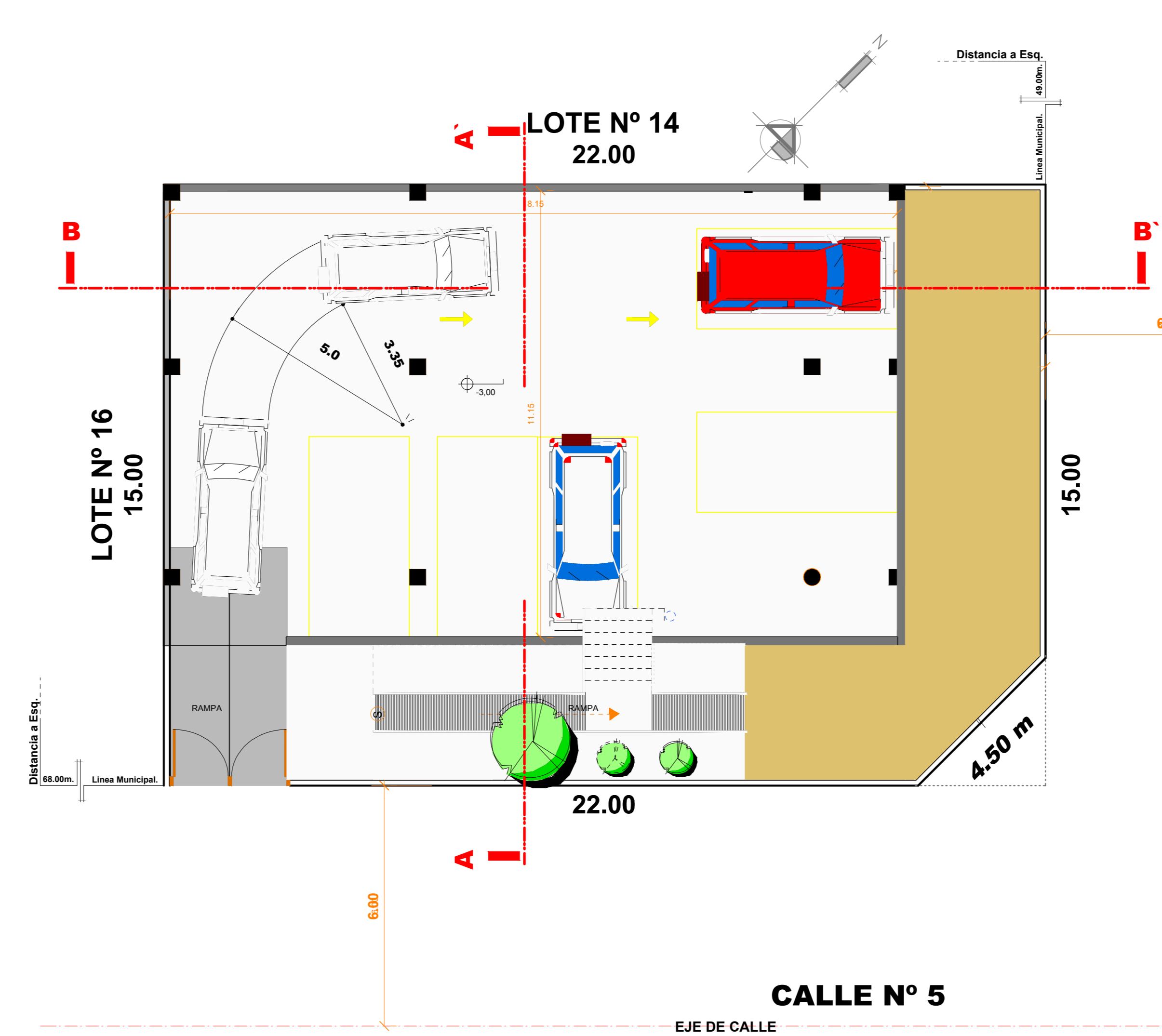


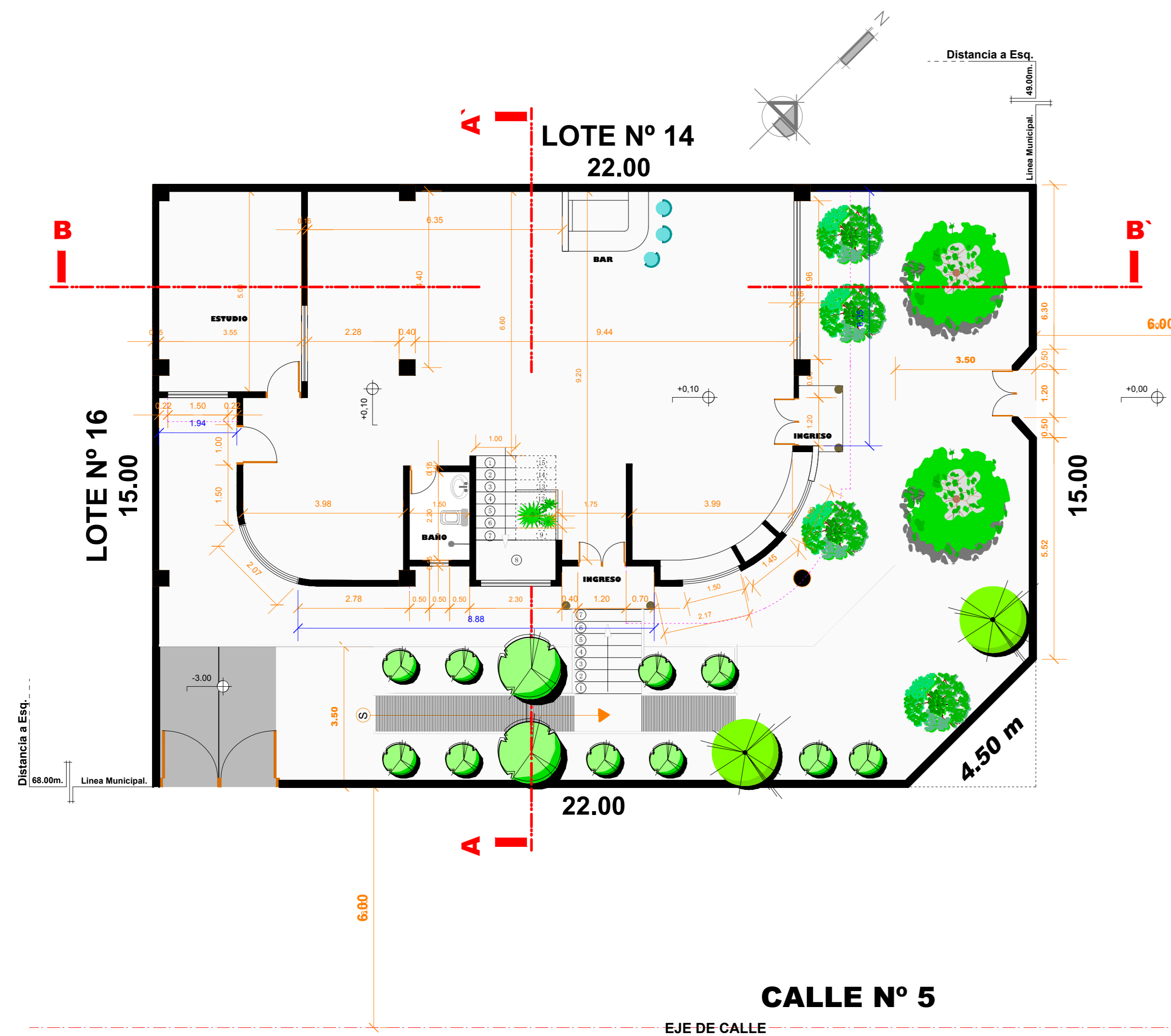
.....CIMENTOS.....
esc: 1:100



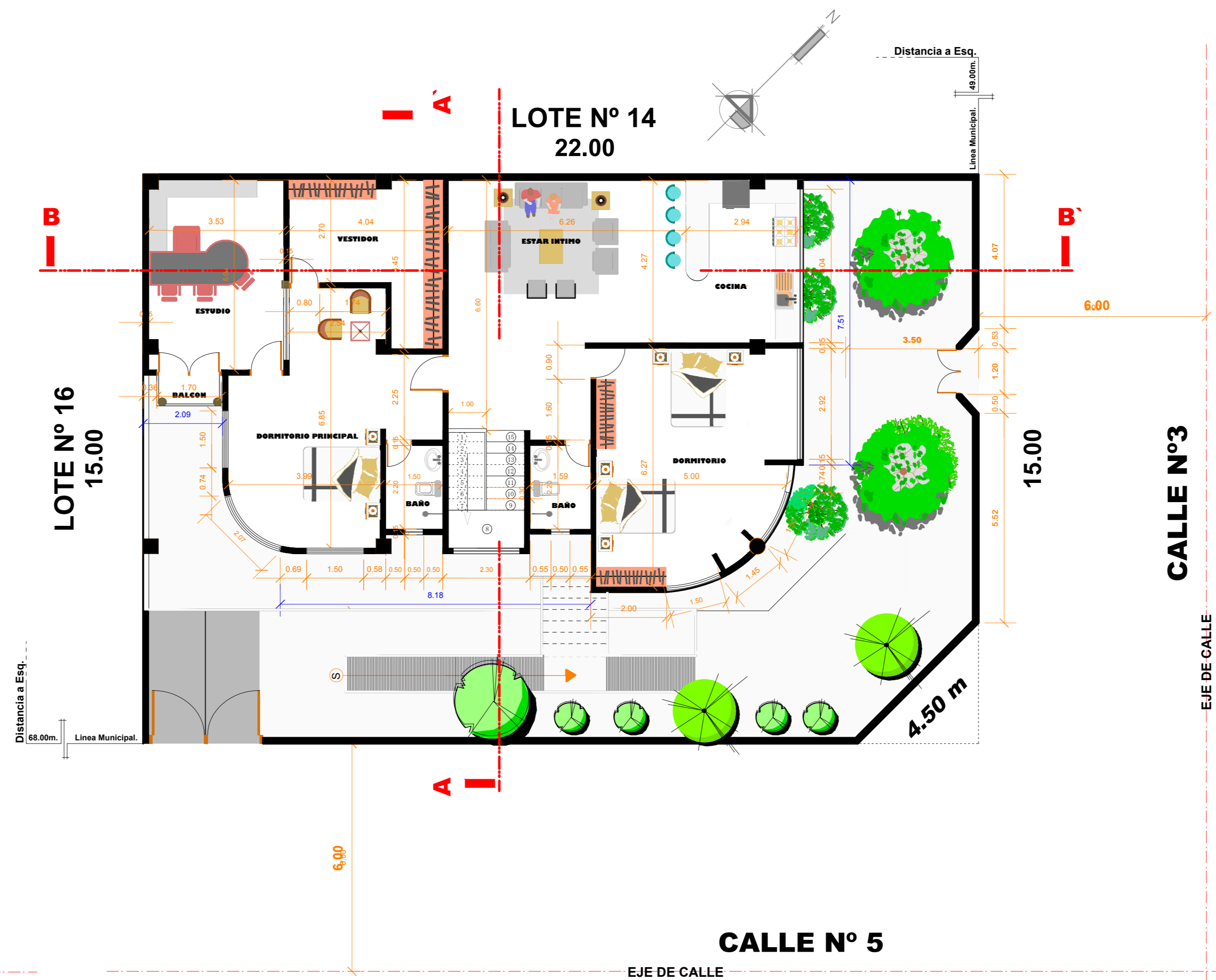
.....SUBSUELO.....
esc: 1:100



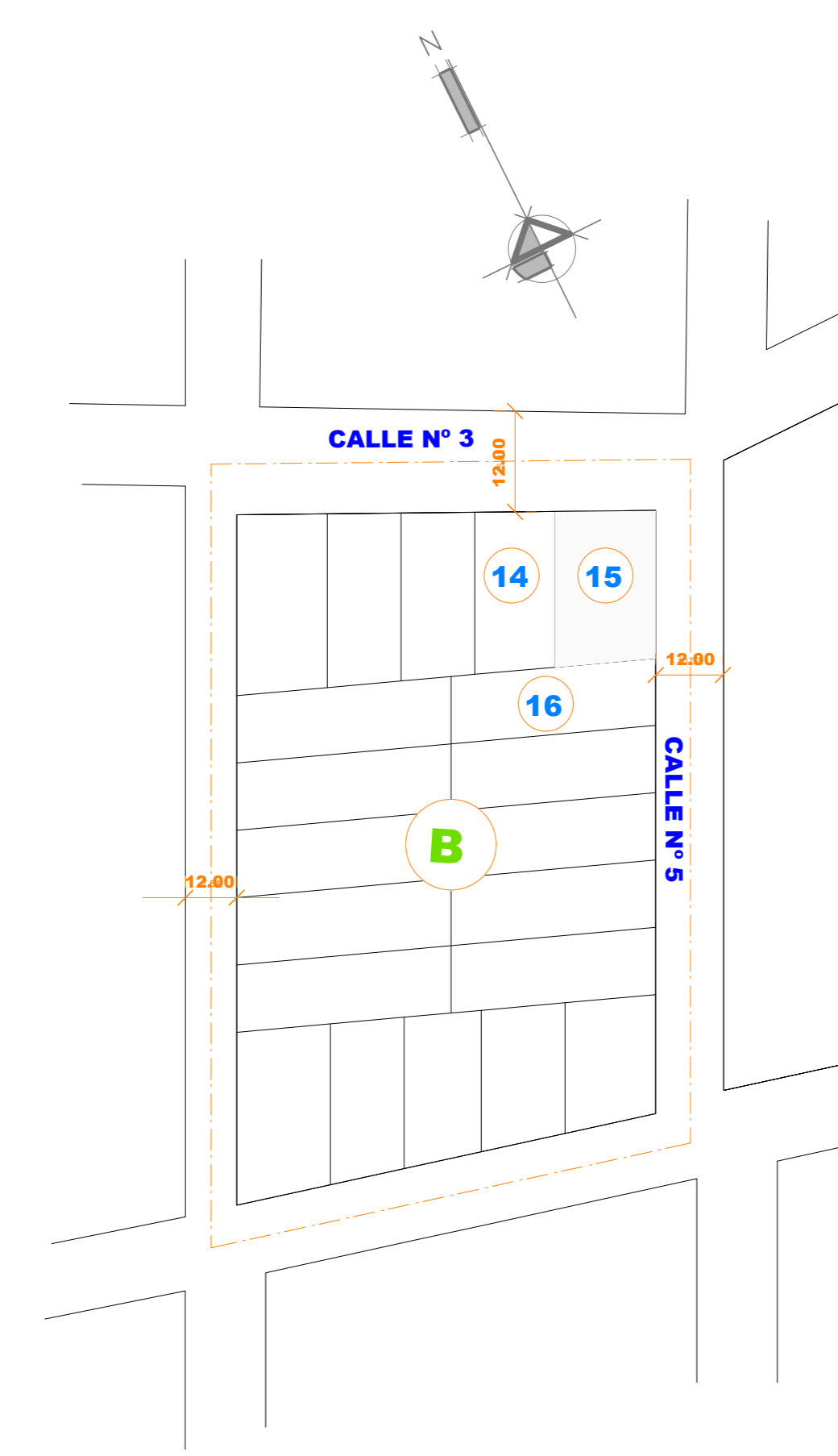
.....FACHADA FRONTAL.....
esc: 1:100



.....PLANTA BAJA.....
esc: 1:100



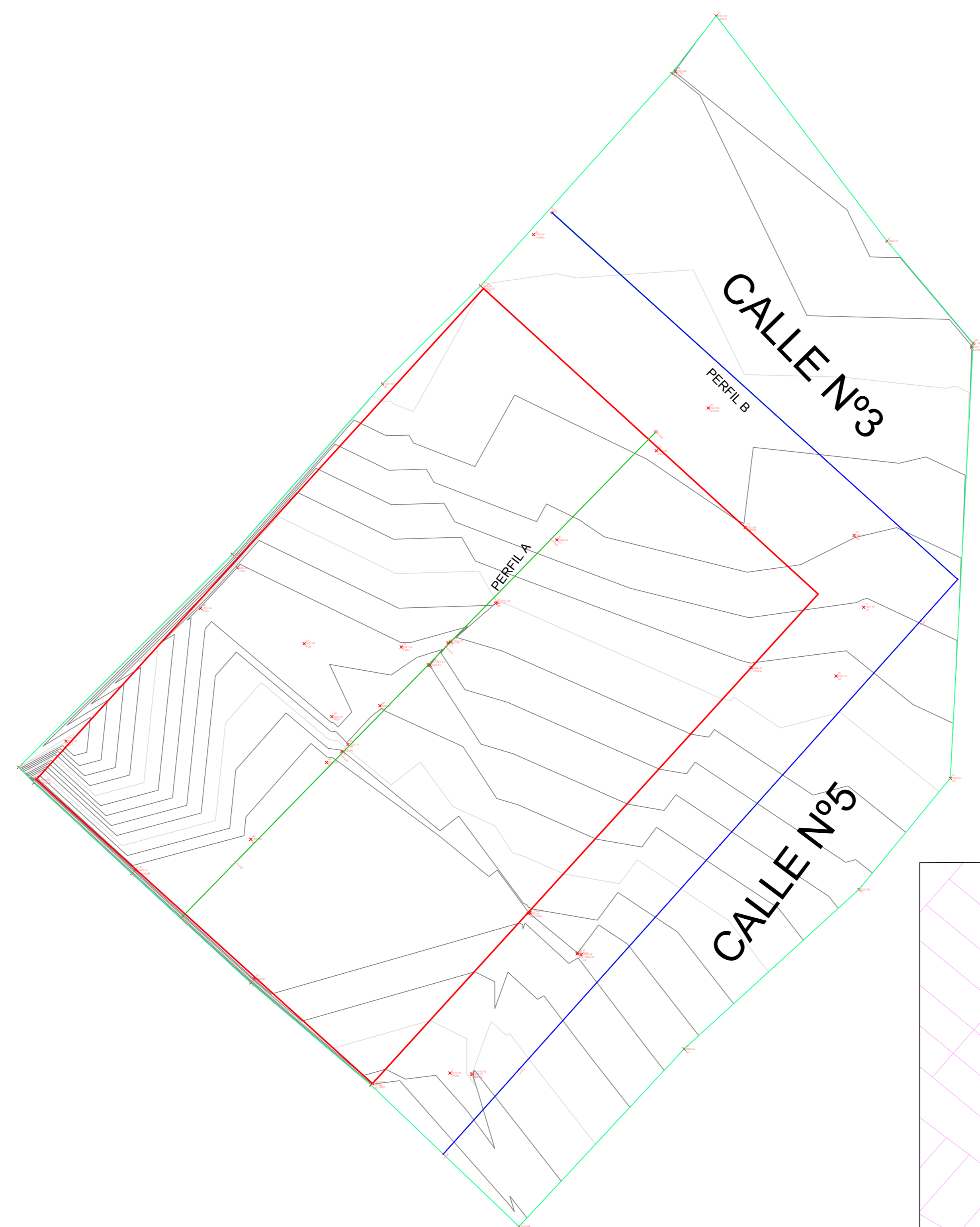
..... PLANTA TIPO 1ER Y 2DO PISO
esc: 1:100



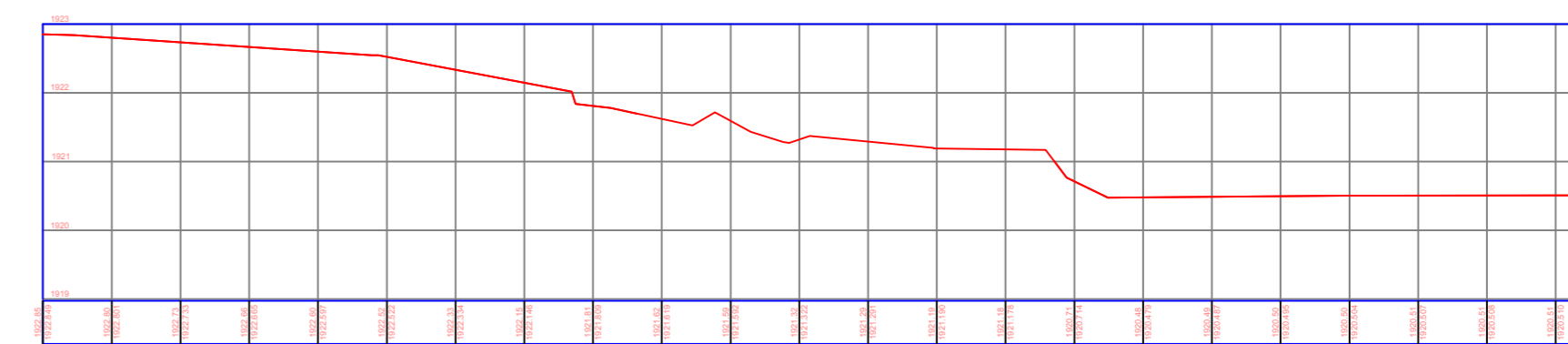
..... PLANO DE UBICACION DEL
LOTE EN EL MANZANO
esc: 1:1000

CARACTER :		PLANO DE CONSTRUCCION	
PROPIETARIO :		GUADALUPE AGUIRRE BALDIVIEZO de GUTIERREZ	
NOTAS MARGINALES:			
SUPERFICIE :		TOTAL M2	
SUPERFICIE DE LOTE		330.00m ²	LÁMINA: UNICA
SUP. CONT. SUBTERRANEO	212.75 m ²		
SUP. CONT. PLANTA BAJA	136.93 m ²		
SUP. CONT. PLANTA TIPO (1º Piso)	165.12 m ²		
SUP. CONT. PLANTA TIPO (2º Piso)	165.12 m ²		
SUP. CONT. 3ER PISO	124.20 m ²		
TOTAL SUP. CONSTRUIDA		804.12 m ²	
EJECUTO :		UBICACIÓN:	
APROBACION D.G.O.T :			
SELLO:		REGISTRO:	
		CODIGO CATASTRAL: 16-87-5-0-0-0	
		FECHA: TJA. MAYO.2021	
		ESCALA: INDICADA	
		ZONA: BARRANCAS	

