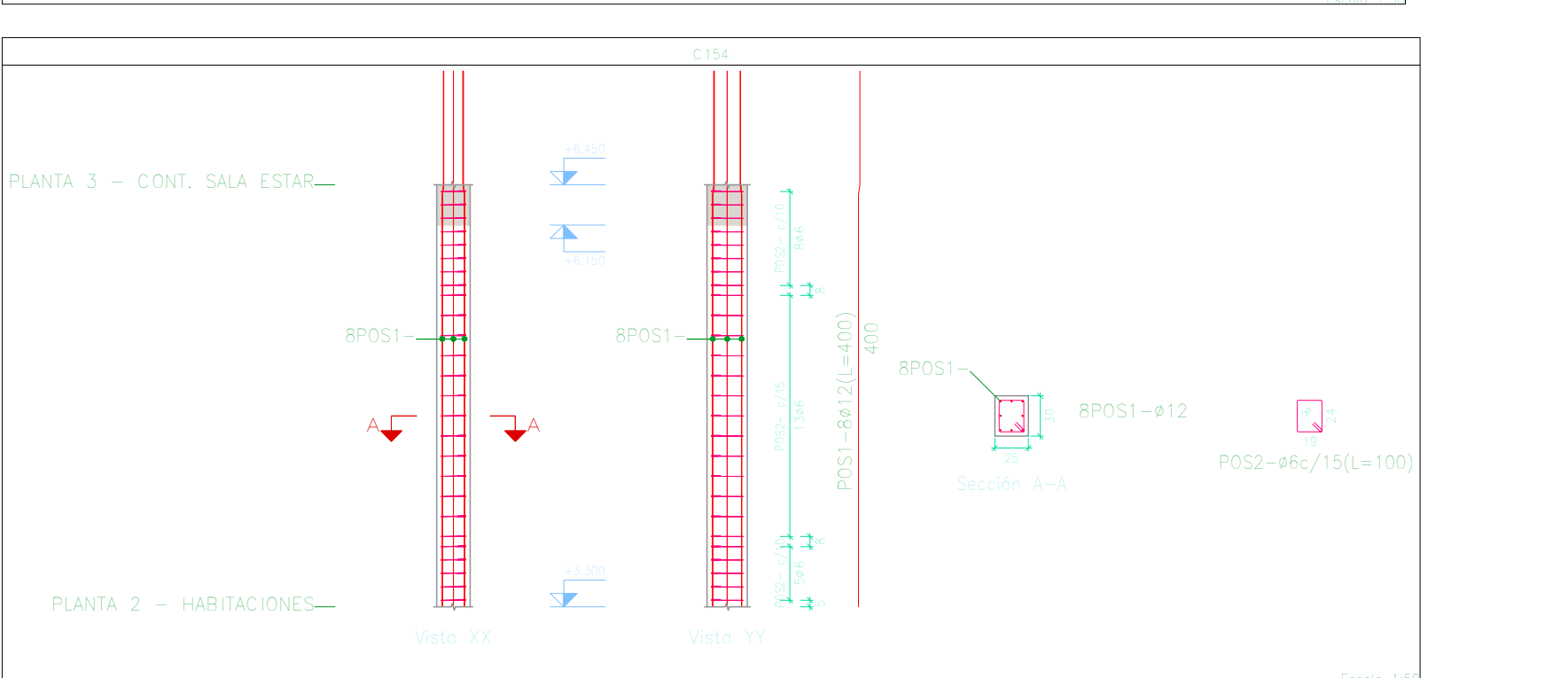
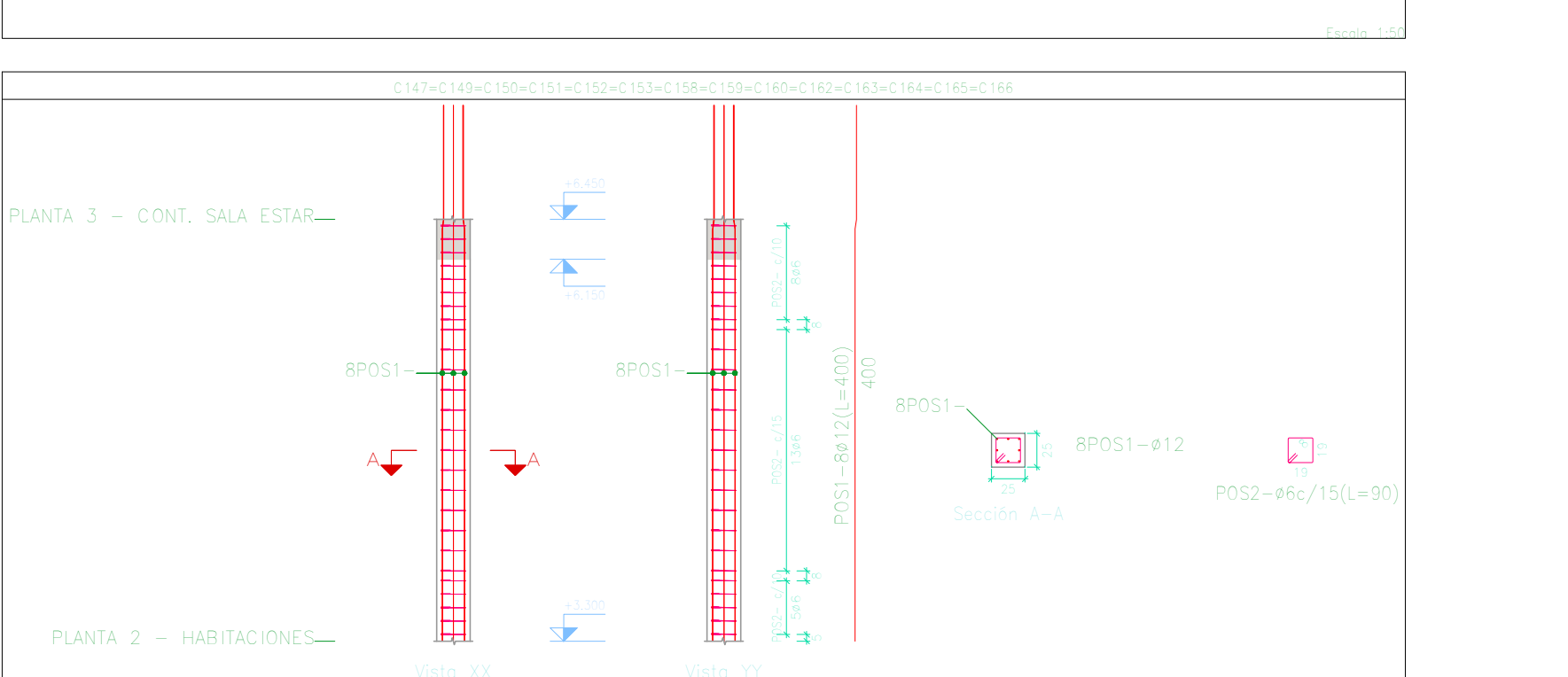
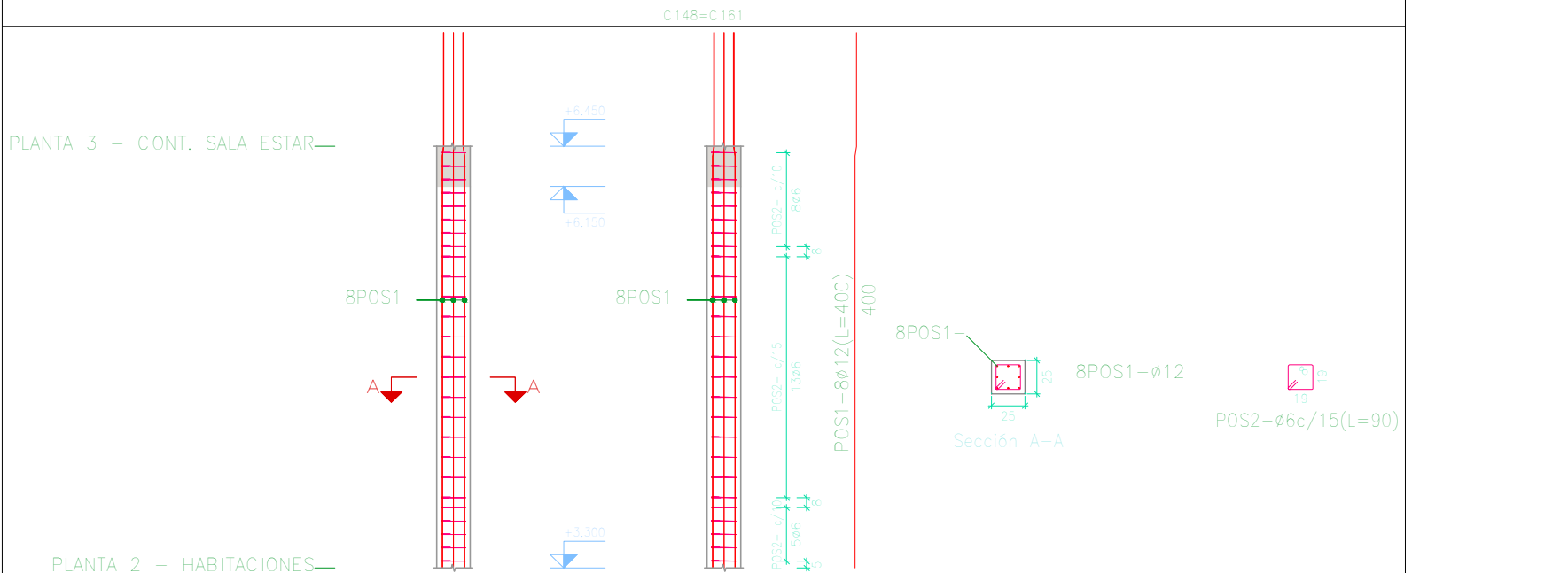
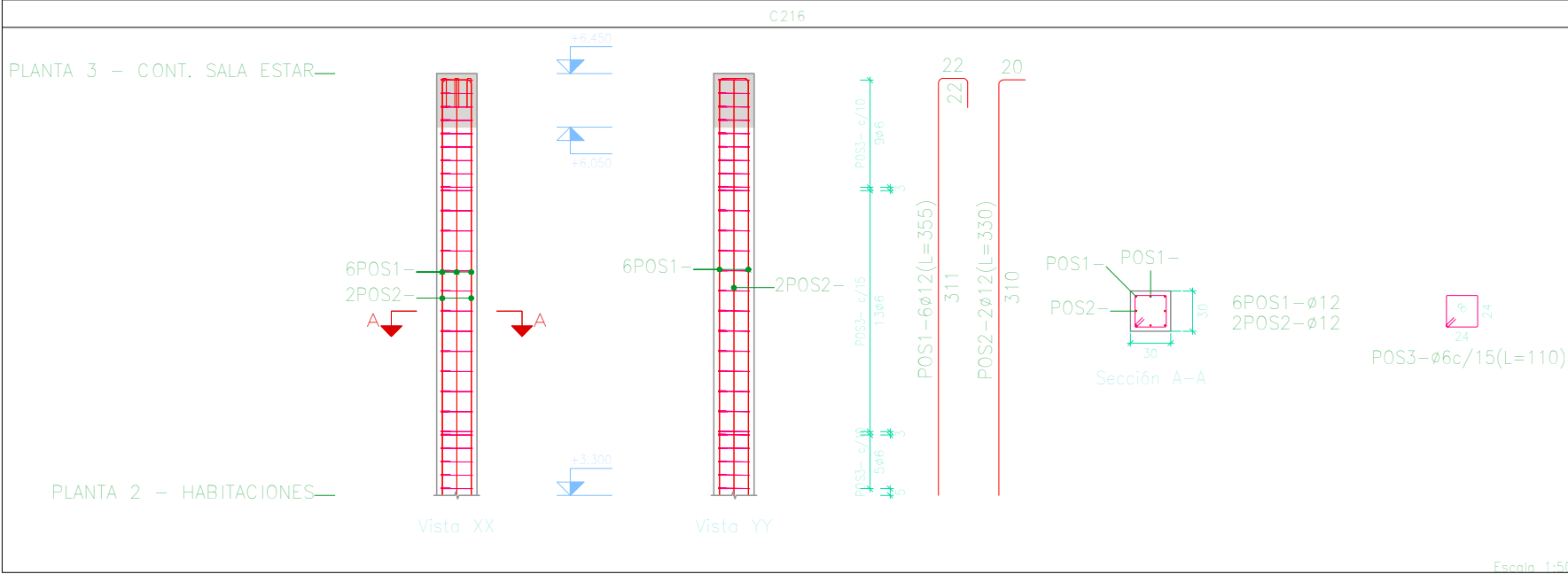
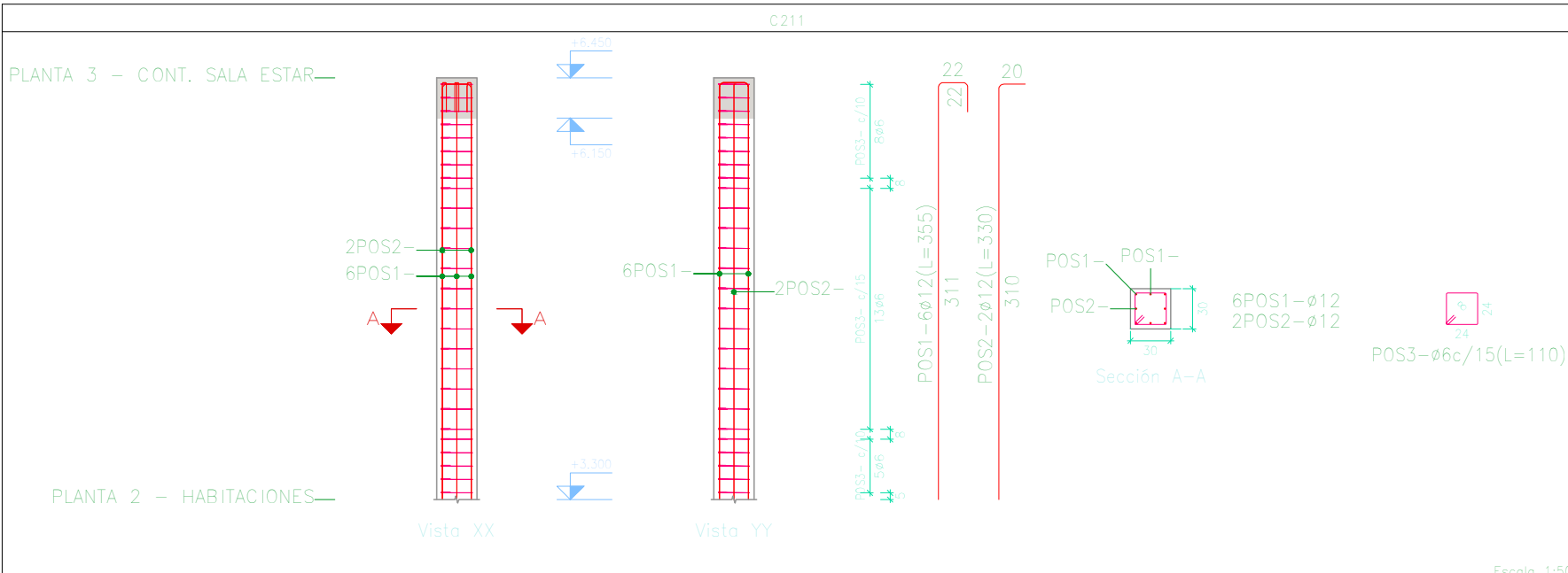
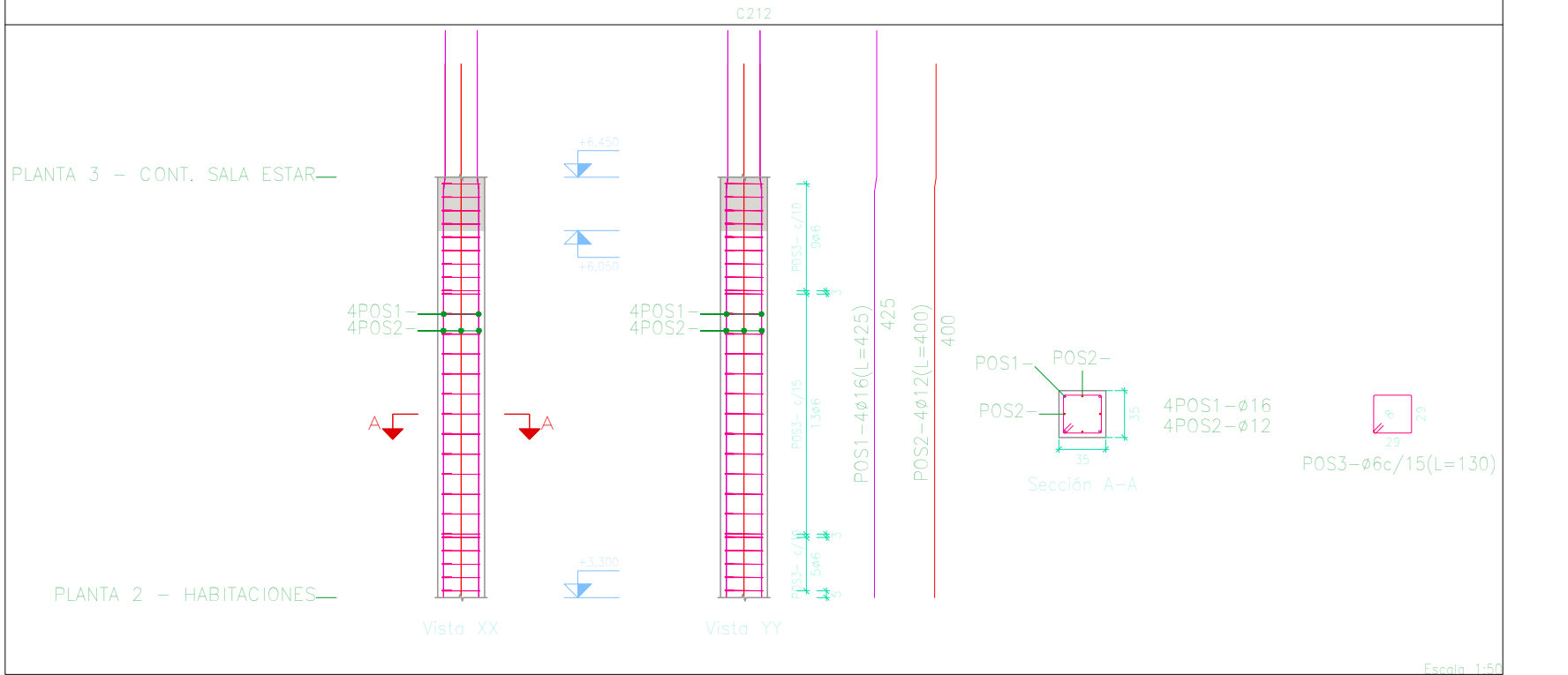
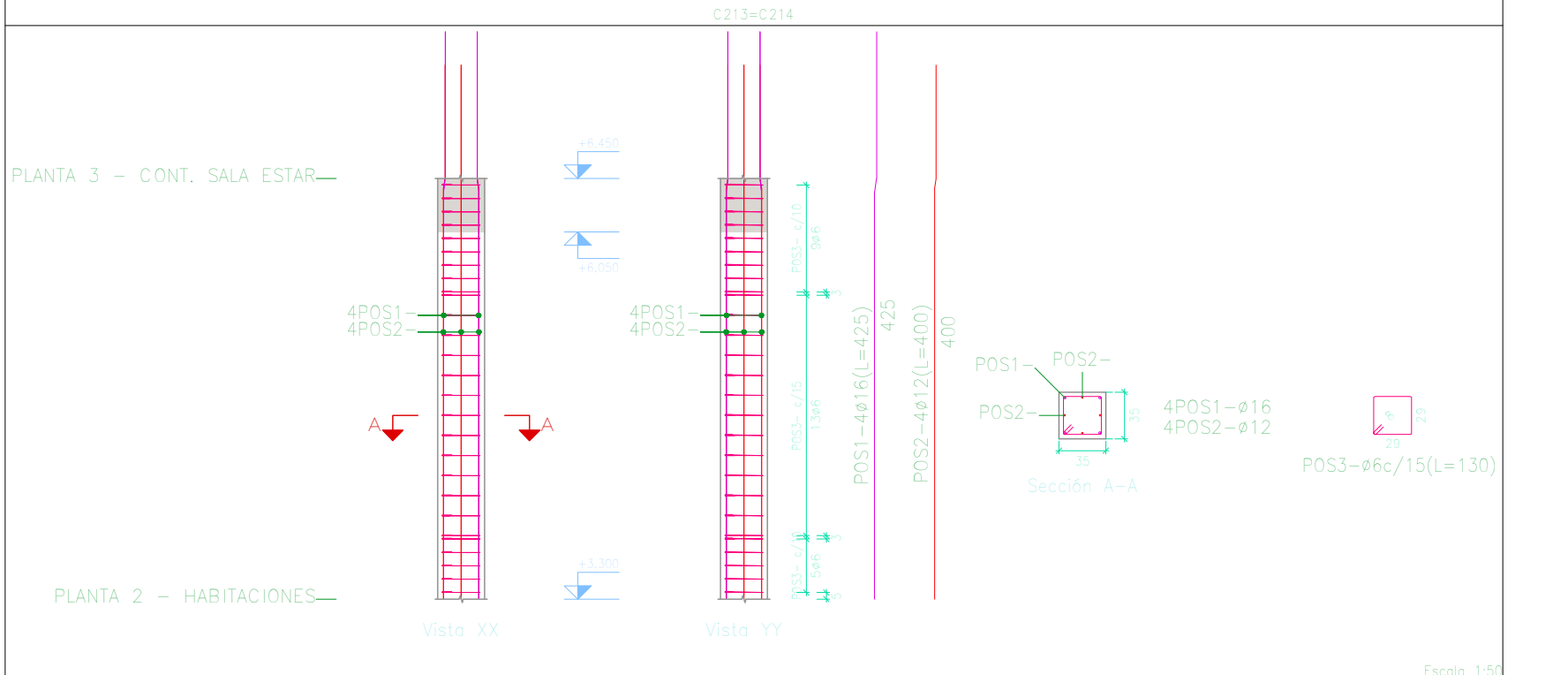
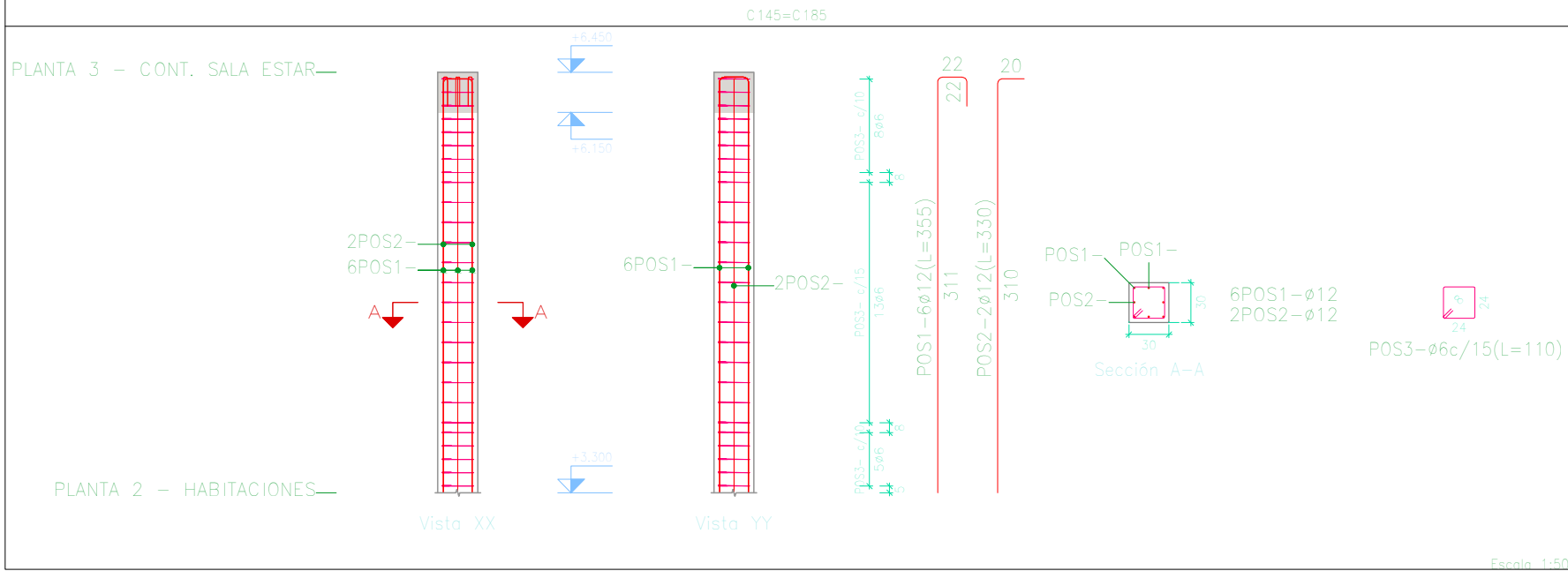
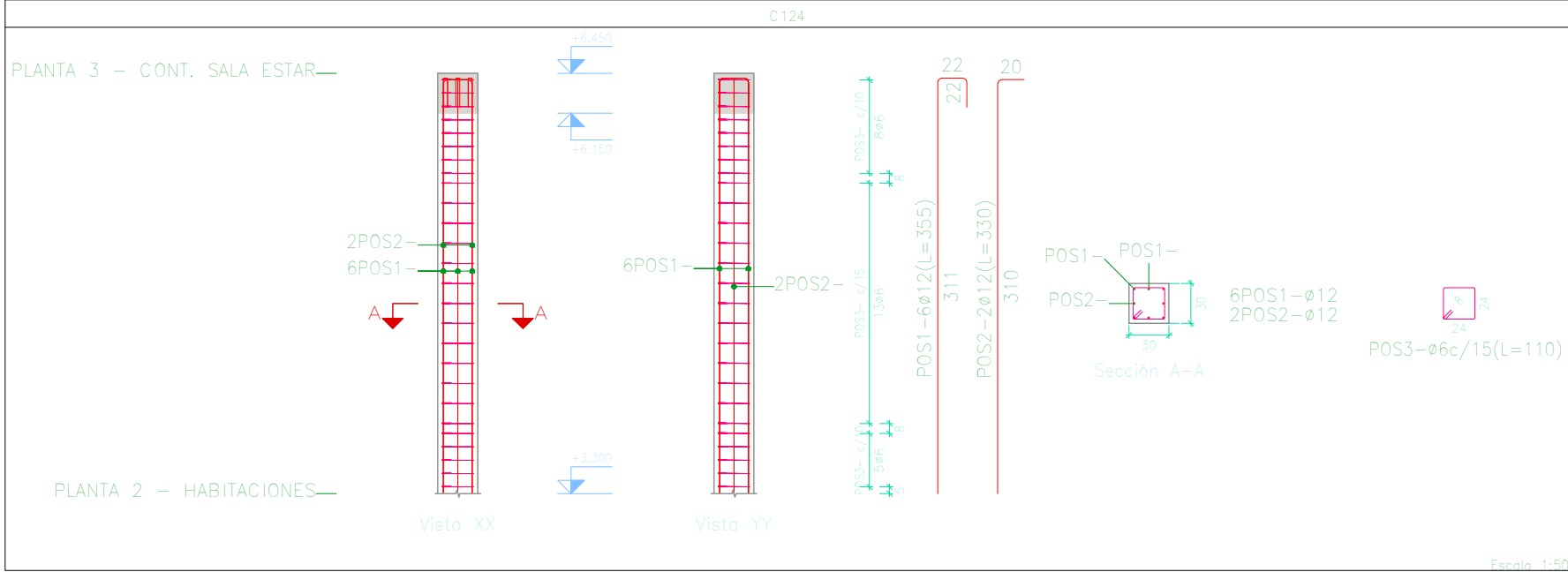
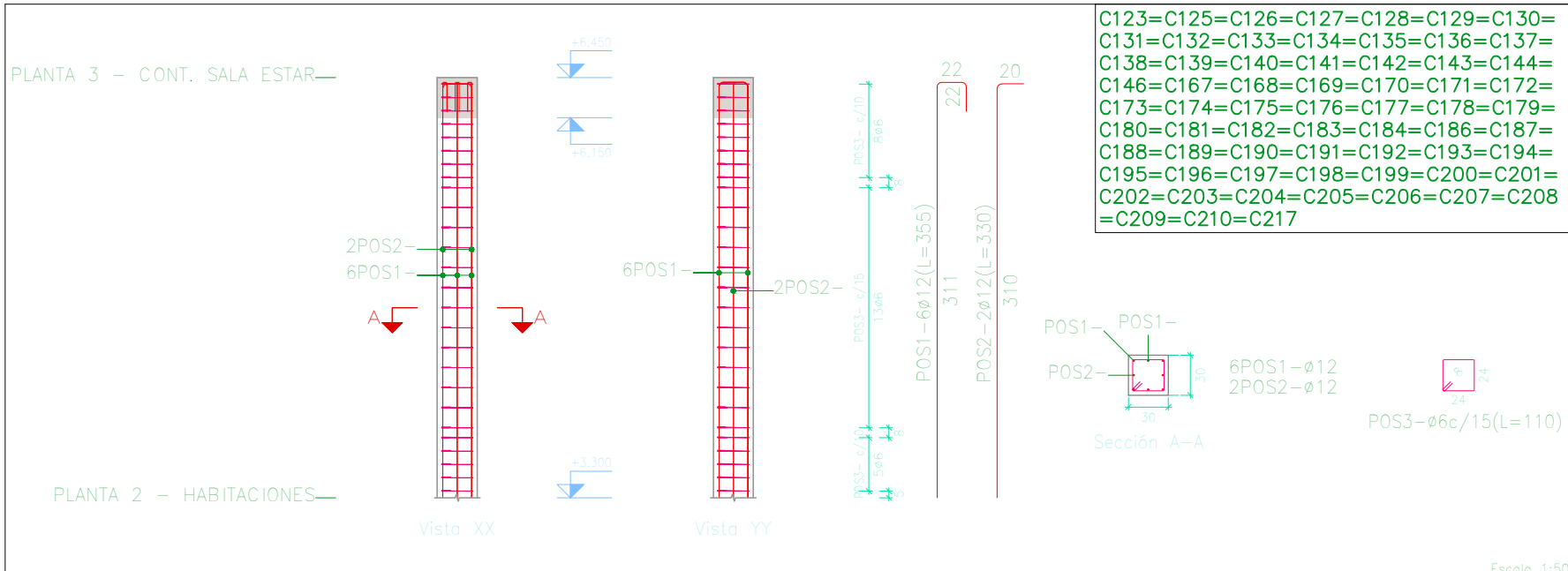
Elemento	Pos.	Dim.	No.	Esquema (cm)	Long. (cm)	Totol (mm)	Alt (mm)
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8	23		30	2430	5.0
C1000-210	1	Ø12	4		300	2300	25.0
	2	Ø8					