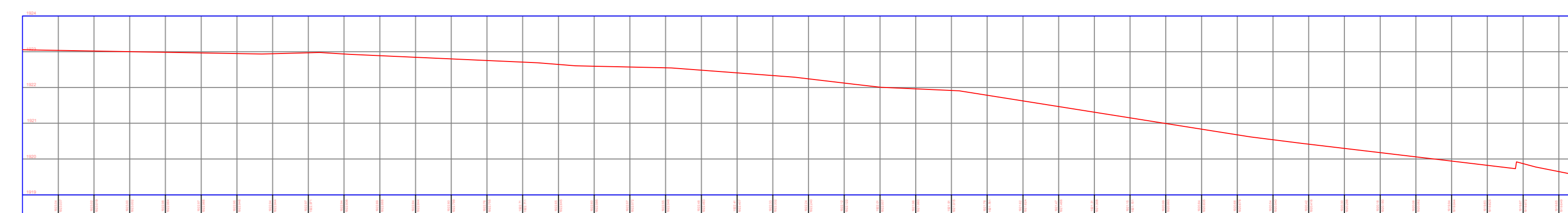
PLANO TOPOGRÁFICO



PERFIL A



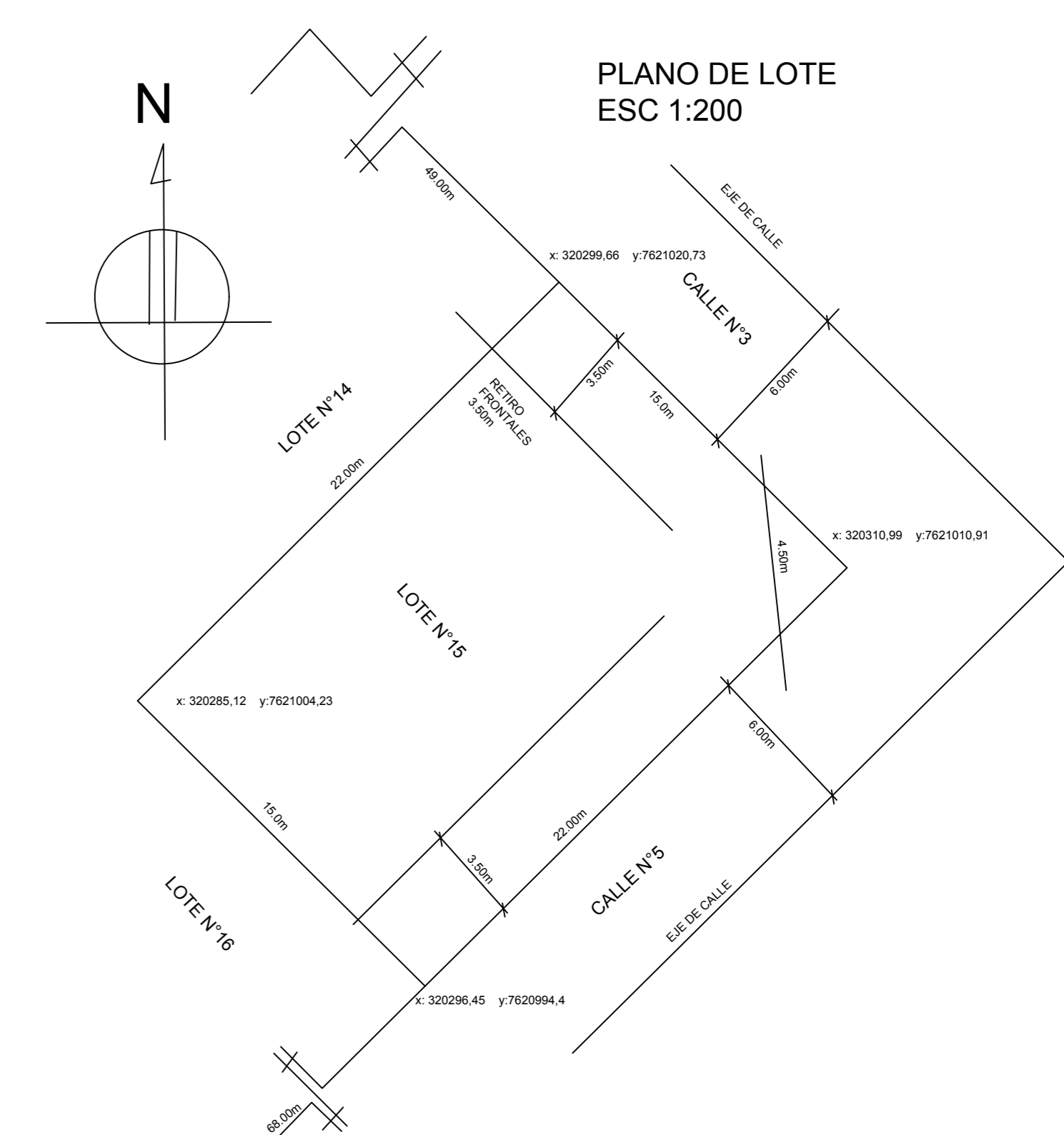
PERFIL B



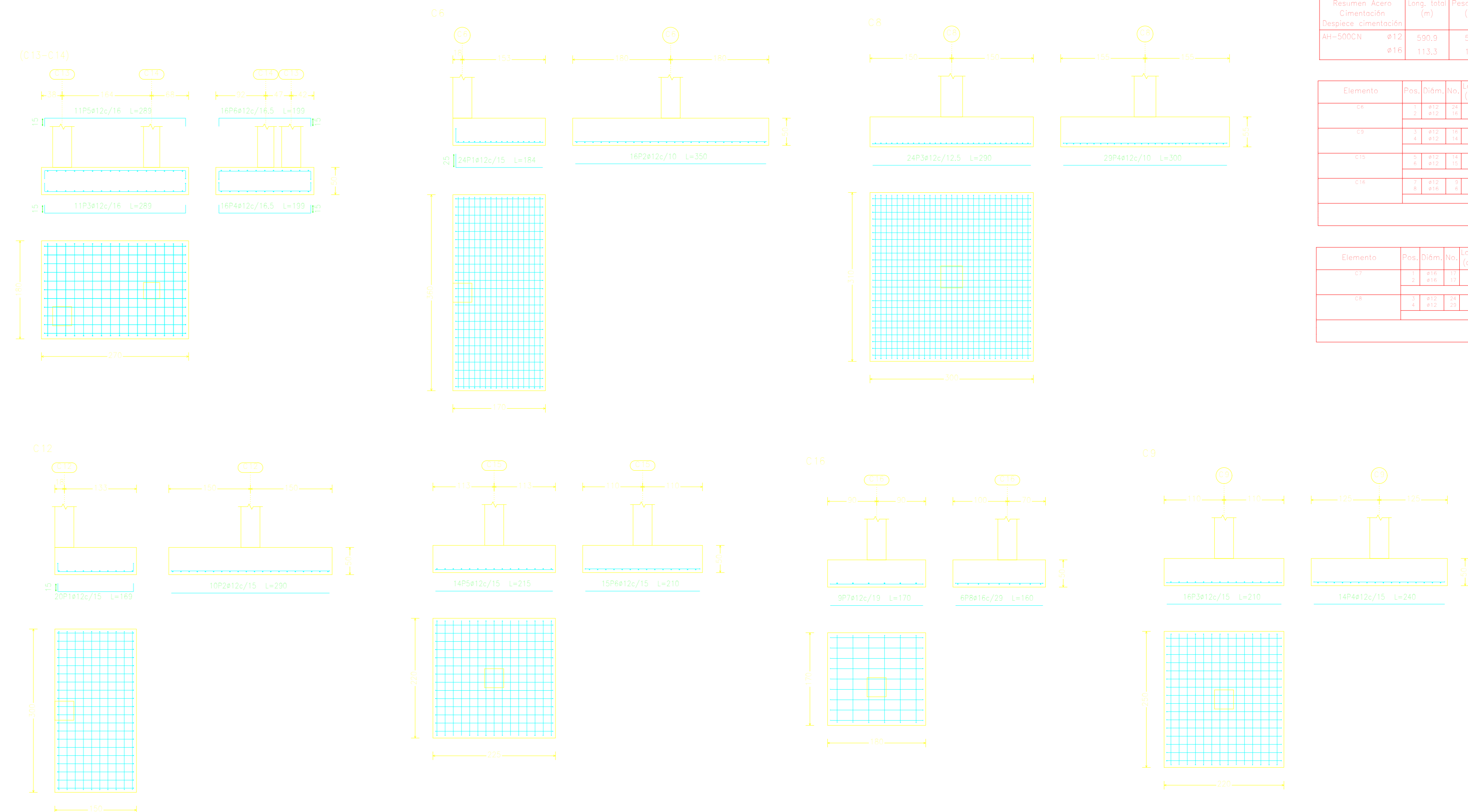
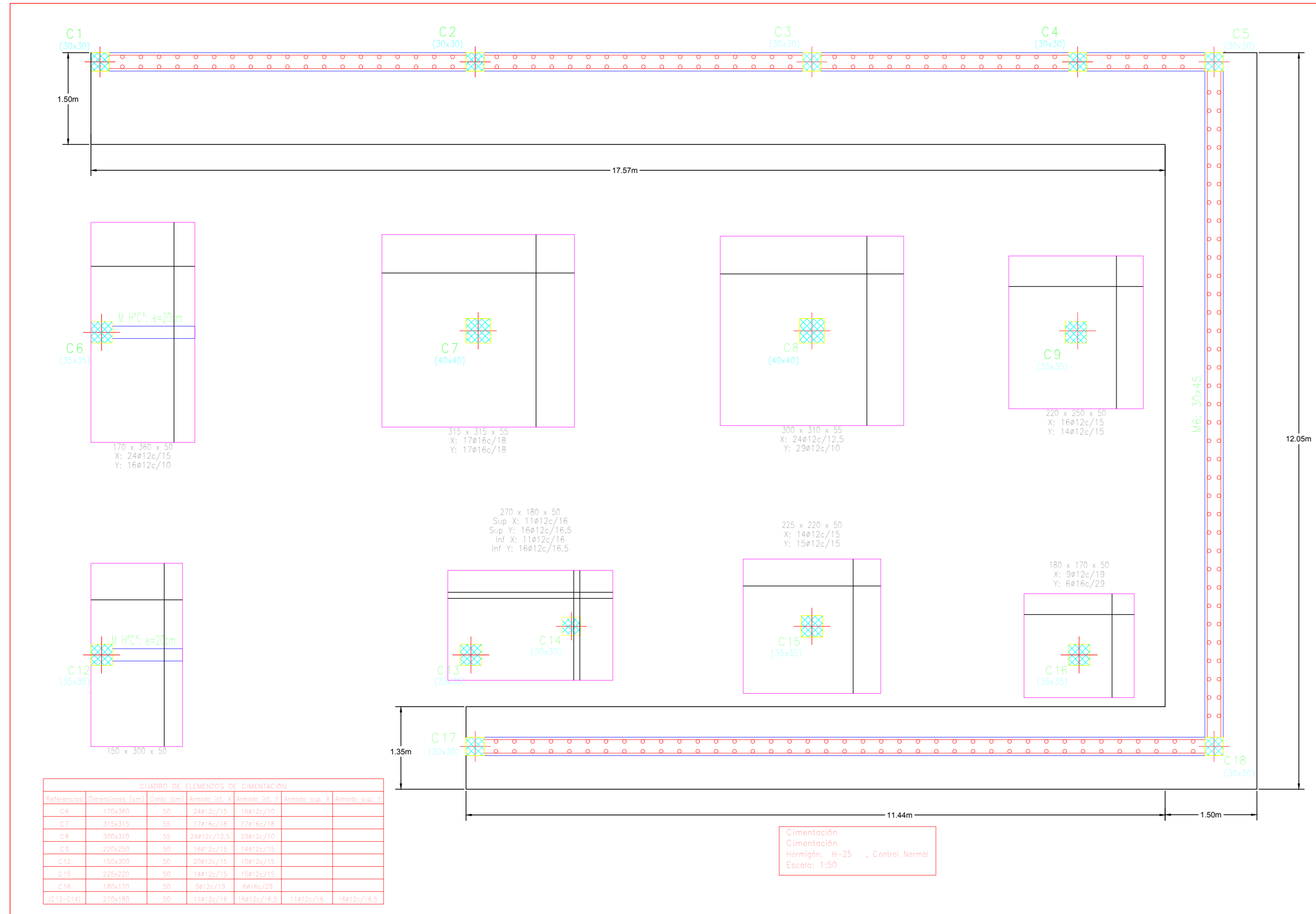
UBICACIÓN EN EL MANZANO
ESC 1:1000



PLANO DE LOTE
ESC 1:200



PLANO DE ZAPATAS

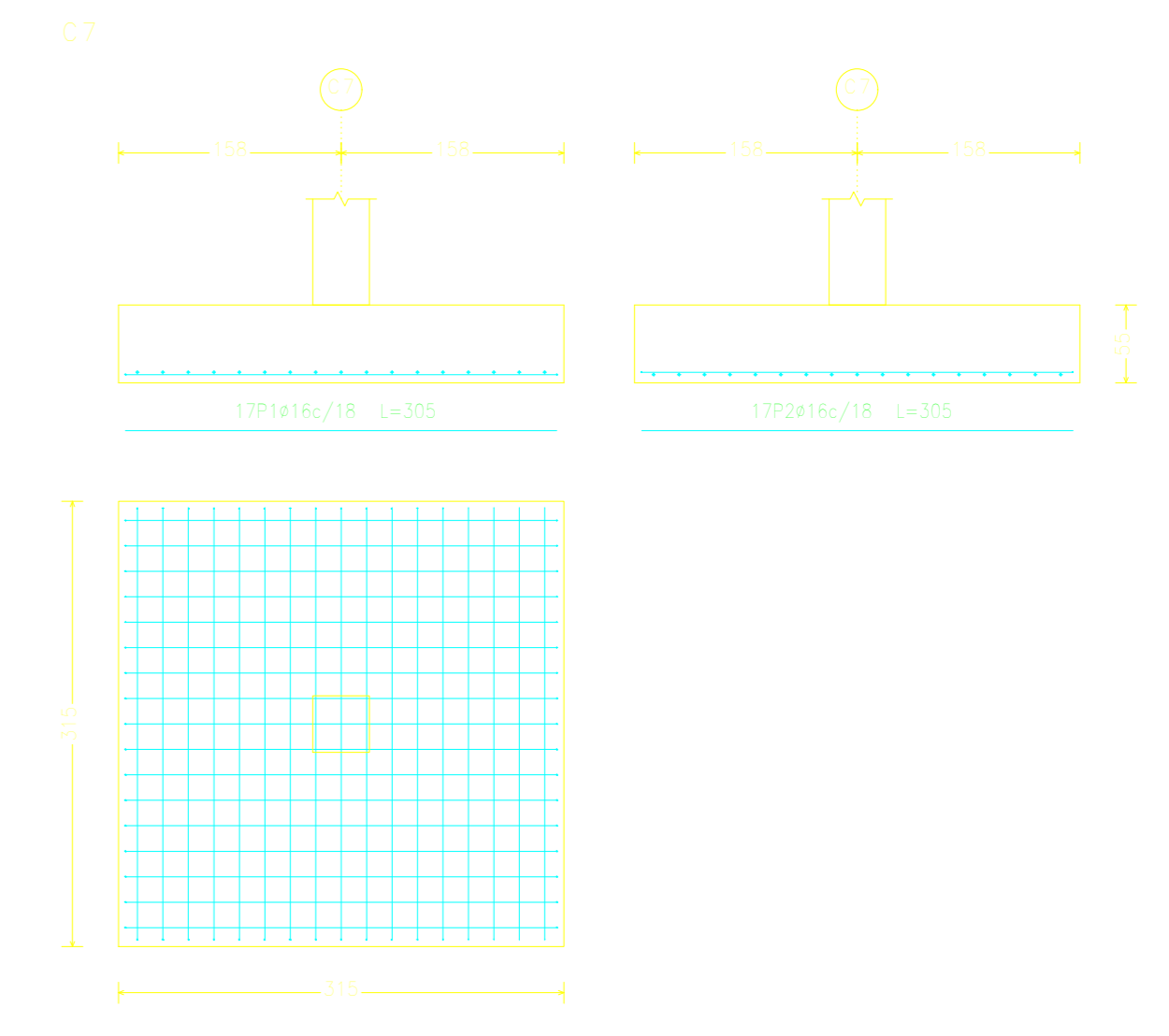
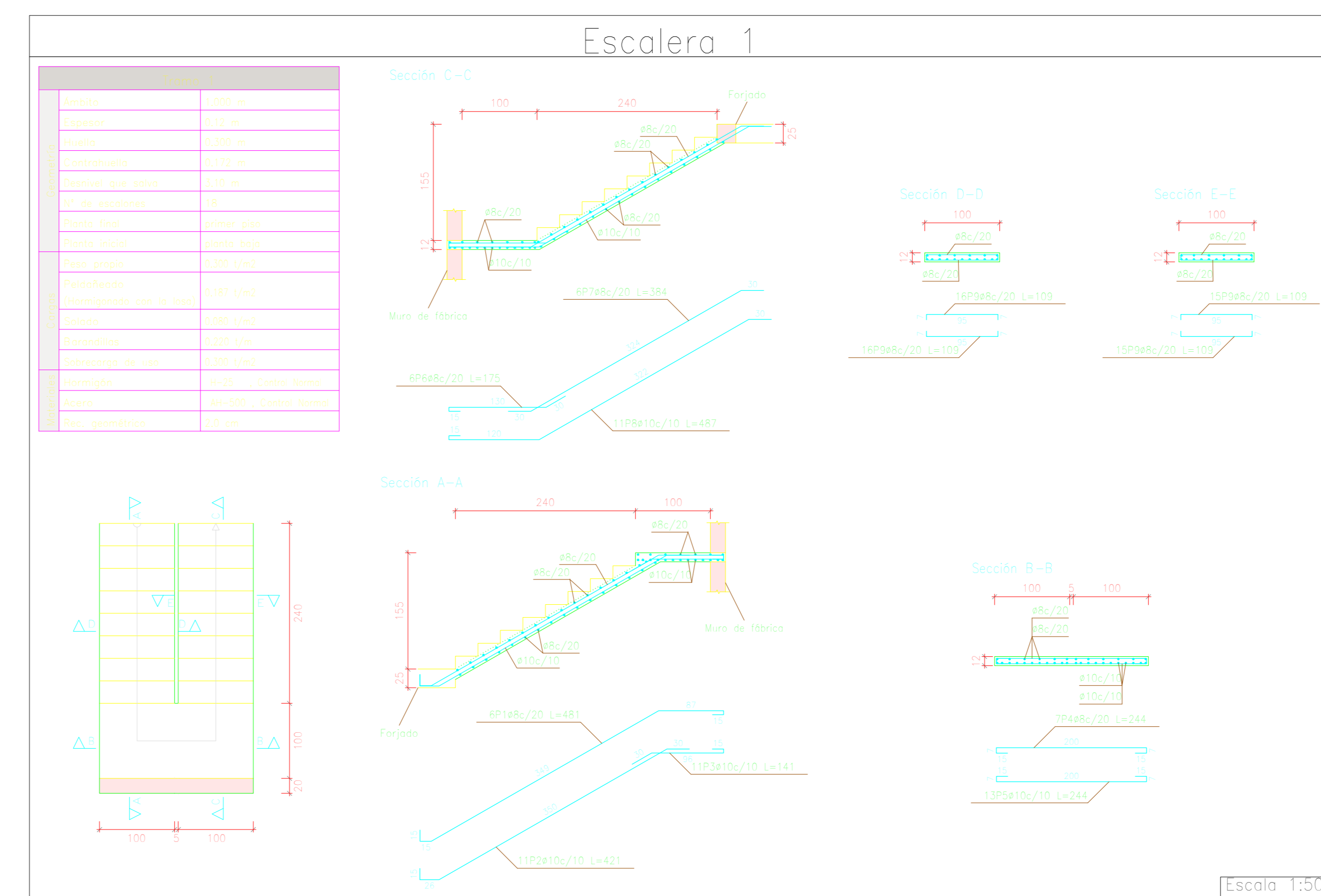
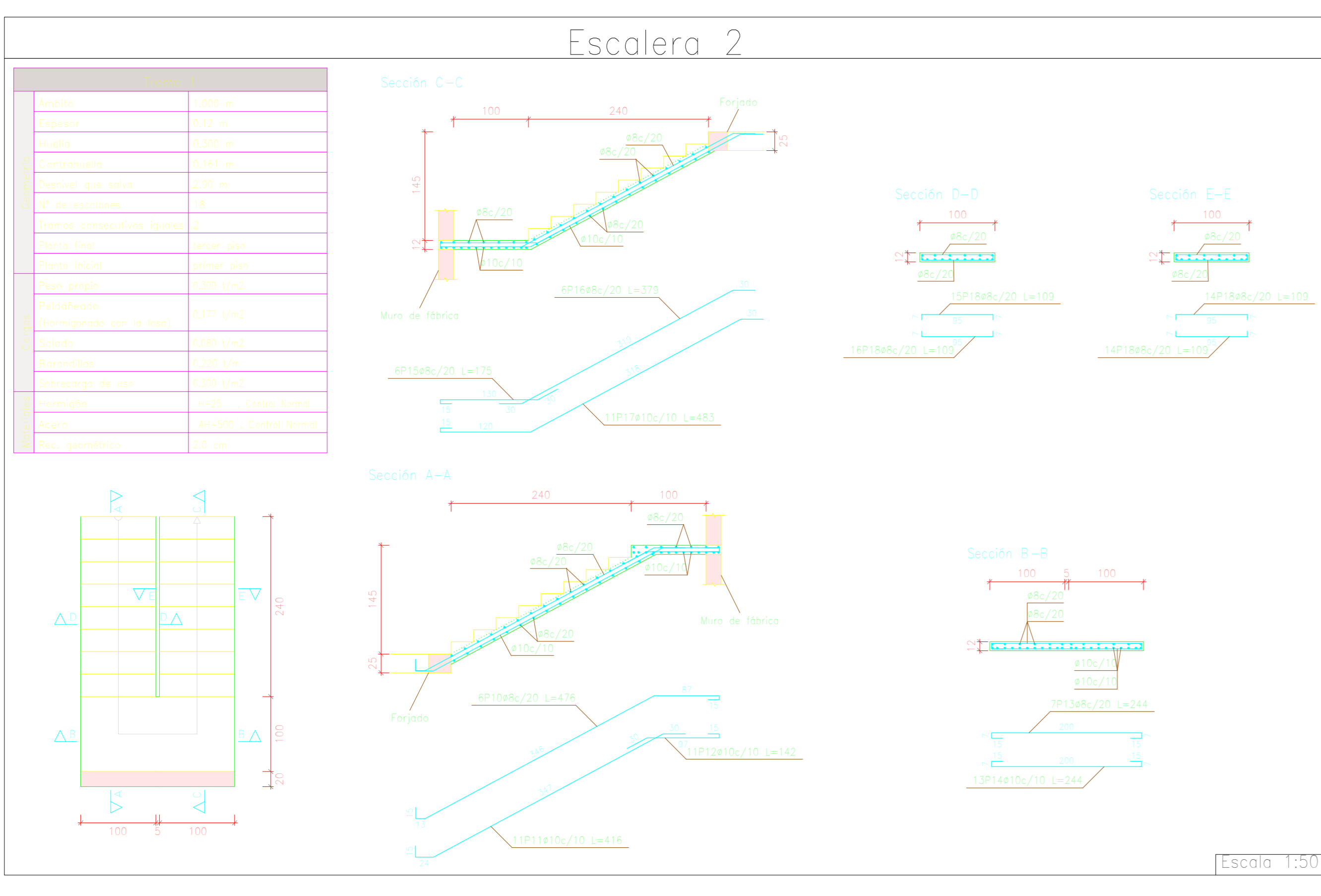


Elemento	Pos.	Dib.	Vol.	Long. (cm)	Peso (kg)	Vol. (m³)	Peso (kg)
Zapatas	1	1	1	1000	100	1.0	100
	2	1	1	1000	100	1.0	100
	3	1	1	1000	100	1.0	100
	4	1	1	1000	100	1.0	100

Resumen Acero Cimentación	Long. total (m)	Peso (kg)
Ac-500C-1	112.5	591.5
#16	113.3	197.774

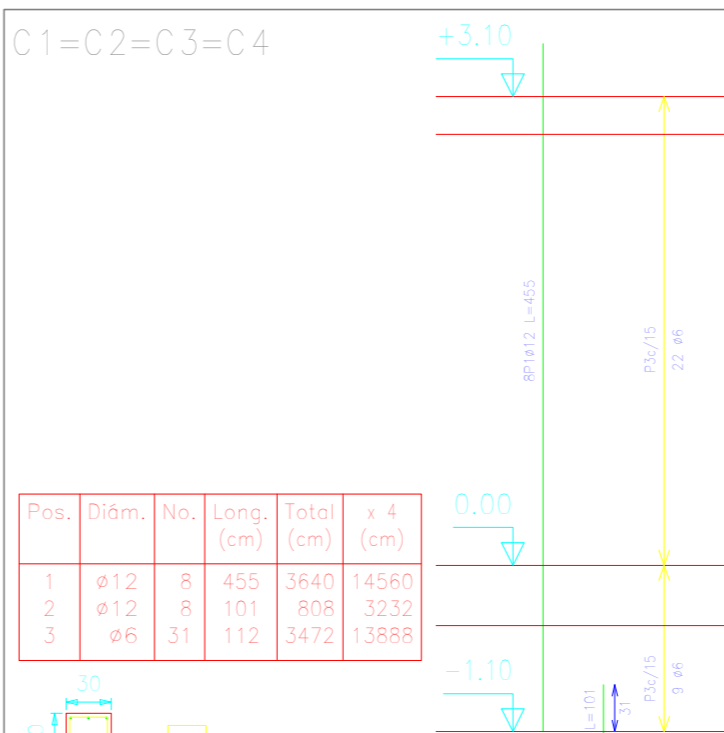
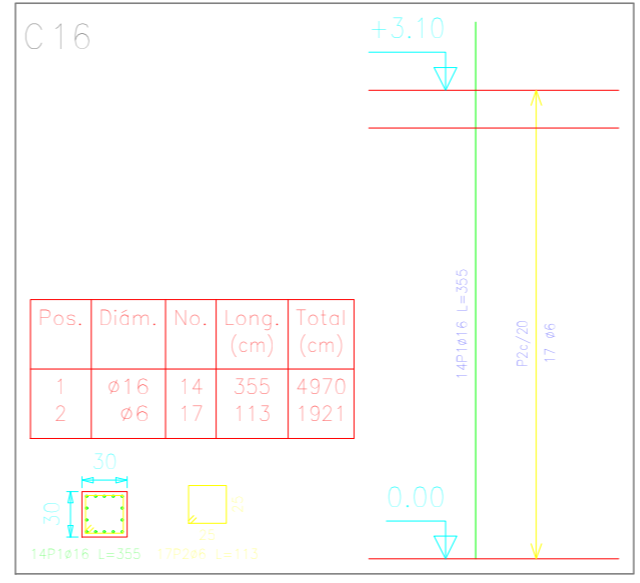
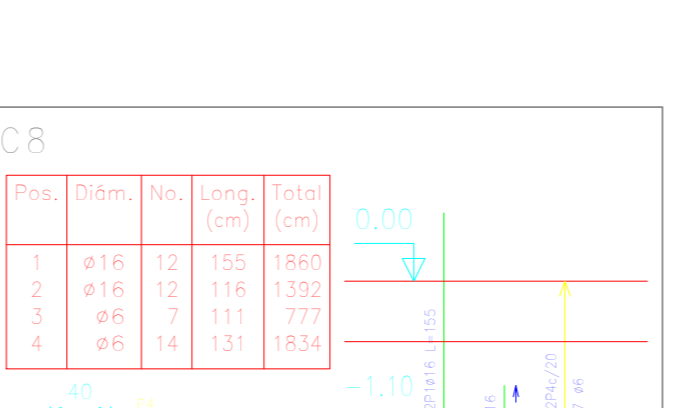
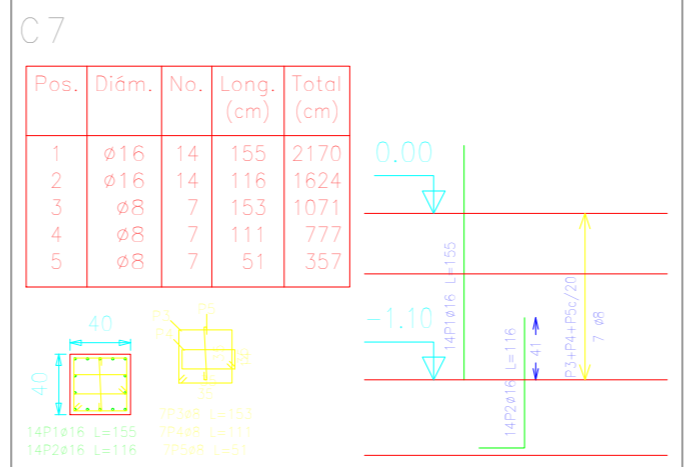
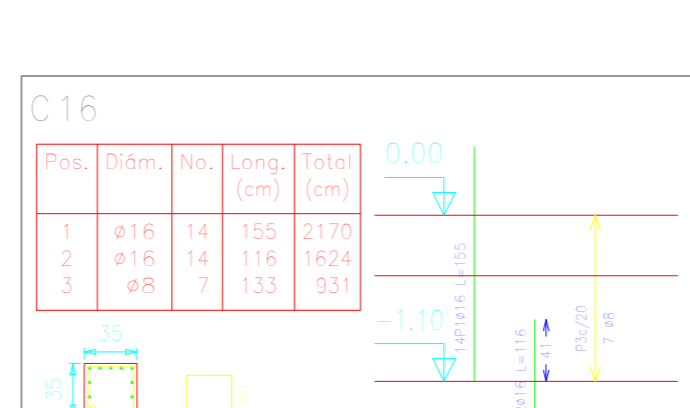
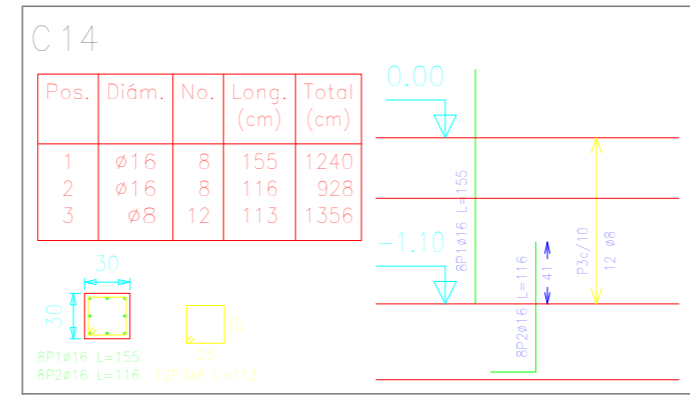
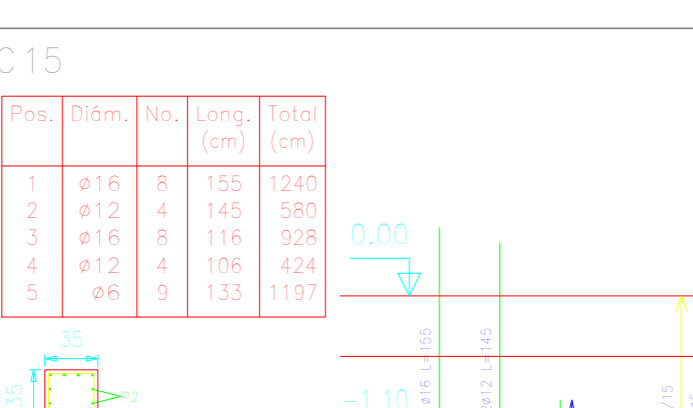
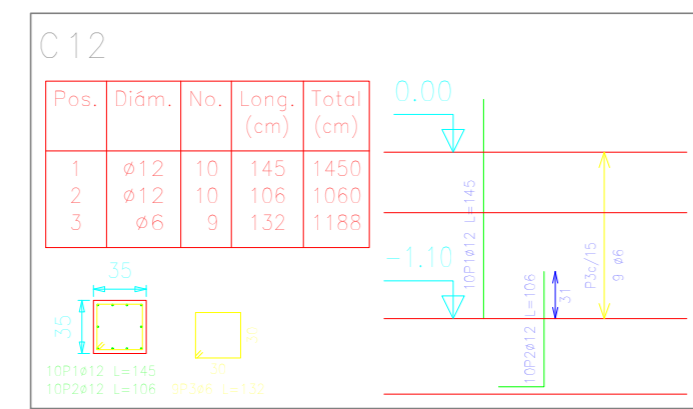
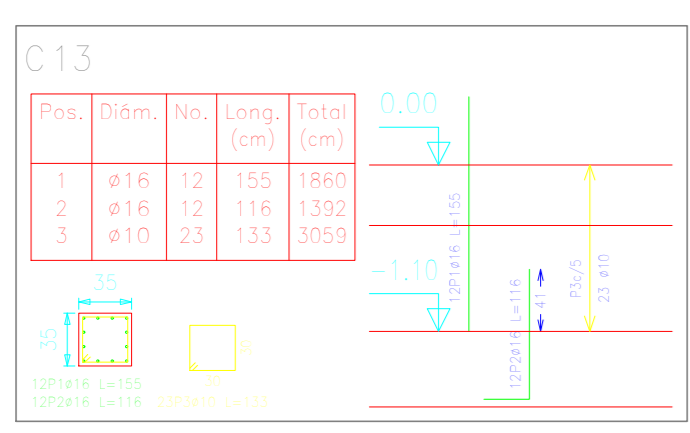
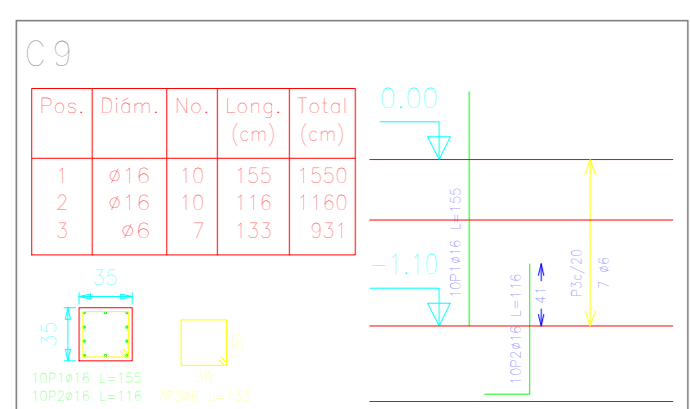
Elemento	Pos.	Dib.	Vol.	Long. (cm)	Peso (kg)	Vol. (m³)	Peso (kg)
Zapatas	1	1	1	1000	100	1.0	100
	2	1	1	1000	100	1.0	100
	3	1	1	1000	100	1.0	100
	4	1	1	1000	100	1.0	100