Resumen Acero Pilares	Long. total (m)	Peso+8% (kg)	Total
AH-500 $\varnothing 6$	5867.3	1406	
$\varnothing 12$	6685.9	6411	
$\varnothing 16$	70.4	120	7937

PLANO DESPIECE DE PILARES

ESC. 1:50

Planto: PLANTA 3 – CONT. SALA ESTAR
Hormigón: H-21
Acero en barras: AH-500
Acero en estribos: AH-500

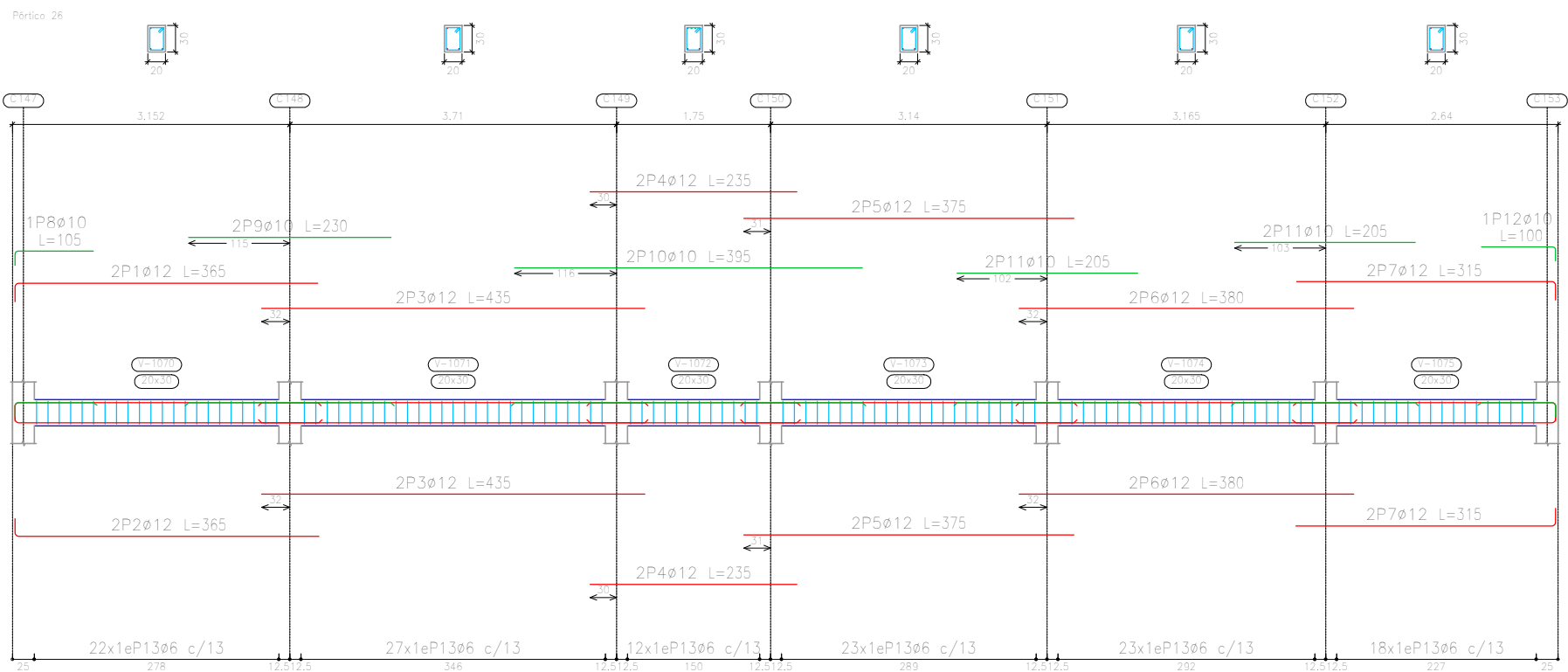


Elemento	Pos.	Dím.	No.	Esquema (cm)	Long. (cm)	Tota (cm)	AH-500 (kg)
C123=C125=C126=C127=C128=C129=C130=C131=C132=C133=C134=C135=C136=C137=C138=C139=C140=C141=C142=C143=C144=C145=C146=C147=C148=C149=C150=C151=C152=C153=C154=C155=C156=C157=C158=C159=C160=C161=C162=C163=C164=C165=C166=C167=C168=C169=C170=C171=C172=C173=C174=C175=C176=C177=C178=C179=C180=C181=C182=C183=C184=C185=C186=C187=C188=C189=C190=C191=C192=C193=C194=C195=C196=C197=C198=C199=C200=C201=C202=C203=C204=C205=C206=C207=C208=C209=C210=C217	1	#12	6		355	2135	18.9
	2	#12	3		355	405	5.3
	3	#6	25		110	2405	6.3
Sumatoria							30.5
C124	1	#12	6		355	2135	18.9
	2	#12	3		355	405	5.3
	3	#6	24		110	2400	6.3
Sumatoria							30.5
C125=C126	1	#12	6		355	2135	18.9
	2	#12	3		355	405	5.3
	3	#6	25		110	2405	6.3
Sumatoria							35.5
C211	1	#12	6		355	2135	18.9
	2	#12	3		355	405	5.3
	3	#6	25		110	2405	6.3
Sumatoria							35.5
C218	1	#12	6		355	2135	18.9
	2	#12	3		355	405	5.3
	3	#6	25		110	2405	6.3
Sumatoria							35.5
C124=C125=C126=C127=C128=C129=C130=C131=C132=C133=C134=C135=C136=C137=C138=C139=C140=C141=C142=C143=C144=C145=C146=C147=C148=C149=C150=C151=C152=C153=C154=C155=C156=C157=C158=C159=C160=C161=C162=C163=C164=C165=C166=C167=C168=C169=C170=C171=C172=C173=C174=C175=C176=C177=C178=C179=C180=C181=C182=C183=C184=C185=C186=C187=C188=C189=C190=C191=C192=C193=C194=C195=C196=C197=C198=C199=C200=C201=C202=C203=C204=C205=C206=C207=C208=C209=C210=C217	1	#12	6		405	3035	26.4
	2	#6	24		95	2345	5.2
Sumatoria							31.6
C184=C185	1	#12	6		405	3035	26.4
	2	#6	24		95	2345	5.2
Sumatoria							31.6
C124	1	#12	6		405	3035	26.4
	2	#6	24		105	2440	5.8
Sumatoria							32.2
C125=C126	1	#12	10		405	4035	35.5
	2	#6	25		107	2762	6.2
Sumatoria							41.7
C126	1	#12	10		405	4035	35.5
	2	#6	25		107	2762	6.2
Sumatoria							41.7
C212	1	#16	4		425	1705	26.8
	2	#12	4		405	1605	14.2
	3	#6	25		135	3015	7.8
Sumatoria							50.7
C213=C214	1	#16	4		425	1705	26.8
	2	#12	4		405	1605	14.2
	3	#6	25		135	3015	7.8
Sumatoria							50.7
C215	1	#16	4		425	1705	26.8
	2	#12	4		405	1605	14.2
	3	#6	25		135	3015	7.8
Sumatoria							50.7
							41.7
							41.7
							41.7
							41.7

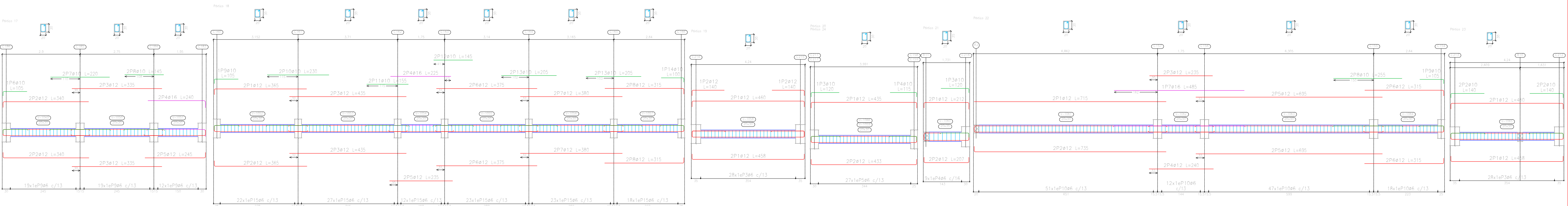
Resumen Acero	Long. total (m)	Peso+5% (kg)	Total
Pilares			
AH-500	2656.0	637	
	2708.9	2597	
	68.0	116	3350

PLANO VIGAS DE H° A°
ESC. 1:75

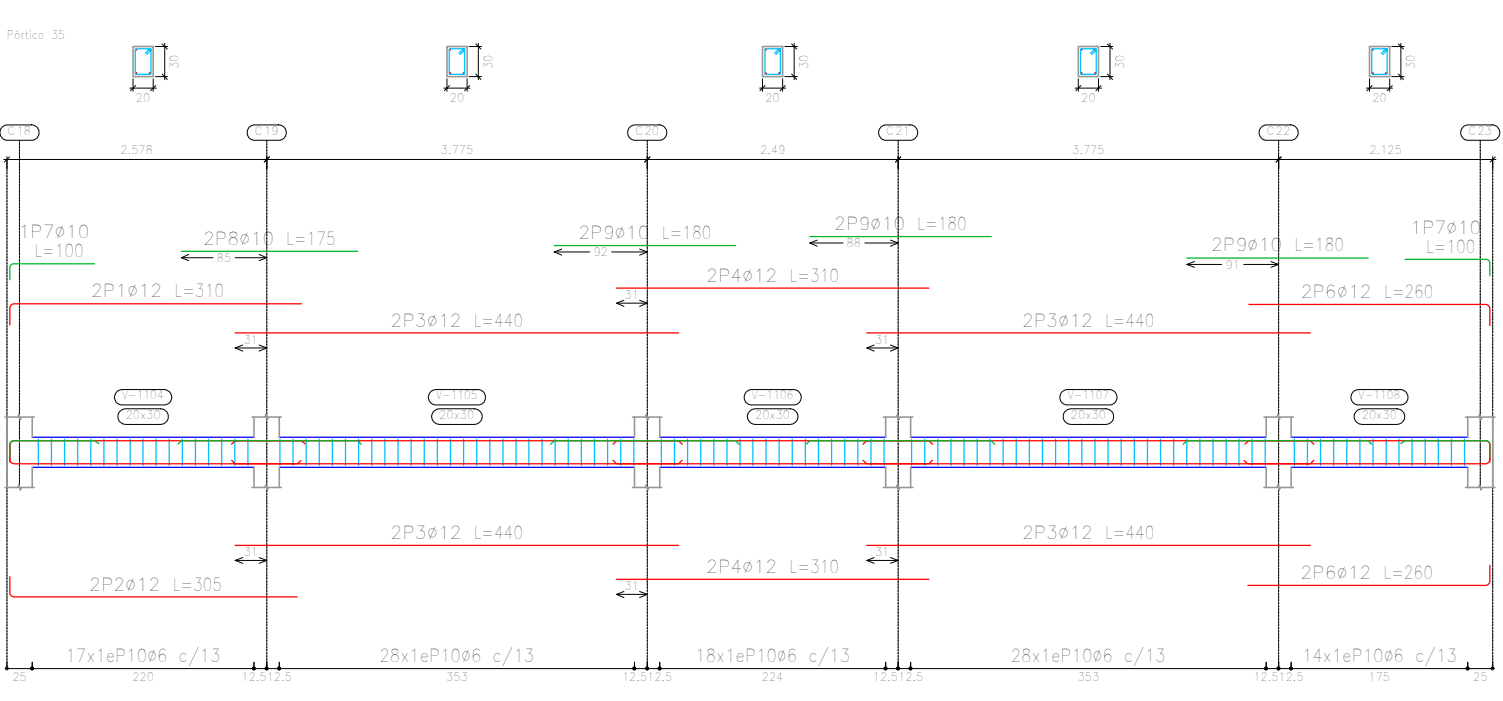
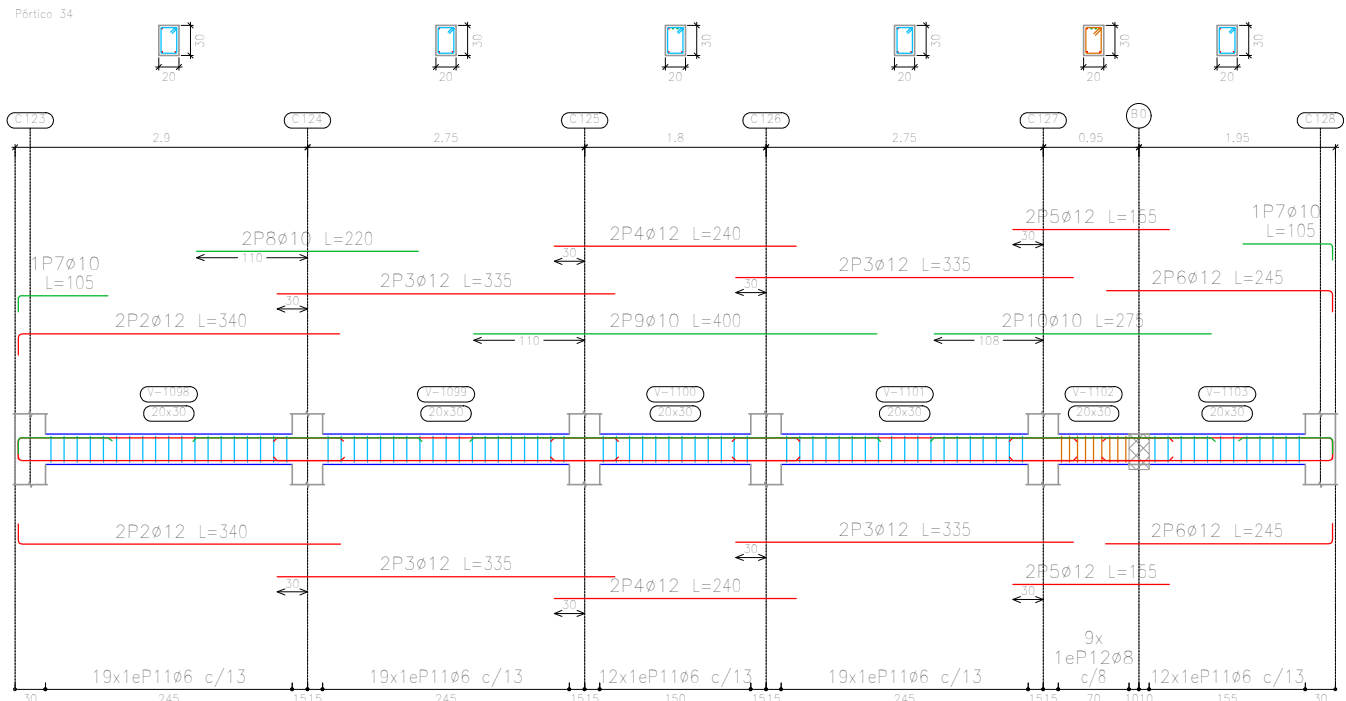
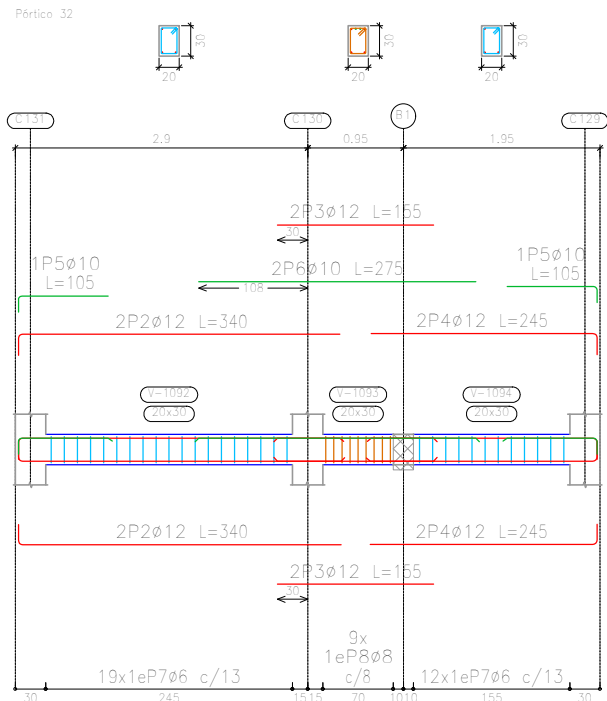
PLANTA 1 - PB
Despiece de vigas
Hormigón: H=21
Acero en barras: AH=500
Acero en estribos: AH=500
Escala pórtricos 1:75
Escala secciones 1:75



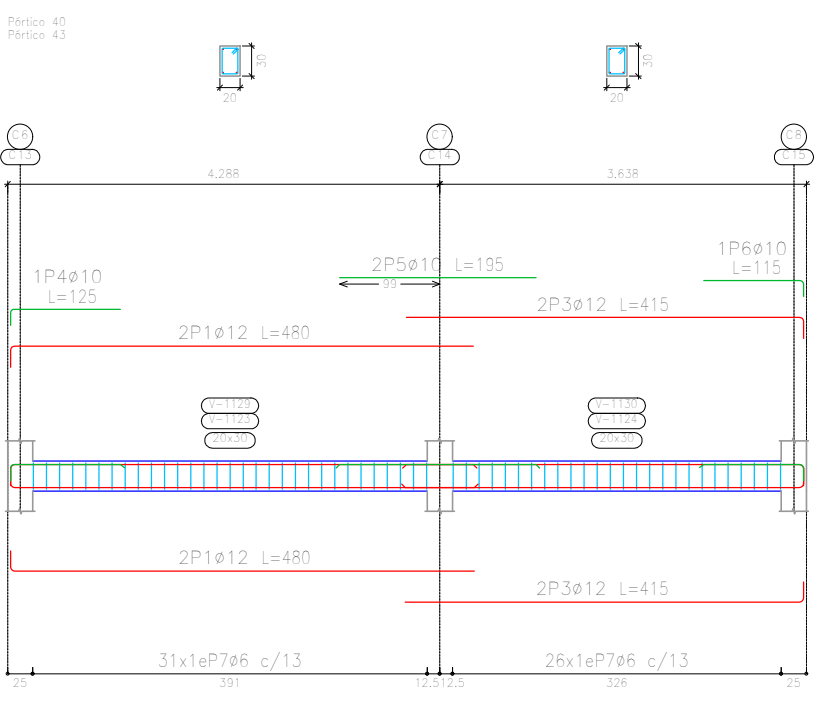
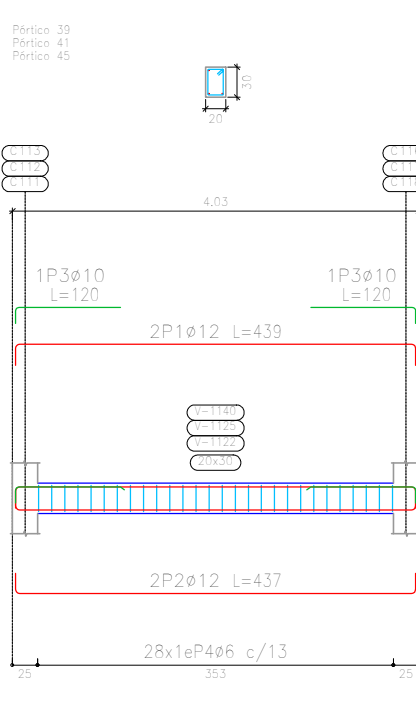
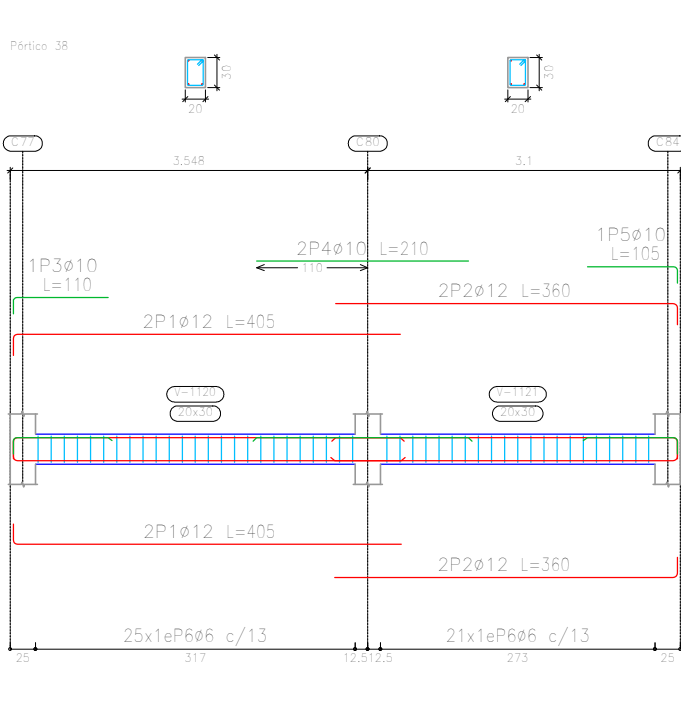
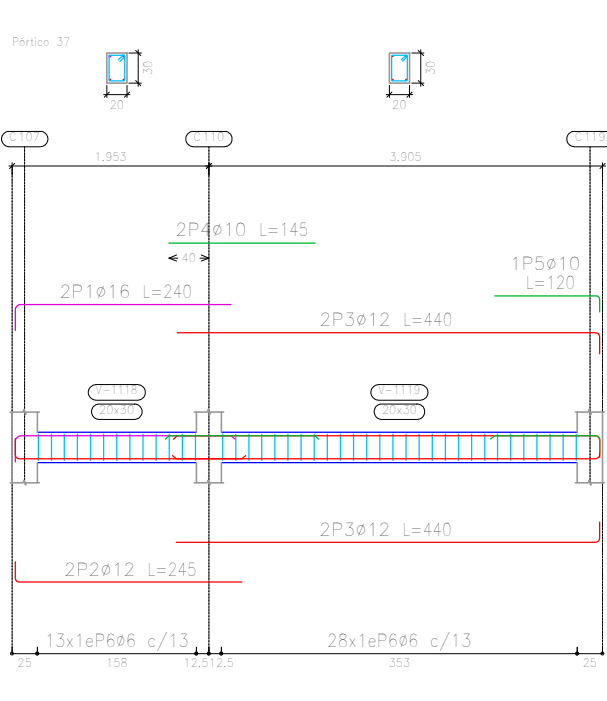
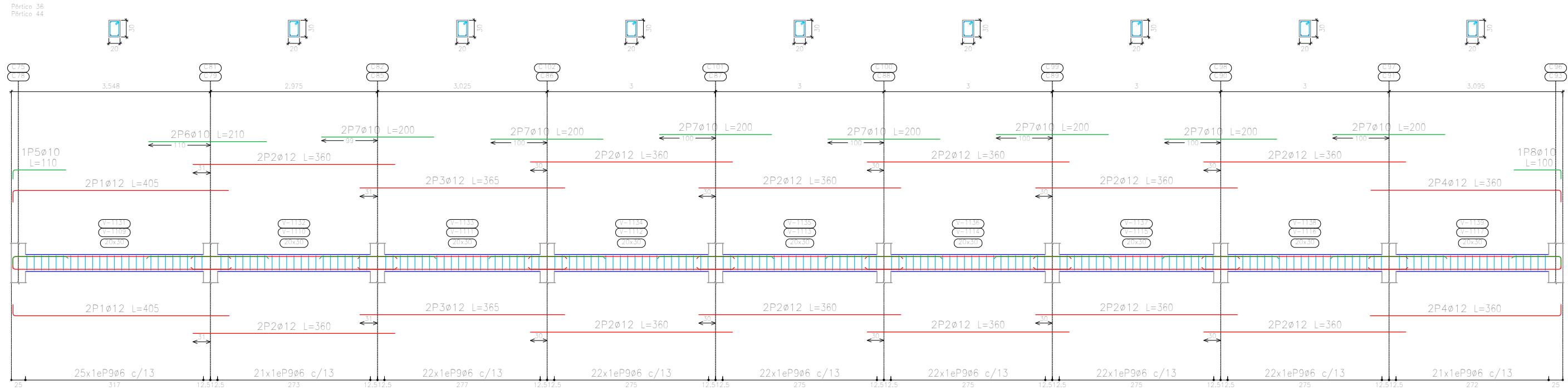
Elemento	Pos.	Diam.	No.	Esquema (cm)	Long. (cm)	Peso (kg)	SH=500 (kg)
Pórtico 11	1	Ø12	2		300	360	8.0
	2	Ø12	2		300	360	8.0
	3	Ø12	4		300	1080	19.8
	4	Ø12	2		300	360	8.0
	5	Ø12	2		300	360	8.0
	6	Ø10	1		80	100	0.4
	7	Ø10	2		300	360	8.0
	8	Ø10	2		300	360	8.0
	9	Ø10	2		300	360	8.0
	10	Ø8	10		80	800	10.4
					Peso=87.6		
Pórtico 18	1	Ø12	2		300	360	8.0
	2	Ø12	2		300	360	8.0
	3	Ø12	4		300	1080	19.8
	4	Ø12	2		300	360	8.0
	5	Ø12	2		300	360	8.0
	6	Ø12	4		300	1080	19.8
	7	Ø12	4		300	1080	19.8
	8	Ø12	4		300	1080	19.8
	9	Ø10	1		80	100	0.4
	10	Ø10	2		300	360	8.0
	11	Ø10	2		300	360	8.0
	12	Ø10	2		300	360	8.0
	13	Ø10	4		300	1080	19.8
	14	Ø10	1		80	100	0.4
	15	Ø8	10		80	800	10.4
					Peso=175.0		
Pórtico 15	1	Ø12	4		400	1440	26.4
	2	Ø12	2		300	360	8.0
	3	Ø8	20		80	1600	20.8
					Peso=48.0		
Pórtico 20/Pórtico 24	1	Ø12	2		400	1440	26.4
	2	Ø12	2		400	1440	26.4
	3	Ø10	1		100	100	0.4
	4	Ø10	1		100	100	0.4
	5	Ø8	20		80	1600	20.8
					Peso=124.8		
Pórtico 21	1	Ø12	2		300	360	8.0
	2	Ø12	2		300	360	8.0
	3	Ø10	1		100	100	0.4
	4	Ø8	5		100	500	2.0
					Peso=24.0		
Pórtico 22	1	Ø12	2		300	360	8.0
	2	Ø12	2		300	360	8.0
	3	Ø12	2		300	360	8.0
	4	Ø12	2		300	360	8.0
	5	Ø12	4		300	1080	19.8
	6	Ø12	4		300	1080	19.8
	7	Ø10	1		80	100	0.4
	8	Ø10	2		300	360	8.0
	9	Ø10	1		80	100	0.4
	10	Ø8	10		80	800	10.4
					Peso=112.0		
Pórtico 23	1	Ø12	4		400	1440	26.4
	2	Ø12	2		300	360	8.0
	3	Ø8	20		80	1600	20.8
					Peso=48.0		
Pórtico 26	1	Ø12	2		300	360	8.0
	2	Ø12	2		300	360	8.0
	3	Ø12	4		300	1080	19.8
	4	Ø12	4		300	1080	19.8
	5	Ø12	4		300	1080	19.8
	6	Ø12	4		300	1080	19.8
	7	Ø12	4		300	1080	19.8
	8	Ø10	1		80	100	0.4
	9	Ø10	2		300	360	8.0
	10	Ø10	2		300	360	8.0
	11	Ø10	4		300	1080	19.8
	12	Ø10	1		80	100	0.4
	13	Ø8	10		80	800	10.4
					Peso=156.0		