Elemento	Pos.	Dib.	Vol.	Long. (cm)	Peso (kg)	Vol. (m³)	Peso (kg)
Zapatas	1	1	1	1000	100	1.0	100
	2	1	1	1000	100	1.0	100
	3	1	1	1000	100	1.0	100
	4	1	1	1000	100	1.0	100

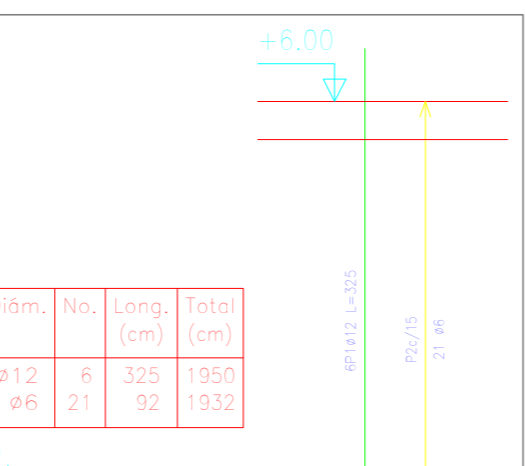
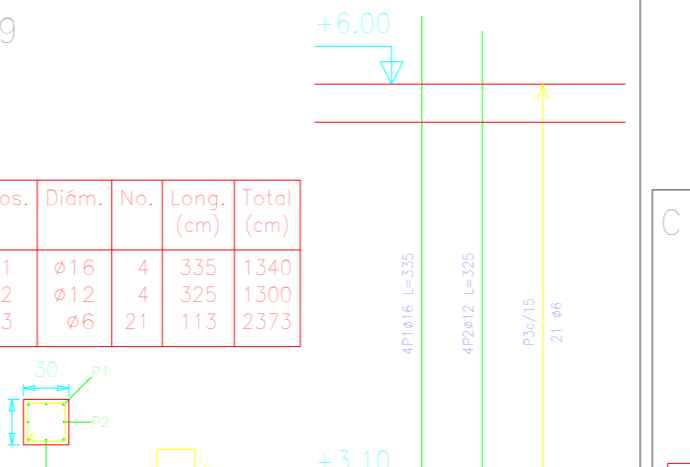
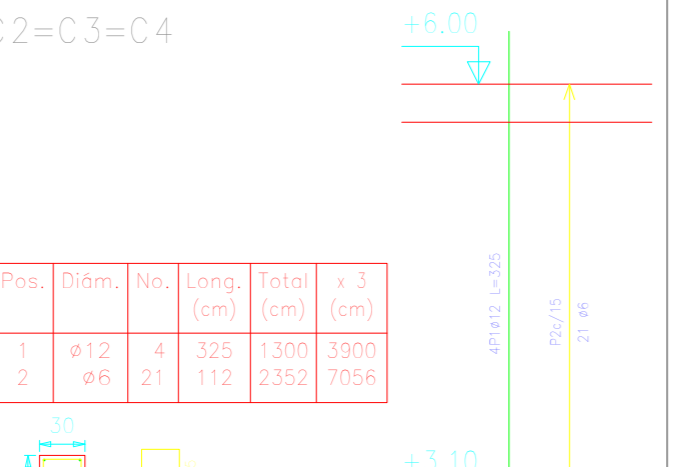
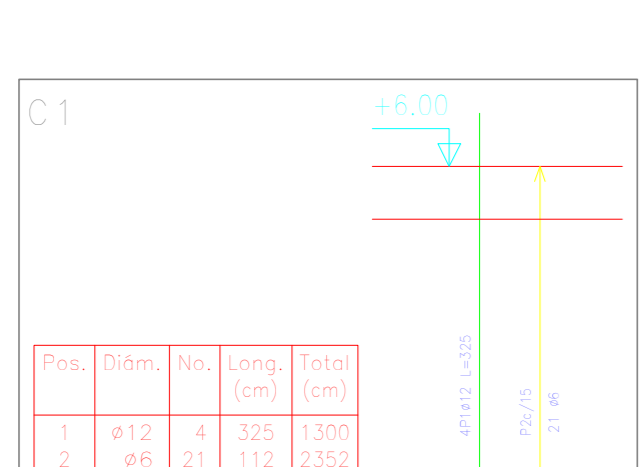
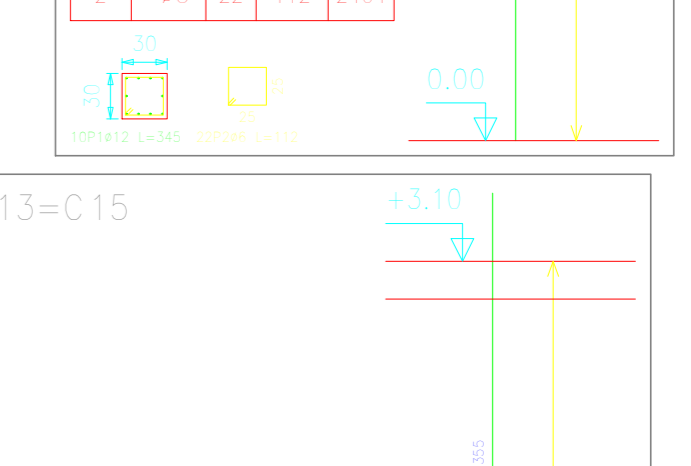
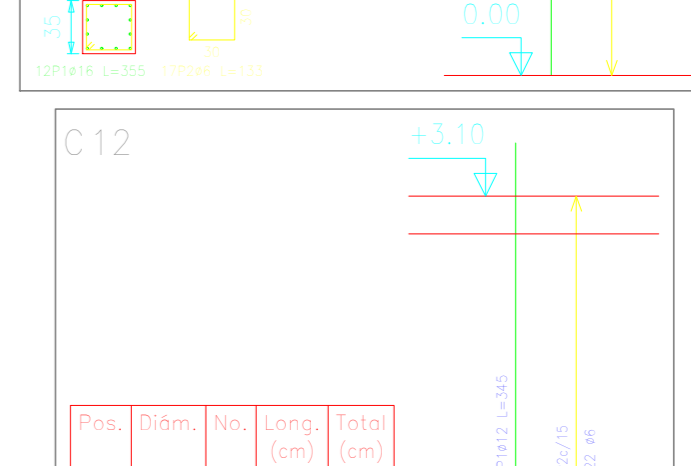
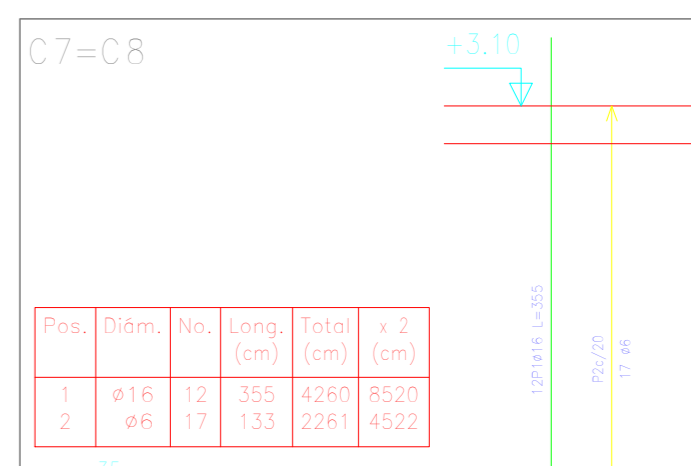
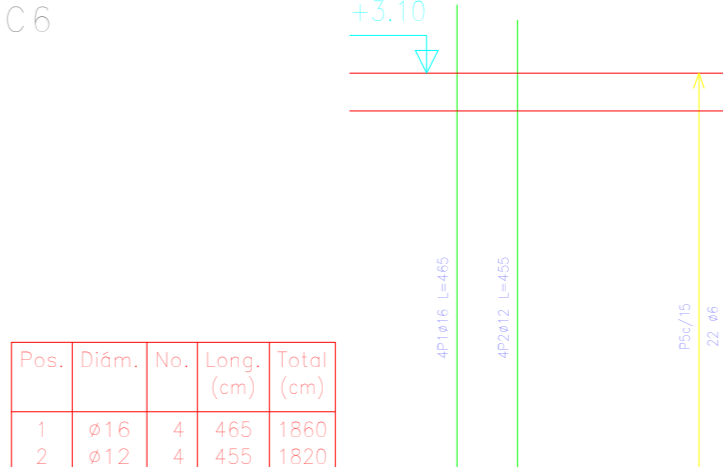


Elemento	Pos.	Dib.	Vol.	Long. (cm)	Peso (kg)	Vol. (m³)	Peso (kg)
Zapatas	1	1	1	1000	100	1.0	100
	2	1	1	1000	100	1.0	100
	3	1	1	1000	100	1.0	100
	4	1	1	1000	100	1.0	100

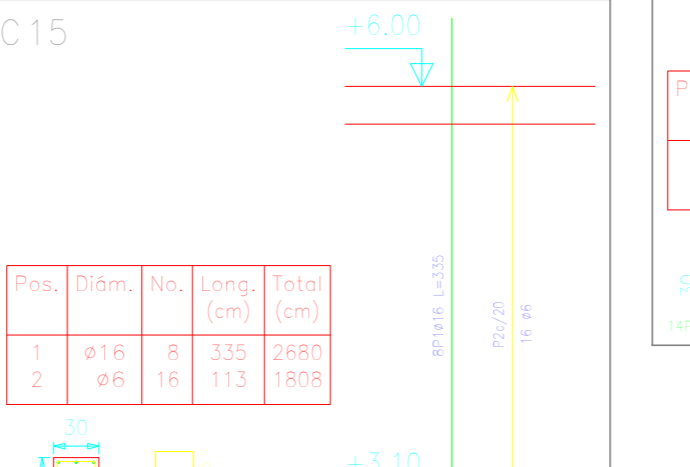
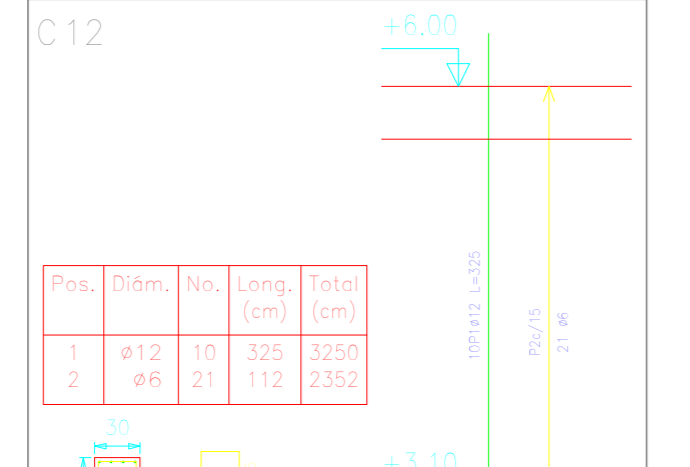
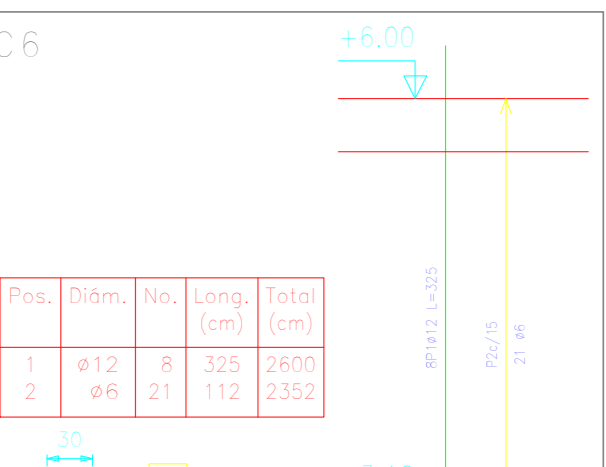
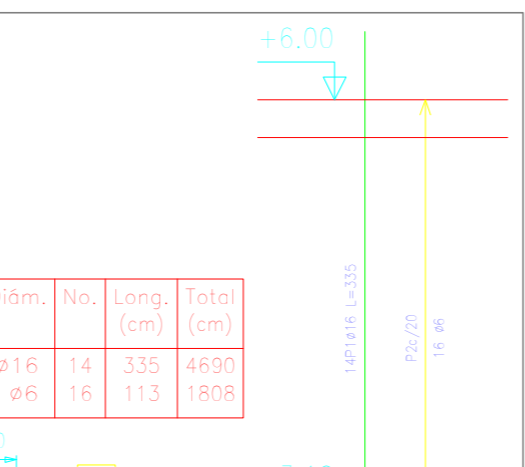
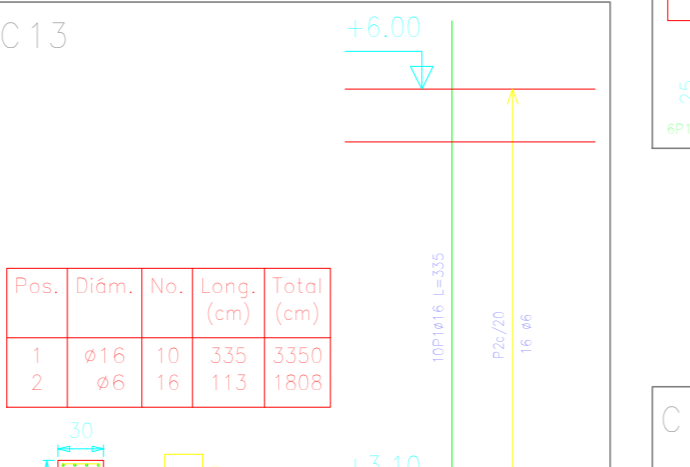
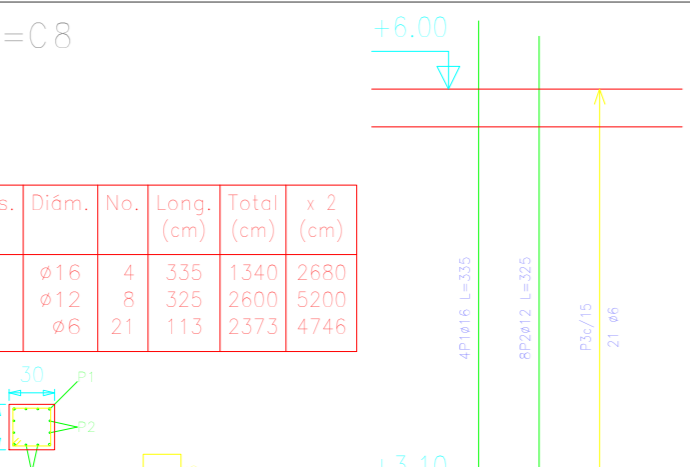
Resumen Acero subterráneo Planteo			
Ar=500N	Ø	Long. total (m)	Peso+10% (kg)
Ø8		59,3	14
Ø10		30,8	21
Ø12		35,1	34
Ø16		211,4	387
Total			



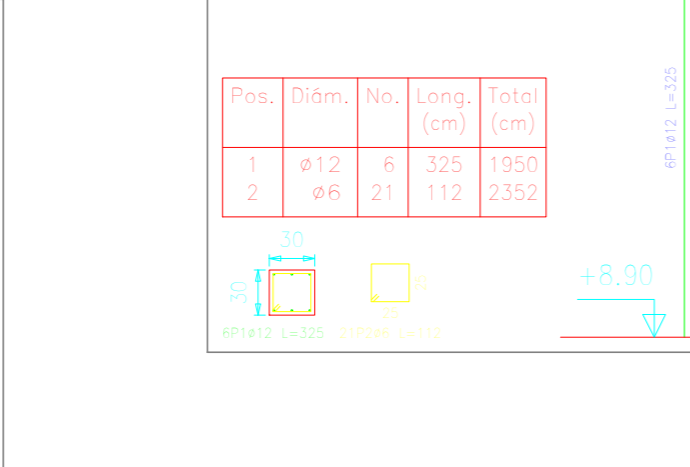
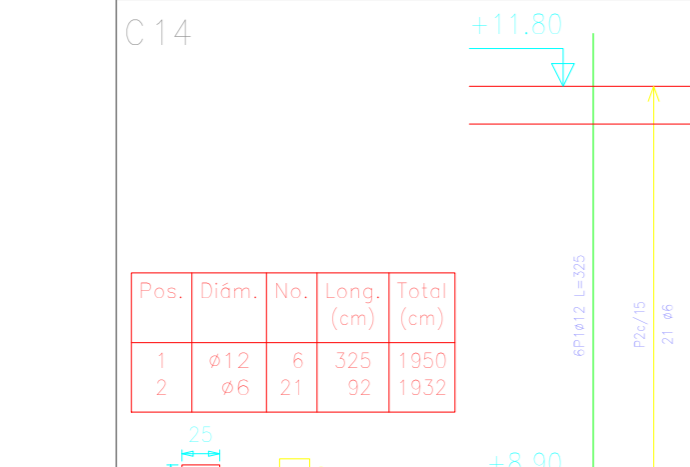
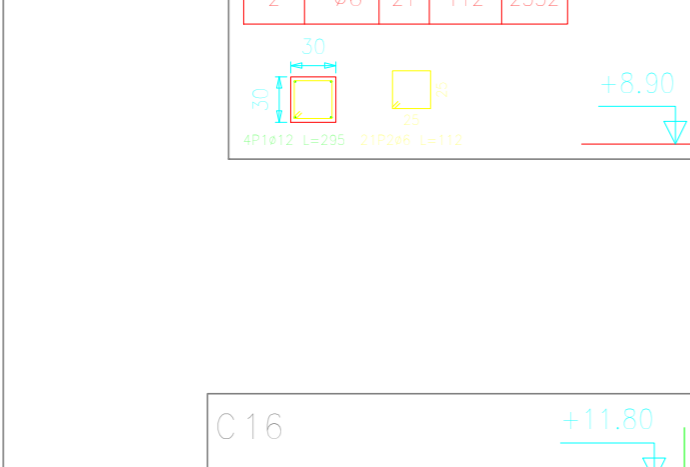
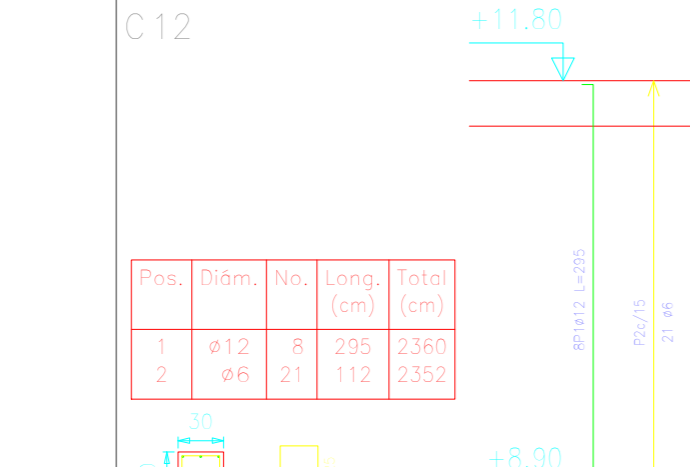
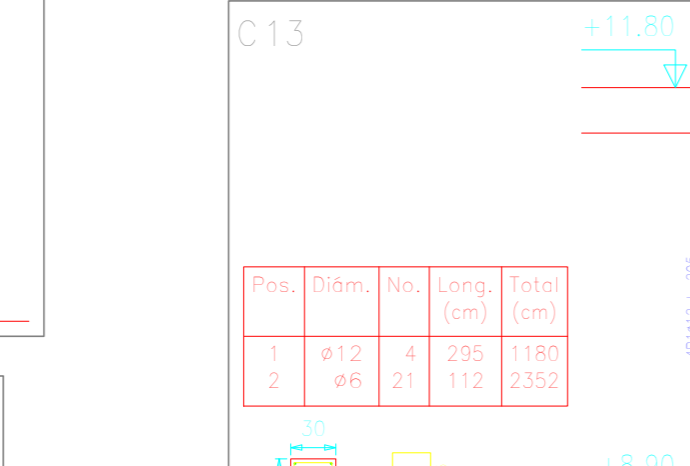
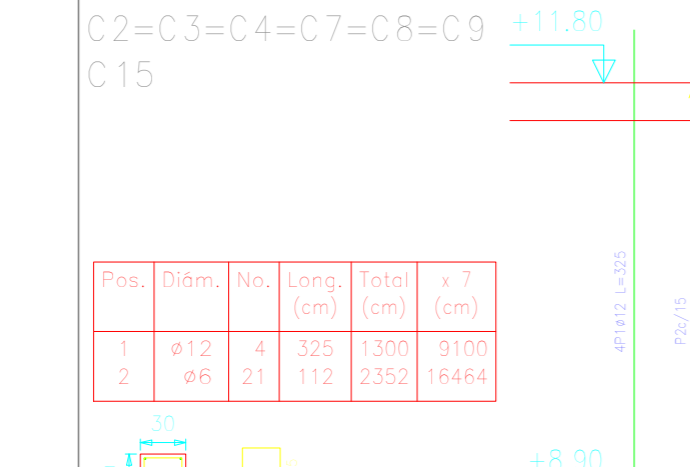
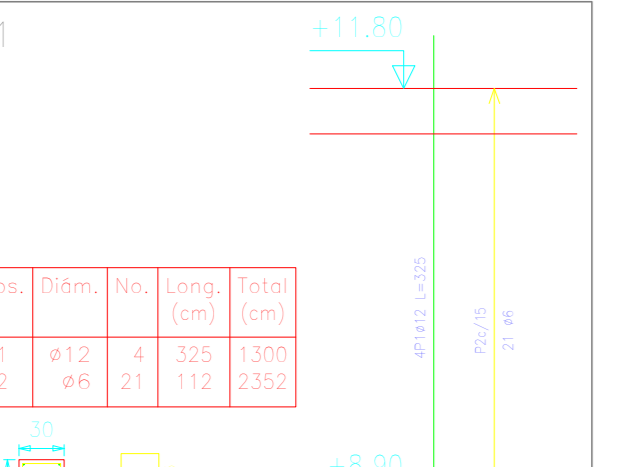
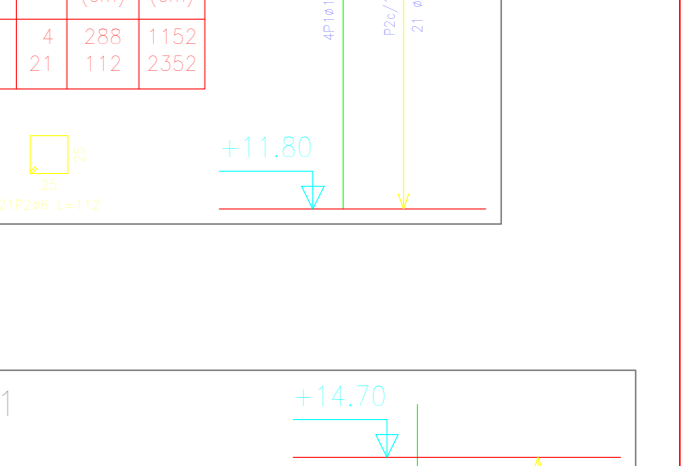
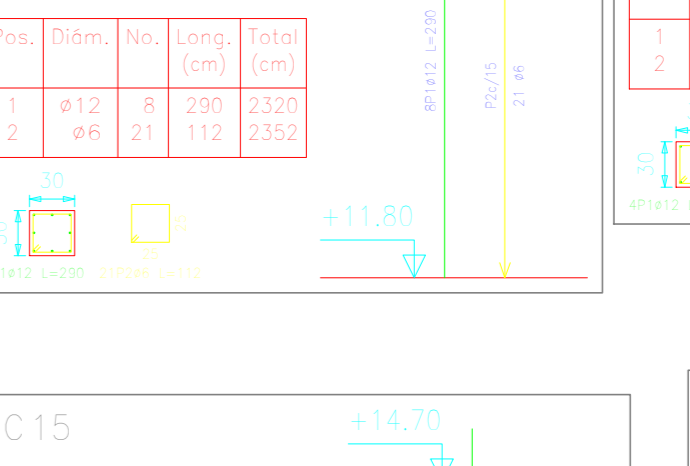
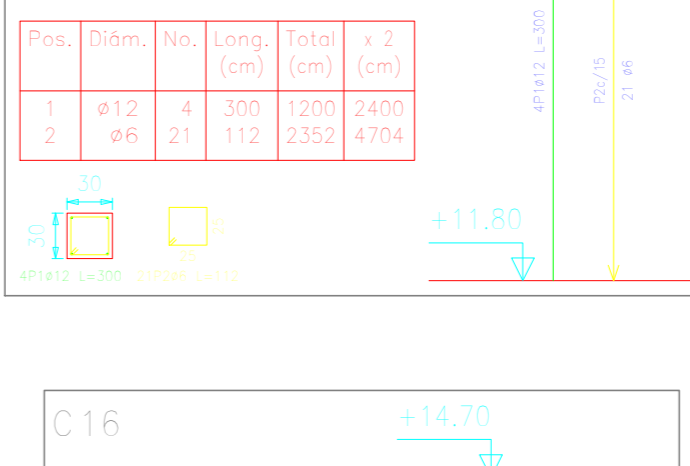
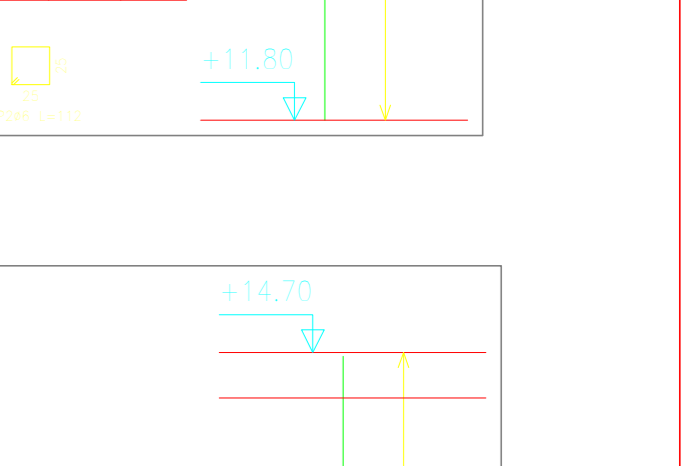
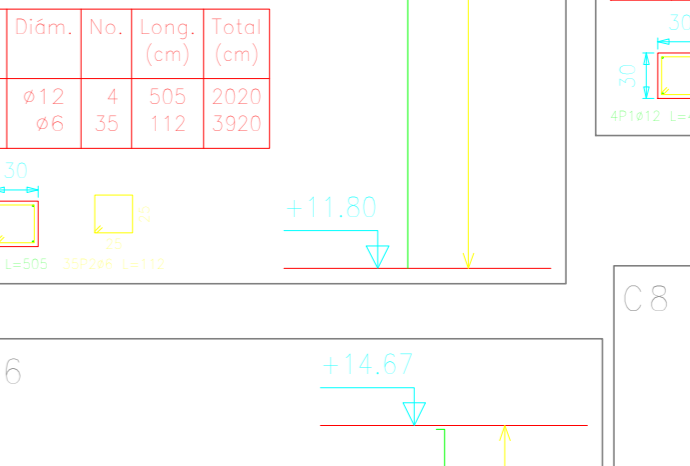
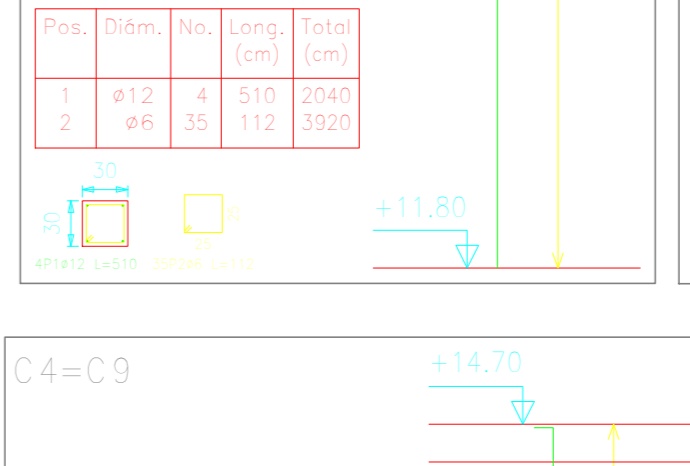
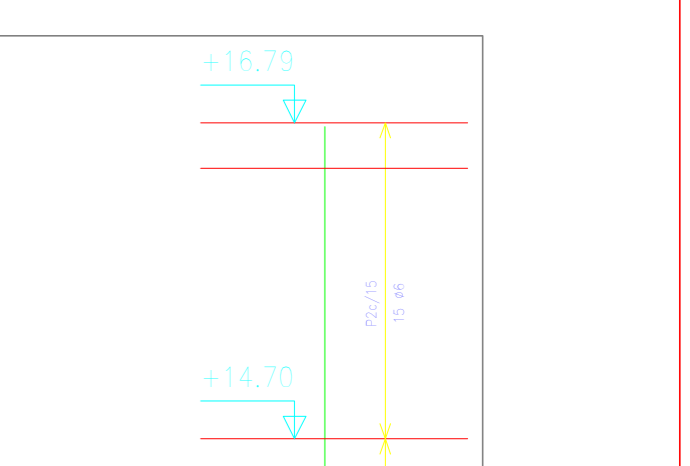
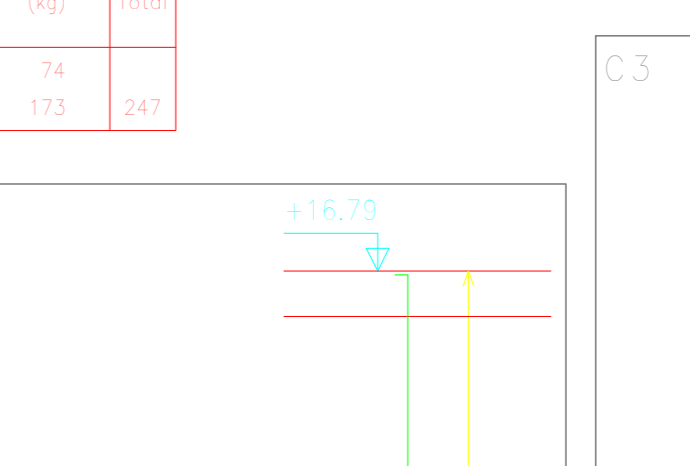
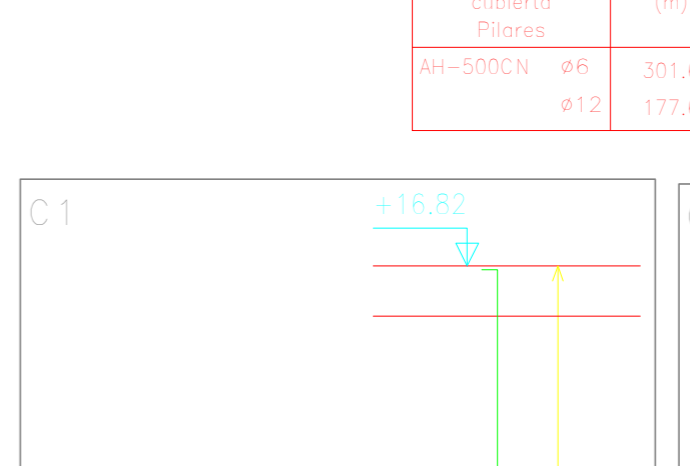
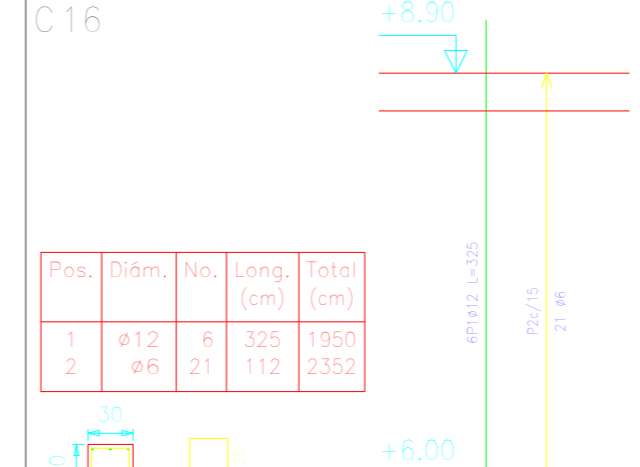
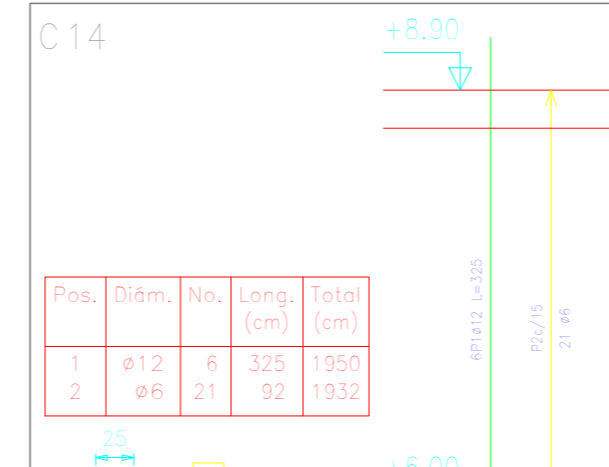
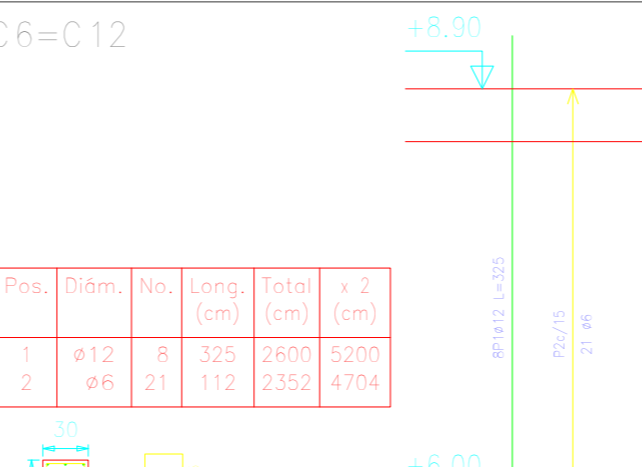
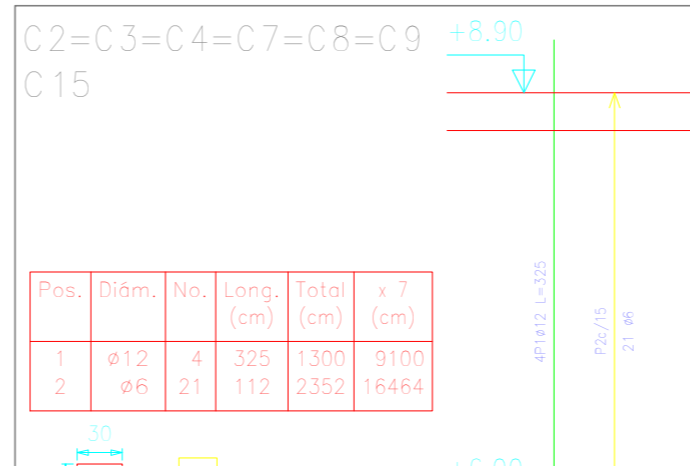
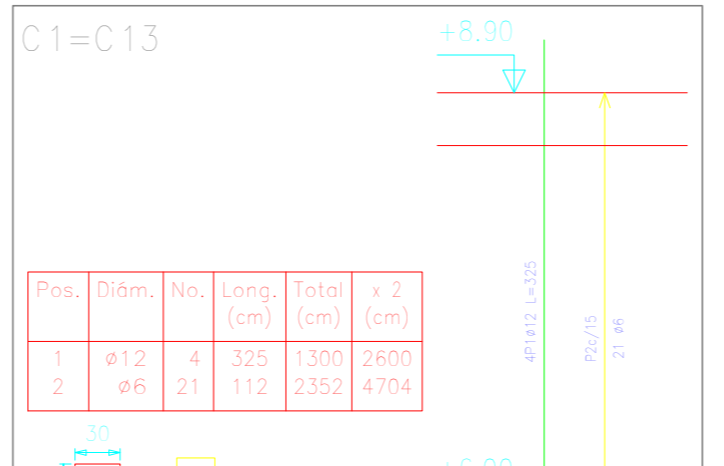
Resumen Acero planta Topo Planteo			
Ar=500N	Ø	Long. total (m)	Peso+10% (kg)
Ø8		449,0	110
Ø12		312,4	305
Ø16		345,0	599
Total			



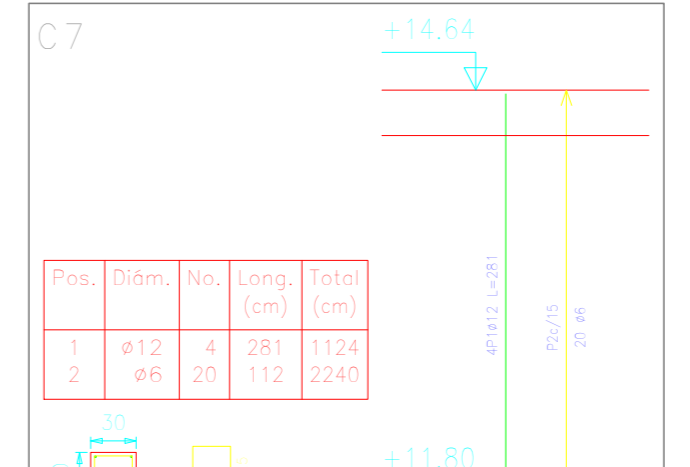
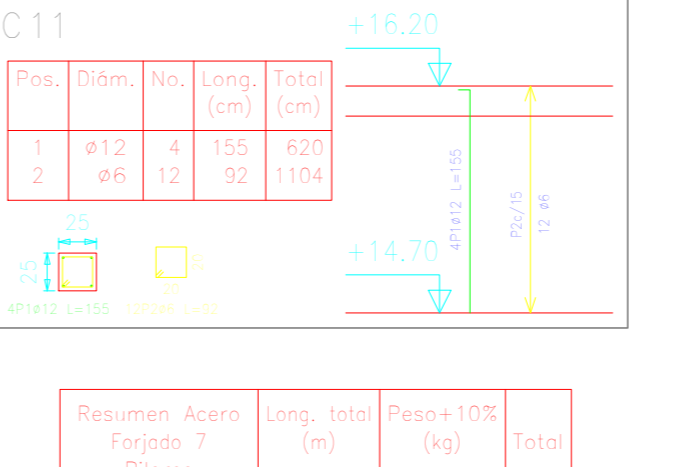
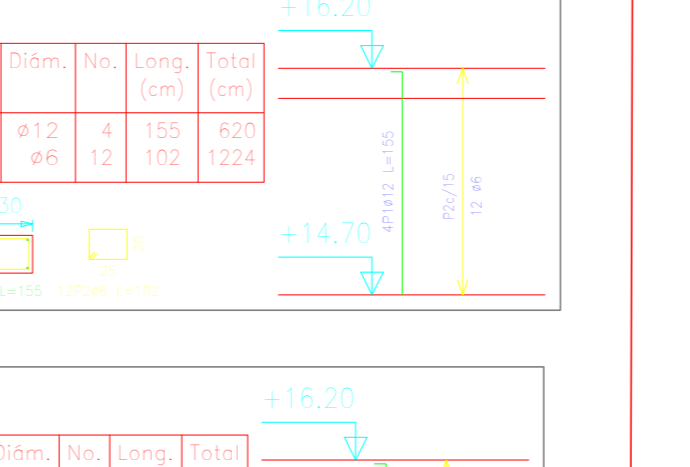
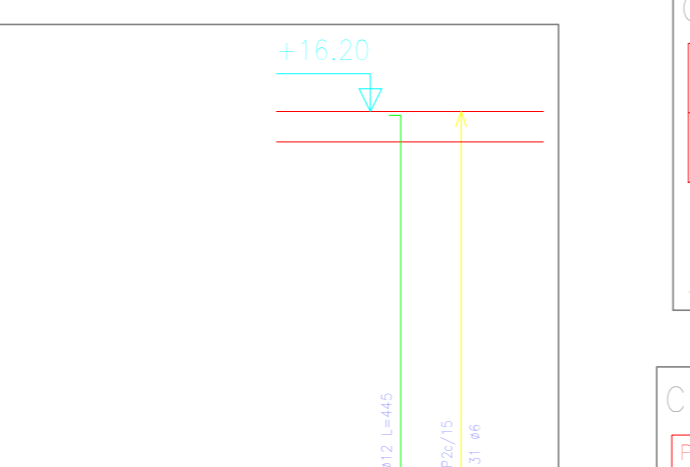
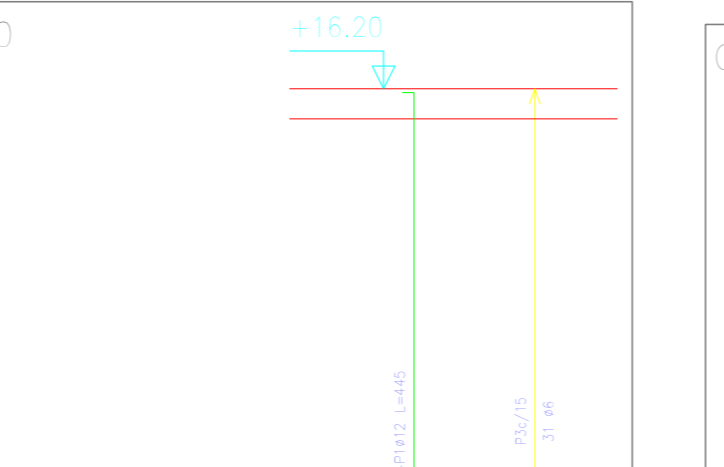
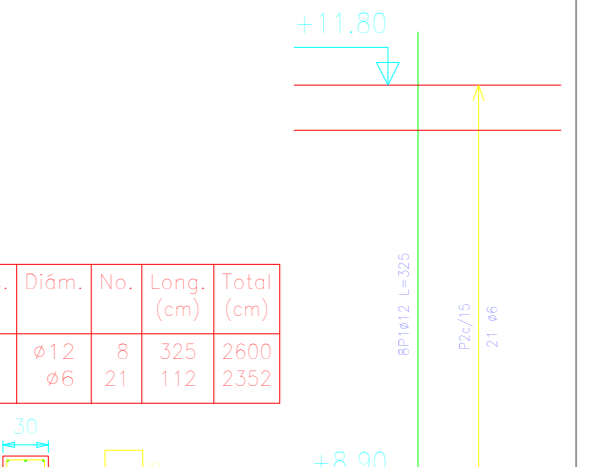
Resumen Acero primer piso Planteo			
Ar=500N	Ø	Long. total (m)	Peso+10% (kg)
Ø8		285,9	70
Ø12		185,0	190
Ø16		147,4	256
Total			



Resumen Acero segundo piso Planteo			
Ar=500N	Ø	Long. total (m)	Peso+10% (kg)
Ø8		301,8	74
Ø12		208,0	203
Total			

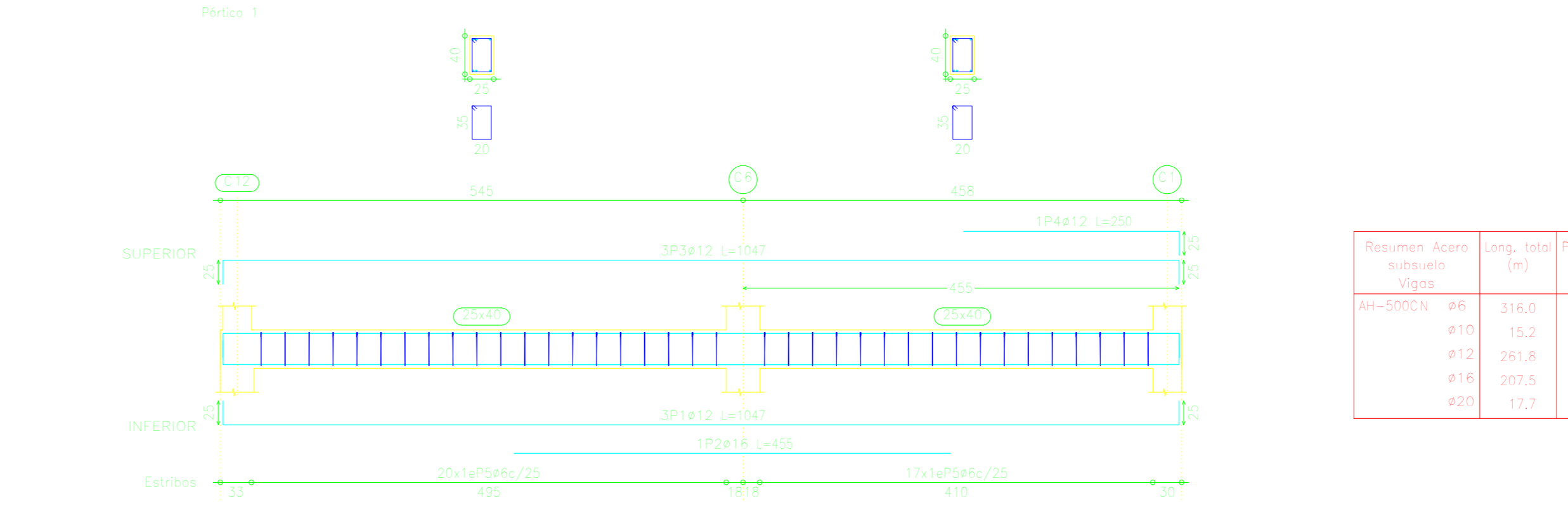
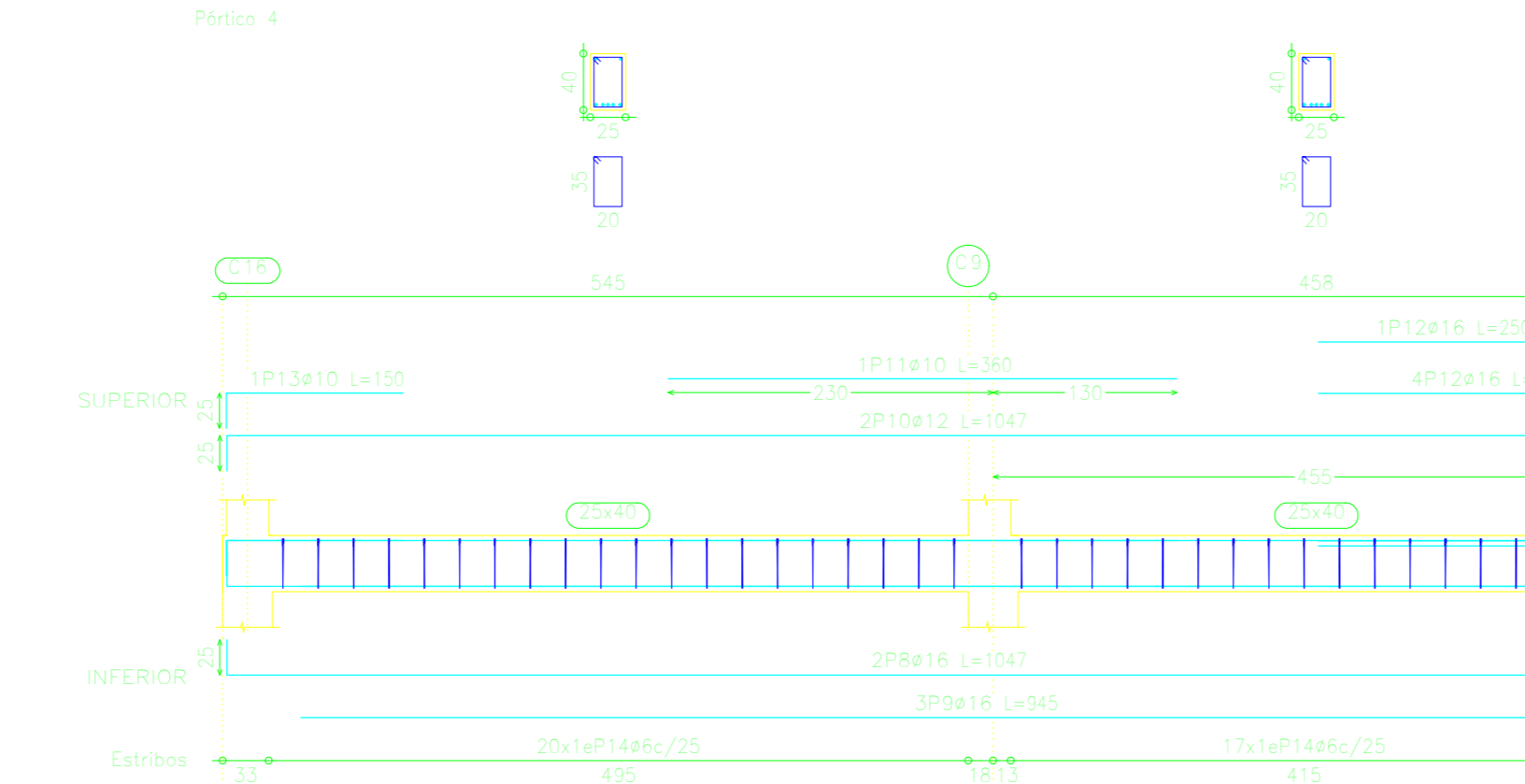
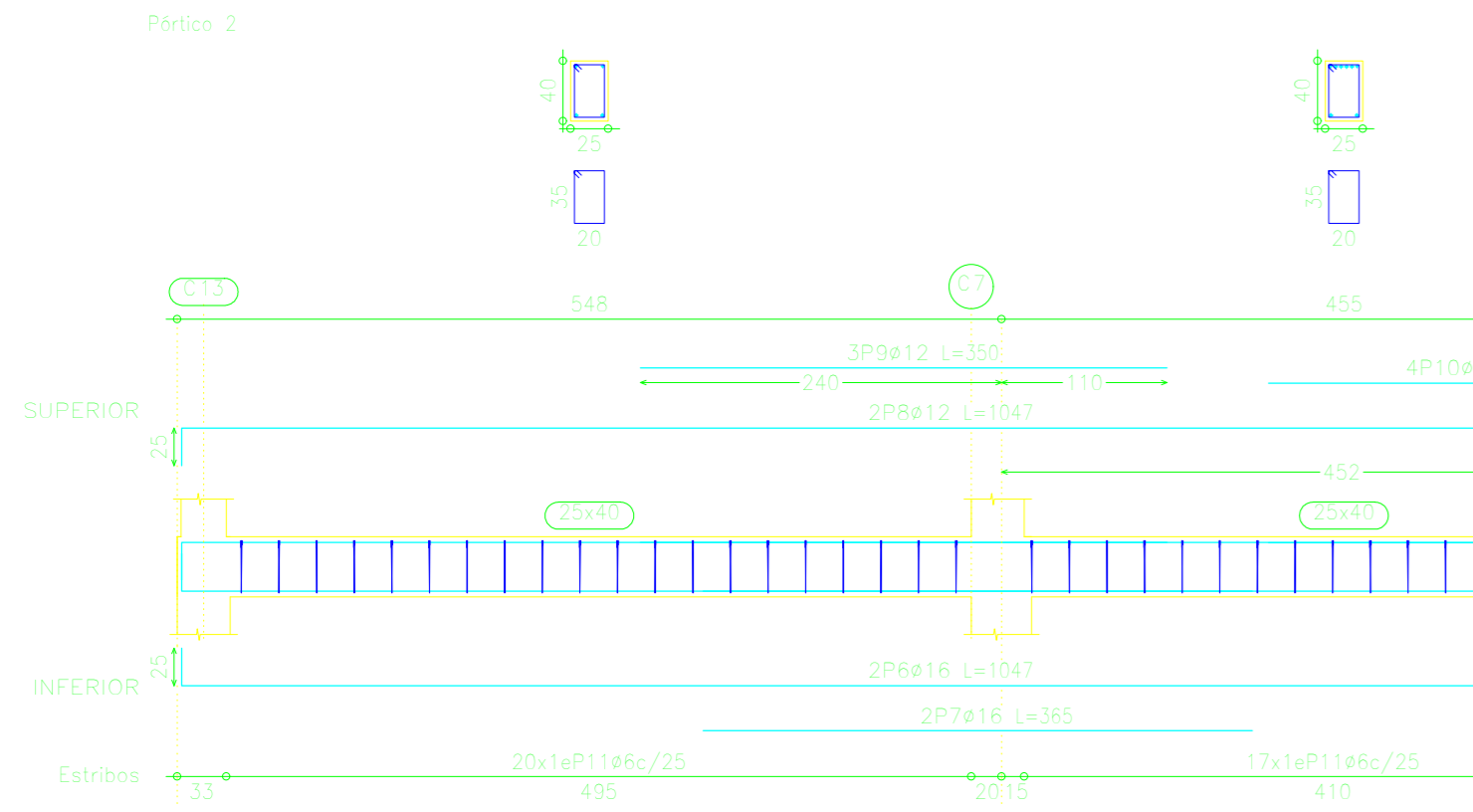
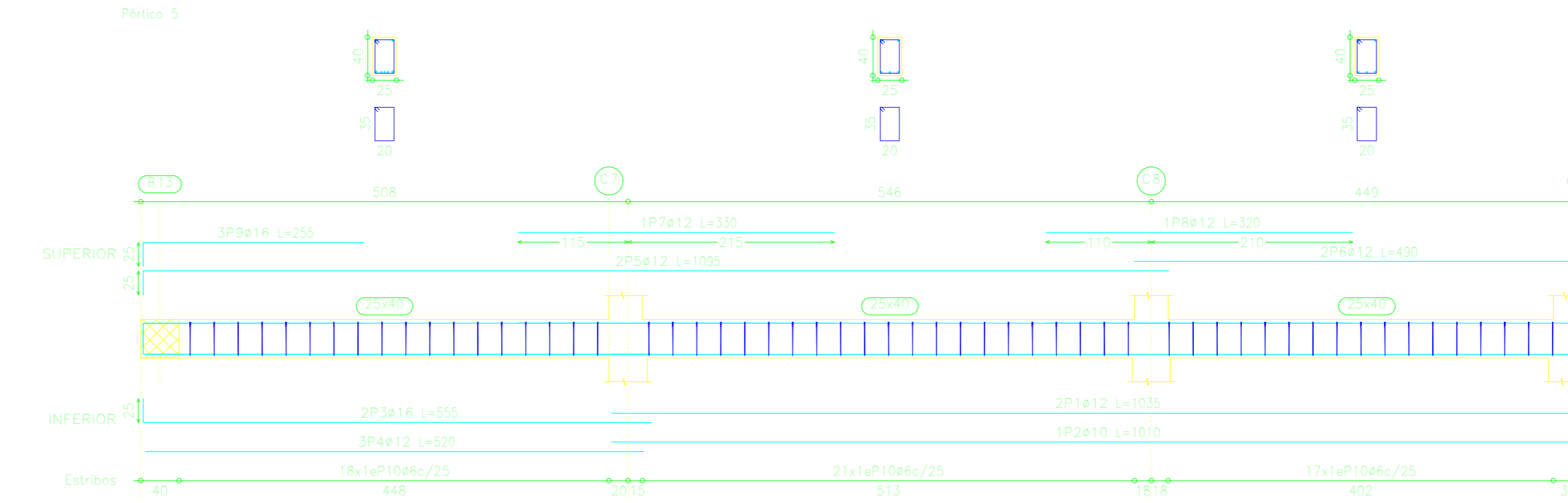
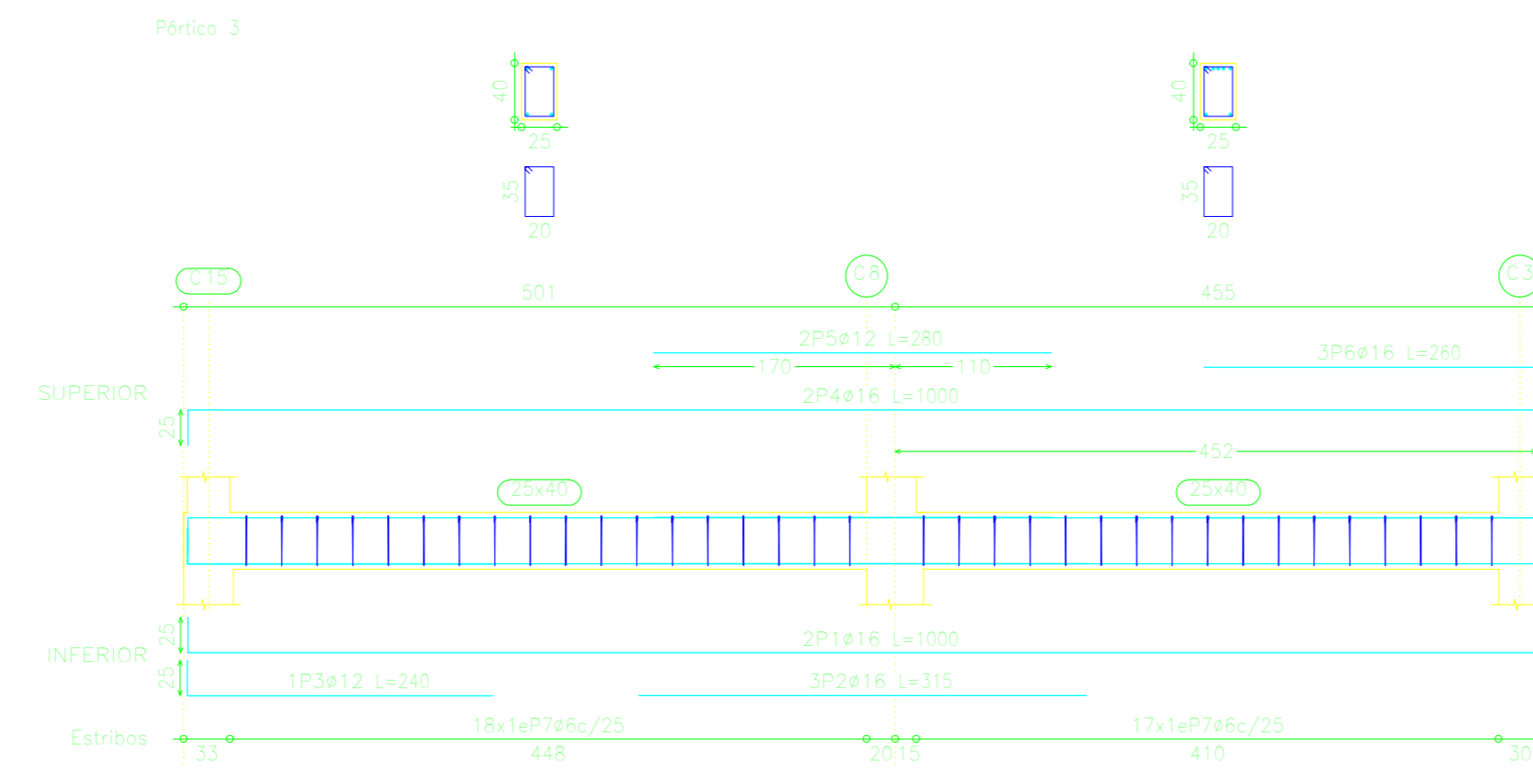
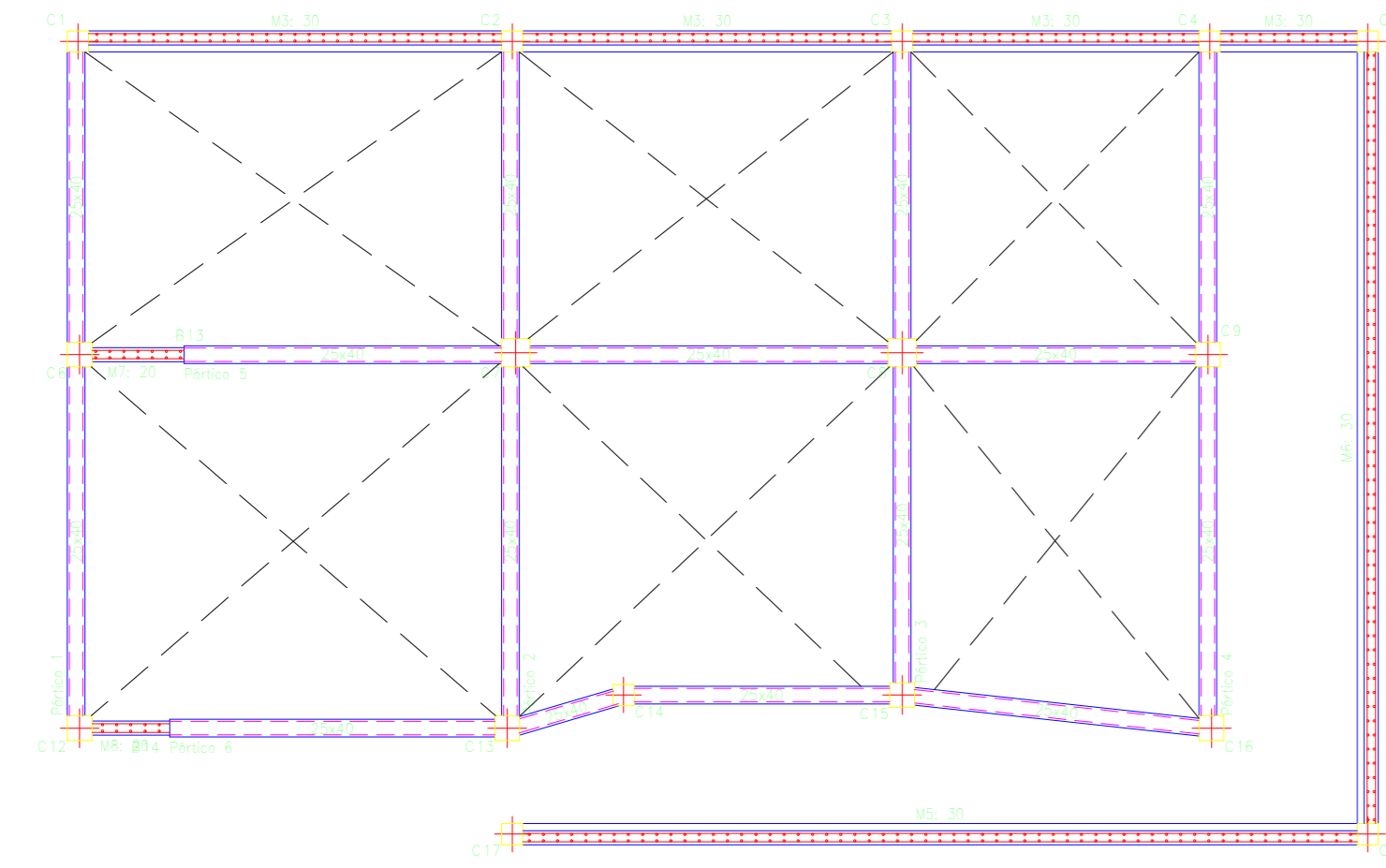