PLANO VIGAS DE H° A°
ESC. 1:75



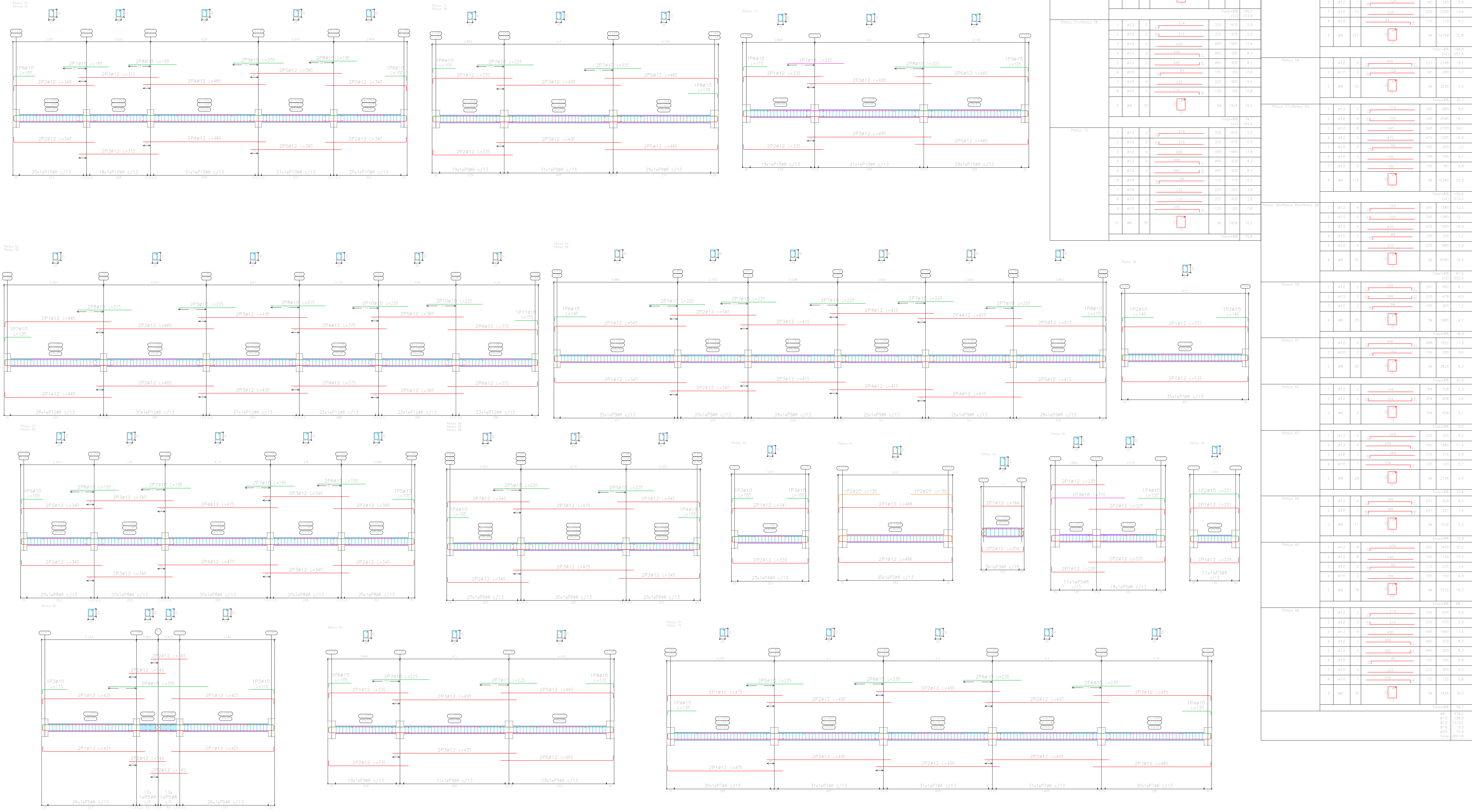
PLANTA 1 - PB
Despiece de vigas
Hormigón: H=21
Acero en barras: AH-500
Acero en estribos: AH-500
Escala pórticos 1:75
Escala secciones 1:75
Escala huecos 1:75



Elemento	Pos.	Diám.	No.	Esquema (cm)	Long. (cm)	Foto (cm)	AH-500 (kg)
Pórtico 33	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0
Pórtico 34	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0
Pórtico 35	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0
Pórtico 36	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0
Pórtico 37	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0
Pórtico 38	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0
Pórtico 39	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0
Pórtico 40	-1	#12	-1		340	480	6.0
	-2	#12	-2		340	480	6.0
	-3	#12	-3		340	480	6.0
	-4	#12	-4		340	480	6.0
	-5	#12	-5		340	480	6.0
	-6	#12	-6		340	480	6.0
	-7	#12	-7		340	480	6.0
	-8	#12	-8		340	480	6.0
	-9	#12	-9		340	480	6.0
	-10	#12	-10		340	480	6.0
	-11	#12	-11		340	480	6.0
	-12	#12	-12		340	480	6.0

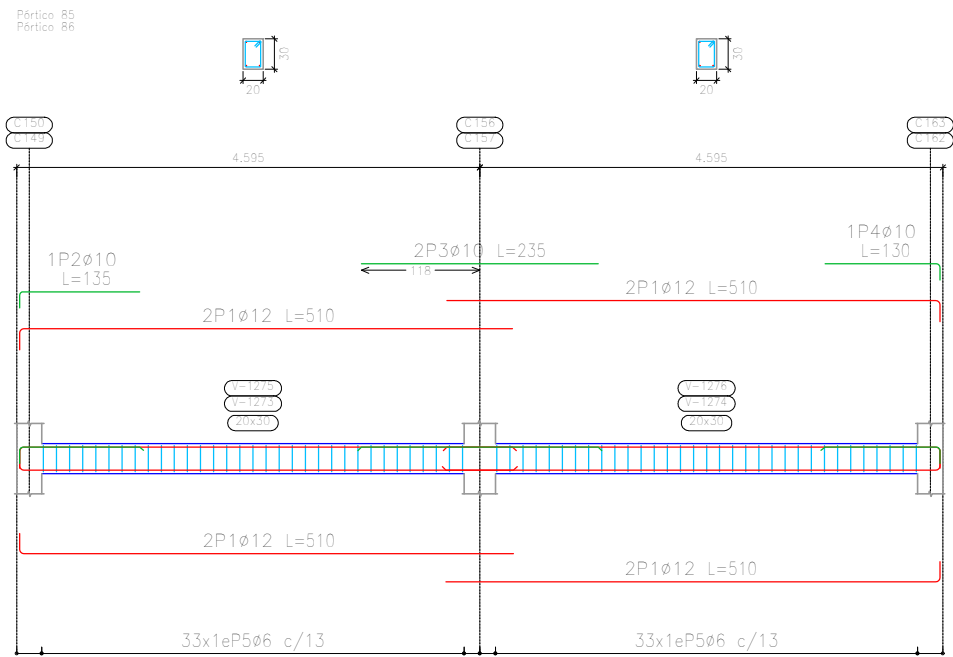
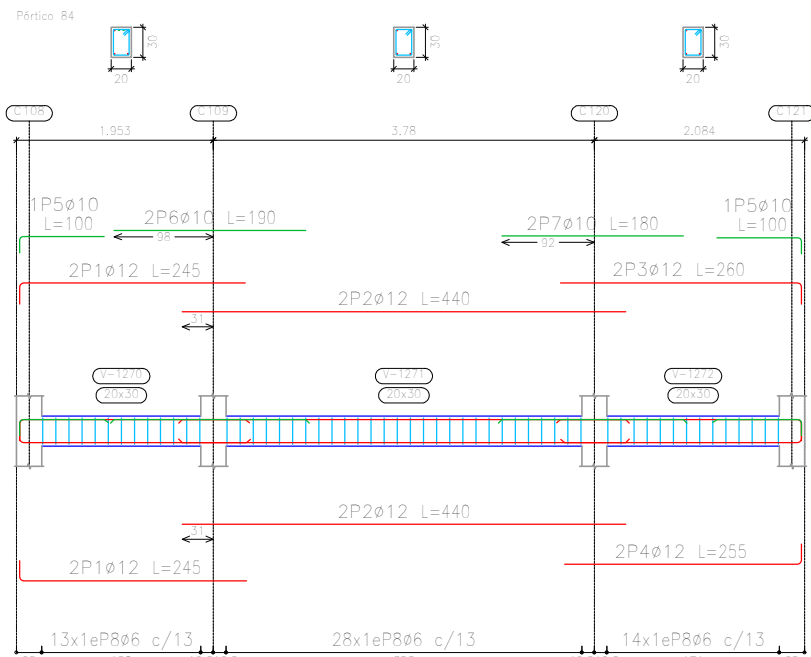
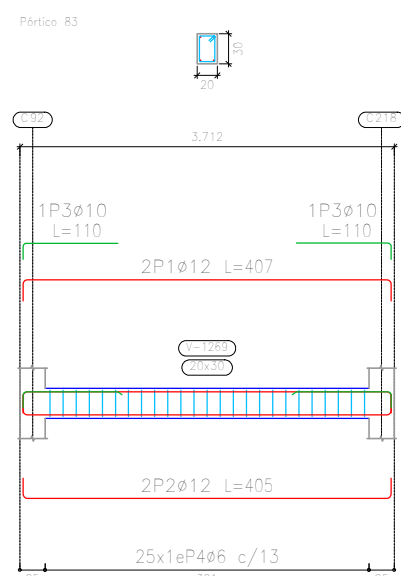
PLANO VIGAS DE H° A°
ESC. 1:75

PLANTA 1 - PB
Despiece de vigas
Hormigón: H-21
Acero en barras: AH-500
Acero en estribos: AH-500
Escala pórtilos: 1:75
Escala secciones: 1:75
Escala huecos: 1:75



PLANO VIGAS DE H° A°

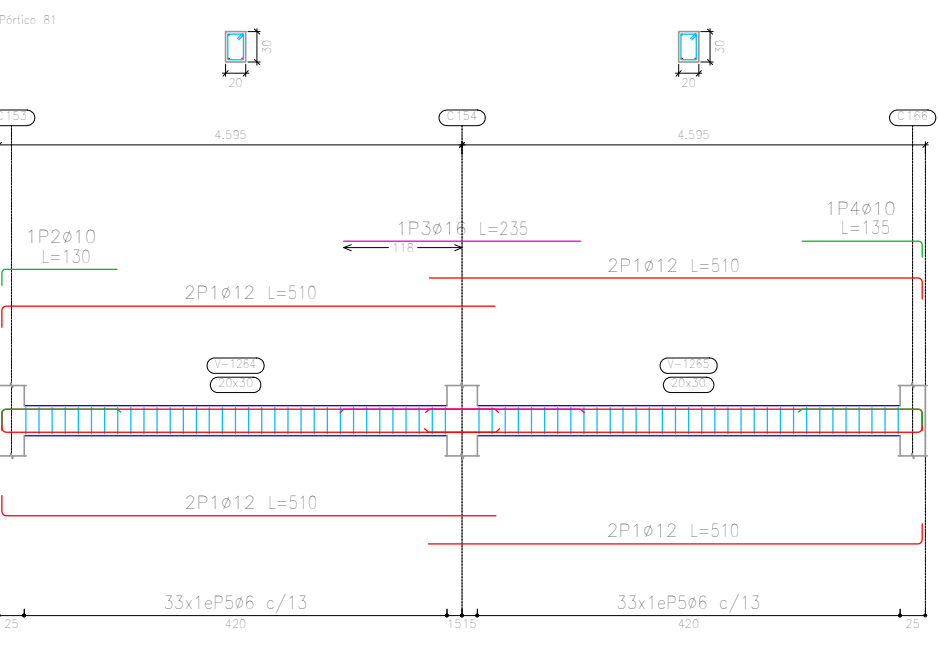
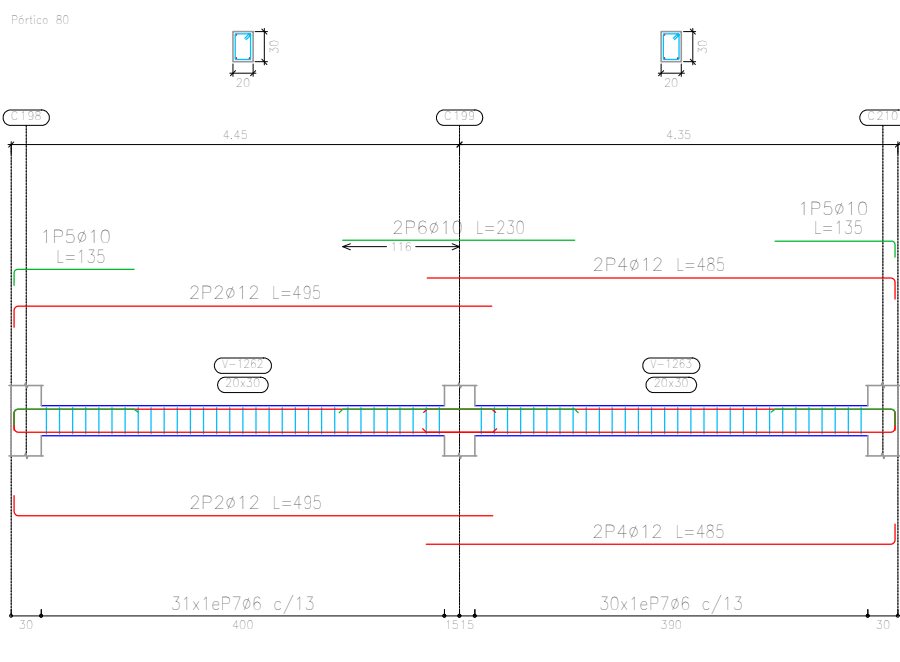
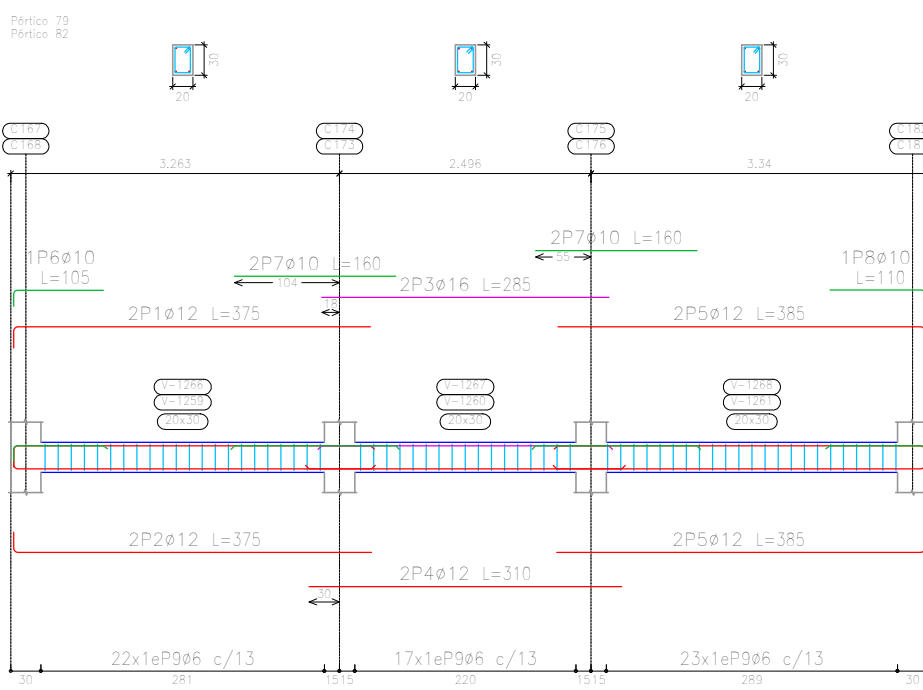
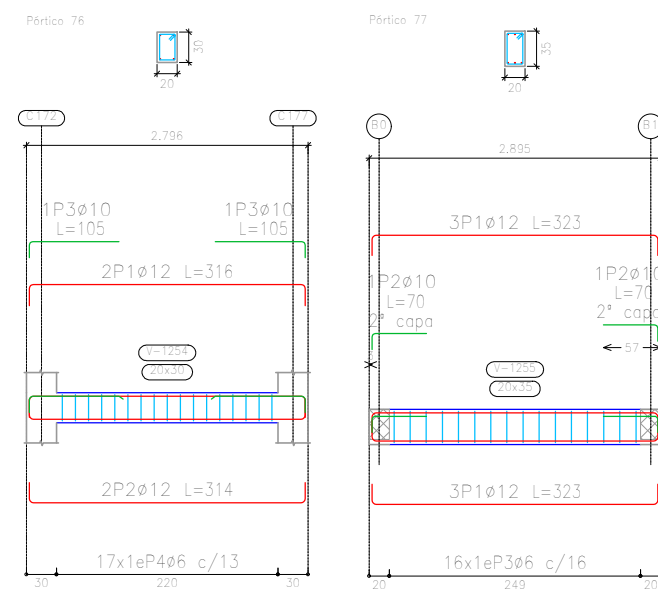
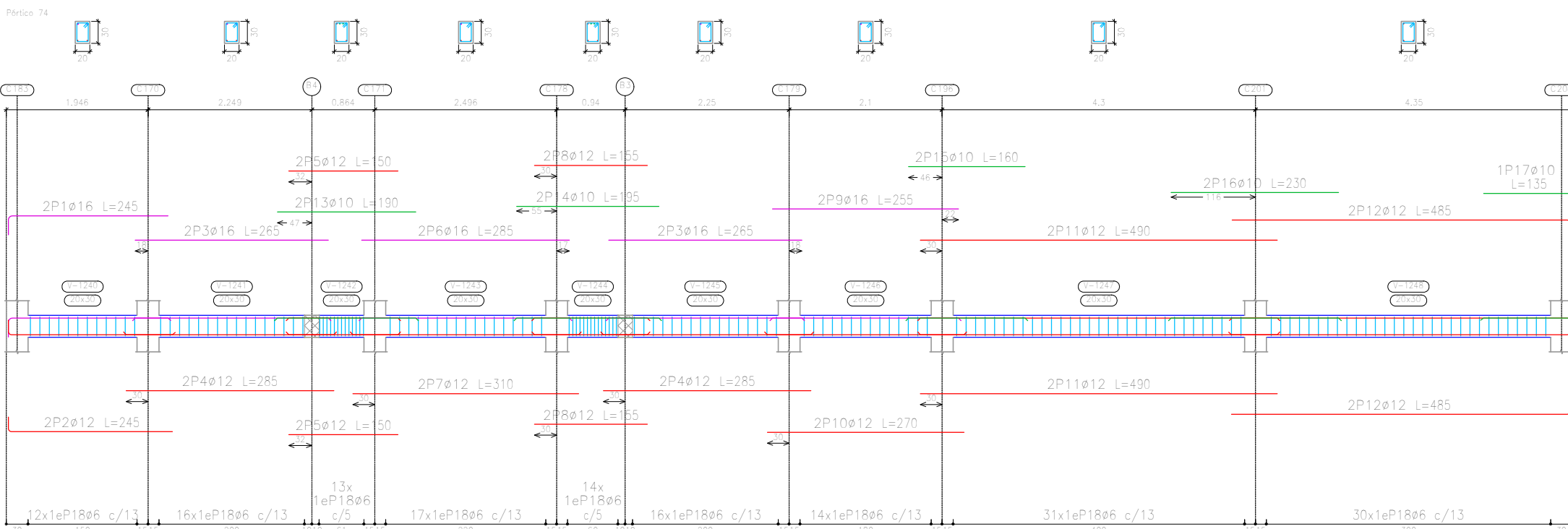
ESC. 1:75



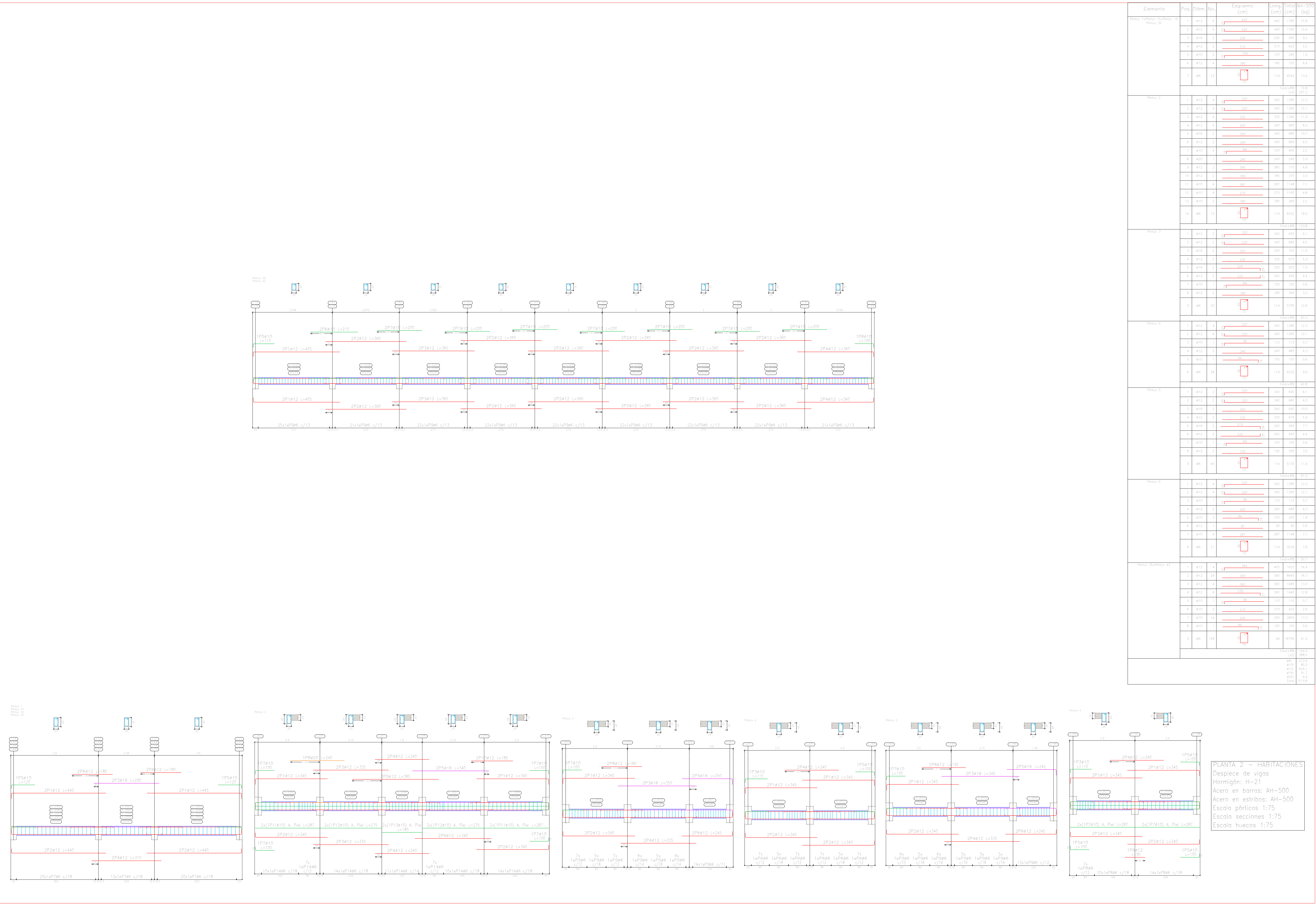
PLANTA 1 - PB
Despiece de vigas
Hormigón: H-21
Acero en estribos: AH-500
Acero en estribos: AH-500
Escala pñticos 1:75
Escala secciones 1:75
Escala huecos 1:75

Resumen Acero		Long. total	Peso+8%	Total
Plano de pñticos		(m)	(kg)	
AH-500	ø6	5883.1	1410	
	ø8	17.5	7	
	ø10	882.5	588	
	ø12	4018.6	3853	
	ø16	160.3	273	
	ø20	3.9	10	

Elemento	Pos.	Dim.	No.	Esquema (cm)	Long. (cm)	Peso (kg)	AI-500 (kg)
Planta 1A	1	ø16	5		240	490	1.7
	2	ø12	5		240	490	4.4
	3	ø16	4		240	490	14.7
	4	ø12	4		240	490	15.1
	5	ø12	4		150	490	5.3
	6	ø16	5		240	490	5.0
	7	ø12	5		240	490	5.5
	8	ø12	4		150	490	5.5
	9	ø16	5		240	490	8.0
	10	ø12	5		240	490	4.5
	11	ø12	4		480	490	15.4
	12	ø12	5		480	490	17.2
	13	ø10	5		150	490	2.3
	14	ø10	5		150	490	2.4
	15	ø10	5		180	490	2.0
	16	ø10	5		220	490	2.8
	17	ø16	1		120	130	0.8
							18.4
Planta 1B	1	ø12	5		240	490	5.4
	2	ø12	5		240	490	5.8
	3	ø10	5		150	490	1.5
	4	ø6	17		94	1588	3.5
							17.2
Planta 1C	1	ø12	4		320	1094	11.2
	2	ø10	5		75	140	0.3
	3	ø6	16		104	1494	2.7
							21.2
Planta 1D (Planta 1D)	1	ø12	5		240	490	4.3
	2	ø12	5		240	490	4.7
	3	ø16	5		240	490	5.0
	4	ø12	5		240	490	5.0
	5	ø12	4		380	1040	12.7
	6	ø10	5		150	490	2.8
	7	ø10	4		180	490	5.5
	8	ø10	1		110	110	0.7
	9	ø6	82		94	1418	12.9
							44.2
Planta 1E	1	ø12	5		480	490	8.4
	2	ø12	5		480	490	8.4
	3	ø12	5		480	490	8.4
	4	ø12	5		480	490	8.4
	5	ø10	5		150	490	1.7
	6	ø10	5		220	490	2.8
	7	ø6	81		94	1414	12.7
							36.2
Planta 1F	1	ø12	4		240	490	36.2
	2	ø10	5		150	490	5.8
	3	ø6	5		220	490	5.7
	4	ø10	5		120	490	0.8
	5	ø6	65		94	1204	13.8
							52.7
Planta 1G	1	ø12	5		480	490	11.2
	2	ø12	5		480	490	11.2
	3	ø10	5		115	220	1.4
	4	ø6	35		94	2205	5.1
							23.7
Planta 1H	1	ø12	4		240	490	8.7
	2	ø12	4		240	490	9.4
	3	ø12	5		240	490	4.8
	4	ø12	5		220	490	4.5
	5	ø10	5		180	490	1.2
	6	ø10	5		180	490	2.3
	7	ø10	5		180	490	2.3
	8	ø6	35		94	1115	11.0
							34.8
Planta 1I (Planta 1I)	1	ø12	4		310	490	36.2
	2	ø10	5		150	490	5.8
	3	ø10	5		220	490	2.8
	4	ø10	5		150	490	5.8
	5	ø6	65		94	1204	13.8
							58.5
							115.8
							18.5
							45.5
							35.5
							48.1
							46.2

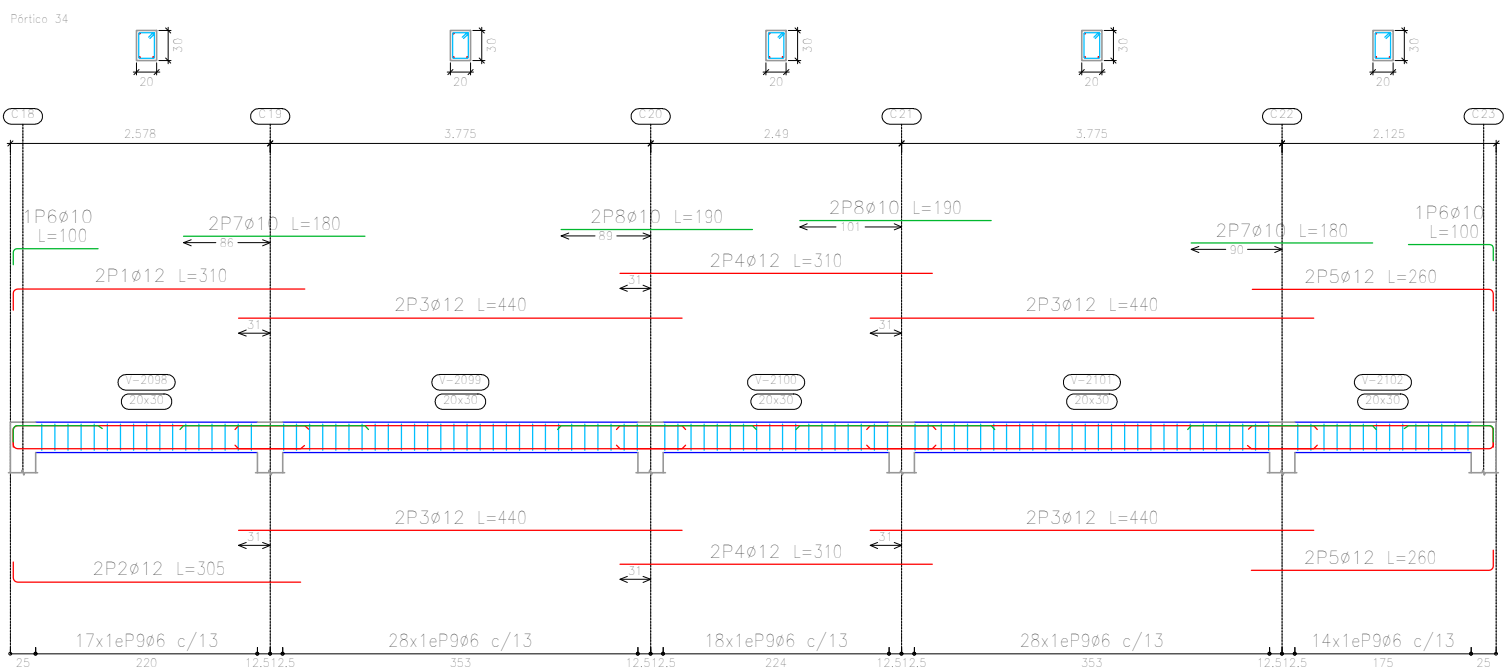


PLANO VIGAS DE H° A°
ESC. 1:75

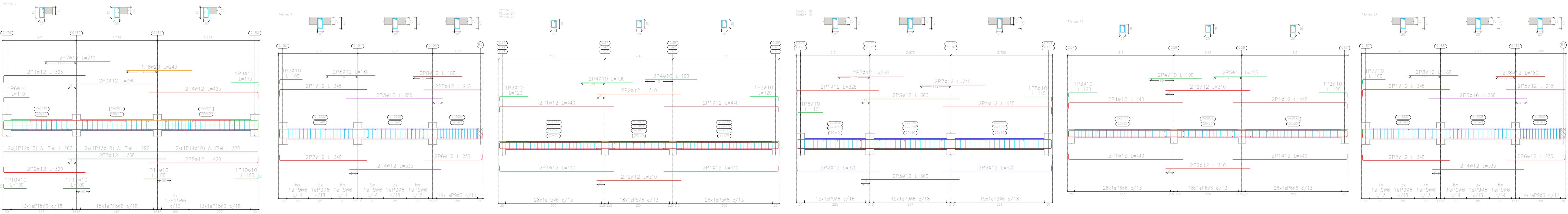


PLANO VIGAS DE H° A°
ESC. 1:75

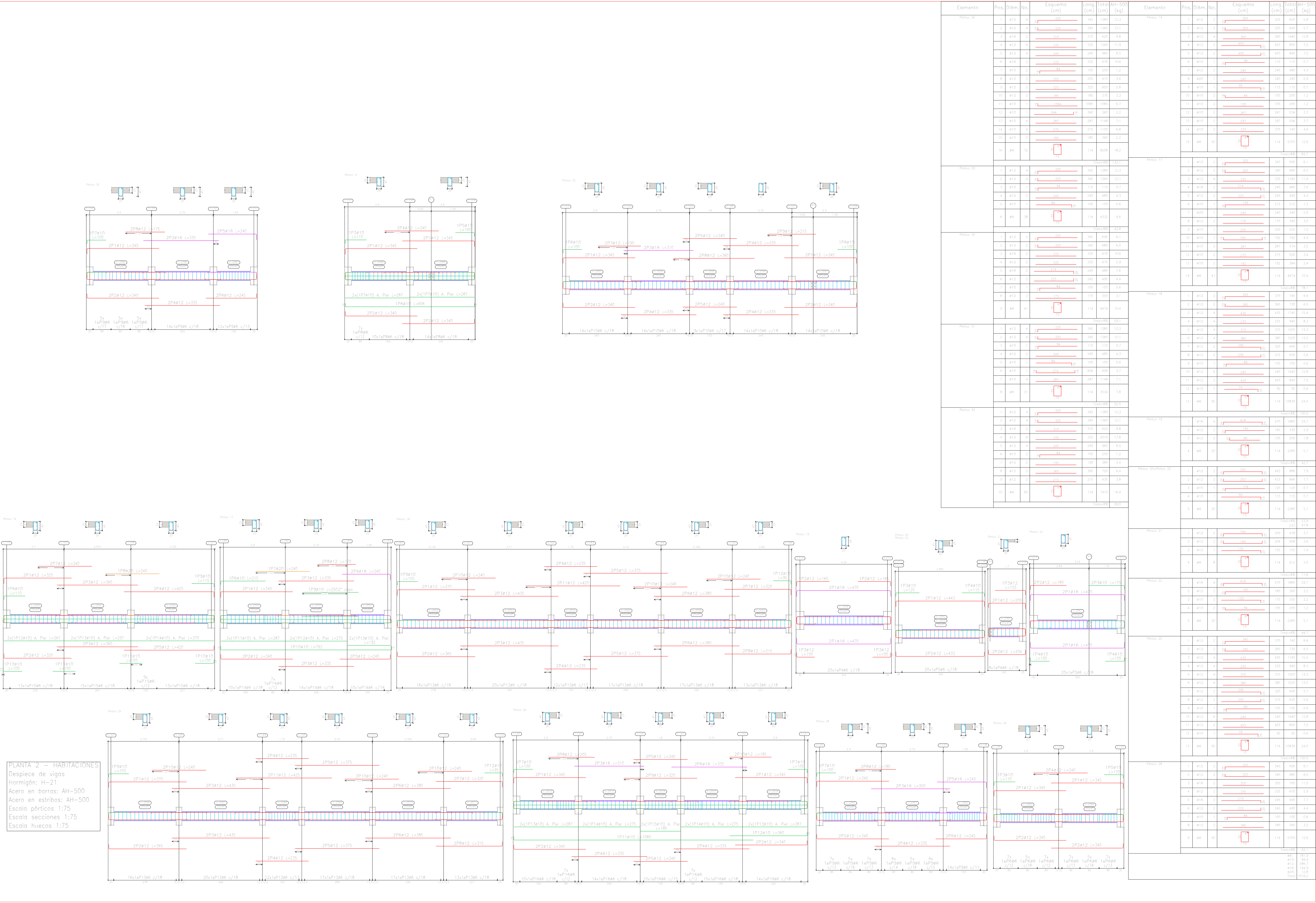
PLANTA 2 - HABITACIONES
Desplce de vigas
Hormigón: H=21
Acero en barras: AH=500
Acero en estribos: AH=500
Escala pódicos 1:75
Escala secciones 1:75



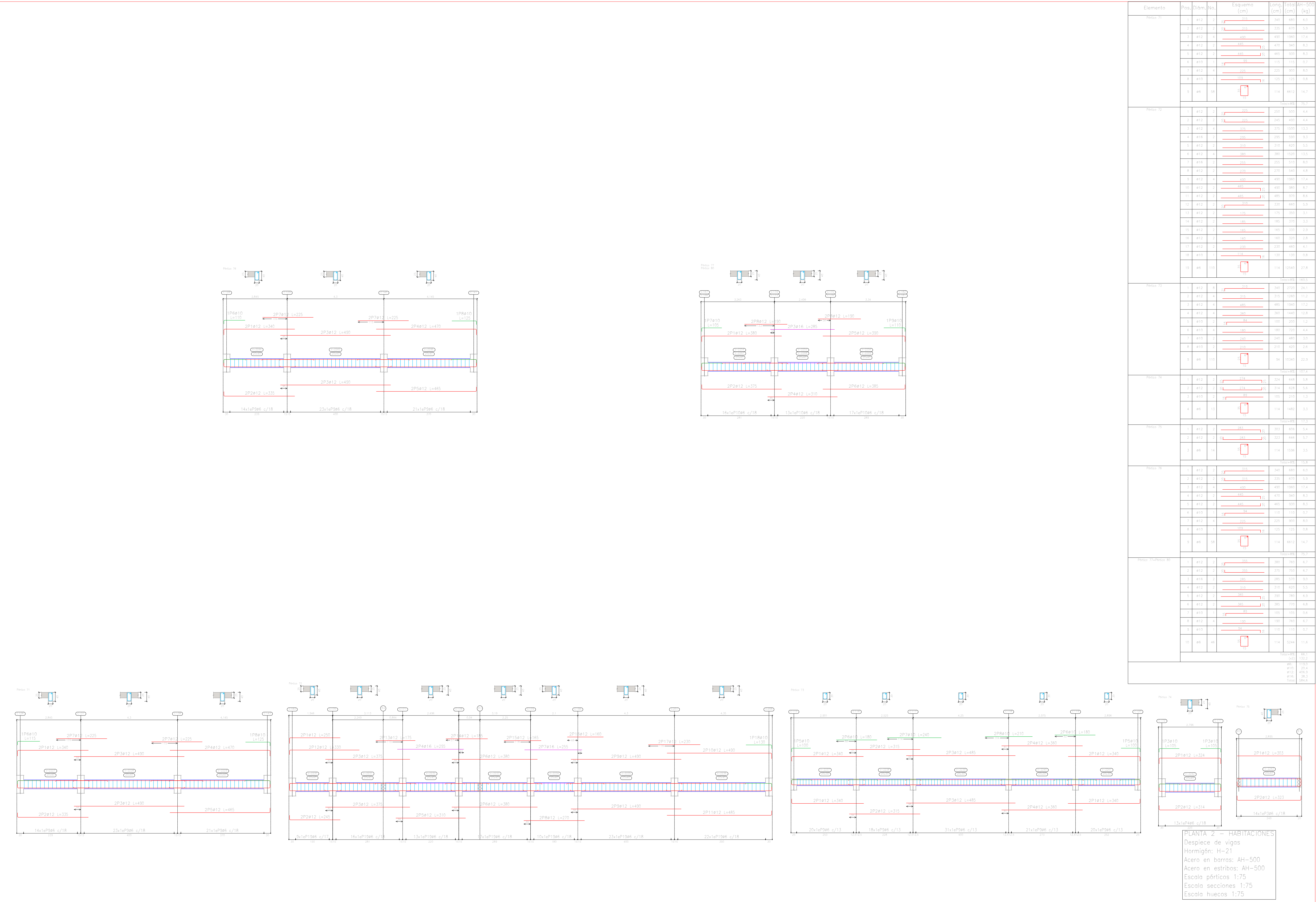
Elemento	Pos.	Diám.	No.	Esquema (cm)	Long. (cm)	Peso (kg)	Alt=500					
Piso 7	1	ø12	1		305	680	5.8					
	2	ø12	1		305	680	5.7					
	3	ø12	4		385	1440	12.8					
	4	ø12	2		305	680	5.5					
	5	ø12	2		305	680	5.5					
	6	ø12	1		110	110	0.7					
	7	ø12	2		340	680	4.3					
	8	ø20	1		340	140	5.5					
	9	ø12	2		110	110	0.7					
	10	ø12	2		305	380	3.5					
	11	ø12	2		305	380	3.5					
	12	ø12	2		305	320	3.3					
	13	ø12	2		305	300	3.2					
	14	ø12	1		310	140	4.6					
	15	ø6	30		114	3300	12.6					
Total=480							47.0					
Piso 8	1	ø12	1		345	680	6.1					
	2	ø12	1		345	680	6.0					
	3	ø16	2		385	120	11.2					
	4	ø12	2		335	630	5.9					
	5	ø12	2		315	430	3.8					
	6	ø12	2		335	430	4.2					
	7	ø12	1		80	180	0.6					
	8	ø12	1		385	120	6.4					
	9	ø6	30		114	3300	11.9					
	10	Total=480					47.8					
Piso Refuerzo perfiles 9	1	ø12	4		440	3200	31.3					
	2	ø12	4		410	1240	10.0					
	3	ø12	2		120	240	1.5					
	4	ø12	4		130	760	4.7					
	5	ø6	14		34	6500	15.4					
Total=480							60.0					
Piso 10Refuerzo 10	1	ø12	1		305	680	5.8					
	2	ø12	1		305	680	5.7					
	3	ø12	4		385	1440	12.8					
	4	ø12	2		305	680	5.5					
	5	ø12	2		305	680	5.5					
	6	ø12	1		110	110	0.7					
	7	ø12	2		340	680	4.3					
	8	ø20	1		340	140	5.5					
	9	ø12	2		110	110	0.7					
	10	ø12	2		305	380	3.5					
	11	ø12	2		305	380	3.5					
	12	ø12	2		305	320	3.3					
	13	ø12	2		305	300	3.2					
	14	ø12	1		310	140	4.6					
	15	ø6	30		114	3300	12.6					
Total=480							47.5					
Piso 11	1	ø12	2		440	3200	31.3					
	2	ø12	2		410	1240	10.0					
	3	ø12	2		120	240	1.5					
	4	ø12	2		130	380	2.3					
	5	ø12	2		130	380	2.4					
	6	ø6	14		34	6500	15.4					
	7	Total=480					60.0					
Piso 13	1	ø12	1		345	680	6.1					
	2	ø12	1		345	680	6.0					
	3	ø16	2		385	120	11.4					
	4	ø12	2		335	630	5.9					
	5	ø12	2		315	430	3.8					
	6	ø12	2		335	430	4.2					
	7	ø12	1		80	180	0.6					
	8	ø12	1		385	120	6.4					
	9	ø6	30		114	3300	12.6					
	10	Total=480					47.8					
Piso 14	1	ø12	1		310	610	5.3					
	2	ø12	1		305	610	5.1					
	3	ø12	4		440	1320	31.3					
	4	ø12	4		410	1240	11.2					
	5	ø12	4		380	1540	32					
	6	ø12	2		180	200	1.2					
	7	ø12	4		180	120	4.4					
	8	ø12	4		180	120	4.4					
	9	ø6	30		34	6500	15.4					
	10	Total=480					31.9					
Total=480							522.2					
							480					
							470.5					
							46.4					
							425					
							710.1					



PLANO VIGAS DE H° A°
ESC. 1:75

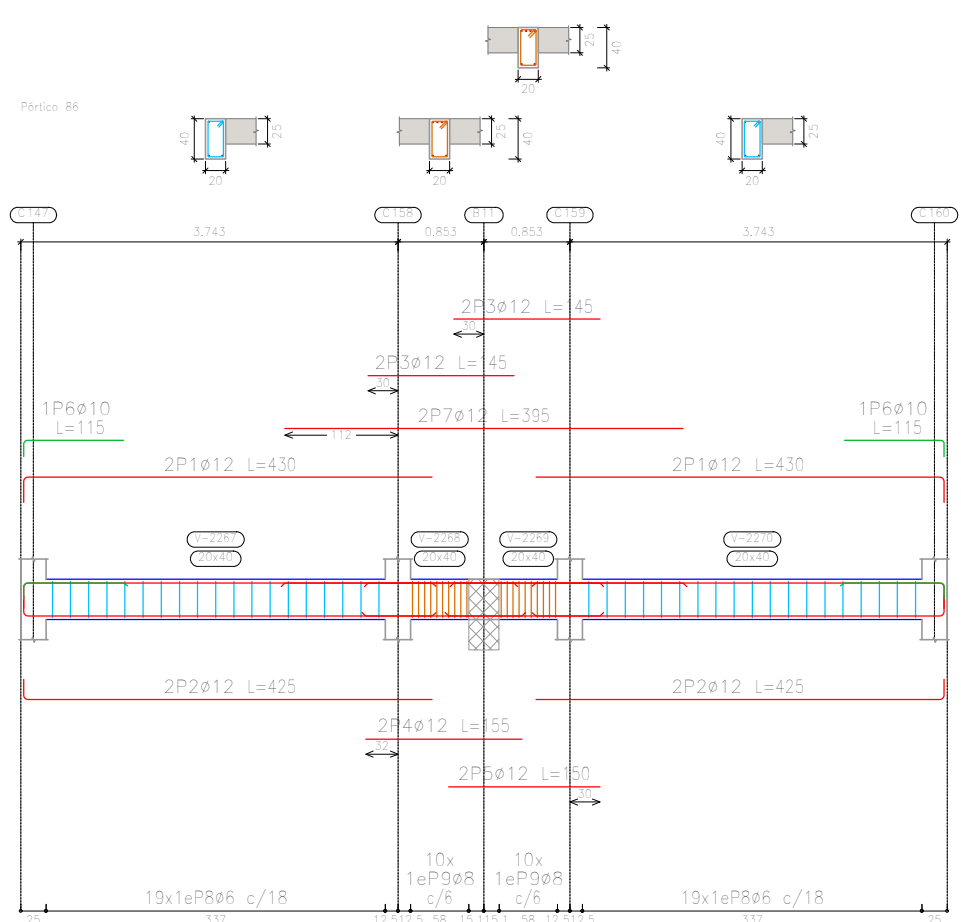


PLANO VIGAS DE H° A°
ESC. 1:75

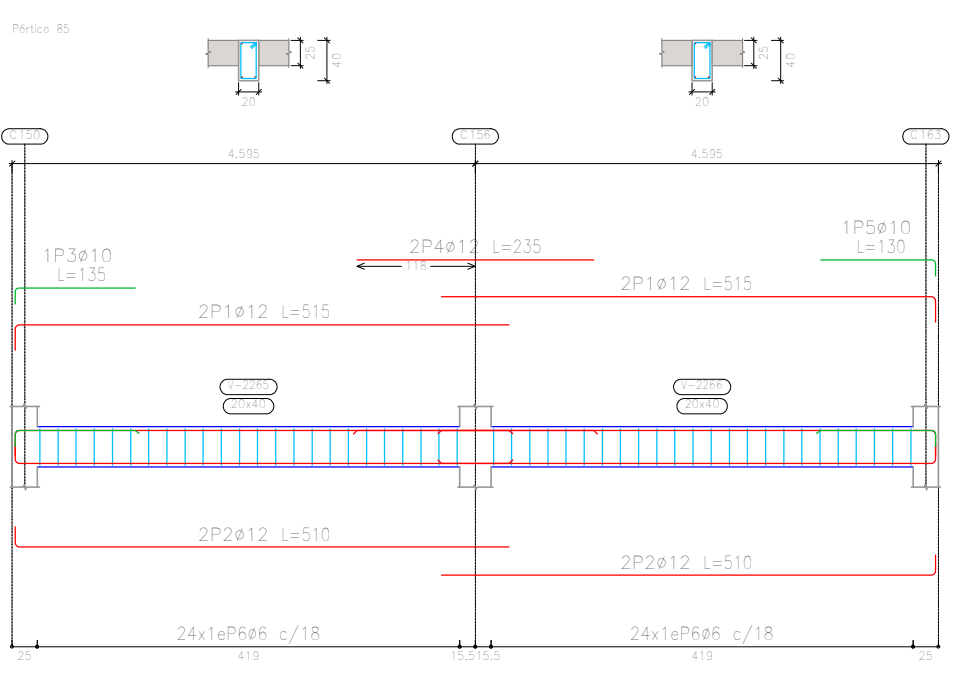
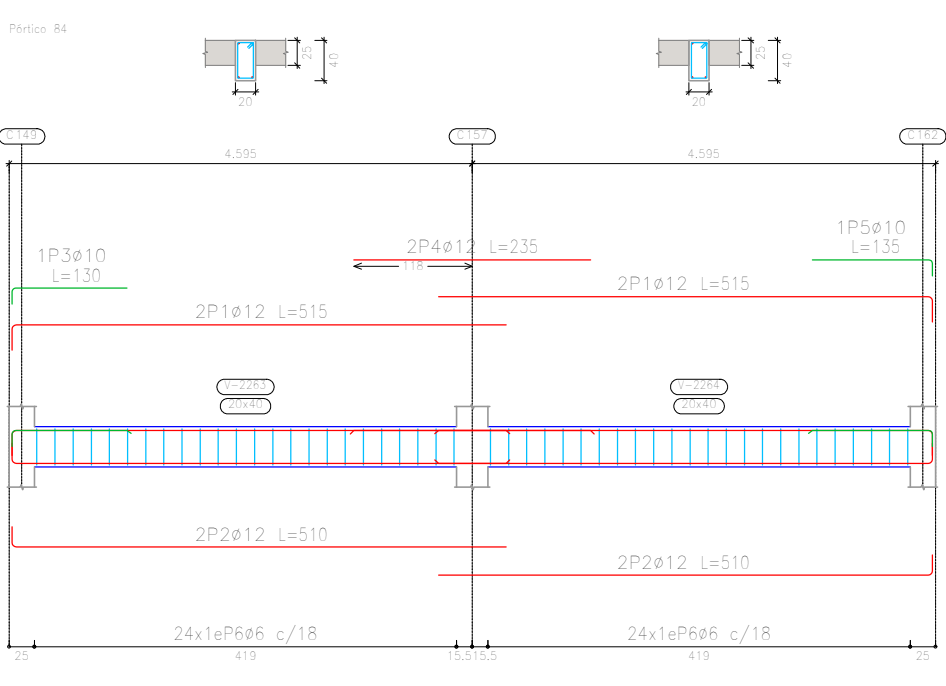
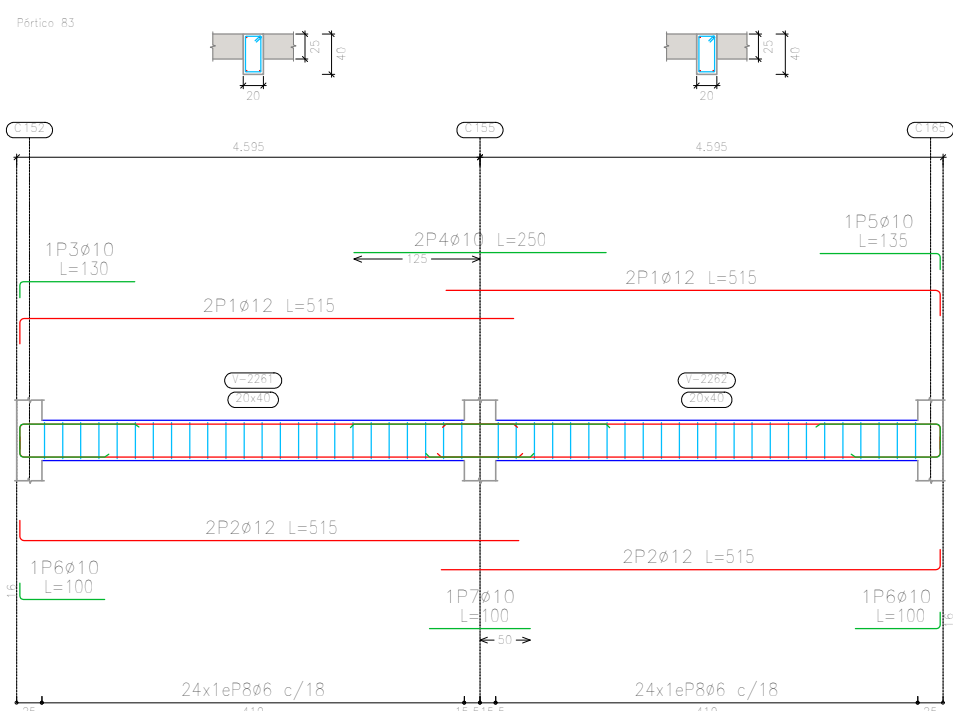
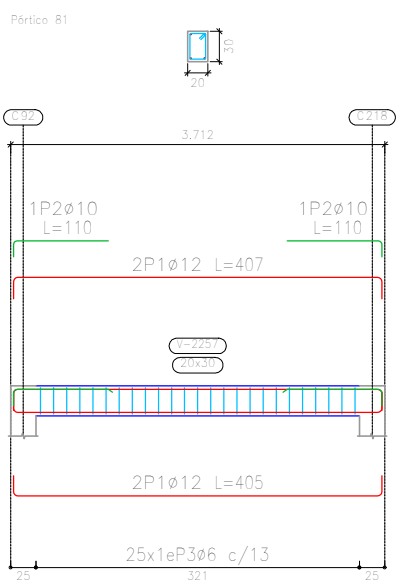
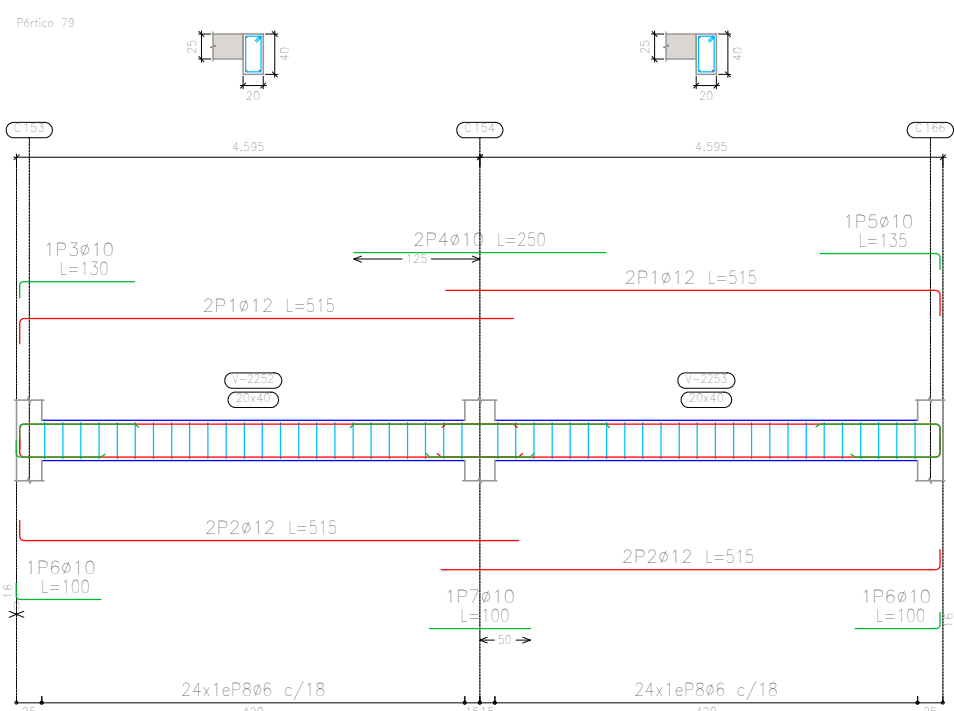
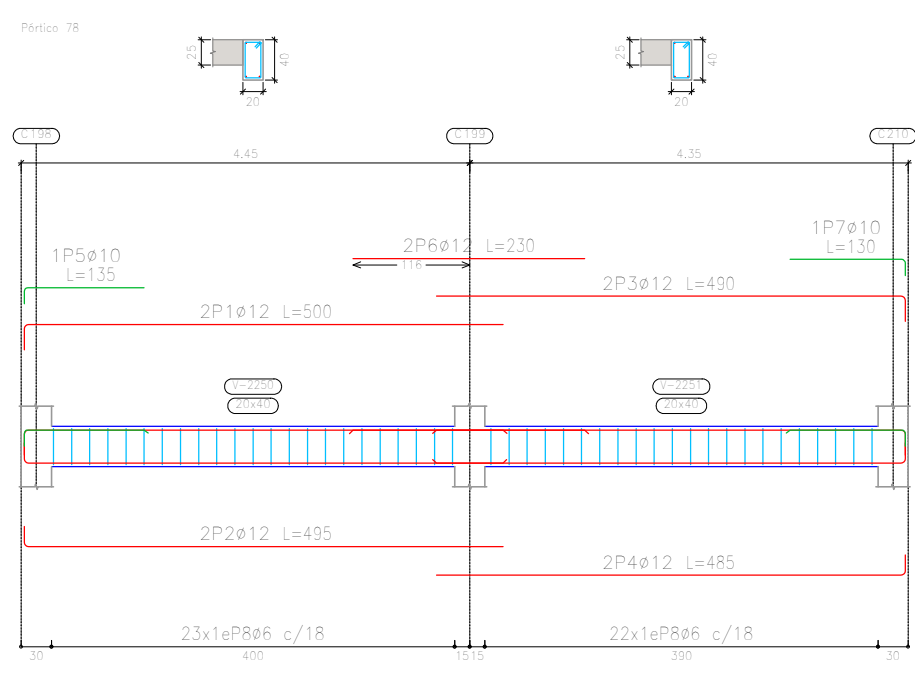