Resumen Acero tercer piso Planteo			
Ar=500N	Ø	Long. total (m)	Peso+10% (kg)
Ø8		301,6	74
Ø12		204,4	200
Total			



Resumen Acero Planta 7 Planteo			
Ar=500N	Ø	Long. total (m)	Peso+10% (kg)
Ø8		80,3	20
Ø12		60,1	59
Total			

VIGAS DE SUBSUELO



Resumen Acero	Long. total	Peso+10%	Total
Acero-500Civ	48	316.0	77
#10	15.2	10	
#12	261.8	256	
#16	207.5	340	
#20	13.7	48	751

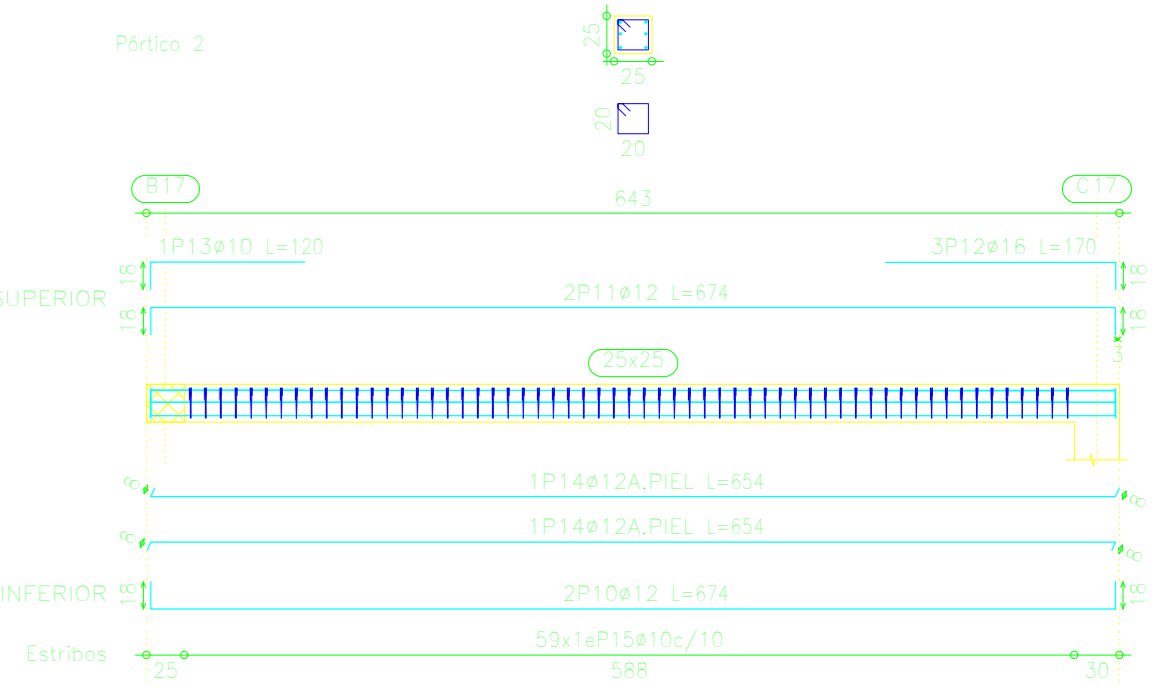
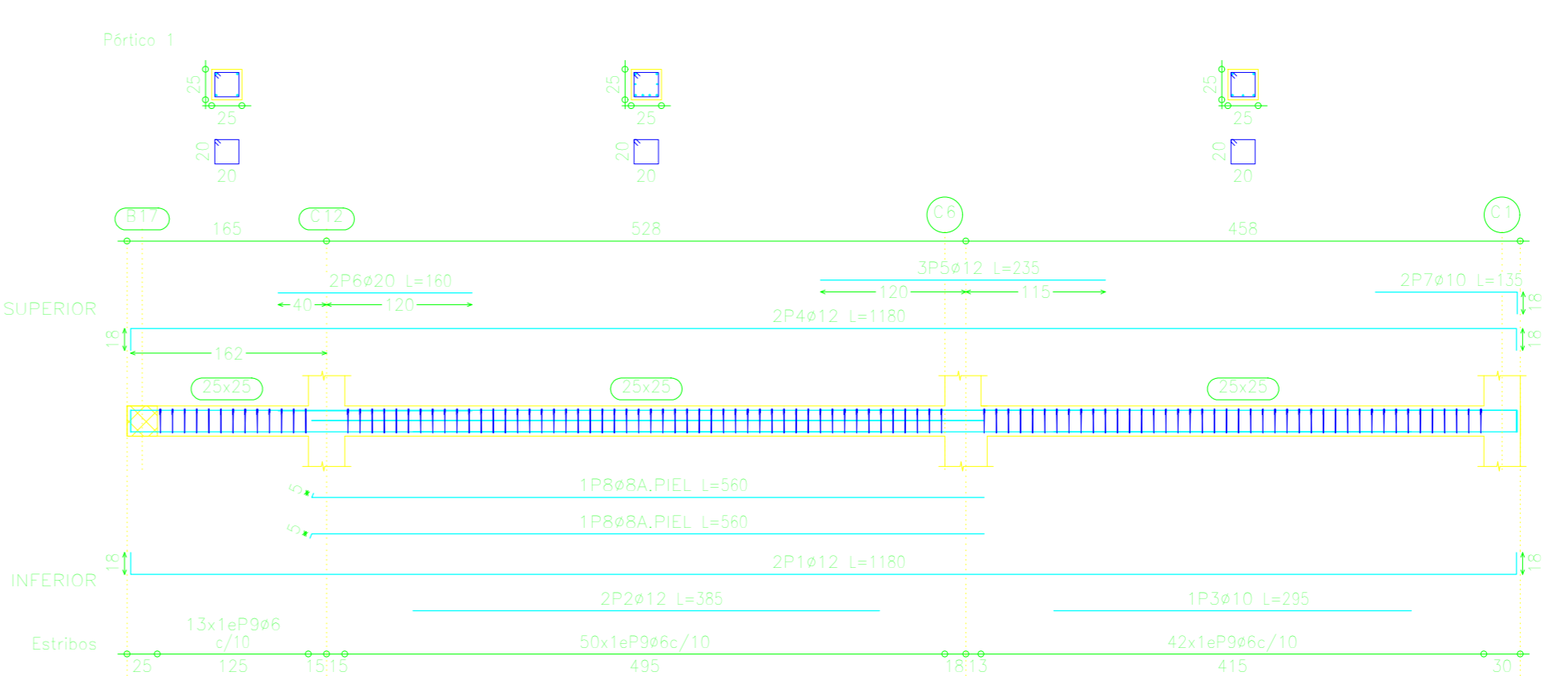
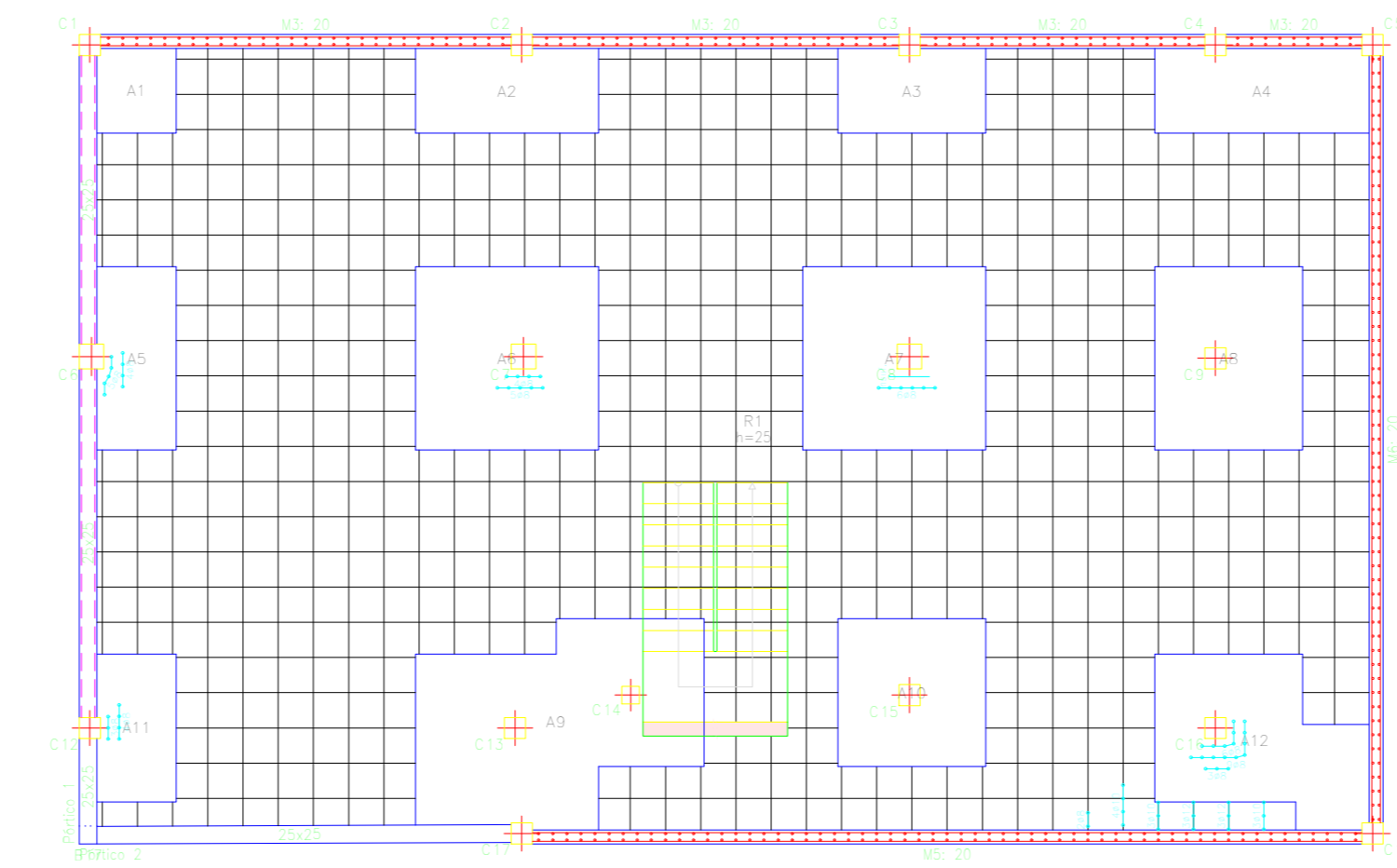
Elemento	Pos.	Dim.	Vol.	Long.	Peso	Acero-500Civ
Punto 1	1	410	100	100	100	10
	2	410	100	100	100	10
	3	410	100	100	100	10
	4	410	100	100	100	10

Elemento	Pos.	Dim.	Vol.	Long.	Peso	Acero-500Civ
Punto 2	1	410	100	100	100	10
	2	410	100	100	100	10
	3	410	100	100	100	10
	4	410	100	100	100	10

Elemento	Pos.	Dim.	Vol.	Long.	Peso	Acero-500Civ
Punto 3	1	410	100	100	100	10
	2	410	100	100	100	10
	3	410	100	100	100	10
	4	410	100	100	100	10

Elemento	Pos.	Dim.	Vol.	Long.	Peso	Acero-500Civ
Punto 4	1	410	100	100	100	10
	2	410	100	100	100	10
	3	410	100	100	100	10
	4	410	100	100	100	10