PLANO VIGAS DE H° A°

ESC. 1:75



Elemento	Pos.	Díam.	No.	Esquema (cm)	Long (cm)	Totol (cm)	44=500 (kg)
Pórtico 18	1	ø12	4		500	1000	8.9
	2	ø12	4		400	800	8.9
	3	ø12	4		400	800	8.7
	4	ø12	4		400	800	8.6
	5	ø10	2		150	150	1.9
	6	ø12	2		200	400	3.1
	7	ø10	2		150	150	1.9
	8	ø6	45		114	5130	11.4
Pórtico 18=							30.1
Pórtico 19	1	ø12	4		510	1020	18.2
	2	ø12	4		510	1020	18.1
	3	ø10	2		150	150	1.9
	4	ø10	2		200	400	3.1
	5	ø10	2		150	150	1.9
	6	ø10	2		150	200	1.2
	7	ø10	2		150	150	1.9
	8	ø6	45		114	5472	12.1
Pórtico 19=							33.6
Pórtico 81	1	ø12	4		400	800	10.1
	2	ø10	2		150	150	1.9
	3	ø6	35		94	2350	5.2
Pórtico 81=							17.3
Pórtico 83	1	ø12	4		400	800	18.3
	2	ø12	4		510	1020	18.3
	3	ø10	2		150	150	1.9
	4	ø10	2		200	400	3.1
	5	ø10	2		150	150	1.9
	6	ø10	2		150	200	1.2
	7	ø10	2		150	150	1.9
	8	ø6	45		114	5472	12.1
Pórtico 83=							33.6
Pórtico 84	1	ø12	4		400	800	18.2
	2	ø12	4		510	1020	18.1
	3	ø10	2		150	150	1.9
	4	ø12	2		200	400	3.2
	5	ø10	2		150	150	1.9
	6	ø6	35		114	5472	12.1
Pórtico 84=							33.6
Pórtico 85	1	ø12	4		400	800	18.1
	2	ø12	4		510	1020	18.1
	3	ø10	2		150	150	1.9
	4	ø10	2		200	400	3.1
	5	ø10	2		150	150	1.9
	6	ø10	2		150	200	1.2
	7	ø10	2		150	150	1.9
Pórtico 86	1	ø12	4		400	800	18.3
	2	ø12	4		510	1020	18.1
	3	ø10	2		150	150	1.9
	4	ø10	2		200	400	3.1
	5	ø10	2		150	150	1.9
	6	ø10	2		150	200	1.2
	7	ø10	2		150	150	1.9
Pórtico 88	1	ø12	4		400	800	18.3
	2	ø12	4		400	800	18.1
	3	ø12	4		400	800	18.1
	4	ø12	2		150	300	2.9
	5	ø12	2		150	300	2.7
	6	ø10	2		150	200	1.4
	7	ø12	2		150	200	1.9
Pórtico 89	8	ø6	35		114	4332	5.6
	9	ø6	35		111	2340	3.2
	10	ø10	2		150	150	1.9
	11	ø10	2		150	200	1.2
	12	ø10	2		150	150	1.9
Pórtico 89=							33.7
Pórtico 89=							33.7

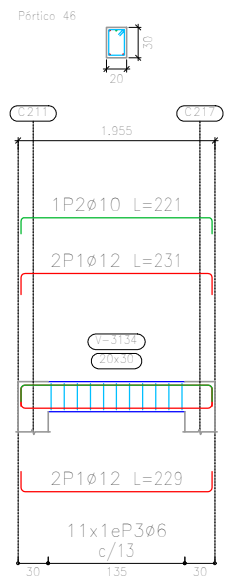


PLANTA 2 -- HABITACIONES
Despiece de vigas
Hormigón: H-21
Acero en barras: AH-500
Acero en estribos: AH-500
Escala pórticos 1:75
Escala secciones 1:75
Escala huecos 1:75

PLANO VIGAS DE H° A°

ESC. 1:75

Elemento	Pos.	Diám.	No.	Esquema (cm)	Long. (cm)	Total (cm)	AH-500 (kg)
Pórtico 4B	1	ø12	4		231	234	8.2
	2	ø10	1		231	231	1.4
	3	ø6	11		94	1034	2.1
Sumatoria							11.7
ø6							2.1
ø10							1.4
ø12							8.2
Total							11.7



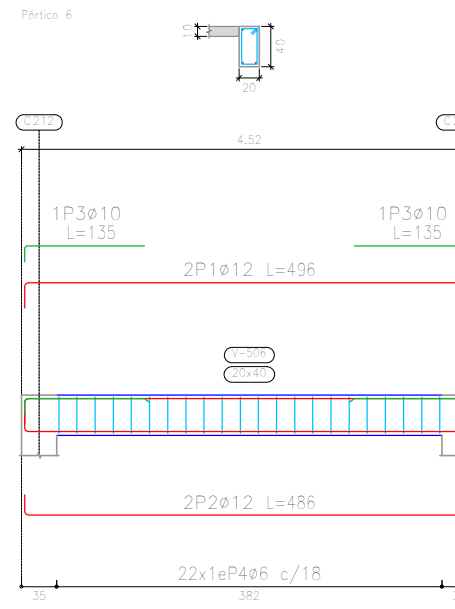
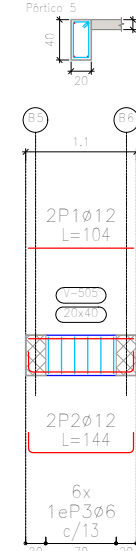
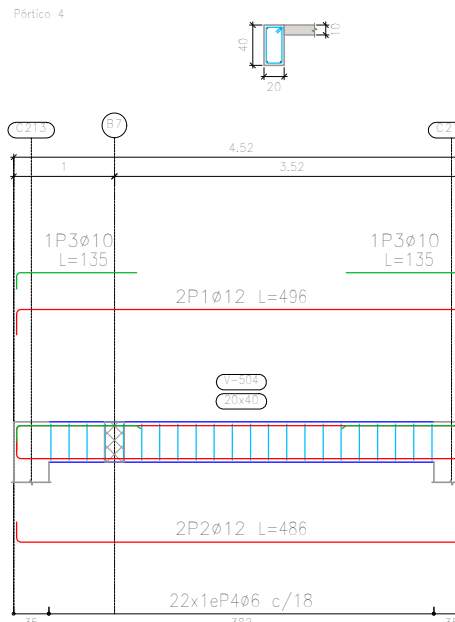
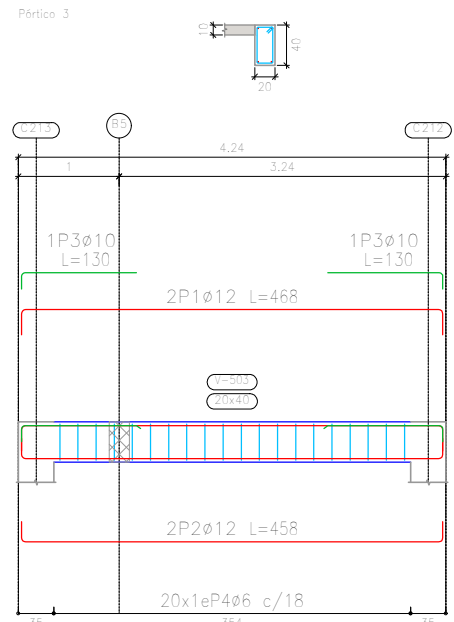
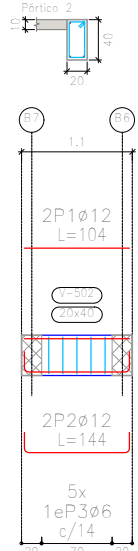
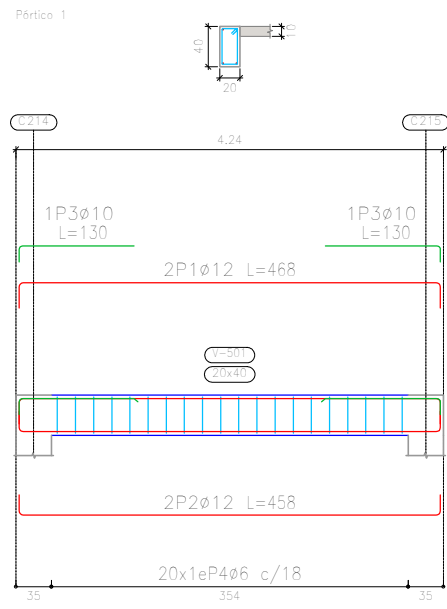
PLANTA 3 – CONT. SALA ESTAR
Despiece de vigas
Hormigón: H-21
Acero en barras: AH-500
Acero en estribos: AH-500
Escala pórticos 1:75
Escala secciones 1:75
Escala huecos 1:75

Resumen Acero	Long. total (m)	Peso+8% (kg)	Total
Plano de pórticos			
AH-500 ø6	2745.7	658	
ø10	417.1	278	
ø12	1932.3	1853	
ø16	52.0	89	
ø20	4.8	13	2891

PLANTA 2 – HABITACIONES
Despiece de vigas
Hormigón: H-21
Acero en barras: AH-500
Acero en estribos: AH-500
Escala pórticos 1:75
Escala secciones 1:75
Escala huecos 1:75

Resumen Acero	Long. total (m)	Peso+8% (kg)	Total
Plano de pórticos			
AH-500 ø6	5702.8	1367	
ø8	121.9	52	
ø10	781.0	520	
ø12	4151.8	3981	
ø16	455.2	776	
ø20	33.2	88	6784

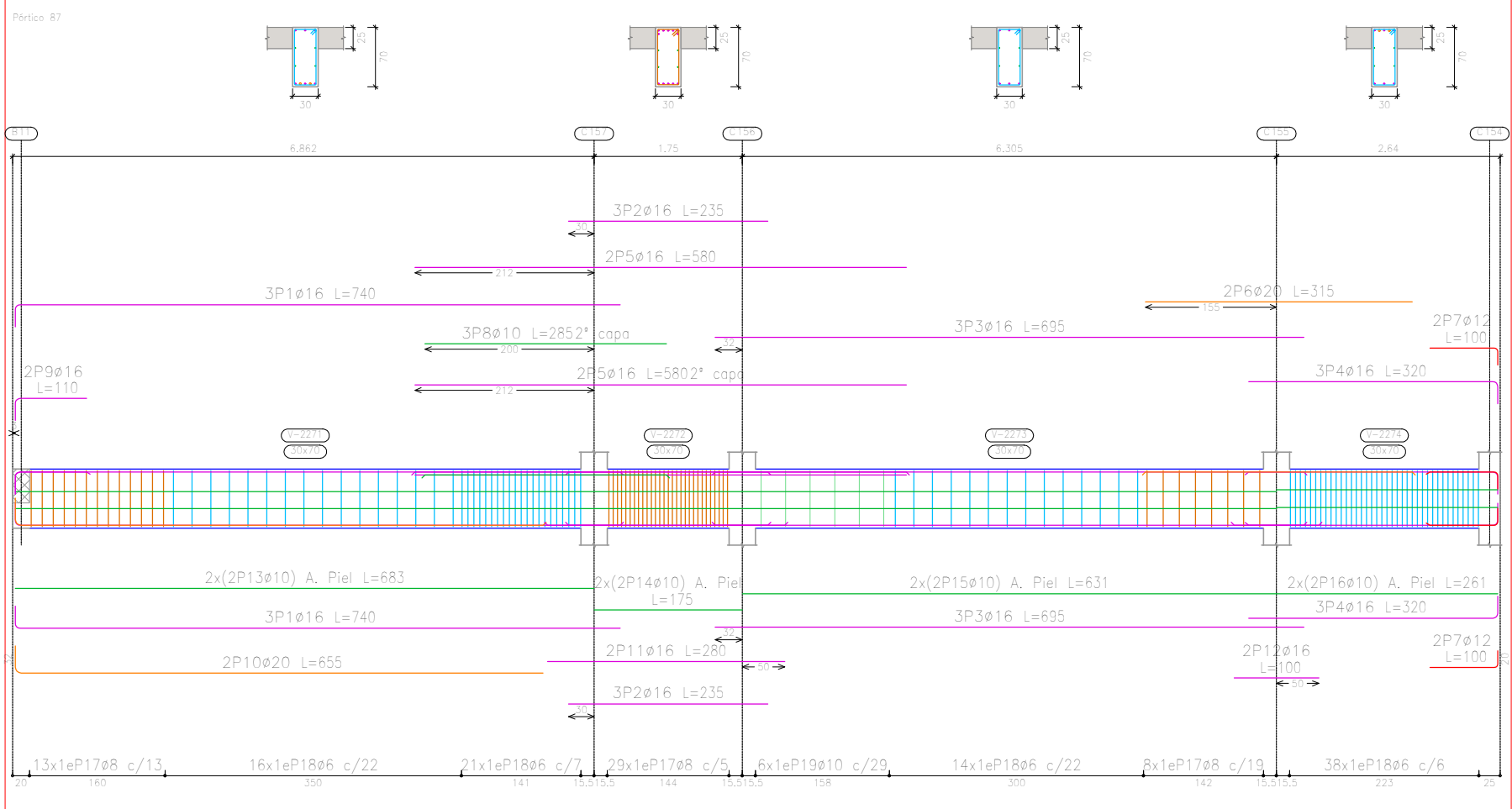
Elemento	Pos.	Diám.	No.	Esquema (cm)	Long. (cm)	Total (cm)	AH-500 (kg)
Pórtico 8T	1	ø16	2		174	348	94.1
	2	ø16	2		232	464	121.7
	3	ø16	2		425	850	219.8
	4	ø16	2		384	768	197.5
	5	ø16	14		384	5376	134.8
	6	ø20	12		115	1380	115.1
	7	ø12	4		81	324	3.4
	8	ø10	1		285	285	5.2
	9	ø16	12		81	972	2.1
	10	ø20	12		422	5064	32.1
	11	ø16	2		284	568	6.8
	12	ø16	2		100	200	1.2
	13	ø10	4		284	1136	14.8
	14	ø10	4		119	476	4.1
	15	ø10	24		284	6816	15.9
	16	ø10	12		284	3408	8.4
	17	ø6	50		1	50	36.9
	18	ø6	80		1	80	36.3
	19	ø10	4		285	1140	7.4
Sumatoria							919.8
ø6							71.4
ø8							42.0
ø10							62.2
ø12							3.3
ø16							258.8
ø20							11.7
Total							1039.5



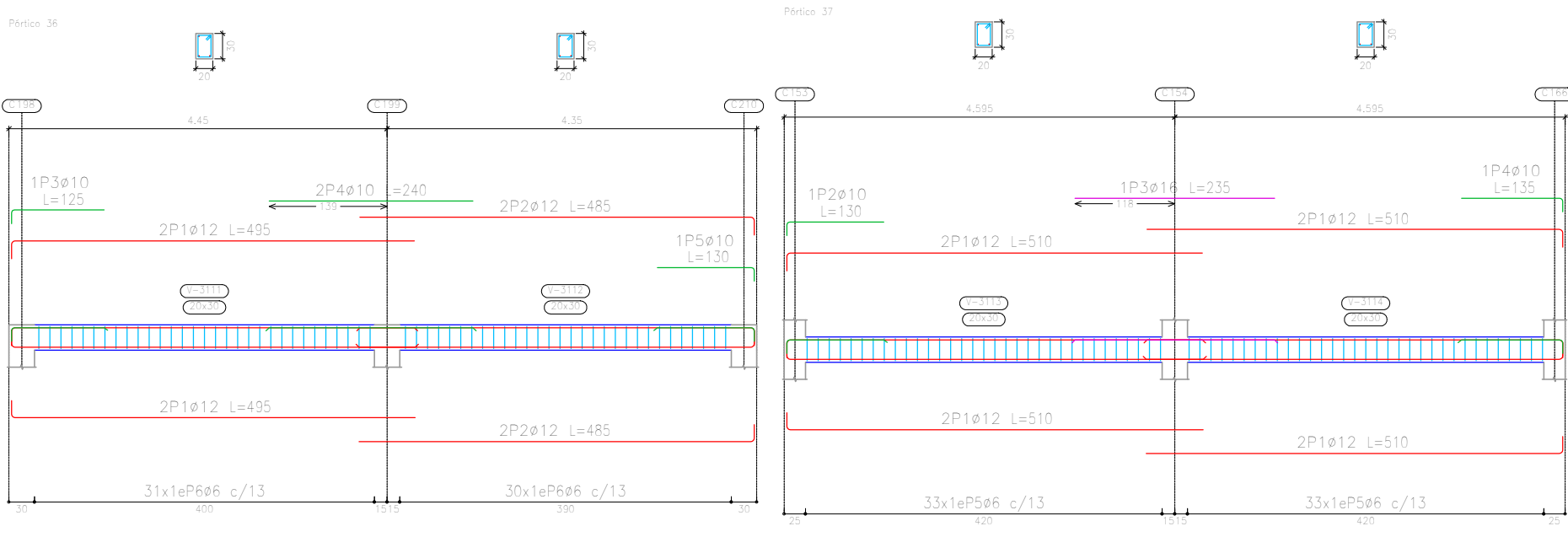
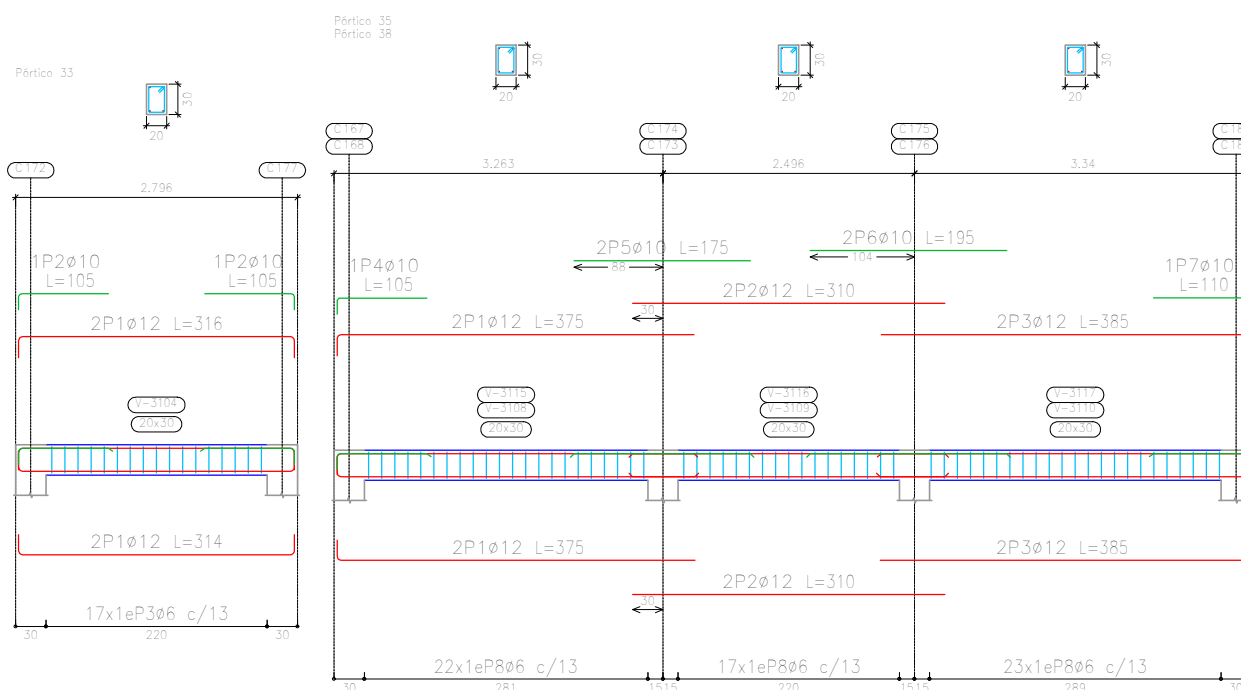
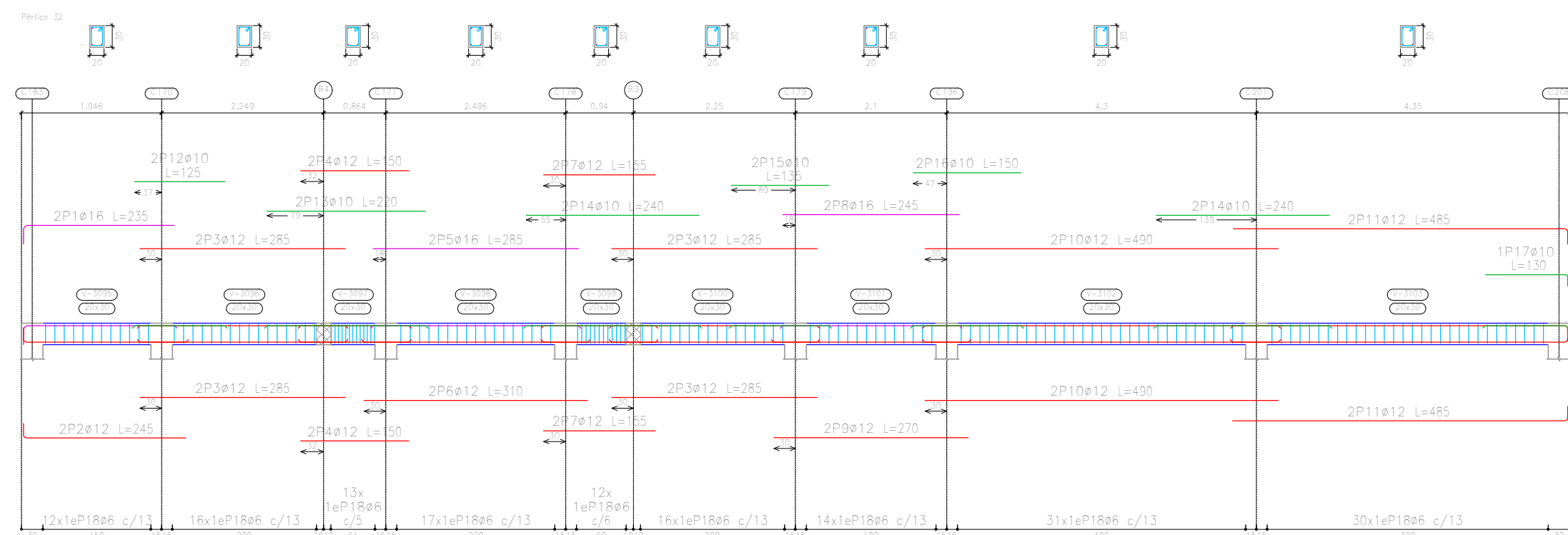
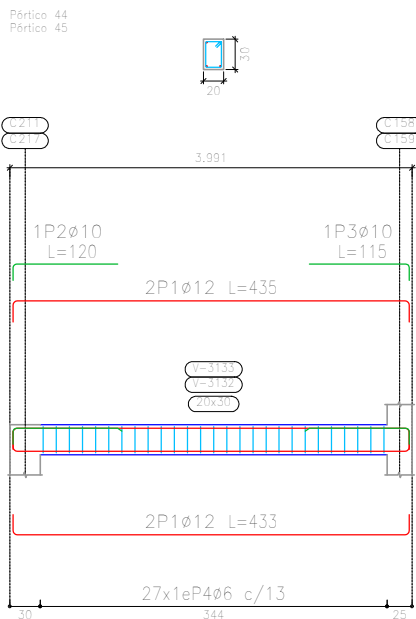
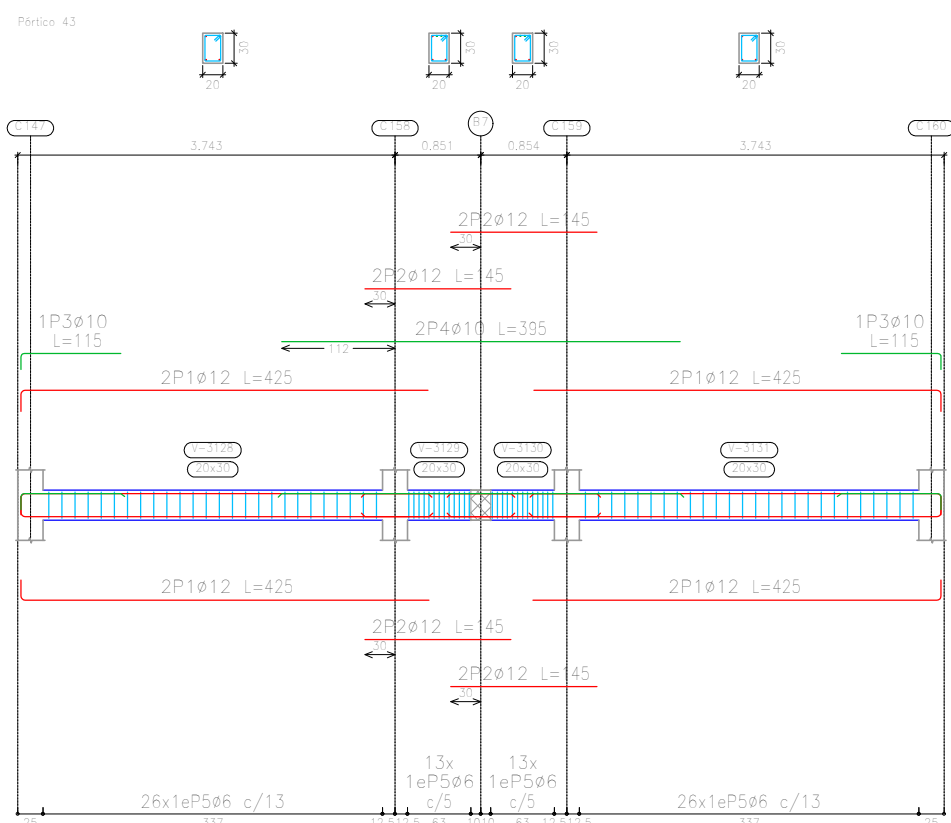
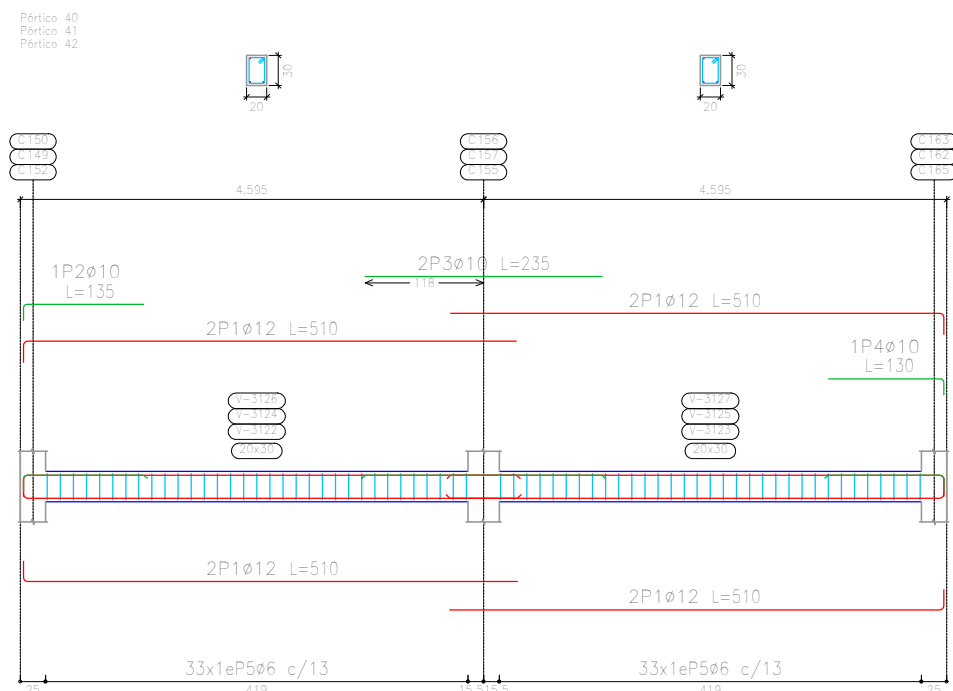
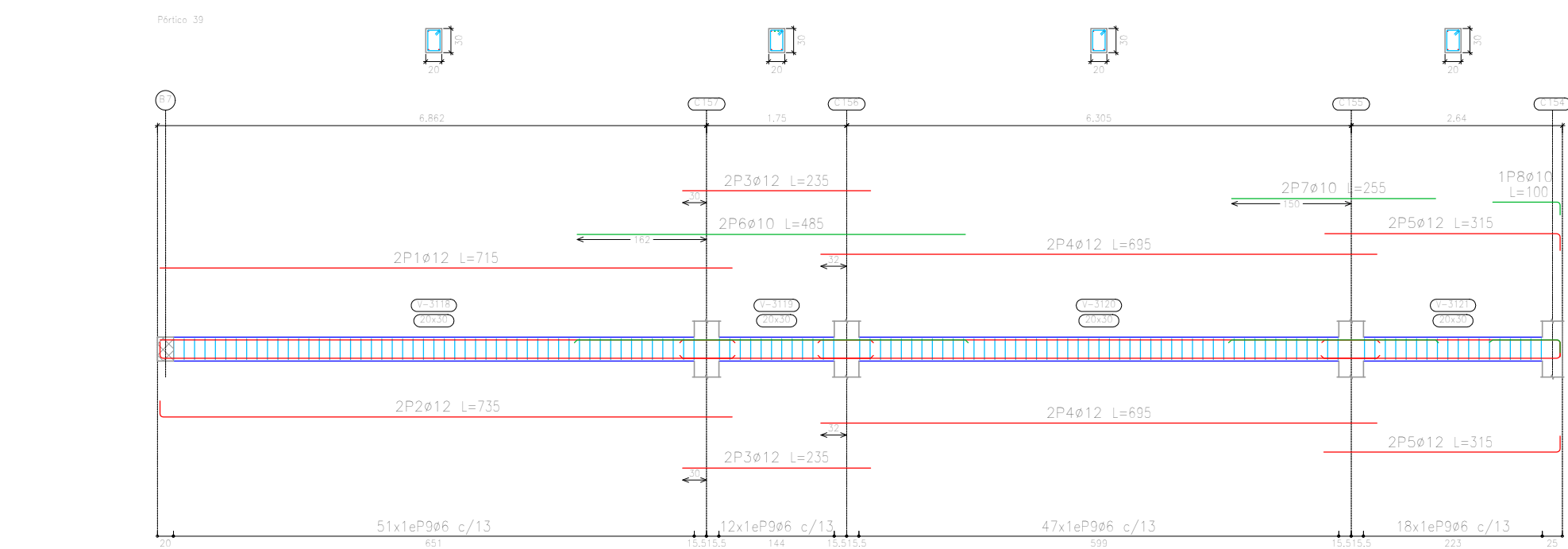
Elemento	Pos.	Diám.	No.	Esquema (cm)	Long. (cm)	Total (cm)	AH-500 (kg)
Pórtico 1	1	ø12	2		434	868	105.8
	2	ø12	2		434	868	105.8
	3	ø10	2		130	260	1.4
	4	ø6	20		114	2280	5.1
Sumatoria							281.9
Pórtico 2	1	ø12	2		104	208	1.4
	2	ø12	2		144	288	2.4
	3	ø6	5		114	570	1.3
	4	ø6	20		114	2280	5.1
Sumatoria							10.2
Pórtico 3	1	ø12	2		434	868	105.8
	2	ø12	2		434	868	105.8
	3	ø10	2		130	260	1.4
	4	ø6	20		114	2280	5.1
Sumatoria							281.9
Pórtico 4	1	ø12	2		434	868	105.8
	2	ø12	2		434	868	105.8
	3	ø10	2		130	260	1.4
	4	ø6	20		114	2280	5.1
Sumatoria							281.9
Pórtico 5	1	ø12	2		104	208	1.4
	2	ø12	2		144	288	2.4
	3	ø6	4		114	456	1.5
	4	ø6	20		114	2280	5.1
Sumatoria							10.2
Pórtico 6	1	ø12	2		434	868	105.8
	2	ø12	2		434	868	105.8
	3	ø10	2		130	260	1.4
	4	ø6	20		114	2280	5.1
Sumatoria							281.9
ø6							26.2
ø10							7.7
ø12							82.4
Total							116.6