VIGAS DE LA PLANTA BAJA

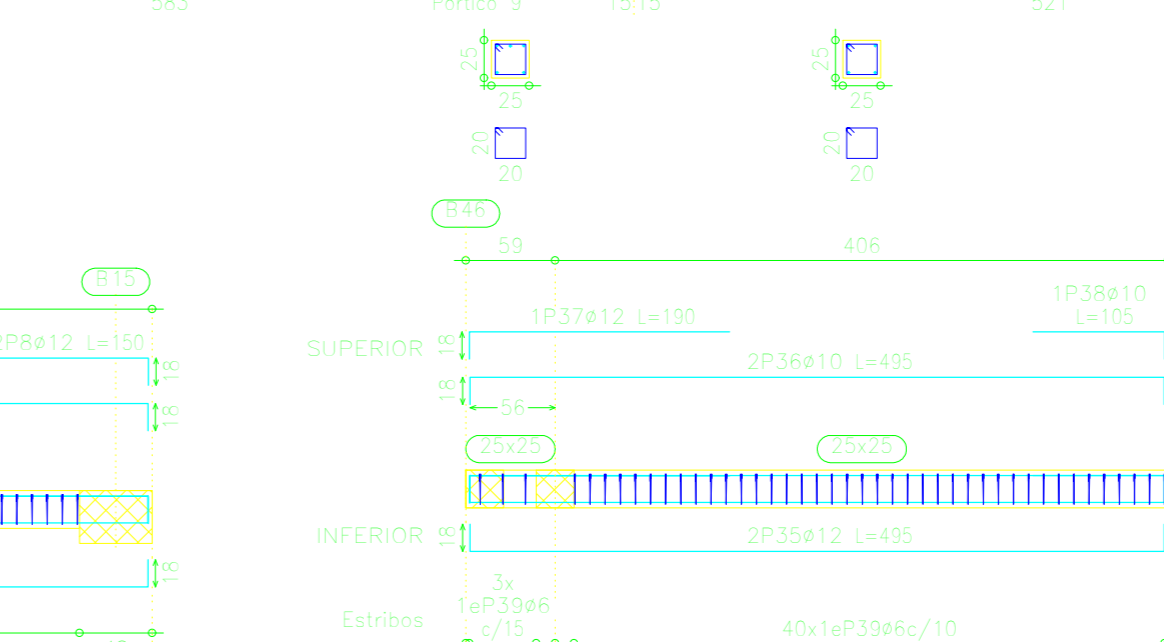
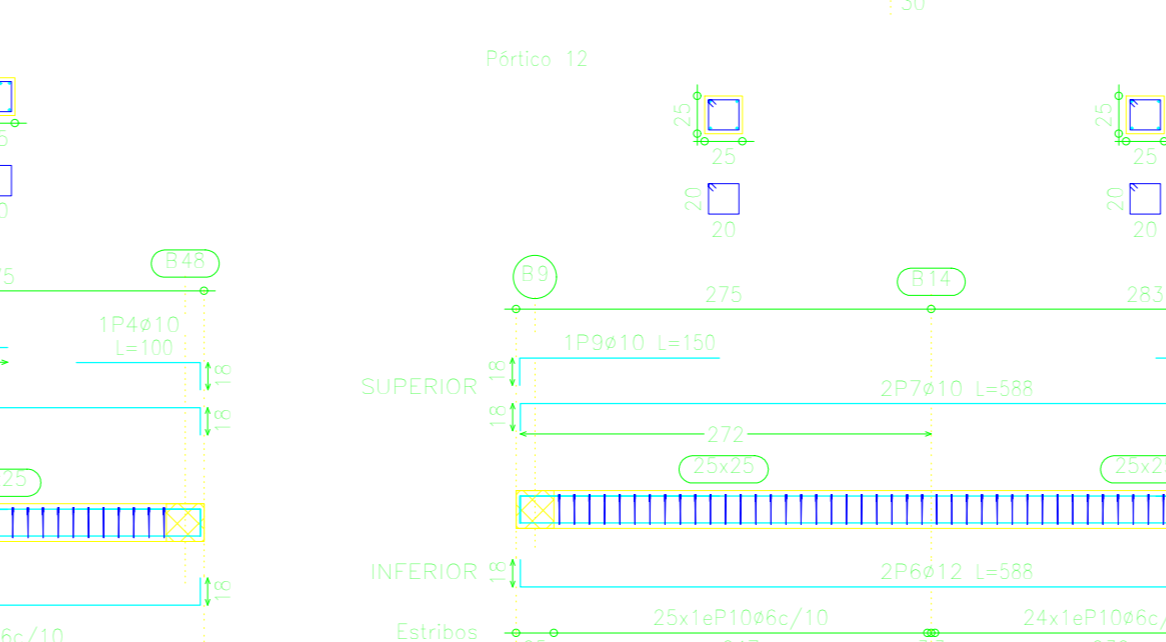
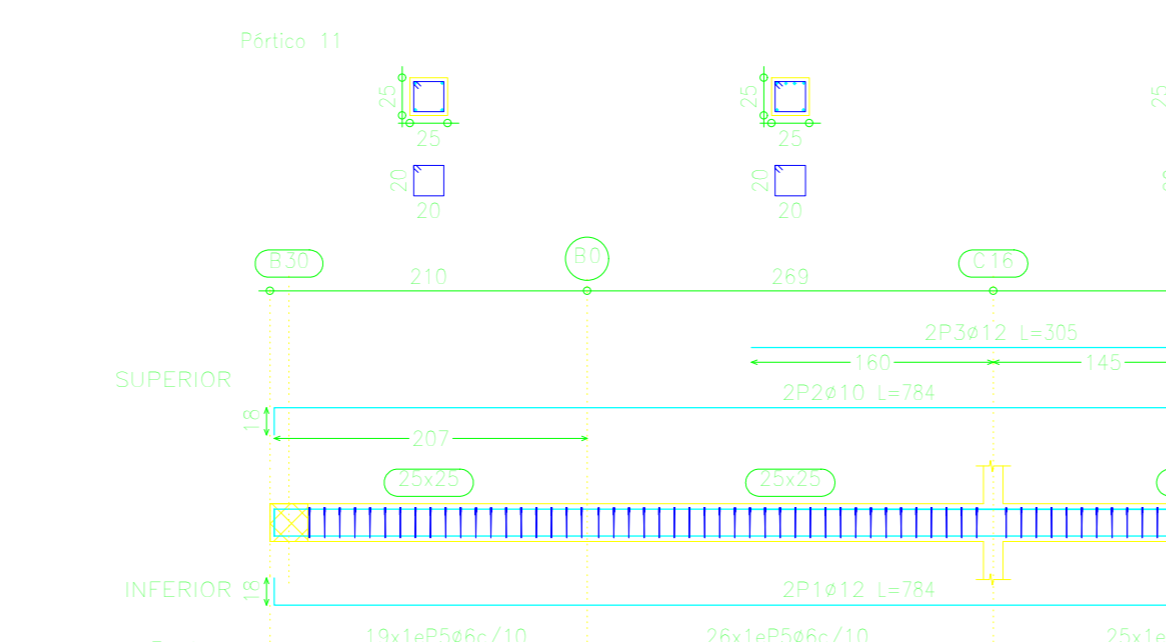
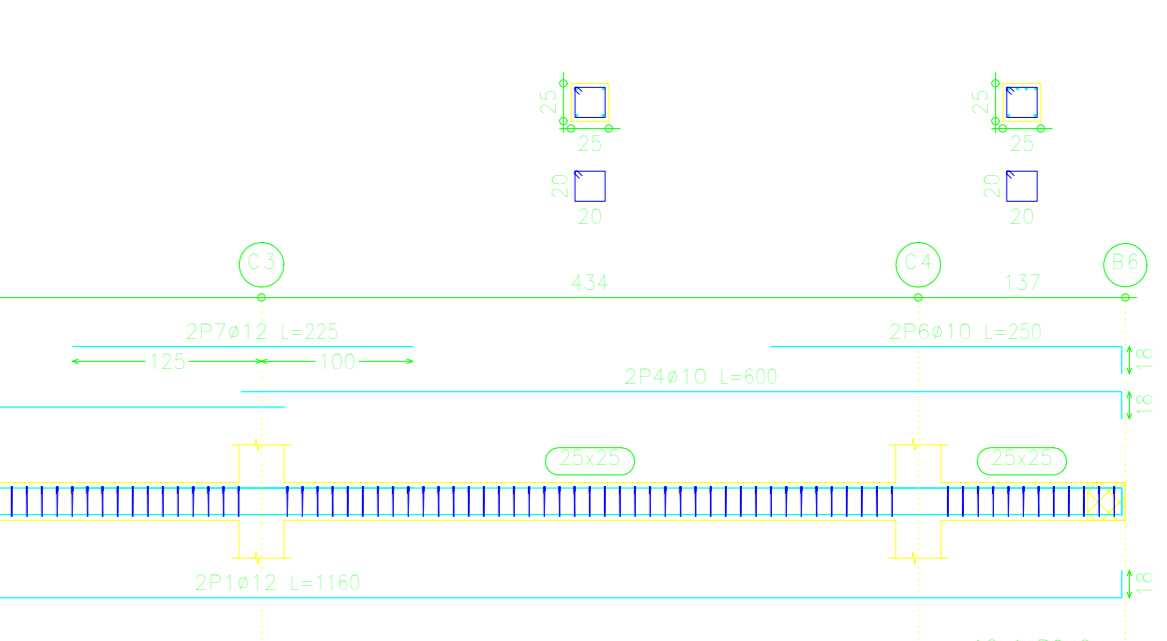
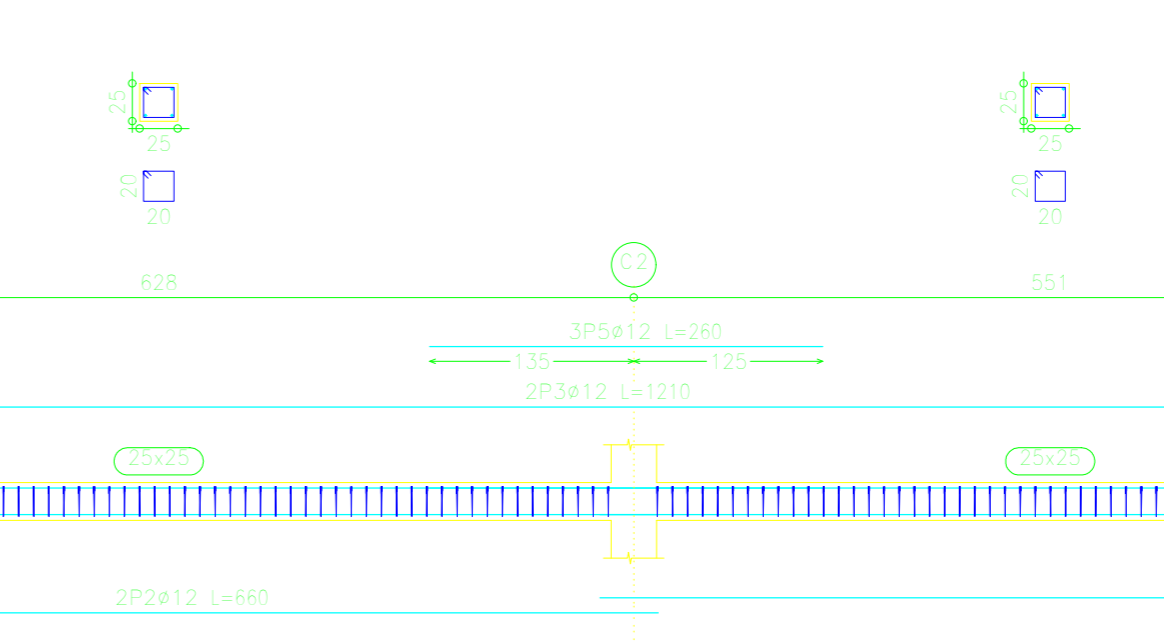
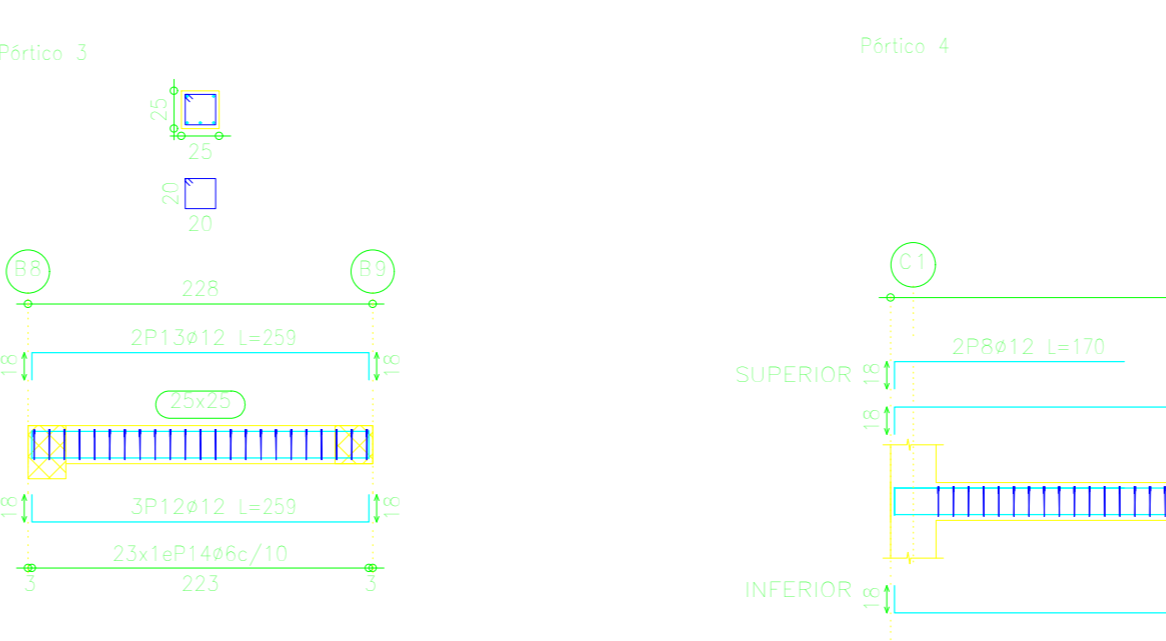
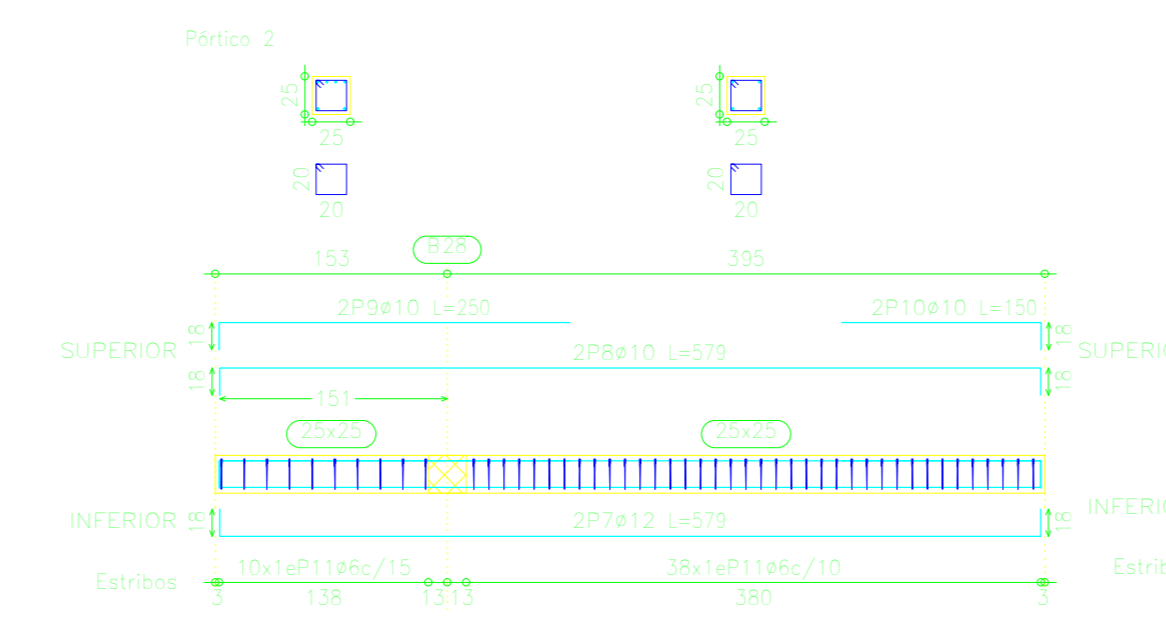
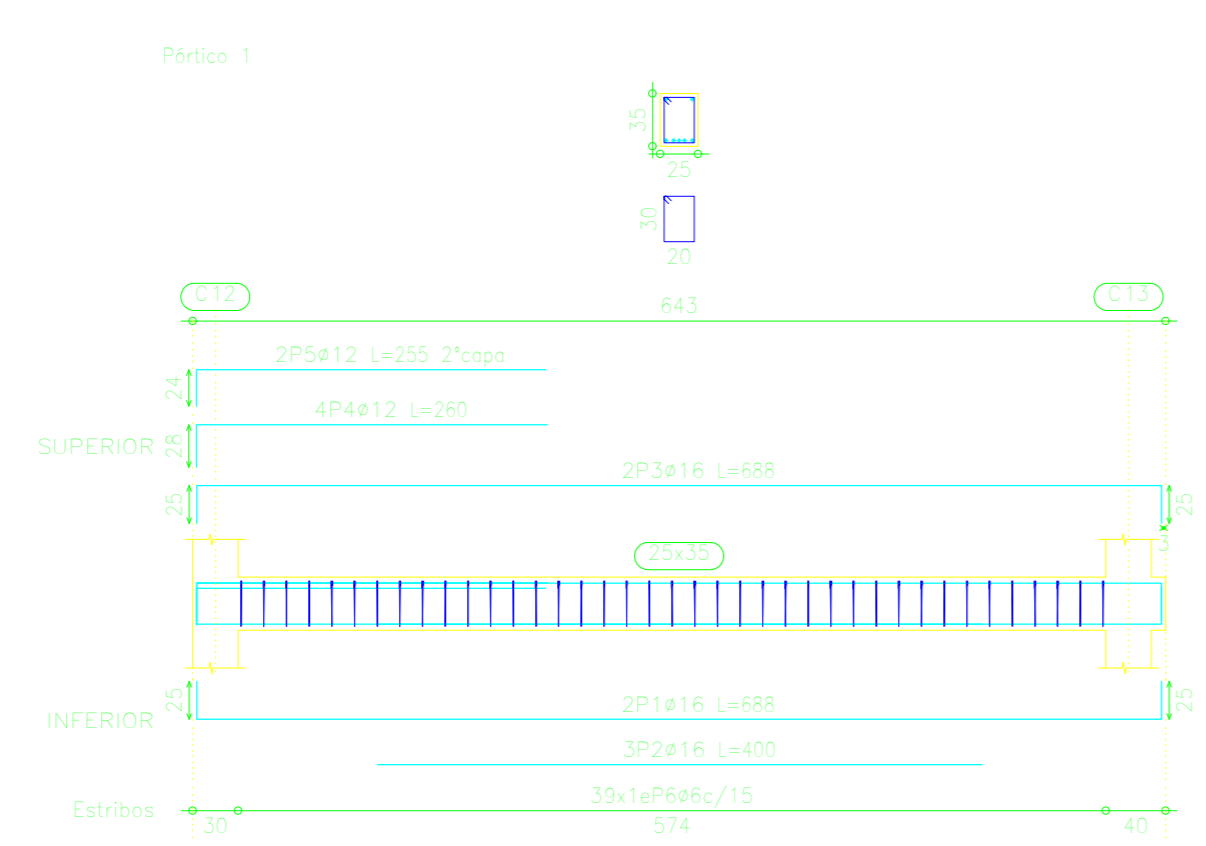
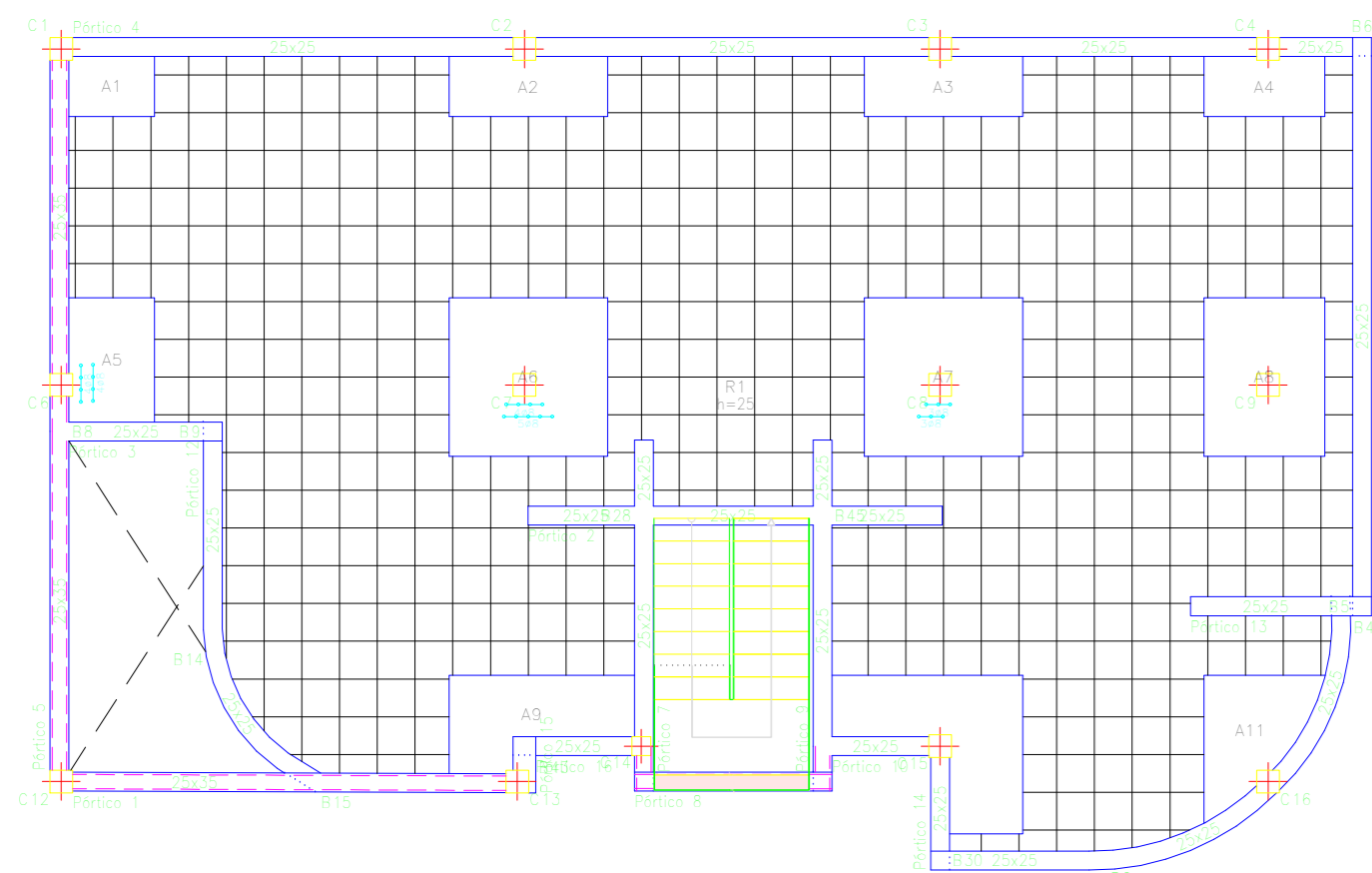


Resumen Acero	Long. total	Peso+10%	Total
Acero-500Civ	48	36.8	24
#8	11.2	5	
#10	65.0	45	
#12	102.0	100	
#16	5.3	9	
#20	3.2	9	100

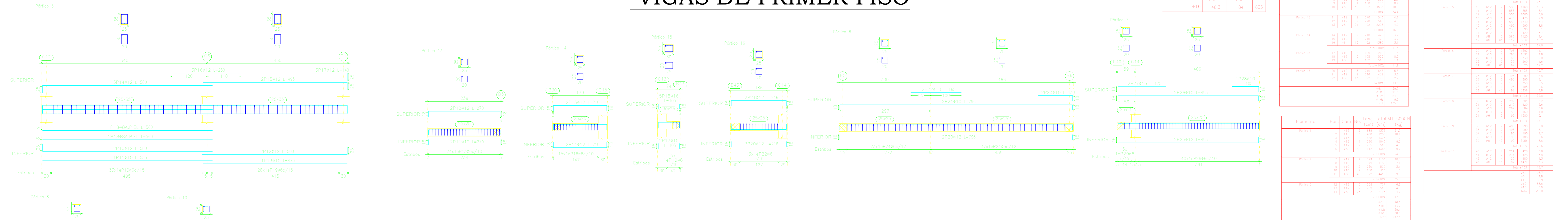
Elemento	Pos.	Dim.	Vol.	Long.	Peso	Acero-500Civ
Punto 1	1	410	100	100	100	10
	2	410	100	100	100	10
	3	410	100	100	100	10
	4	410	100	100	100	10

Elemento	Pos.	Dim.	Vol.	Long.	Peso	Acero-500Civ
Punto 2	1	410	100	100	100	10
	2	410	100	100	100	10
	3	410	100	100	100	10
	4	410	100	100	100	10

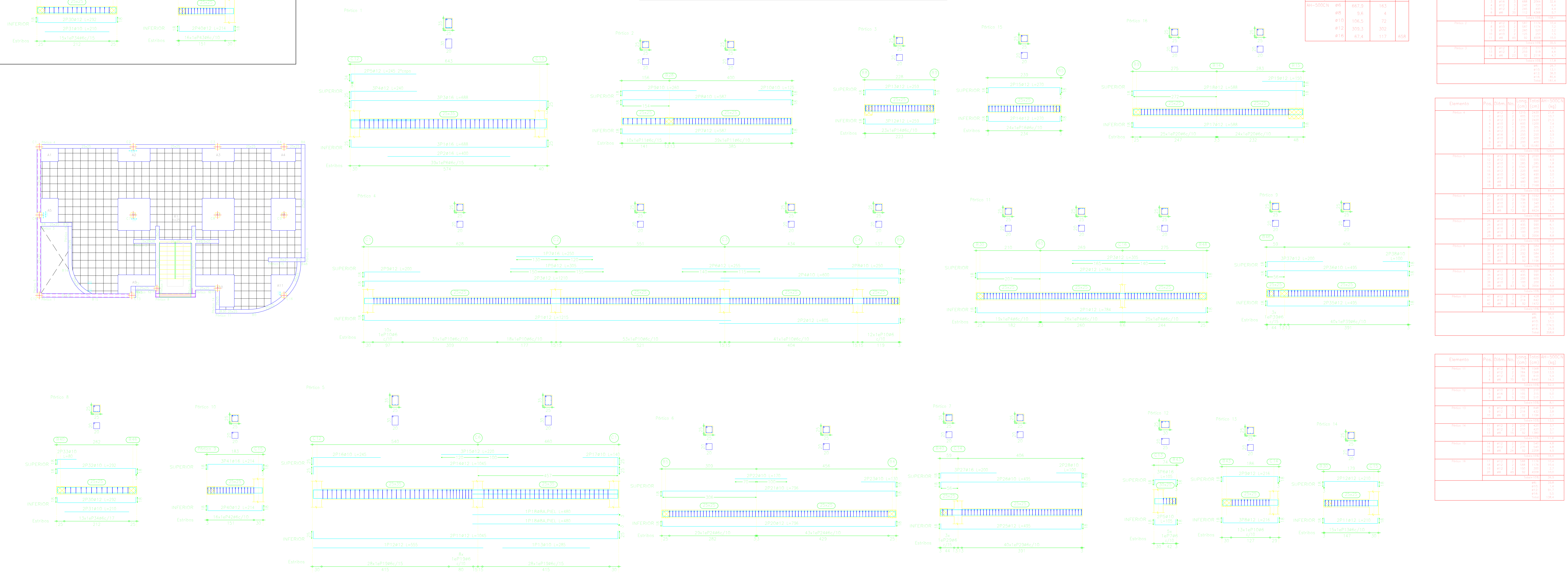
VIGAS DE PRIMER PISO



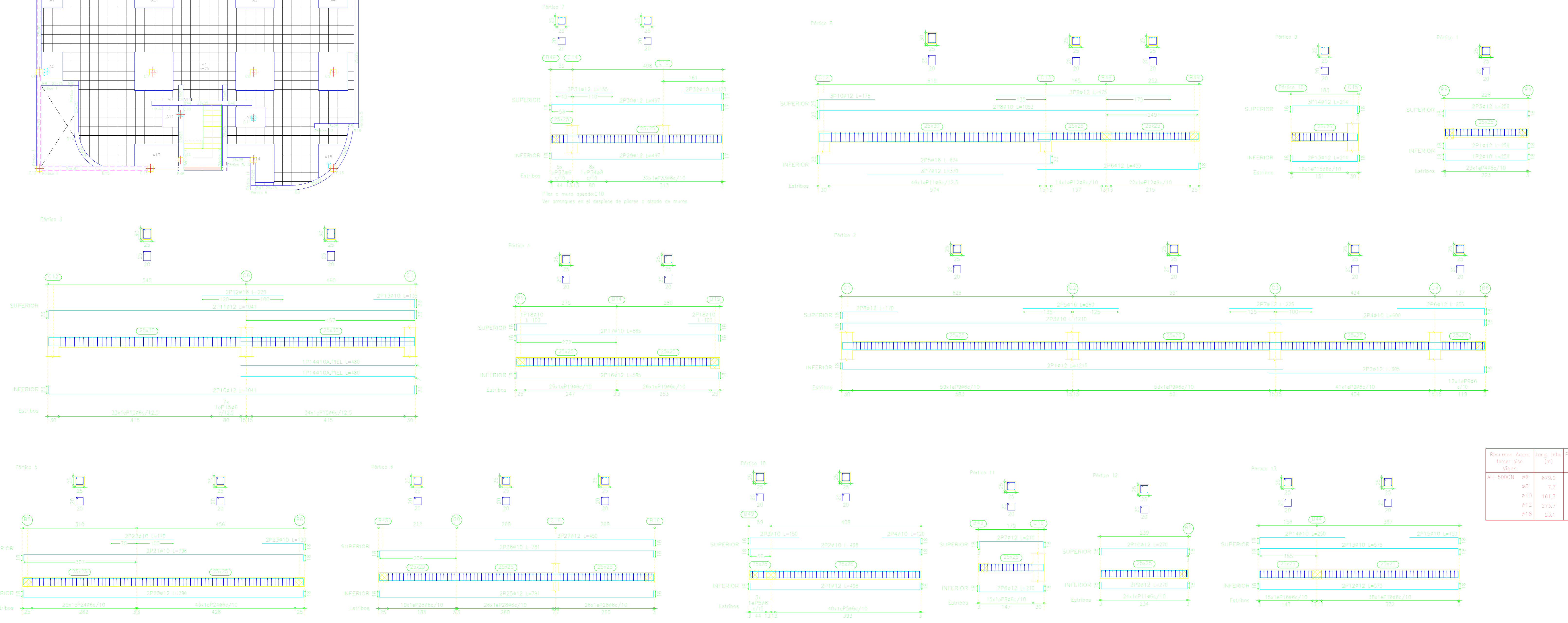
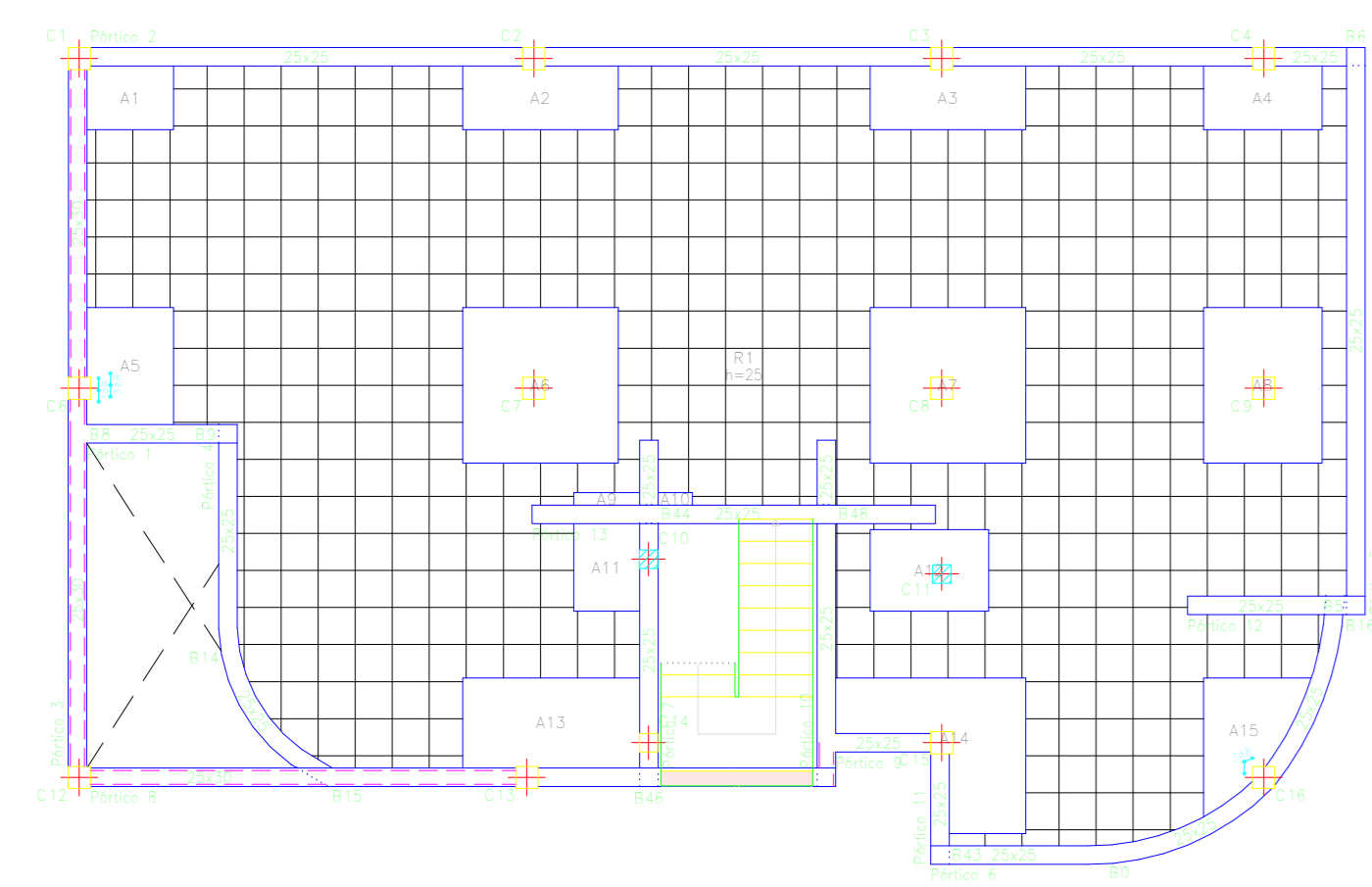
VIGAS DE PRIMER PISO