Resumen Acero	Long. total (m)	Peso+8% (kg)	Total
Plano de pórticos			
AH-500 ø6	108.3	26	
ø10	10.6	7	
ø12	86.2	83	116

PLANTA 5 – BASE TANQUE ELEVADO
Despiece de vigas
Hormigón: H-21
Acero en barras: AH-500
Acero en estribos: AH-500
Escala pórticos 1:75
Escala secciones 1:75
Escala huecos 1:75



PLANO VIGAS DE H° A°
ESC. 1:75

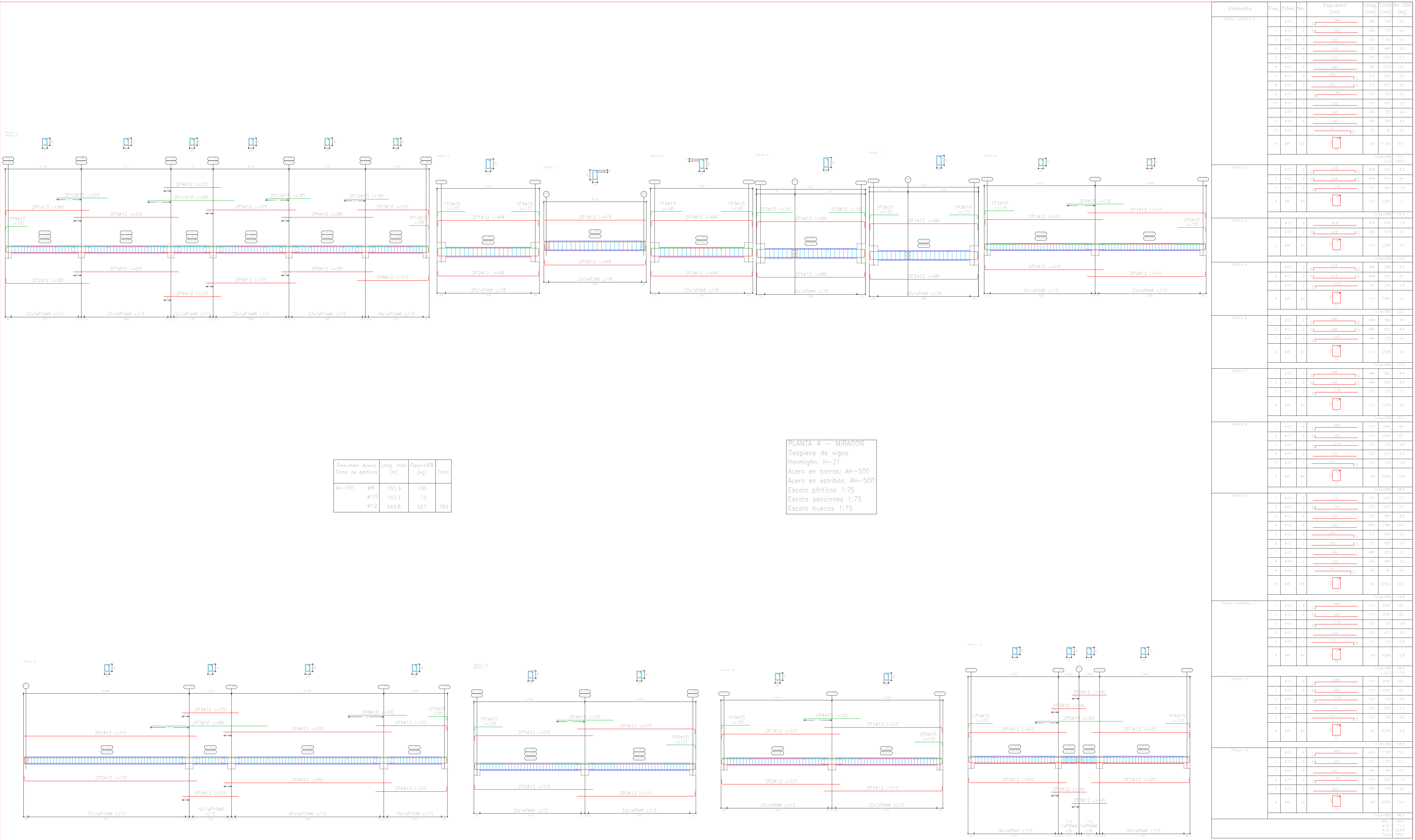


PLANTA 3 - CONT. SALA ESTAR
Despiece de vigas
Hormigón: H=21
Acero en barras: AH-500
Acero en estribos: AH-500
Escala pórticos: 1:75
Escala secciones: 1:75
Escala huecos: 1:75

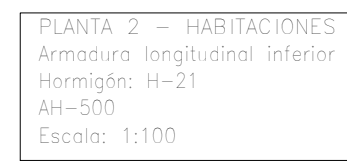
Elemento	Pos.	Diám.	No.	Esquema (cm)	Long. (cm)	Peso (kg)	AH-500 (kg)
Punto 32	1	ø18	2		235	470	2.4
	2	ø18	2		245	490	4.4
	3	ø18	8		285	2280	26.2
	4	ø12	4		150	600	5.3
	5	ø16	2		245	370	9.0
	6	ø12	2		210	820	5.5
	7	ø12	4		150	600	5.5
	8	ø16	2		245	490	7.7
	9	ø12	2		270	540	4.8
	10	ø12	4		400	1680	12.4
	11	ø12	4		480	1920	12.2
	12	ø10	2		120	240	1.5
	13	ø10	2		220	440	2.7
	14	ø10	4		240	960	5.3
	15	ø10	2		120	240	1.7
	16	ø10	2		100	200	1.8
	17	ø10	1		120	120	0.8
	18	ø6	140		94	5134	33.6
				Peso=435			
Punto 33	1	ø12	4		210	840	11.2
	2	ø10	2		150	300	1.3
	3	ø6	17		94	5328	3.5
				Peso=335			
Punto 36 y Punto 38	1	ø10	4		220	880	13.3
	2	ø10	4		210	840	11.0
	3	ø10	4		385	1540	13.7
	4	ø10	1		100	100	0.6
	5	ø10	2		170	340	2.3
	6	ø10	2		190	380	2.4
	7	ø10	1		110	110	0.5
	8	ø6	62		94	5628	12.3
				Peso=425			
Punto 36	1	ø12	4		450	1800	17.6
	2	ø12	4		480	1920	17.2
	3	ø10	1		120	120	0.8
	4	ø10	2		240	480	3.3
	5	ø10	1		150	150	0.9
				Peso=335			
Punto 37	1	ø12	8		510	4080	36.2
	2	ø10	1		120	120	0.8
	3	ø10	1		230	230	3.7
	4	ø10	1		100	100	0.8
	5	ø6	44		94	6024	13.8
				Peso=435			
Punto 38	1	ø12	2		710	1420	12.7
	2	ø12	2		750	1500	12.7
	3	ø10	4		250	900	8.3
	4	ø10	4		400	1600	14.7
	5	ø12	4		210	840	11.2
	6	ø10	2		480	960	6.3
	7	ø10	2		250	500	3.1
	8	ø10	1		100	100	0.8
				Peso=435			
Punto 38 y Punto 40	1	ø12	8		510	4080	36.2
	2	ø10	1		120	120	0.8
	3	ø10	2		230	460	3.3
	4	ø10	1		120	120	0.9
	5	ø6	44		94	6024	13.8
				Peso=435			
Punto 43	1	ø12	8		420	3360	31.2
	2	ø12	8		450	3600	31.2
	3	ø10	2		110	220	1.6
	4	ø10	1		100	100	4.8
	5	ø6	18		94	5332	16.3
				Peso=335			
Punto 44 y Punto 45	1	ø10	4		420	1680	11.4
	2	ø10	1		120	120	0.7
	3	ø10	1		110	110	0.7
	4	ø6	27		94	5076	5.6
				Peso=435			
				Peso=335			
				Peso=335			
				Peso=335			

PLANO VIGAS DE H° A°

ESC. 1:75



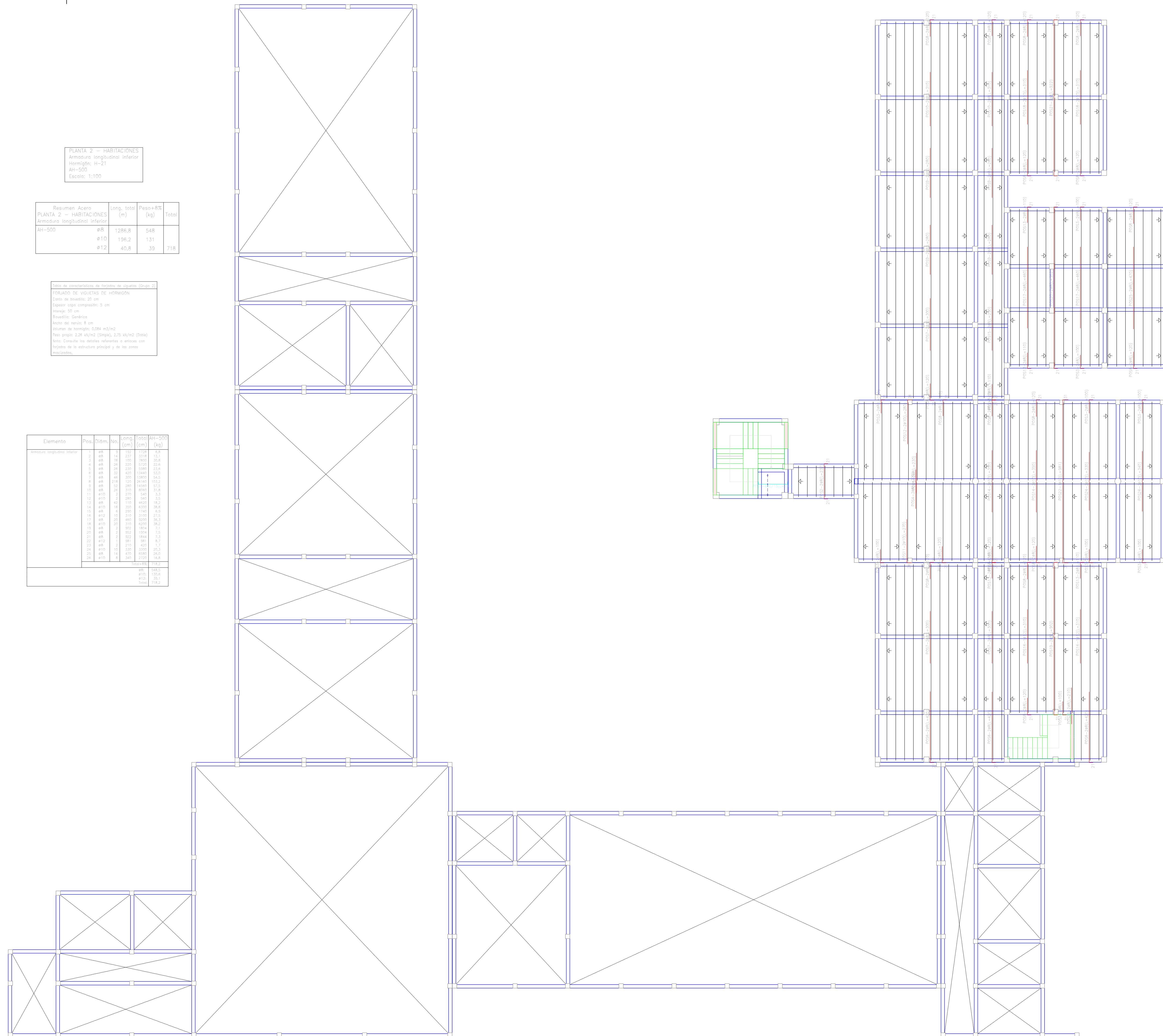
ESC. 1:100



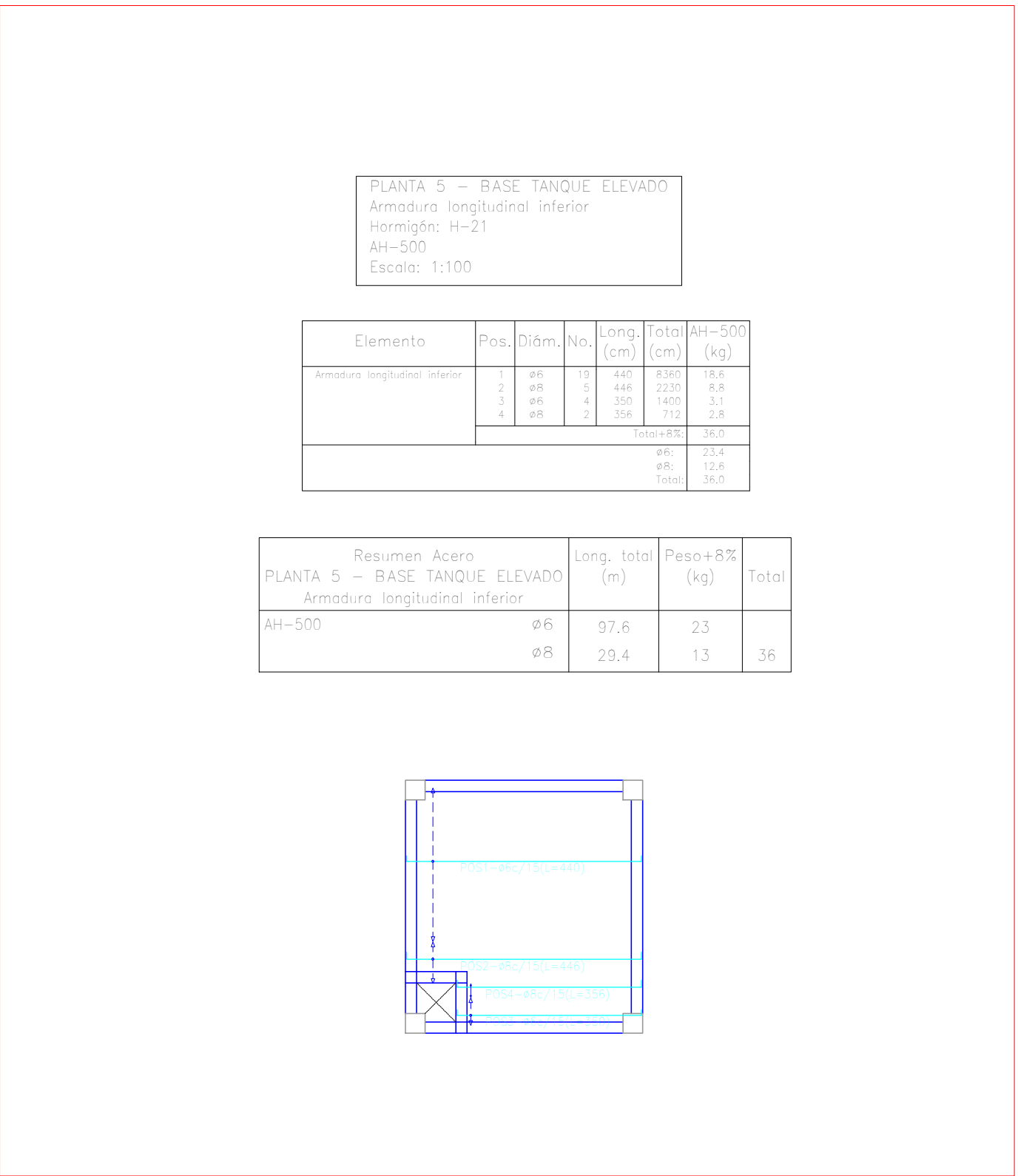
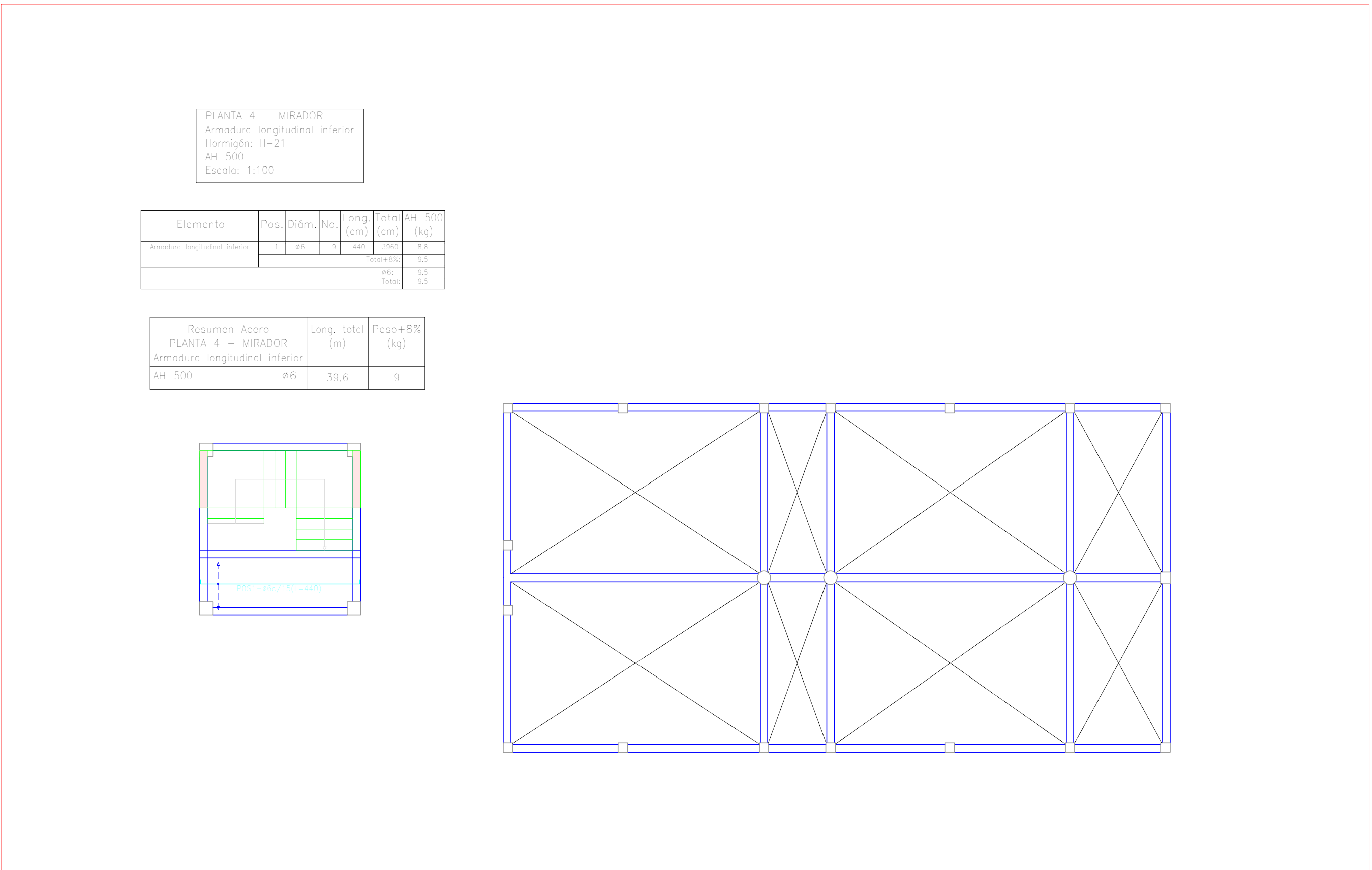
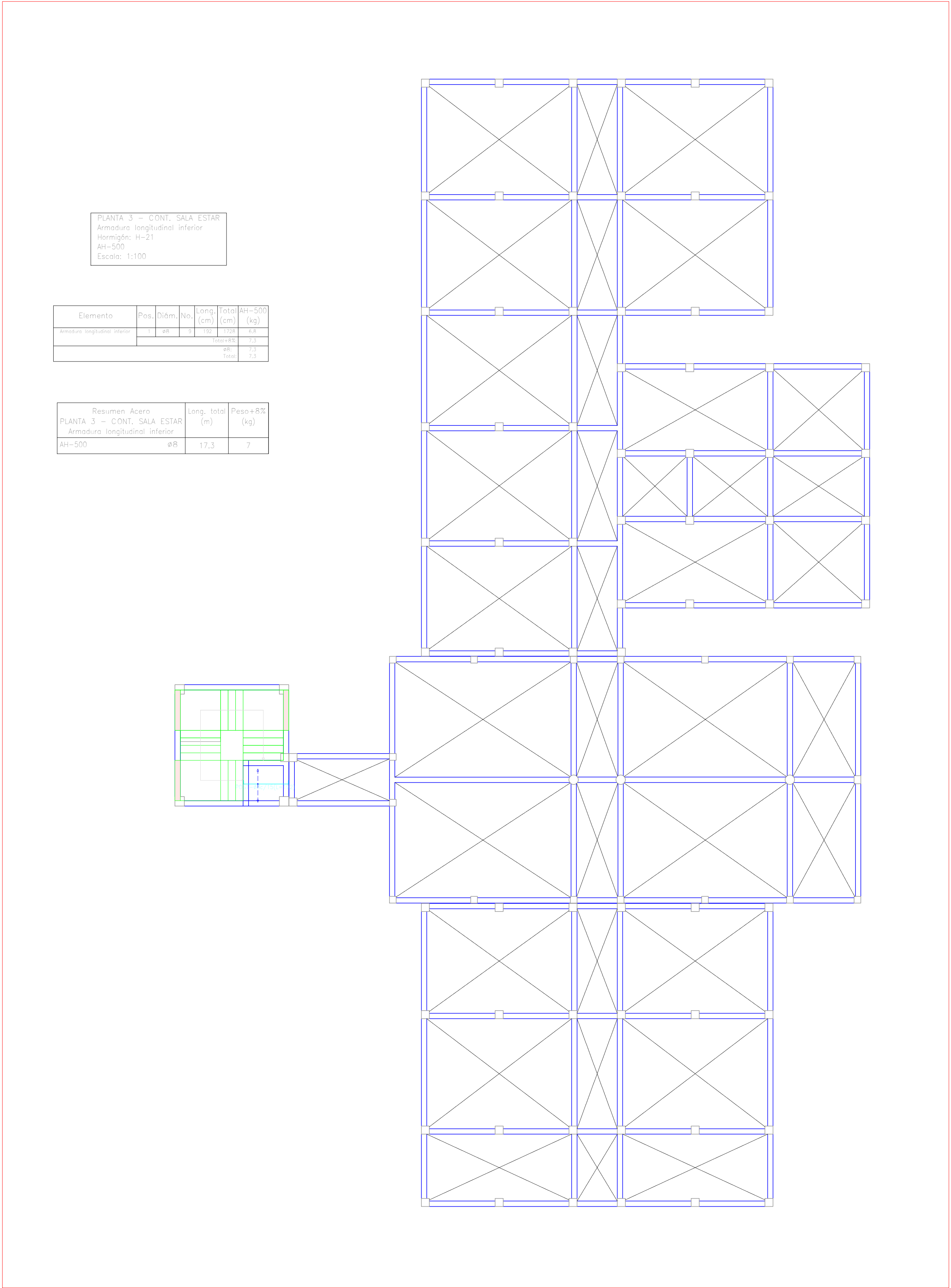
Resumen Acero	Long. total (m)	Peso+8% (kg)	Total
PLANTA 2 - HABITACIONES			
Armadura longitudinal inferior			
AH-500	ø8	1286,8	548
	ø10	196,2	131
	ø12	40,8	39
			718

Tabla de características de forjados de viguetas (Grupo 2) FORJADO DE VIGUETAS DE HORMIGÓN Canto de bovedilla: 20 cm Exposr capo compresión: 5 cm Intensaj: 50 cm Bovedilla: Cerámica Ancho del nervio: 8 cm Volumen de hormigón: 0,084 m3/m2 Peso propio: 2,26 kN/m2 (Simpa), 2,75 kN/m2 (Doble) Nota: Consulte los detalles referentes a anclajes con forjados de la estructura principal y de las zonas macizas.
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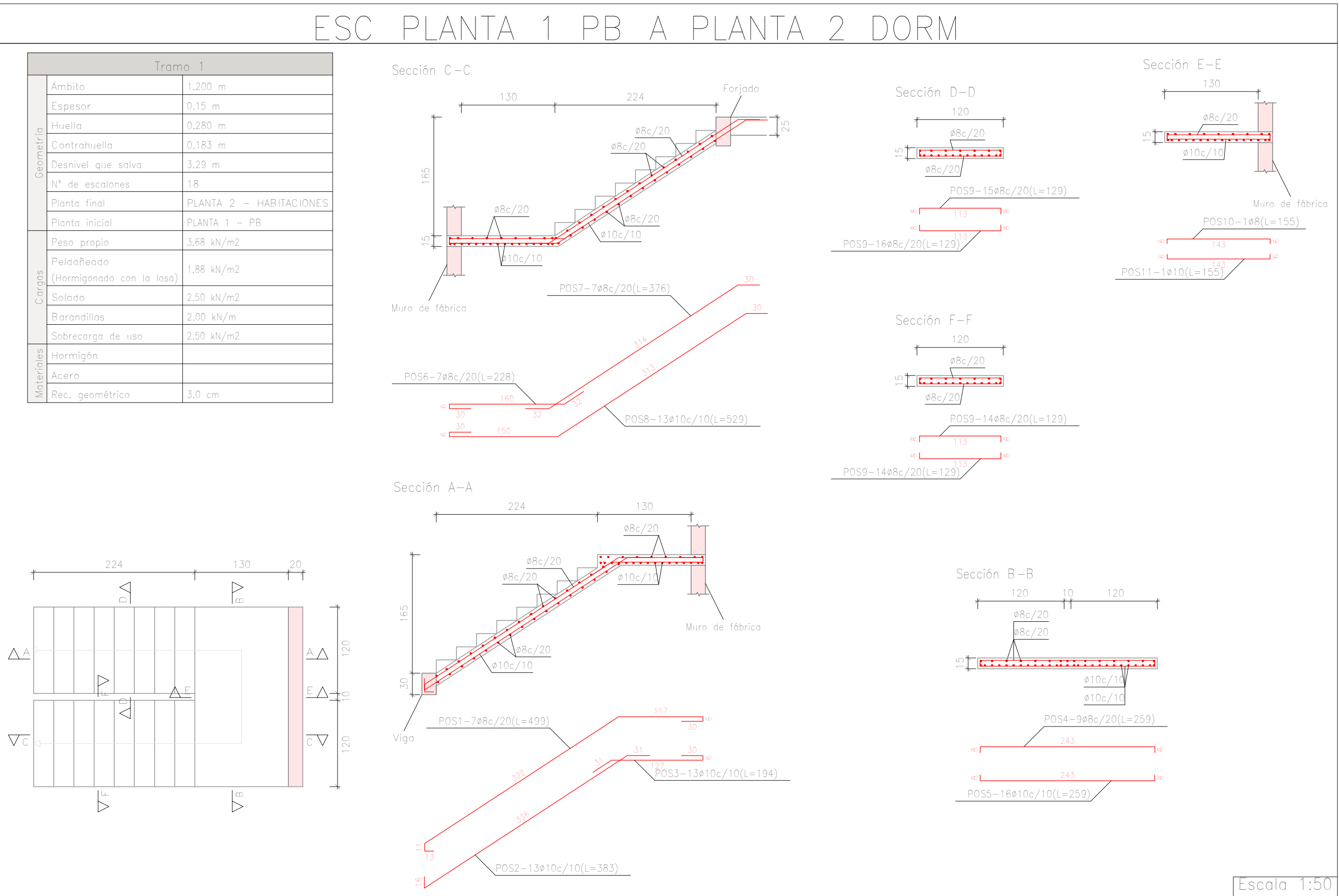
Elemento	Pos.	Dist. (m)	Long. (m)	Lat. (m)	Alt. (m)
monitore longitudinale station	1	0	0	0	0
2	0	18	223	178	13
3	0	18	224	178	13
4	0	38	220	179	20
5	0	38	220	179	20
6	0	58	420	1140	53
7	0	58	420	1140	53
8	0	78	218	120	10
9	0	78	218	120	10
10	1	0	220	180	1.3
11	1	0	220	180	1.3
12	1	15	115	860	182
13	1	15	115	860	182
14	1	35	120	900	182
15	1	35	120	900	182
16	1	55	115	860	182
17	1	55	115	860	182
18	1	75	440	1100	278
19	1	75	440	1100	278
20	2	0	262	1910	7.5
21	2	0	262	1910	7.5
22	2	12	91	981	8
23	2	12	91	981	8
24	2	32	91	981	8
25	2	32	91	981	8
26	2	52	8	4308	250
27	2	52	8	4308	250
28	2	72	8	4308	250
29	2	72	8	4308	250
30	2	92	8	4308	250
31	2	92	8	4308	250
32	3	0	340	1910	19.2
33	3	0	340	1910	19.2
34	3	20	145	145	5
35	3	20	145	145	5
36	3	40	145	145	5
37	3	40	145	145	5
38	3	60	145	145	5
39	3	60	145	145	5
40	3	80	145	145	5
41	3	80	145	145	5
42	3	100	145	145	5
43	3	100	145	145	5
44	3	120	145	145	5
45	3	120	145	145	5
46	3	140	145	145	5
47	3	140	145	145	5
48	3	160	145	145	5
49	3	160	145	145	5
50	3	180	145	145	5
51	3	180	145	145	5
52	3	200	145	145	5
53	3	200	145	145	5
54	3	220	145	145	5
55	3	220	145	145	5
56	3	240	145	145	5
57	3	240	145	145	5
58	3	260	145	145	5
59	3	260	145	145	5
60	3	280	145	145	5
61	3	280	145	145	5
62	3	300	145	145	5
63	3	300	145	145	5
64	3	320	145	145	5
65	3	320	145	145	5
66	3	340	145	145	5
67	3	340	145	145	5
68	3	360	145	145	5
69	3	360	145	145	5
70	3	380	145	145	5
71	3	380	145	145	5
72	3	400	145	145	5
73	3	400	145	145	5
74	3	420	145	145	5
75	3	420	145	145	5
76	3	440	145	145	5
77	3	440	145	145	5
78	3	460	145	145	5
79	3	460	145	145	5
80	3	480	145	145	5
81	3	480	145	145	5
82	3	500	145	145	5
83	3				



PLANO DE LOSAS DE H° A°
ESC. 1:100



PLANO ESCALERAS DE H° A°

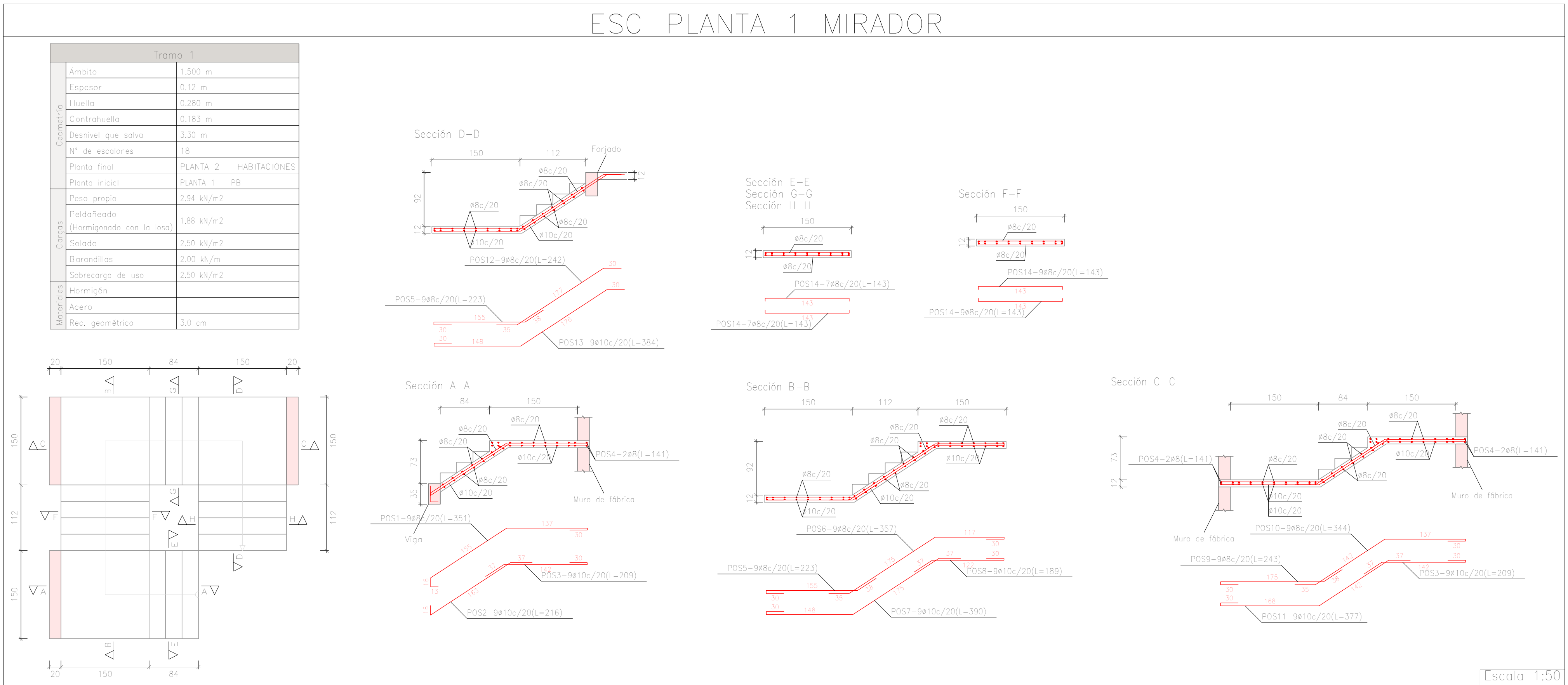


Elemento	Pos.	Dím.	Nº.	Long. (m)	Total (m)	AR-500 (kg)
ESC PLANTA 1 PB A PLANTA 2 DORM - Tramo 1	1	Ø8c/20	12	280	3360	12,8
	2	Ø10c/10	15	194	2910	20,5
	3	Ø8c/20	15	194	2310	15,5
	4	Ø8c/20	3	220	660	2,5
	5	Ø10c/10	16	200	2160	25,5
	6	Ø8c/20	17	220	1380	5,5
	7	Ø8c/20	1	230	230	10,4
	8	Ø10c/10	15	200	1870	42,4
	9	Ø8c/20	15	120	180	5,8
	10	Ø8c/20	1	120	120	5,8
	11	Ø10c/10	1	120	120	12,8
Suma					205,2	
AR-500					12,8	
Ø8c					12,8	
Ø10c					12,8	
Total					205,2	

Resumen Acero	Long. total (m)	Peso+8% (kg)	Total
ESC PLANTA 1 PB A PLANTA 2 DORM	Ø8	178,2	76
AR-500	Ø10	186,8	124
			200

Resumen Acero	Long. total (m)	Peso+8% (kg)	Total
ESC PLANTA 1 MIRADOR	Ø8	272,7	116
AR-500	Ø10	177,7	118
			234

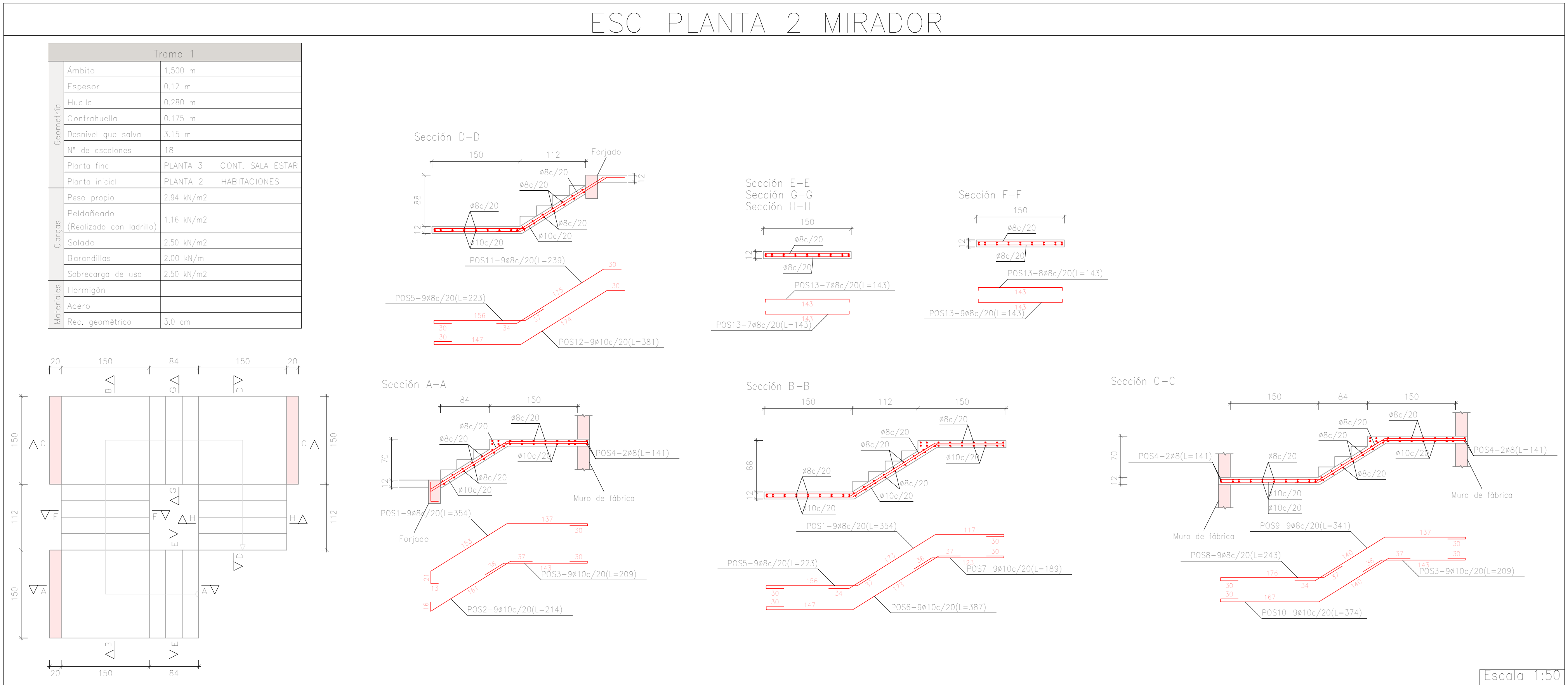
Elemento	Pos.	Dím.	Nº.	Long. (m)	Total (m)	AR-500 (kg)
ESC PLANTA 1 MIRADOR - Tramo 1	1	Ø8c/20	4	200	800	12,8
	2	Ø10c/10	6	238	1404	12,8
	3	Ø8c/20	16	200	3200	23,2
	4	Ø8c/20	6	140	840	3,2
	5	Ø8c/20	10	220	2200	10,8
	6	Ø8c/20	3	200	600	12,8
	7	Ø10c/10	9	300	2700	27,8
	8	Ø10c/10	9	300	2700	10,8
	9	Ø8c/20	9	240	2160	8,4
	10	Ø8c/20	9	240	2160	12,8
	11	Ø10c/10	9	370	3330	25,8
	12	Ø8c/20	9	240	2160	8,4
	13	Ø10c/10	9	380	3420	21,8
	14	Ø8c/20	15	140	2100	33,8
Suma					282	
AR-500					12,8	
Ø8c					116,2	
Ø10c					118,2	
Total					234,2	



PLANO ESCALERAS DE H° A°

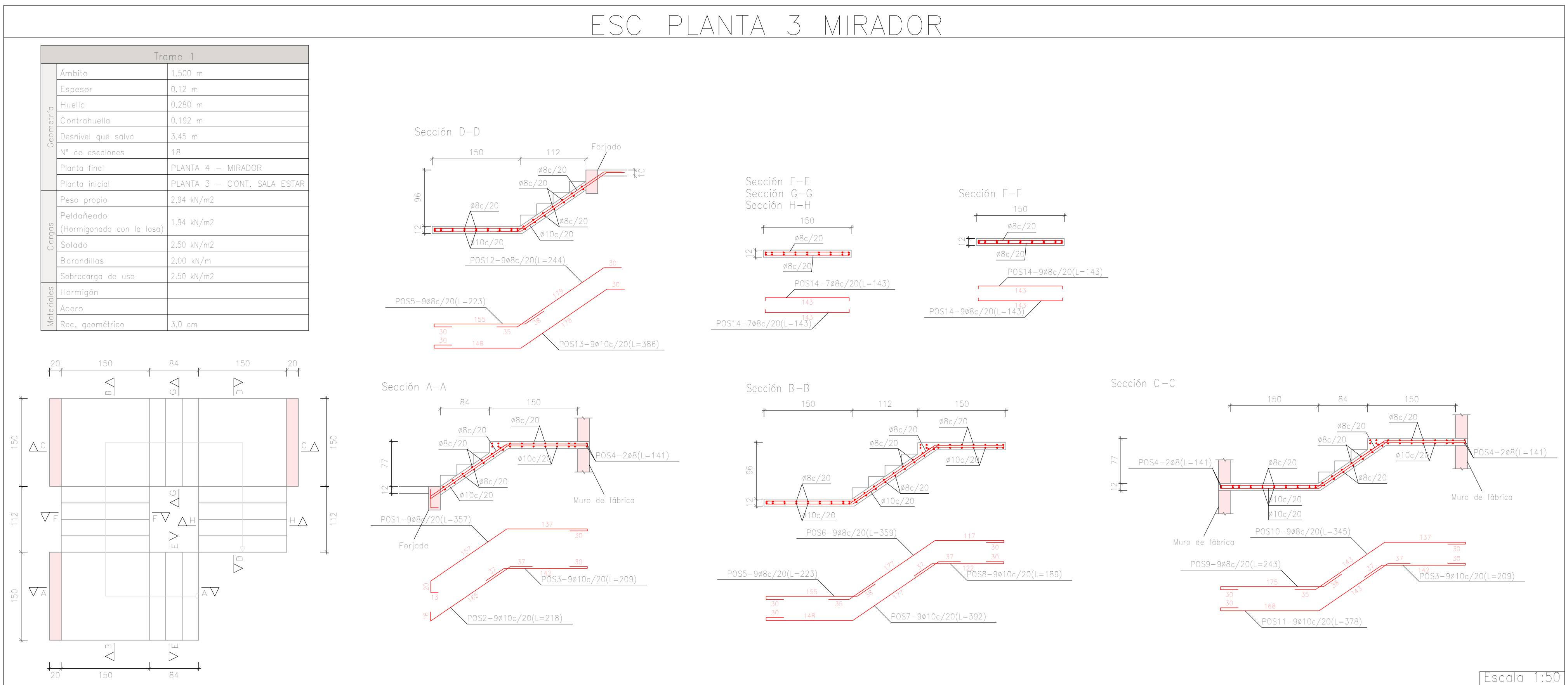
Resumen Acero		Long. total	Peso+8%	Total
ESC PLANTA 2 MIRADOR		(m)	(kg)	
AH-500	ø8	270,8	115	
	ø10	176,7	116	233

Elemento	Pos.	Subm.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
ESC PLANTA 2 MIRADOR -Tramo 1-	1	ø8	3	244	1932	11,9
	2	ø10	2	214	1268	11,9
	3	ø8	6	250	1500	23,2
	4	ø8	6	141	846	13,3
	5	ø8	3	250	750	12,6
	6	ø10	2	250	500	10,5
	7	ø8	3	141	423	6,8
	8	ø8	3	141	423	6,8
	9	ø8	3	230	690	10,1
	10	ø10	2	234	468	20,8
	11	ø8	2	210	420	4,5
	12	ø10	2	251	502	21,1
Suma=						115,2
+8%						124,4
Total						239,6

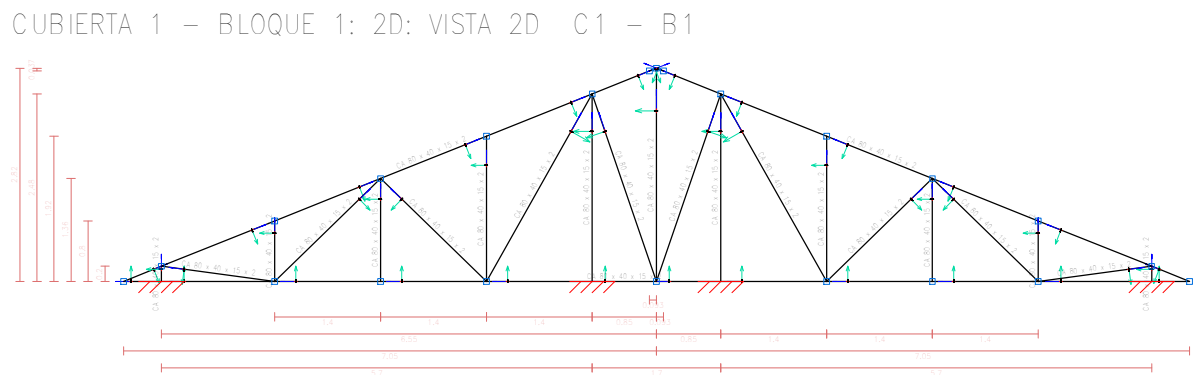


Resumen Acero		Long. total	Peso+8%	Total
ESC PLANTA 3 MIRADOR		(m)	(kg)	
AH-500	ø8	273,7	117	
	ø10	178,3	119	236

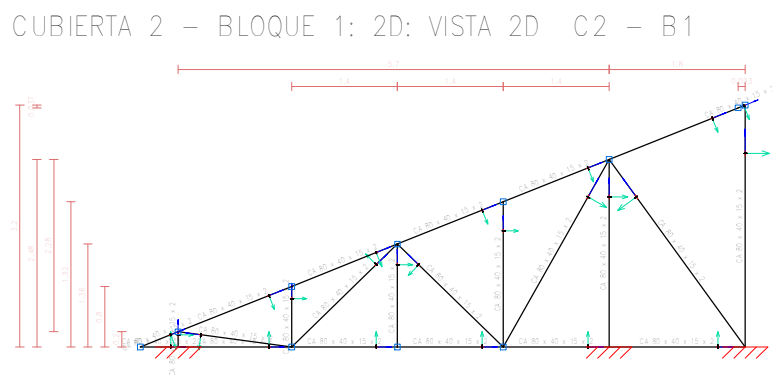
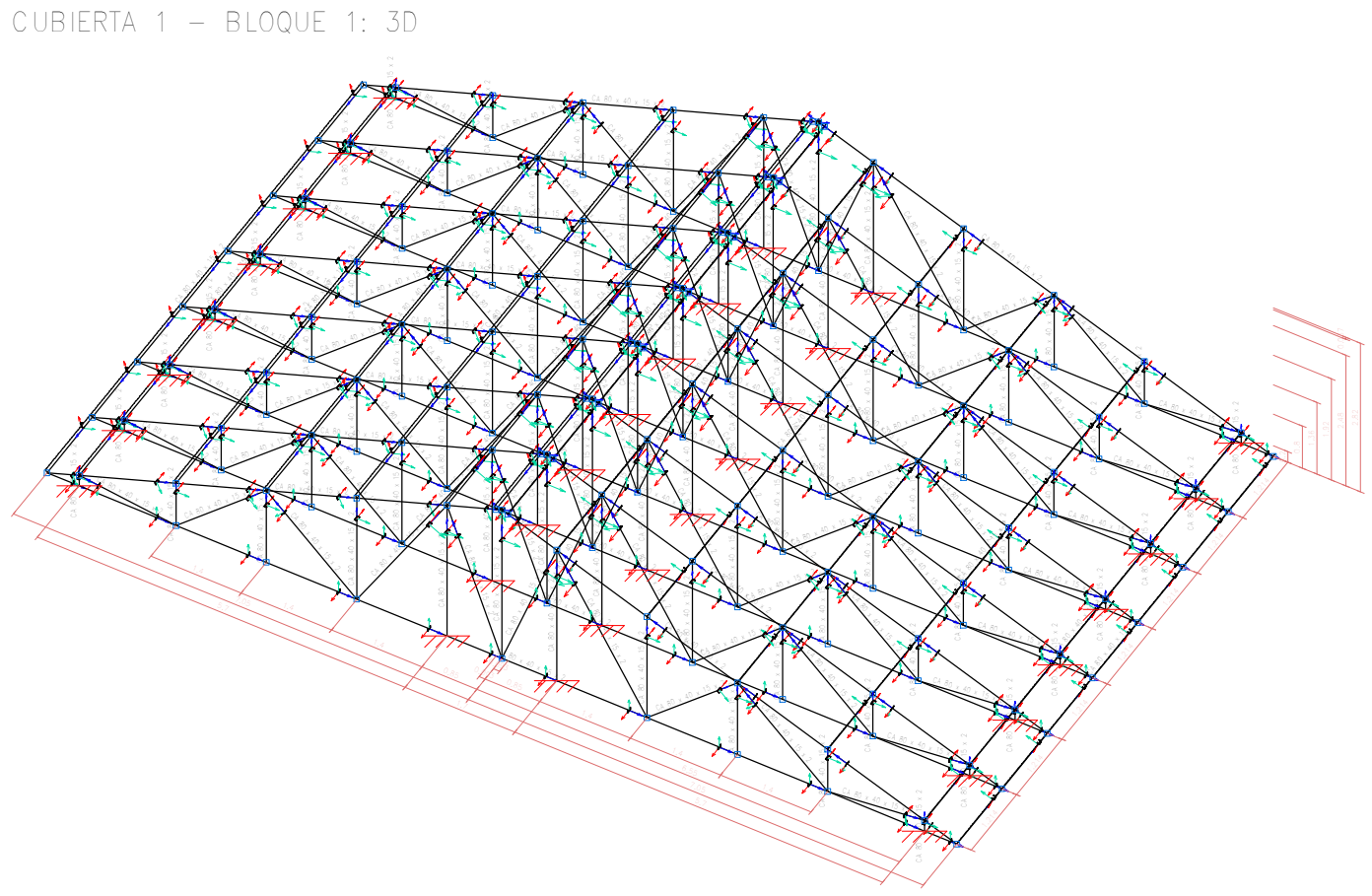
Elemento	Pos.	Subm.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
ESC PLANTA 3 MIRADOR -Tramo 1-	1	ø8	3	244	1932	11,9
	2	ø10	2	214	1268	11,9
	3	ø8	6	250	1500	23,2
	4	ø8	6	141	846	13,3
	5	ø8	3	250	750	12,6
	6	ø10	2	250	500	10,5
	7	ø8	3	141	423	6,8
	8	ø8	3	141	423	6,8
	9	ø8	3	230	690	10,1
	10	ø10	2	234	468	20,8
	11	ø8	2	210	420	4,5
	12	ø10	2	251	502	21,1
Suma=						117,0
+8%						126,4
Total						243,4