VIGAS DE SEGUNDO PISO



VIGAS DE TERCER PISO



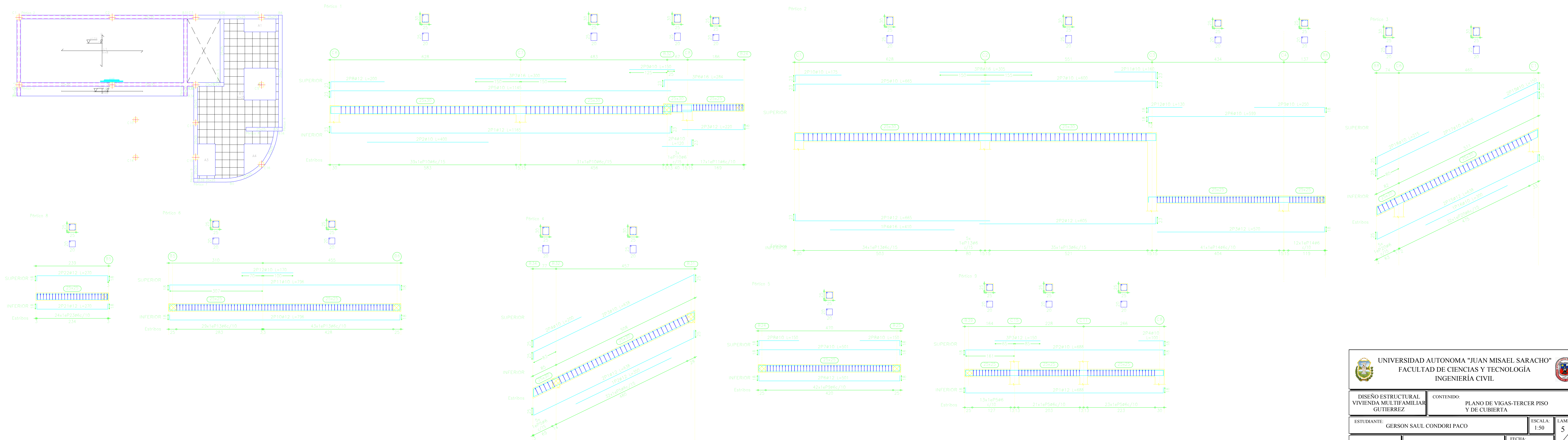
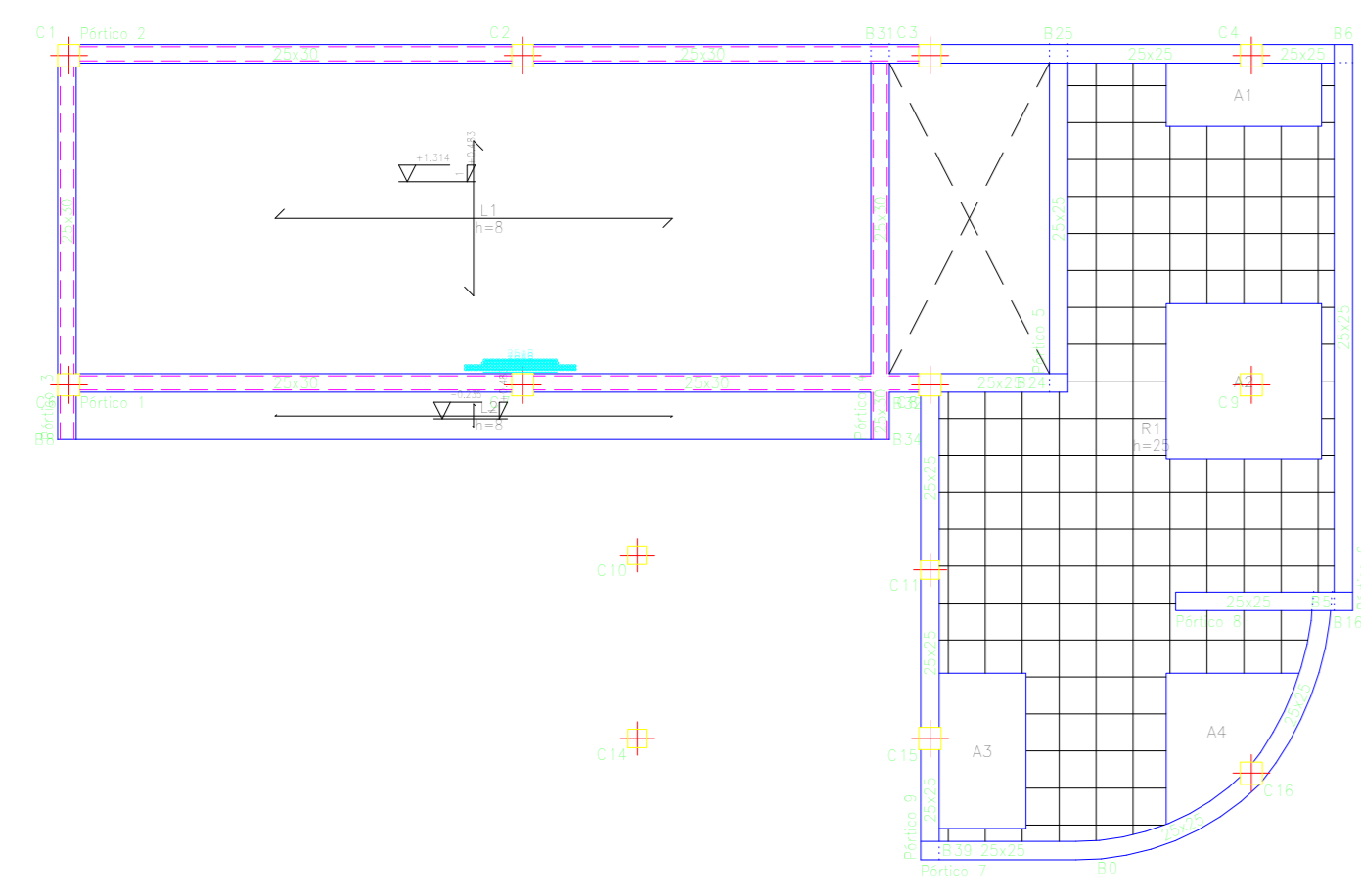
Resumen Acero tercer piso Vigas					
Elemento	Pres	Diámetro	Long. (m)	Cantidad	Peso (kg)
#8	1	8	478.0	146	91.8
#8	2	8	7.7	3	1.9
#10	1	10	161.7	110	139.5
#12	1	12	273.7	297	366.6
#16	1	16	23.1	40	586

Elemento	Pres	Diámetro	Long. (m)	Cantidad	Peso (kg)
#8	1	8	478.0	146	91.8
#8	2	8	7.7	3	1.9
#10	1	10	161.7	110	139.5
#12	1	12	273.7	297	366.6
#16	1	16	23.1	40	586

Elemento	Pres	Diámetro	Long. (m)	Cantidad	Peso (kg)
#8	1	8	478.0	146	91.8
#8	2	8	7.7	3	1.9
#10	1	10	161.7	110	139.5
#12	1	12	273.7	297	366.6
#16	1	16	23.1	40	586

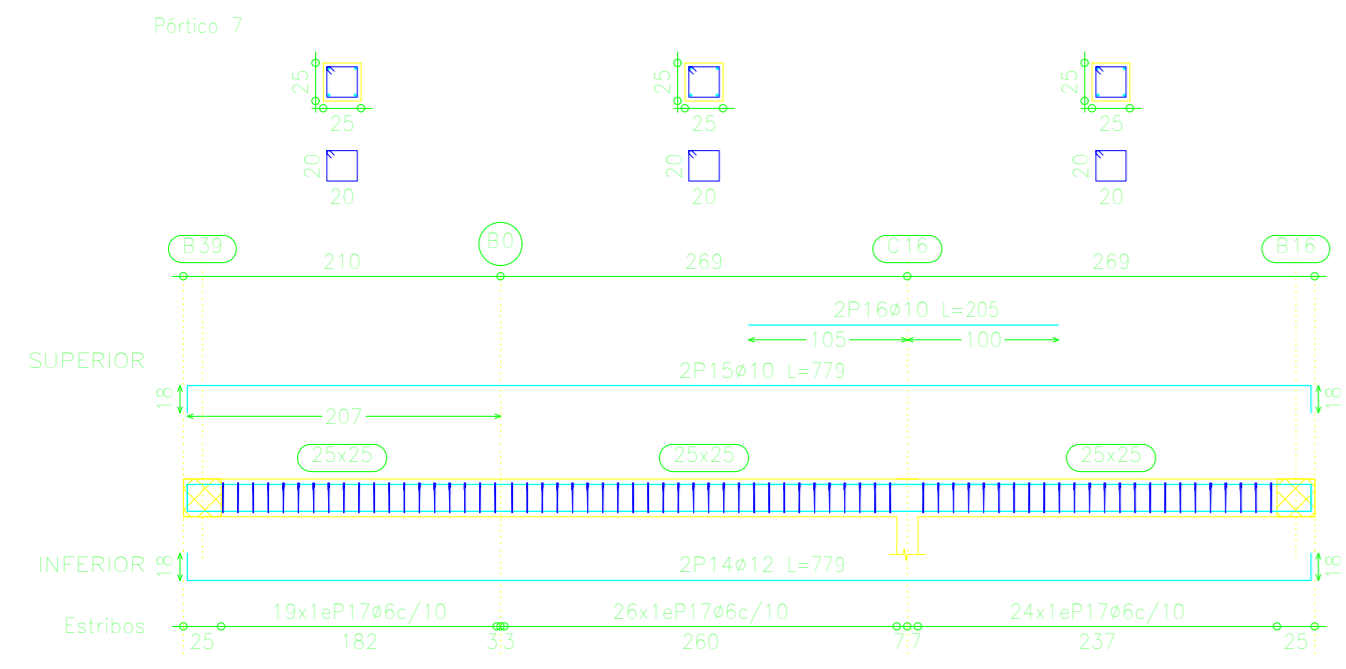
Elemento	Pres	Diámetro	Long. (m)	Cantidad	Peso (kg)
#8	1	8	478.0	146	91.8
#8	2	8	7.7	3	1.9
#10	1	10	161.7	110	139.5
#12	1	12	273.7	297	366.6
#16	1	16	23.1	40	586

VIGAS DE LA CUBIERTA



UNIVERSIDAD AUTÓNOMA "JUAN MISAEL SARACHO" FACULTAD DE CIENCIAS Y TECNOLOGÍA INGENIERÍA CIVIL	
DISEÑO ESTRUCTURAL VIVIENDA MULTIFAMILIAR GUTIERREZ	CONTENIDO: PLANO DE VIGAS-TERCER PISO Y DE CUBIERTA
ESTUDIANTE: GERSON SAUL CONDORI PACO	ESCALA: 1:50 LÁMINA: 5 FECHA: JULIO-2024
VoBo	11

VIGAS DE LA CUBIERTA



Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
Piso 7	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

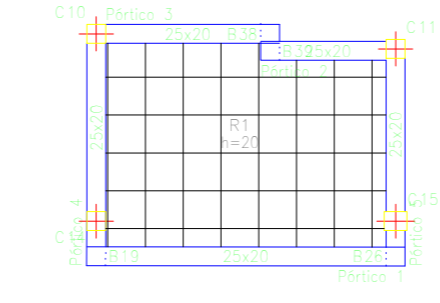
Resumen Acero cubierta Vigas	Long. total (m)	Peso=100% (kg)	Total
M=5000N	486	532.7	135
Ø10	128.5	135	
Ø12	168.1	184	
Ø14	30.8	53	482

Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
Piso 7	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
Piso 7	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
Piso 7	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

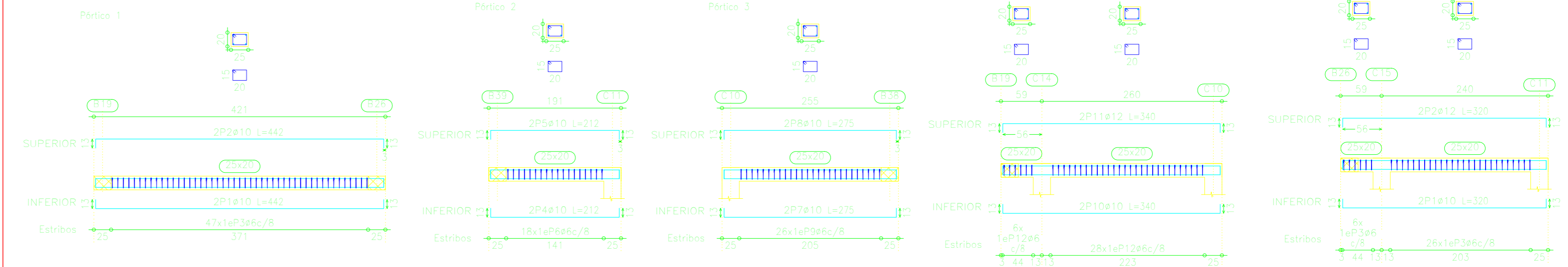
VIGAS DE LA CUBIERTA



Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
Piso 7	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

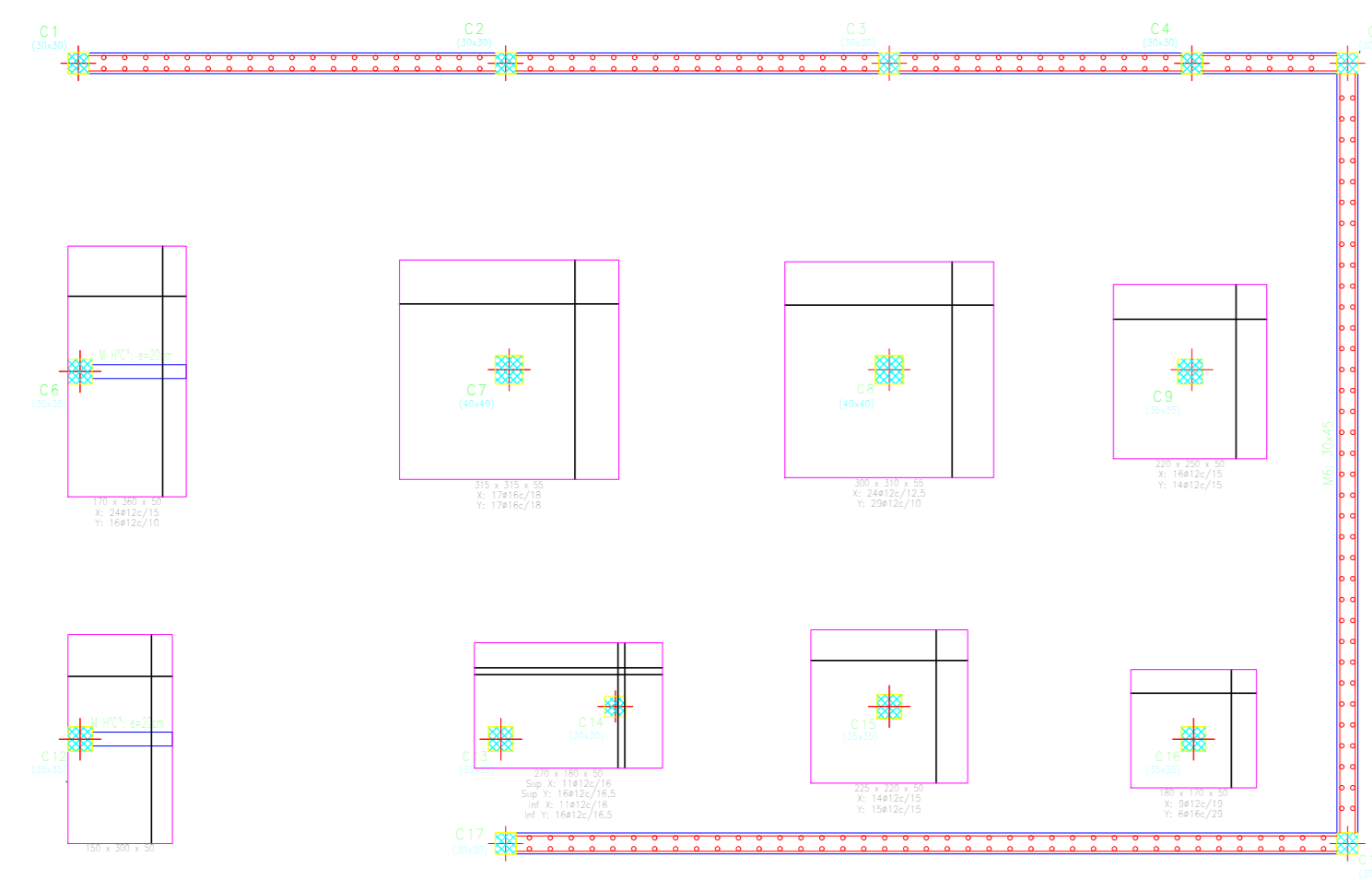
Resumen Acero Vigas	Long. total (m)	Peso=100% (kg)	Total
M=5000N	486	128.7	31
Ø10	55.4	34	
Ø12	13.2	13	76

Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
Piso 7	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

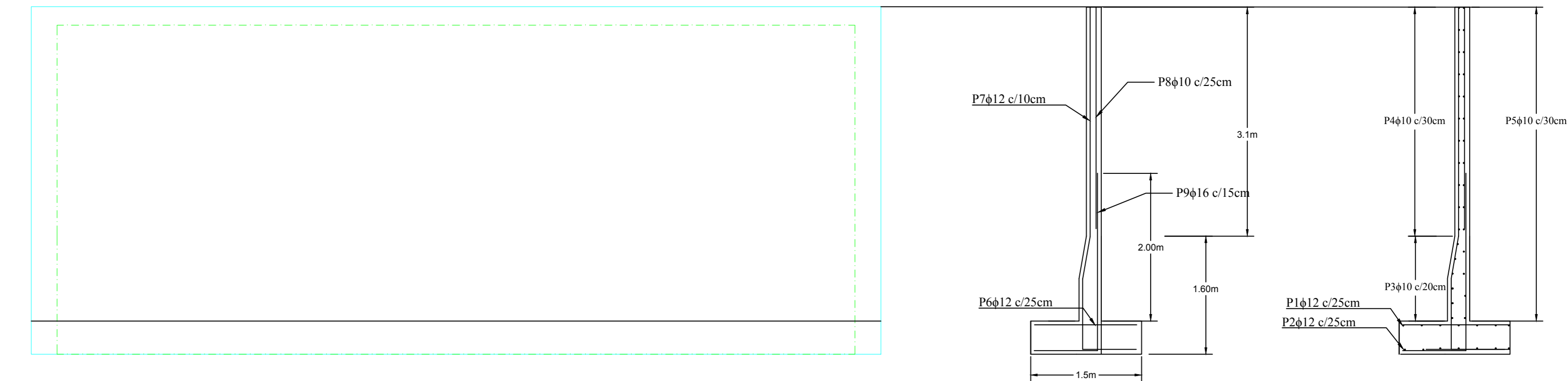
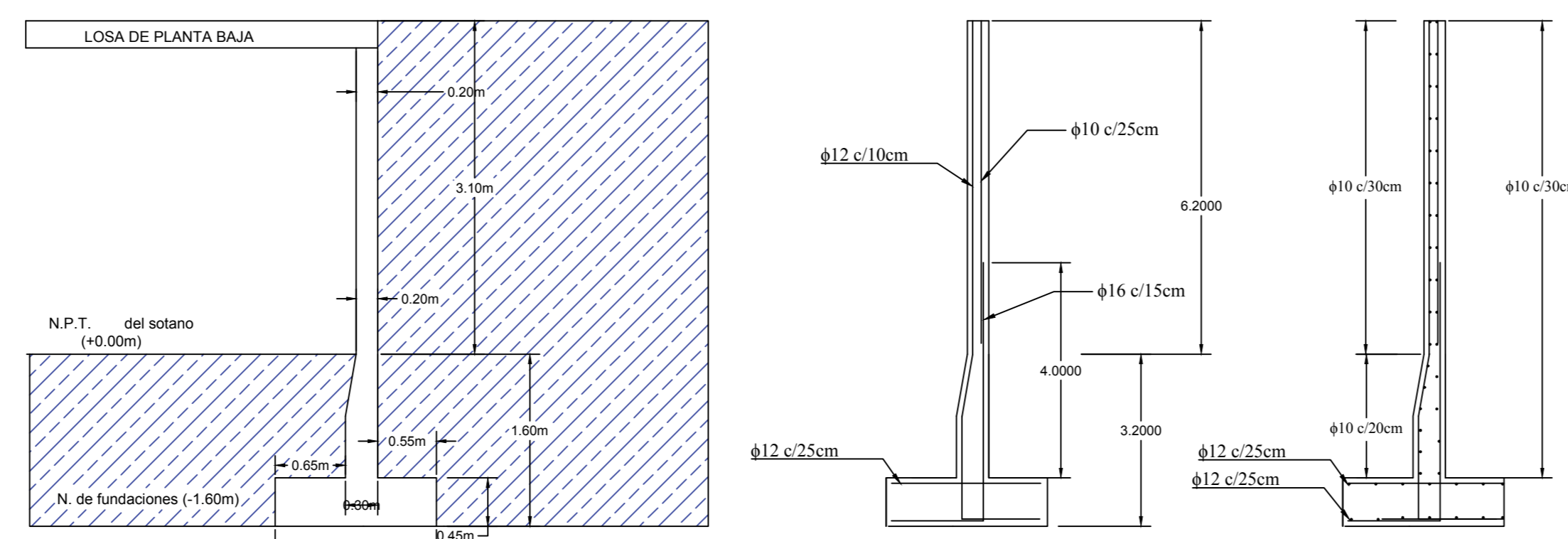


M2: Pisos 1 a 2 Escala: 1:50

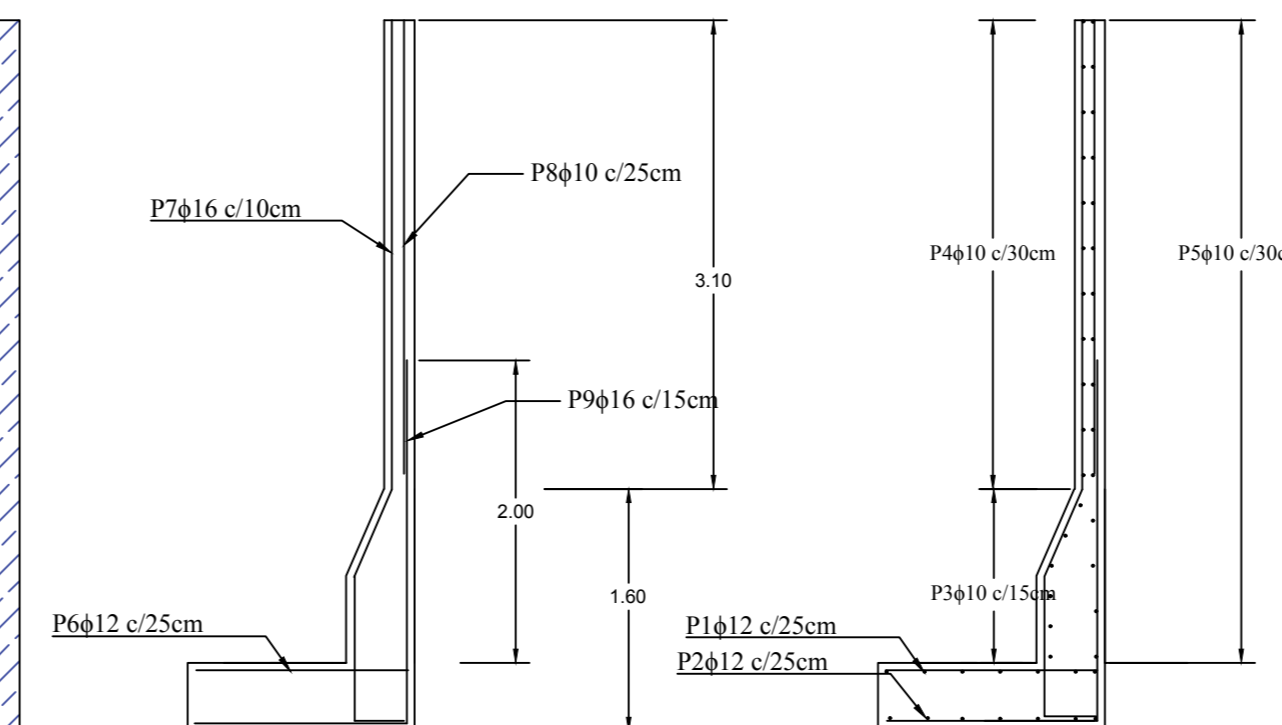
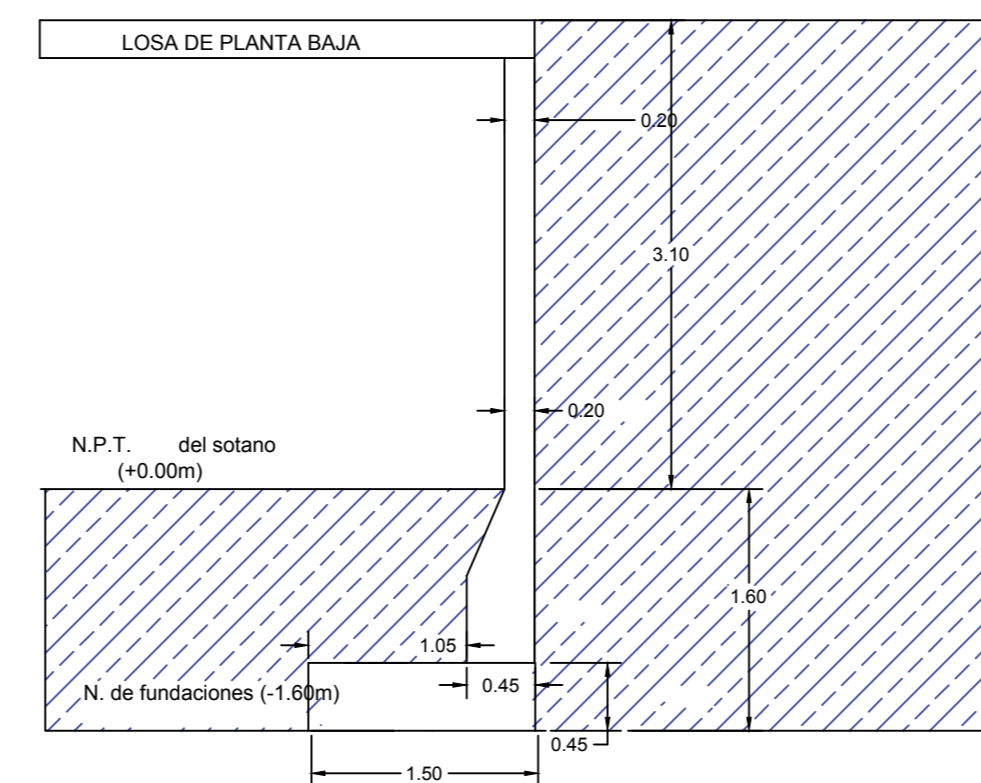
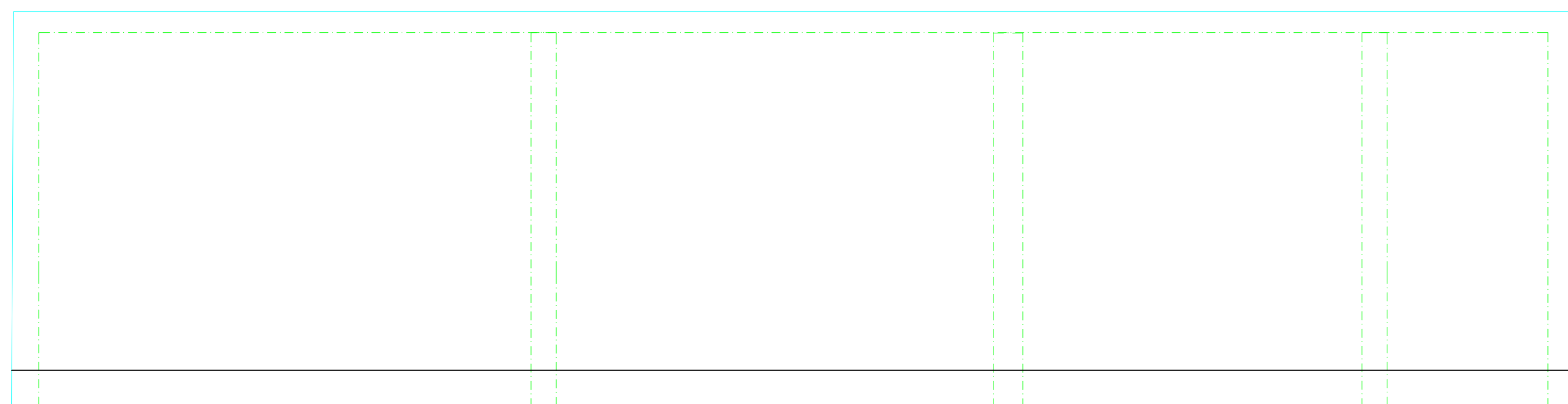
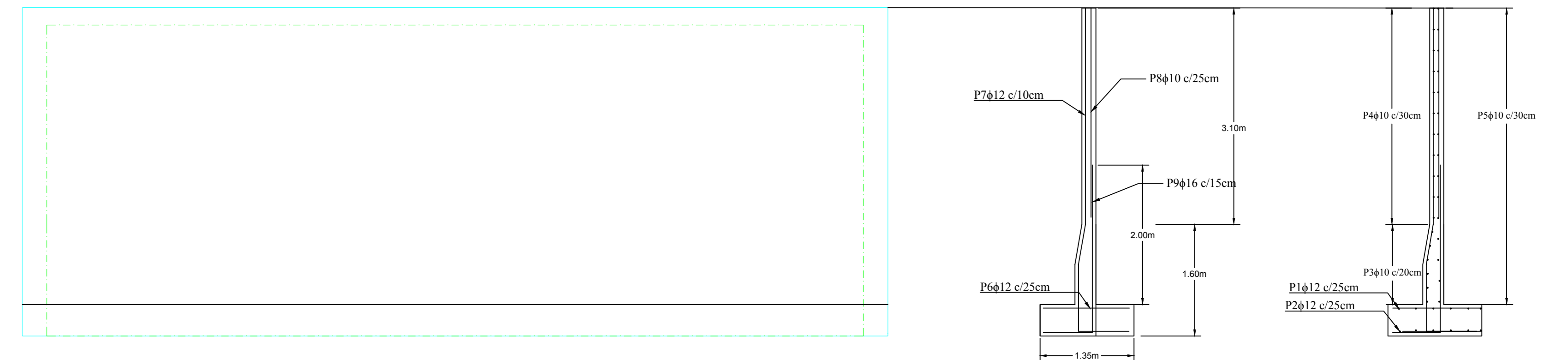
MUROS DE H°A°