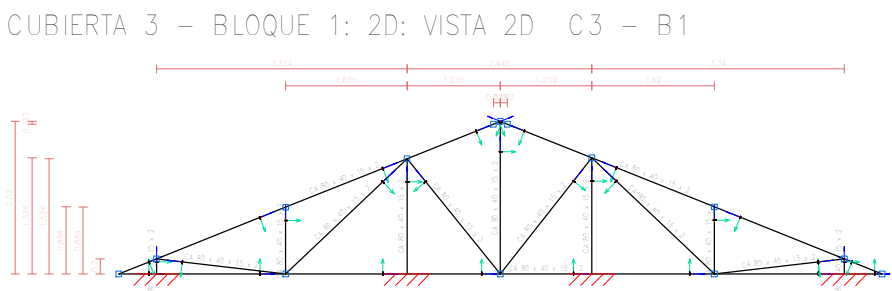
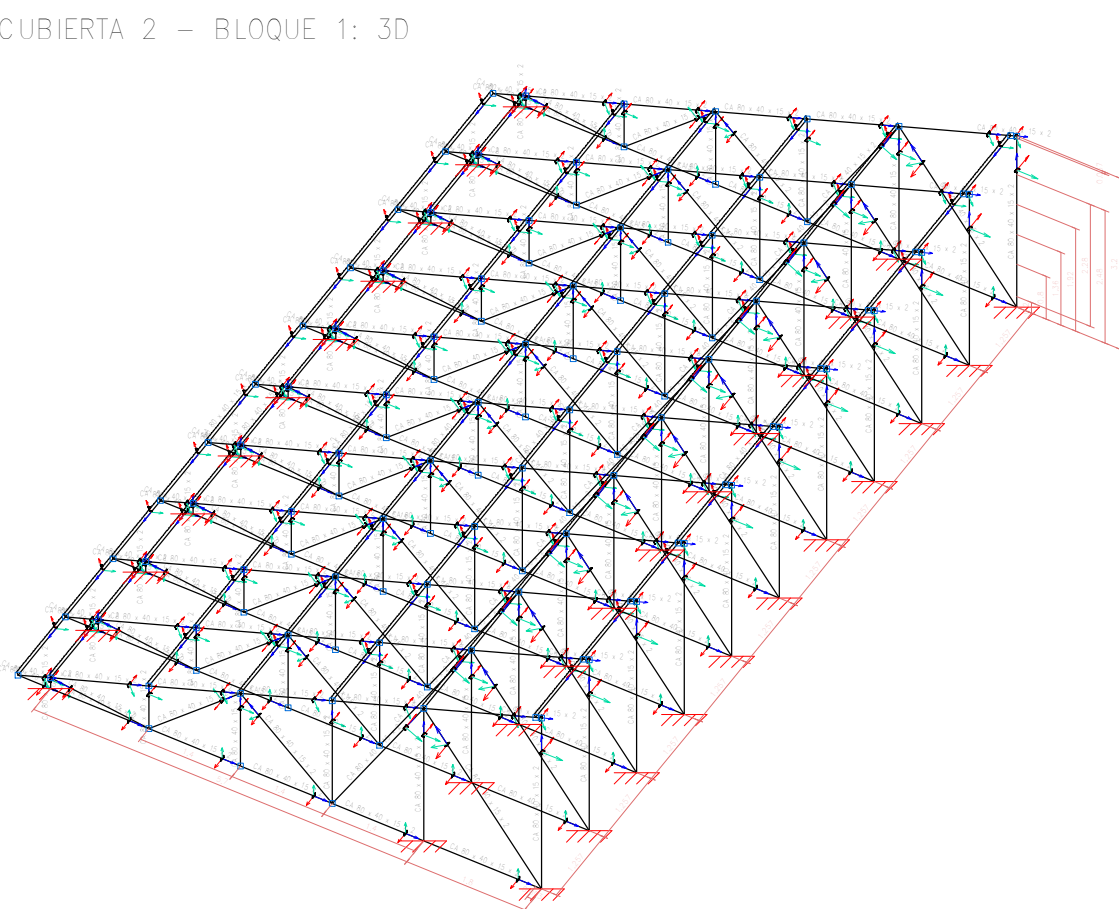
PLANO DE CUBIERTAS
ESC. 1:100



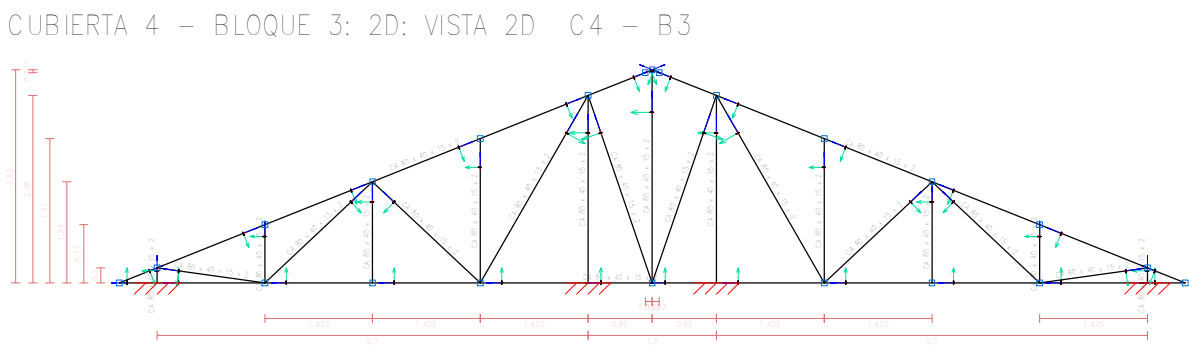
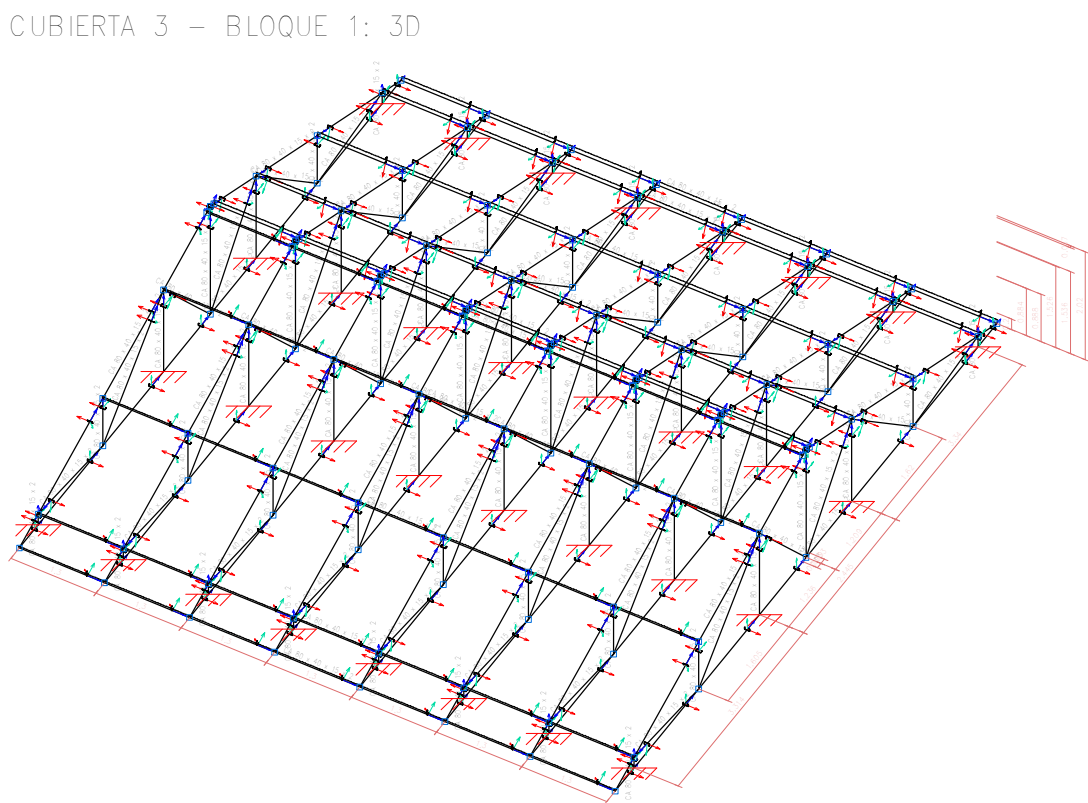
INTERNADO RURAL ENTRE RÍOS
CUBIERTA 1 – BLOQUE 1
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: A36
Escala: 1:100



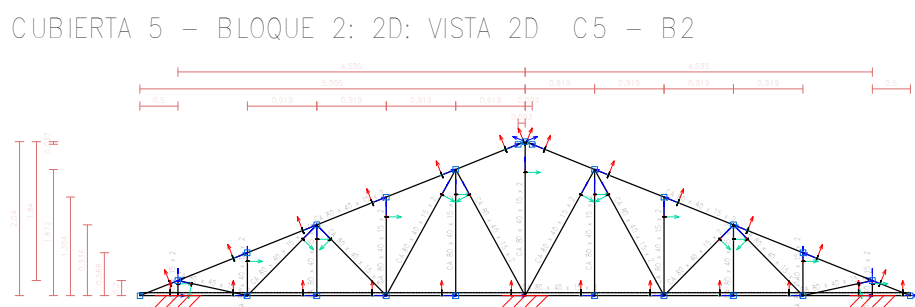
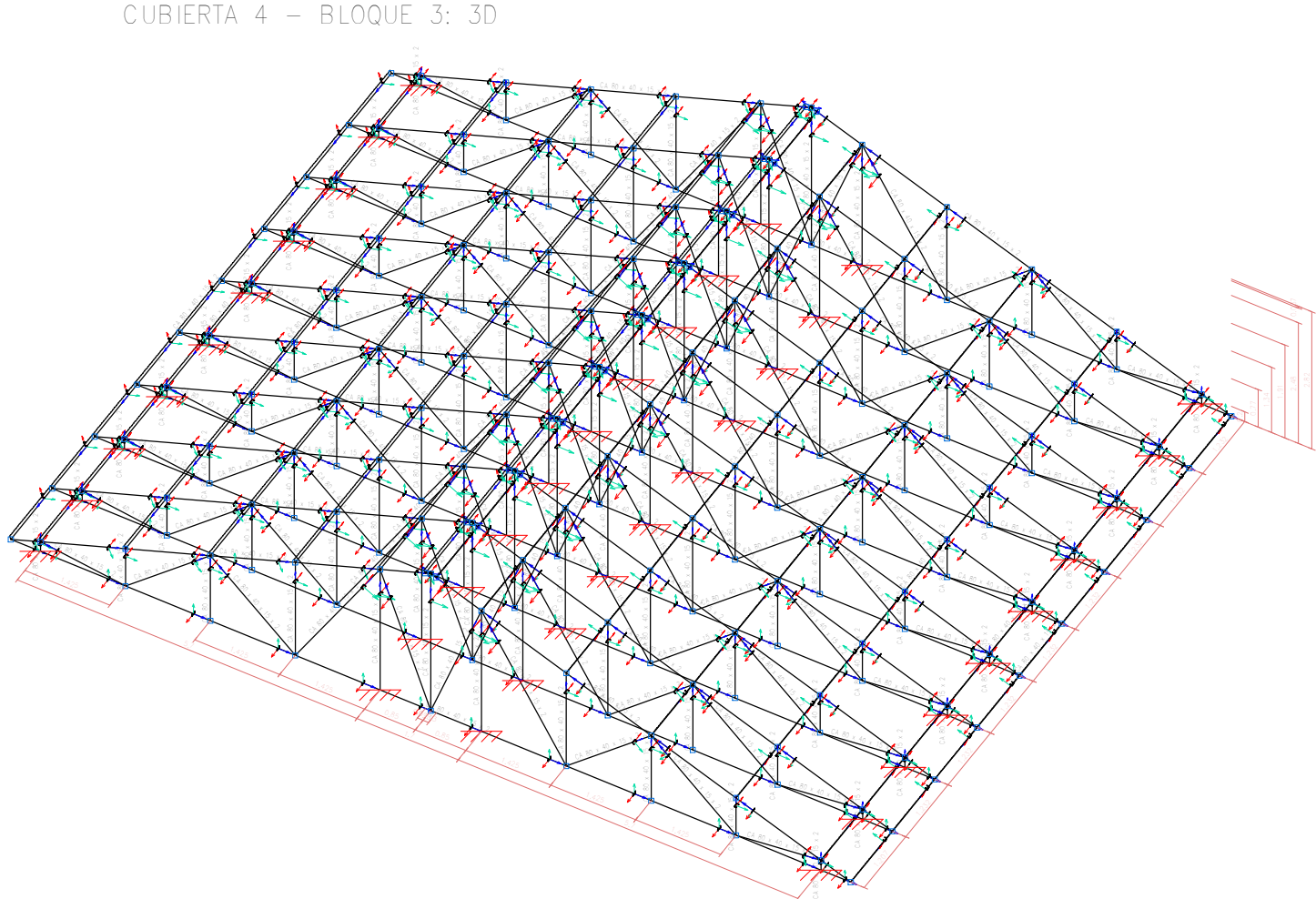
INTERNADO RURAL ENTRE RÍOS
CUBIERTA 2 – BLOQUE 1
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: A36
Escala: 1:100



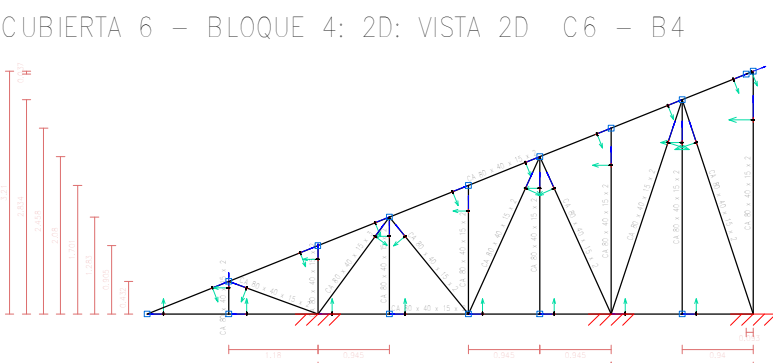
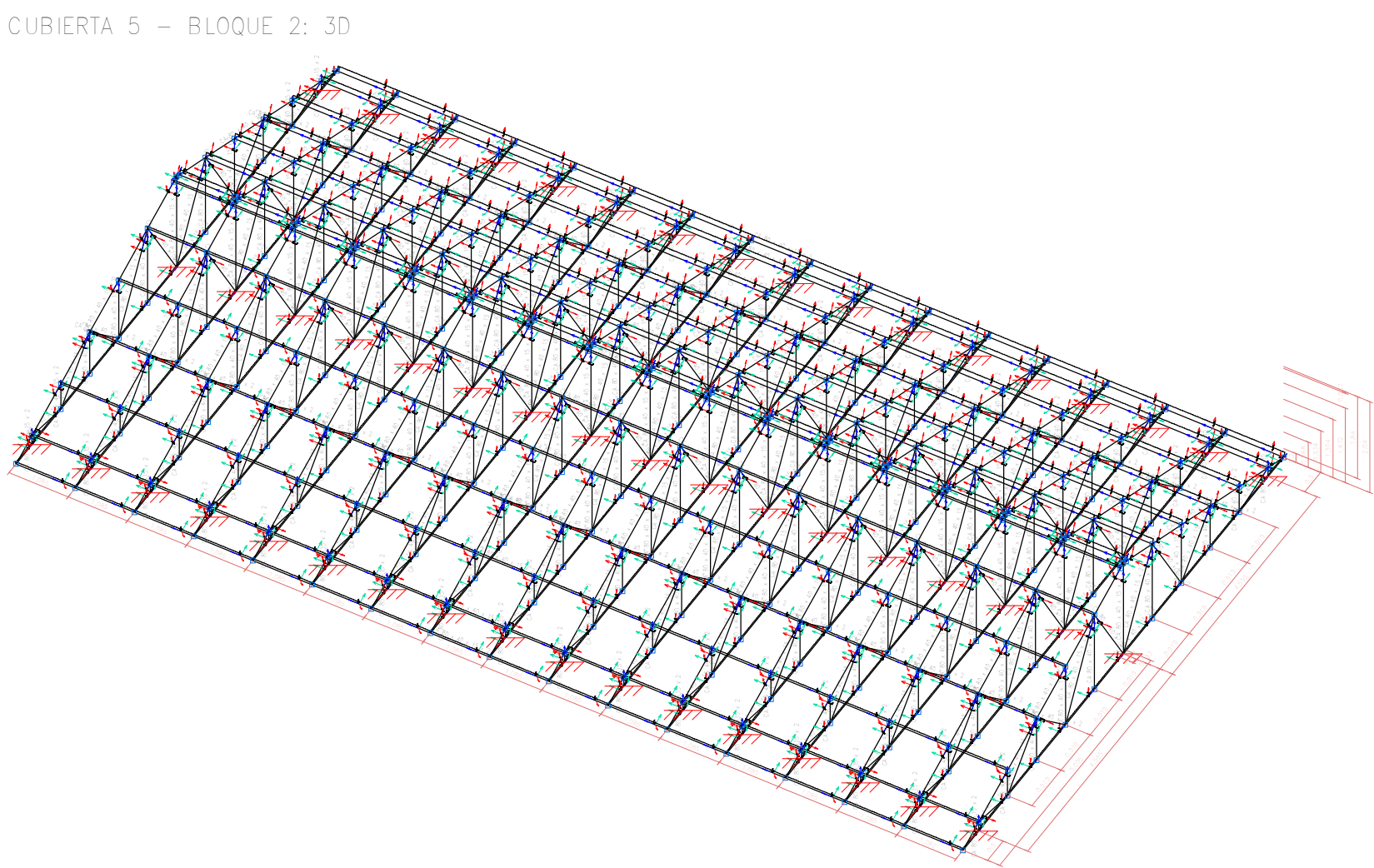
INTERNADO RURAL ENTRE RÍOS
CUBIERTA 3 – BLOQUE 1
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: A36
Escala: 1:100



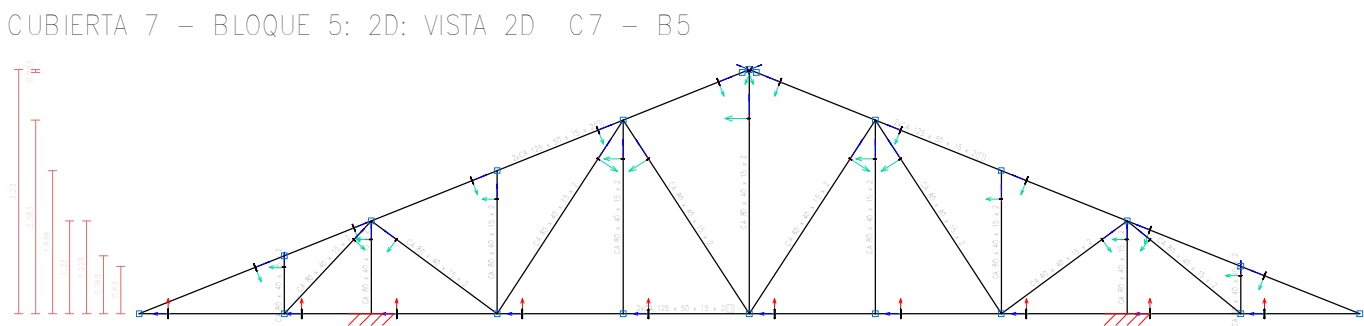
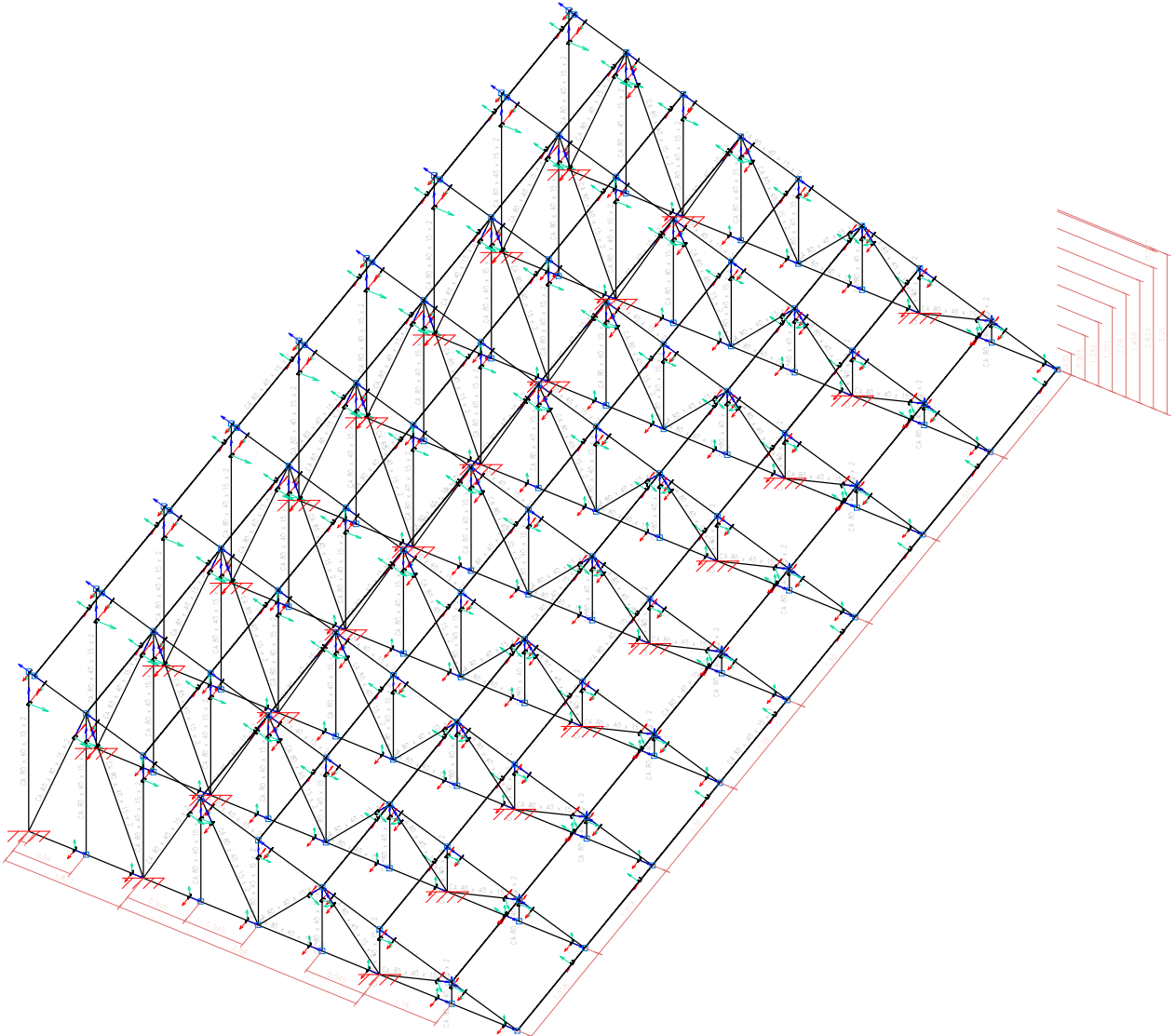
INTERNADO RURAL ENTRE RÍOS
CUBIERTA 4 – BLOQUE 3
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: A36
Escala: 1:100



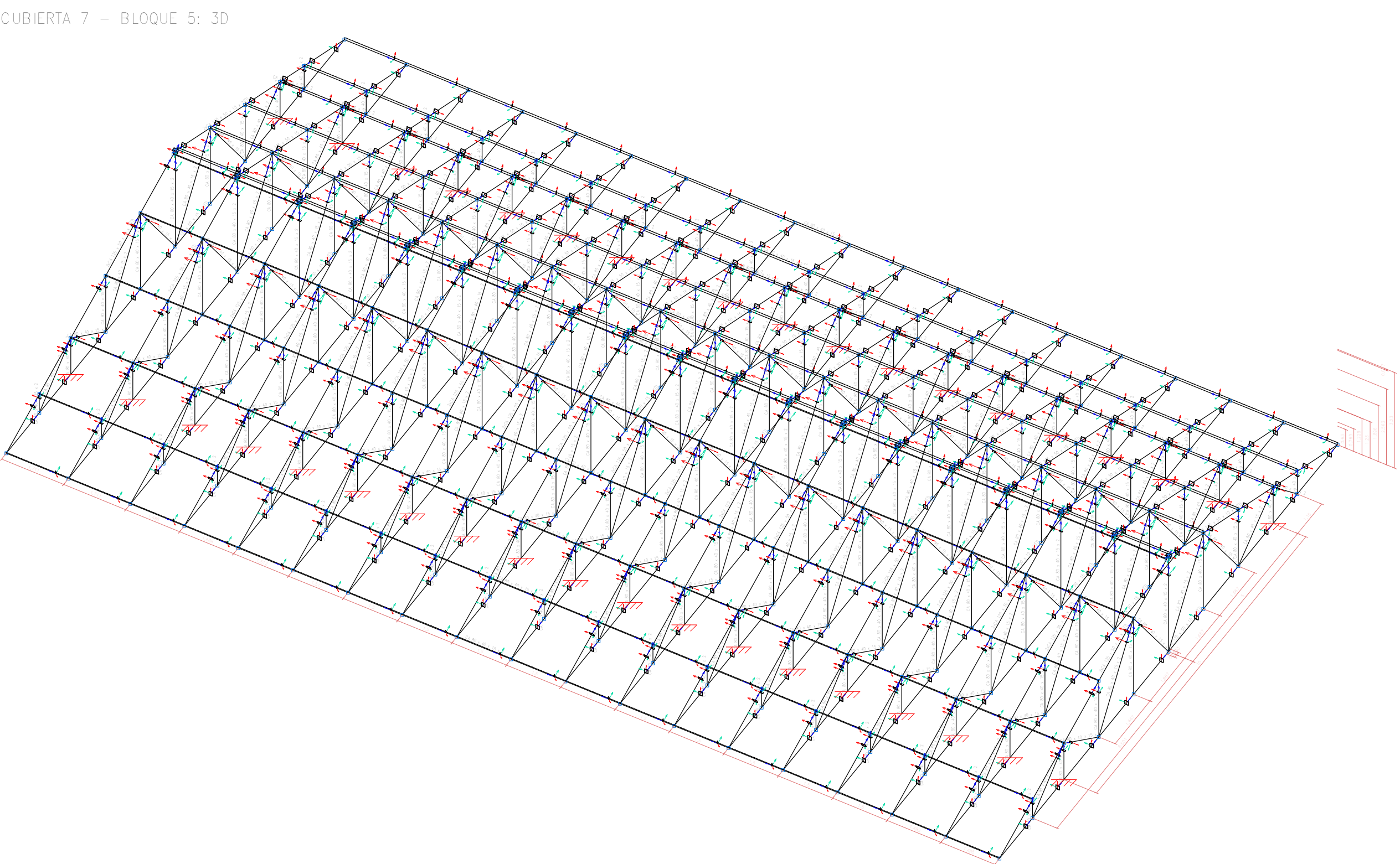
INTERNADO RURAL ENTRE RÍOS
CUBIERTA 5 – BLOQUE 2
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: A36
Escala: 1:100



INTERNADO RURAL ENTRE RÍOS
CUBIERTA 6 – BLOQUE 4
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: A36
Escala: 1:100



INTERNADO RURAL ENTRE RÍOS
CUBIERTA 7 – BLOQUE 5
Norma de acero conformado: AISI S100-2007 (LRFD)
Acero conformado: A36
Escala: 1:100



PLANO DE CUBIERTAS
ESC. 1:100