M2: Pisos 1 a 2 Escala: 1:50



M1: Pisos 1 a 2 Escala: 1:50

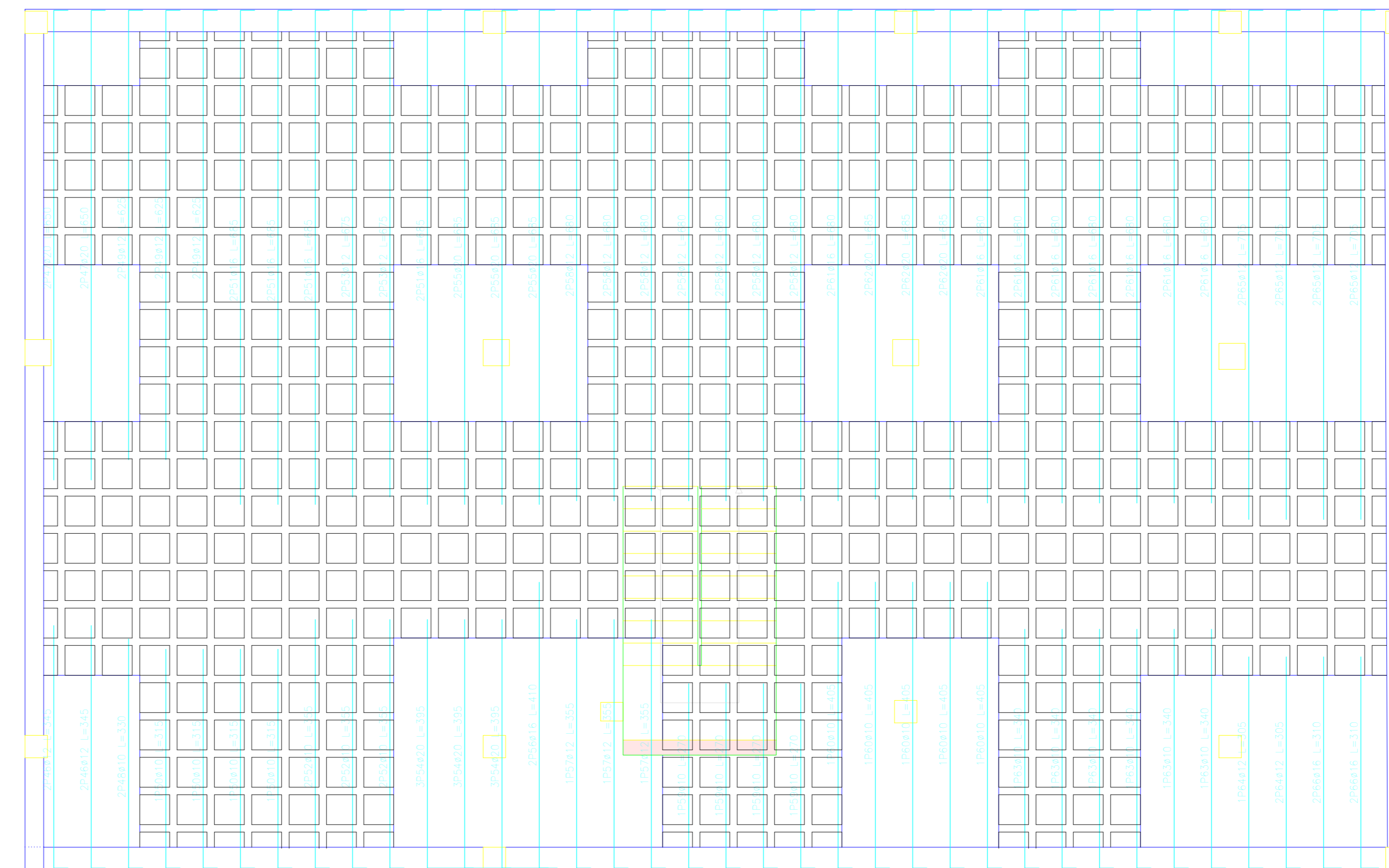
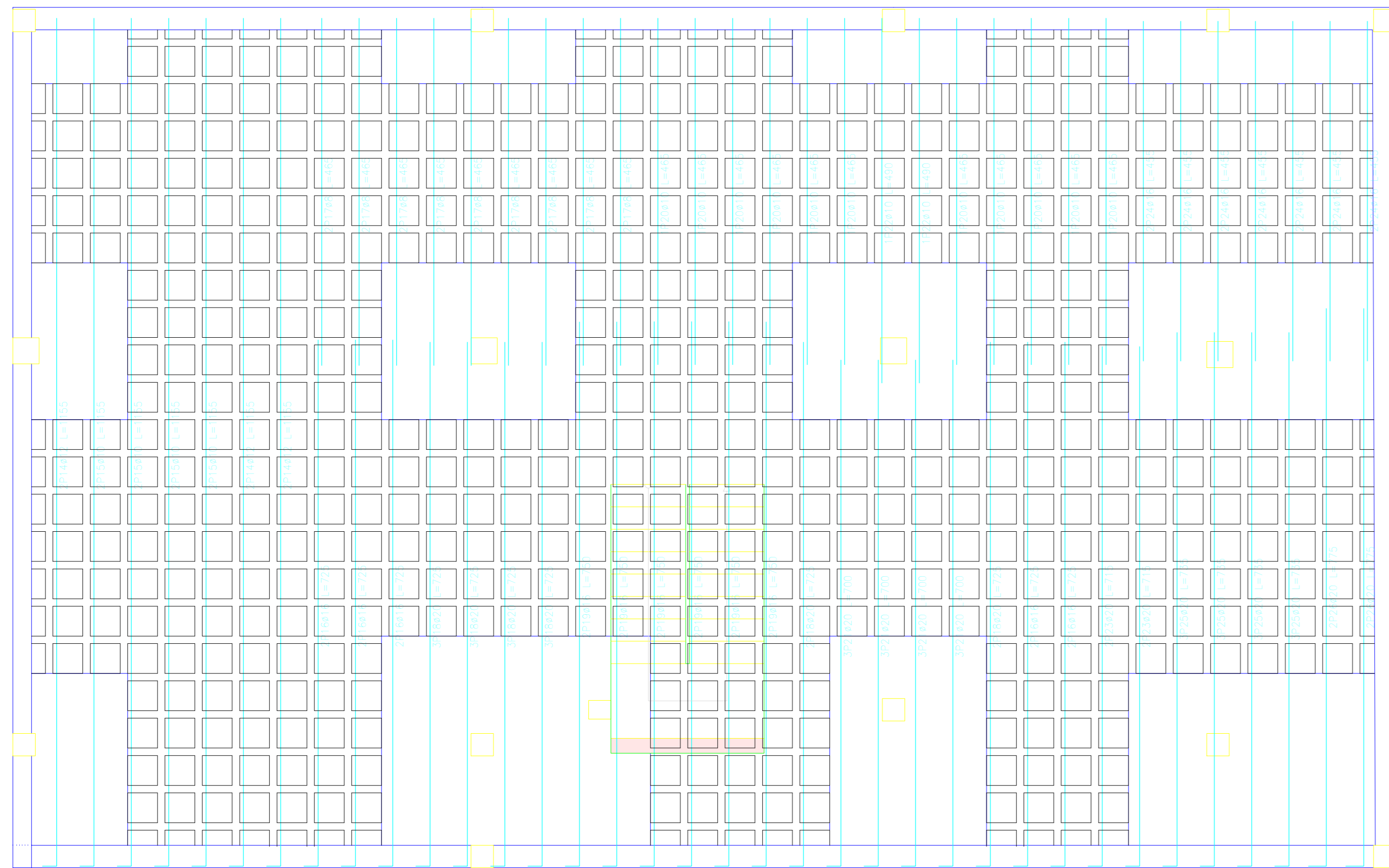
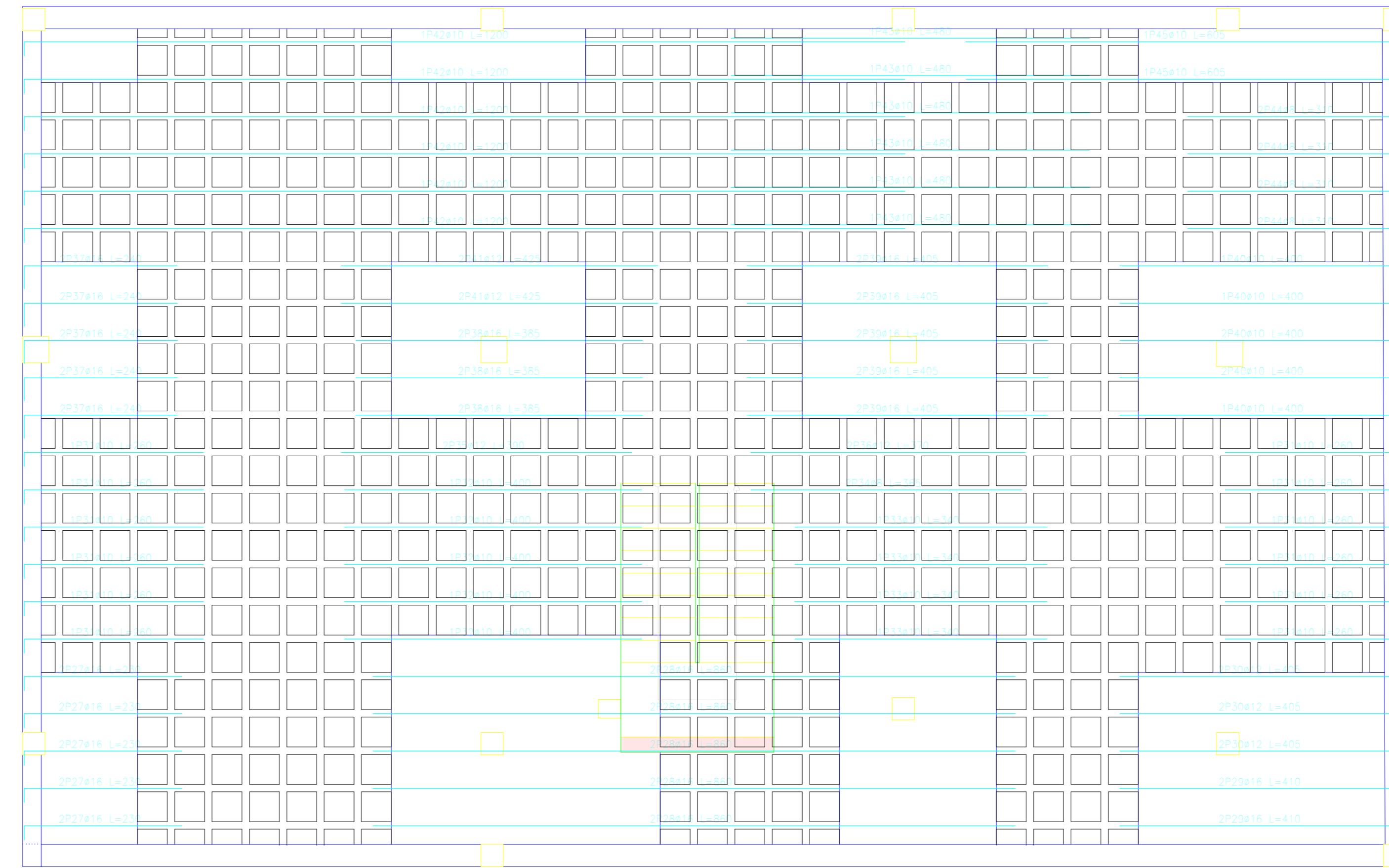
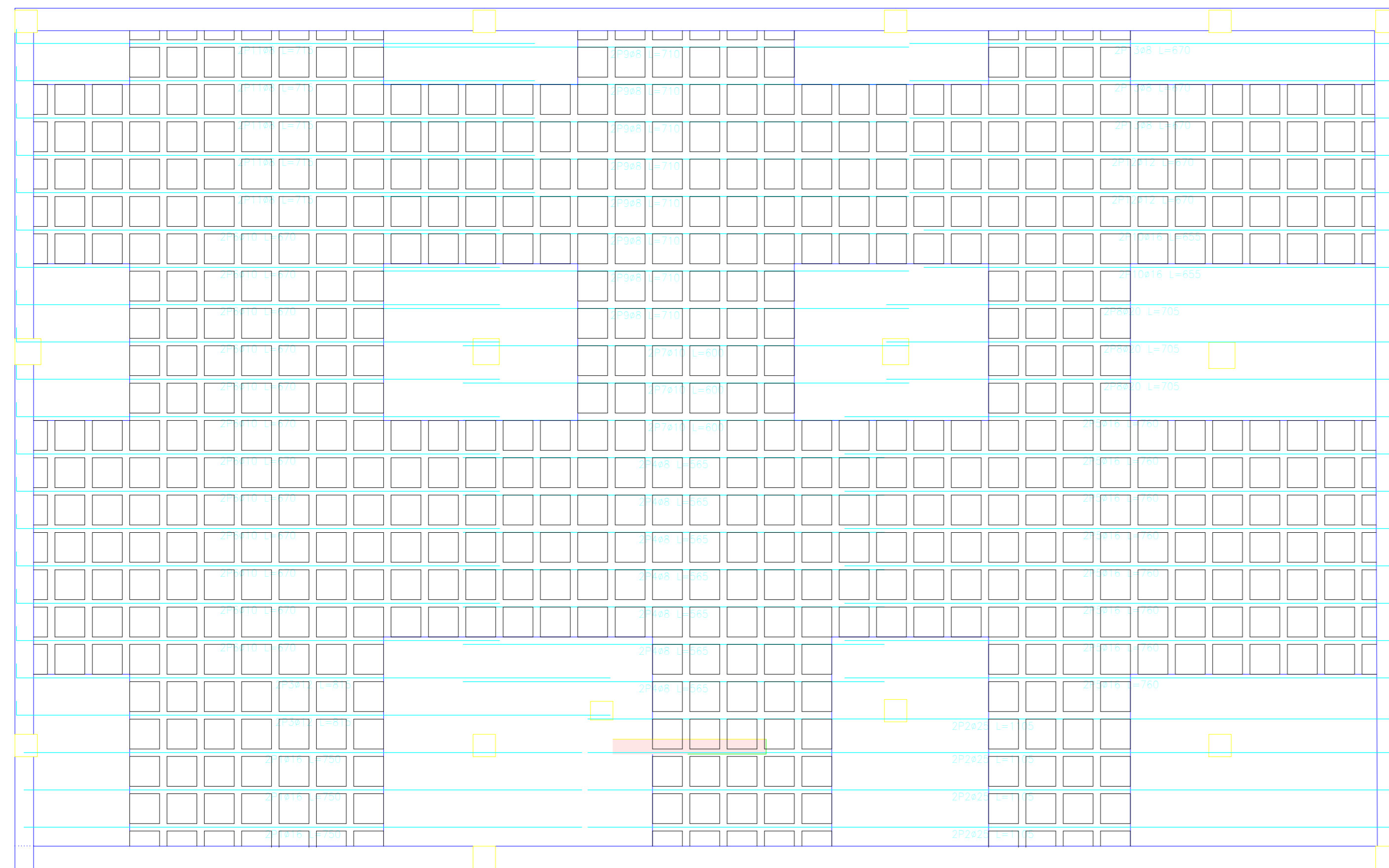


Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
M1	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
M2	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

Elemento	Piso	Dibuj	No.	Long. (cm)	Total (cm)	Vol. (m³)	Peso (kg)
M3	1	1	1	210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000
				210	100	0.000	0.000

LOSAS RETICULARES DE PLANTA BAJA



Elemento	Proc.	Dist.	No.	Long. (m)	Peso (kg)	Total (kg)
Armadura longitudinal inferior	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000
	#18	10	10	1000	1000	1000
	#20	10	10	1000	1000	1000
	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000
Armadura longitudinal superior	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000
	#18	10	10	1000	1000	1000
	#20	10	10	1000	1000	1000
	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000
Armadura transversal inferior	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000
	#18	10	10	1000	1000	1000
	#20	10	10	1000	1000	1000
	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000
Armadura transversal superior	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000
	#18	10	10	1000	1000	1000
	#20	10	10	1000	1000	1000
	#10	10	10	1000	1000	1000
	#12	10	10	1000	1000	1000
	#14	10	10	1000	1000	1000
	#16	10	10	1000	1000	1000

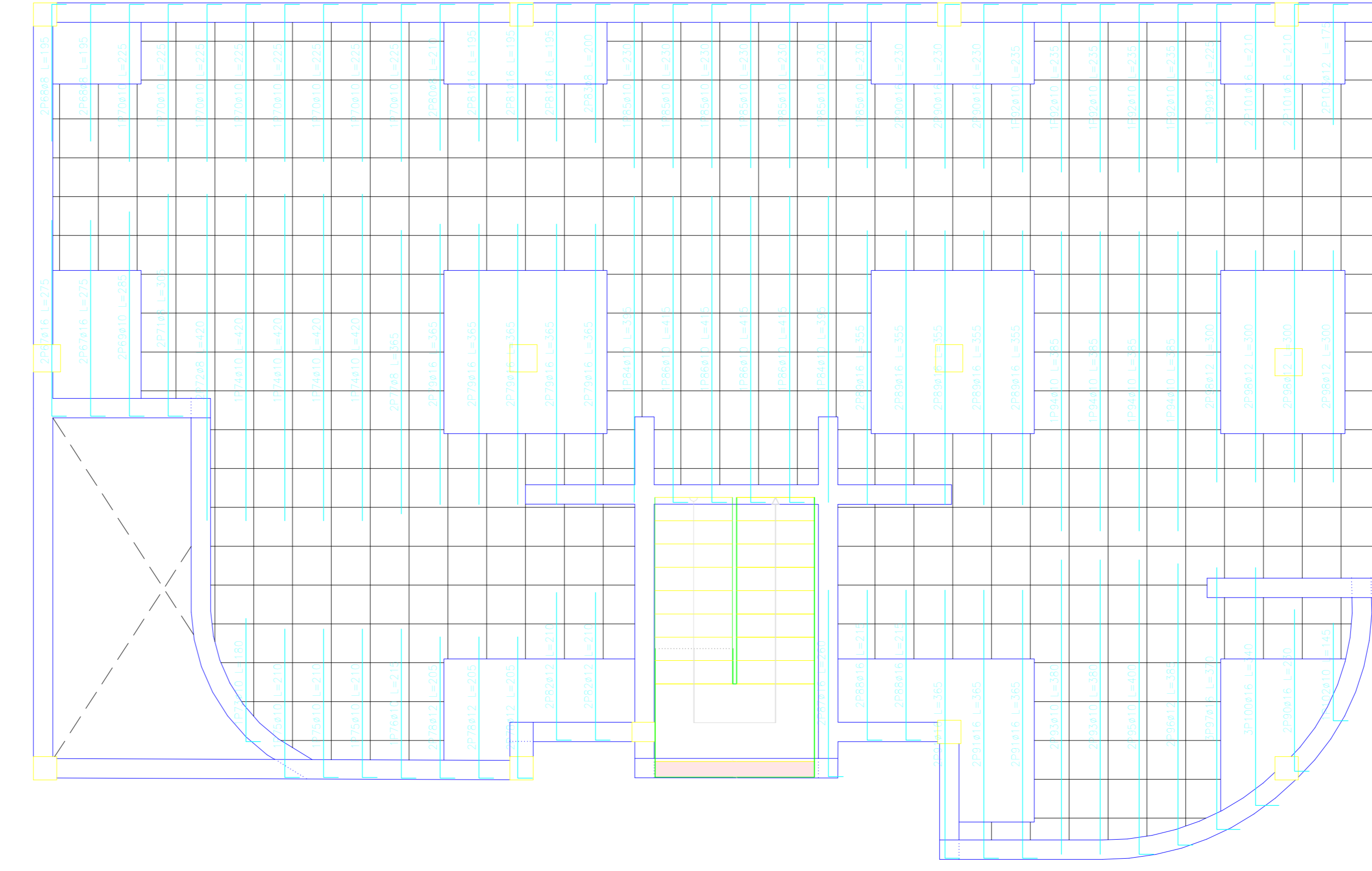
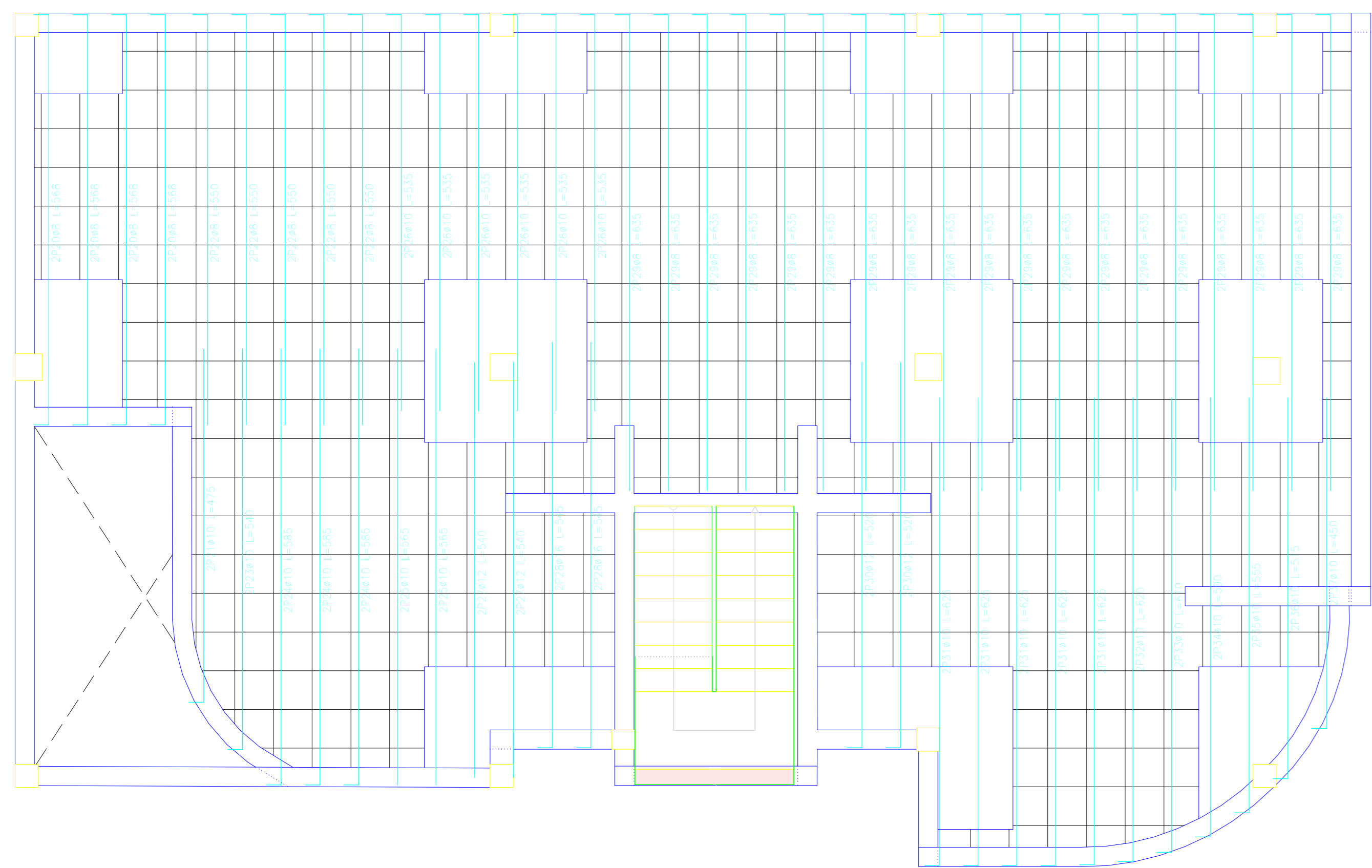
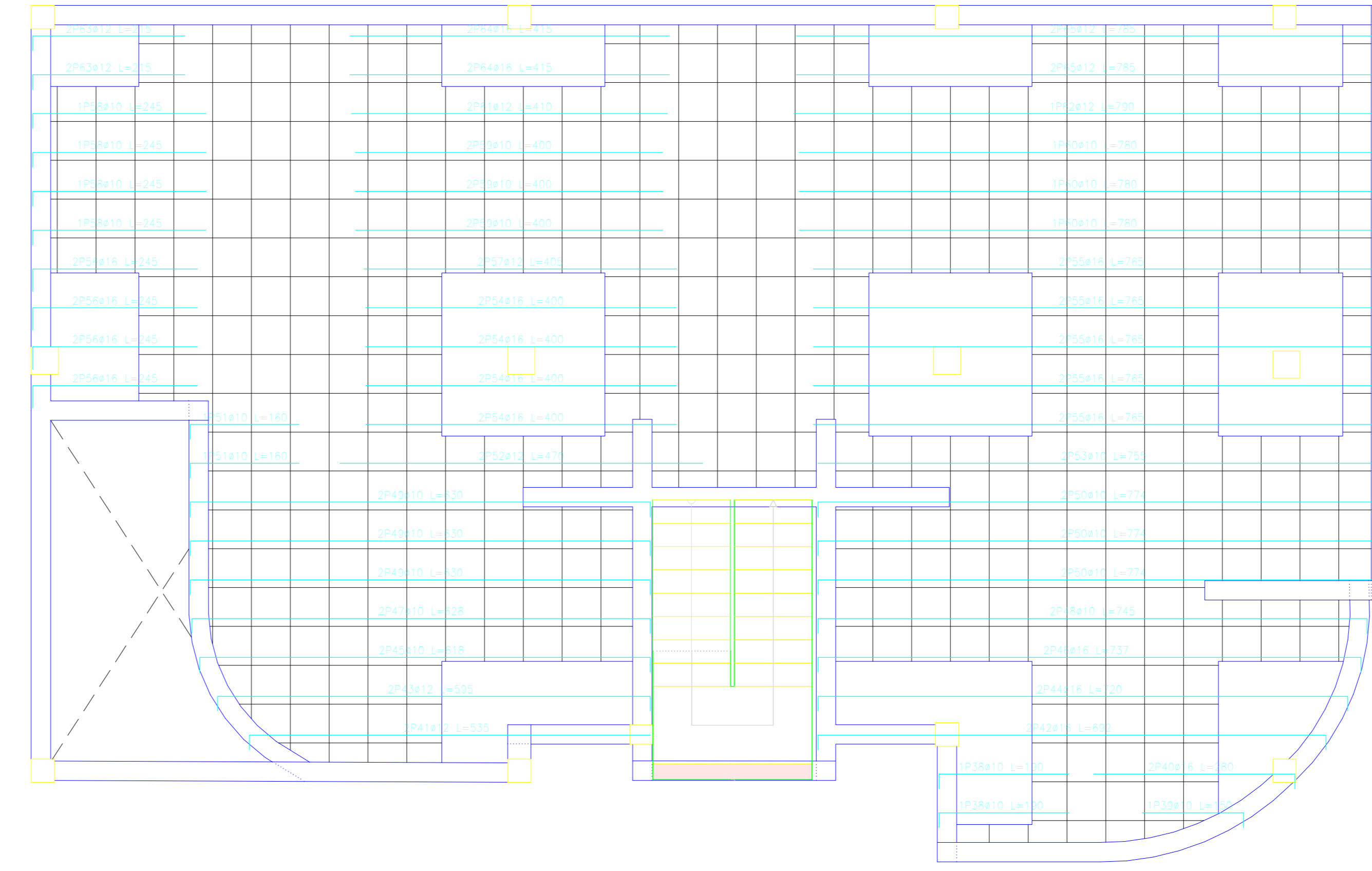
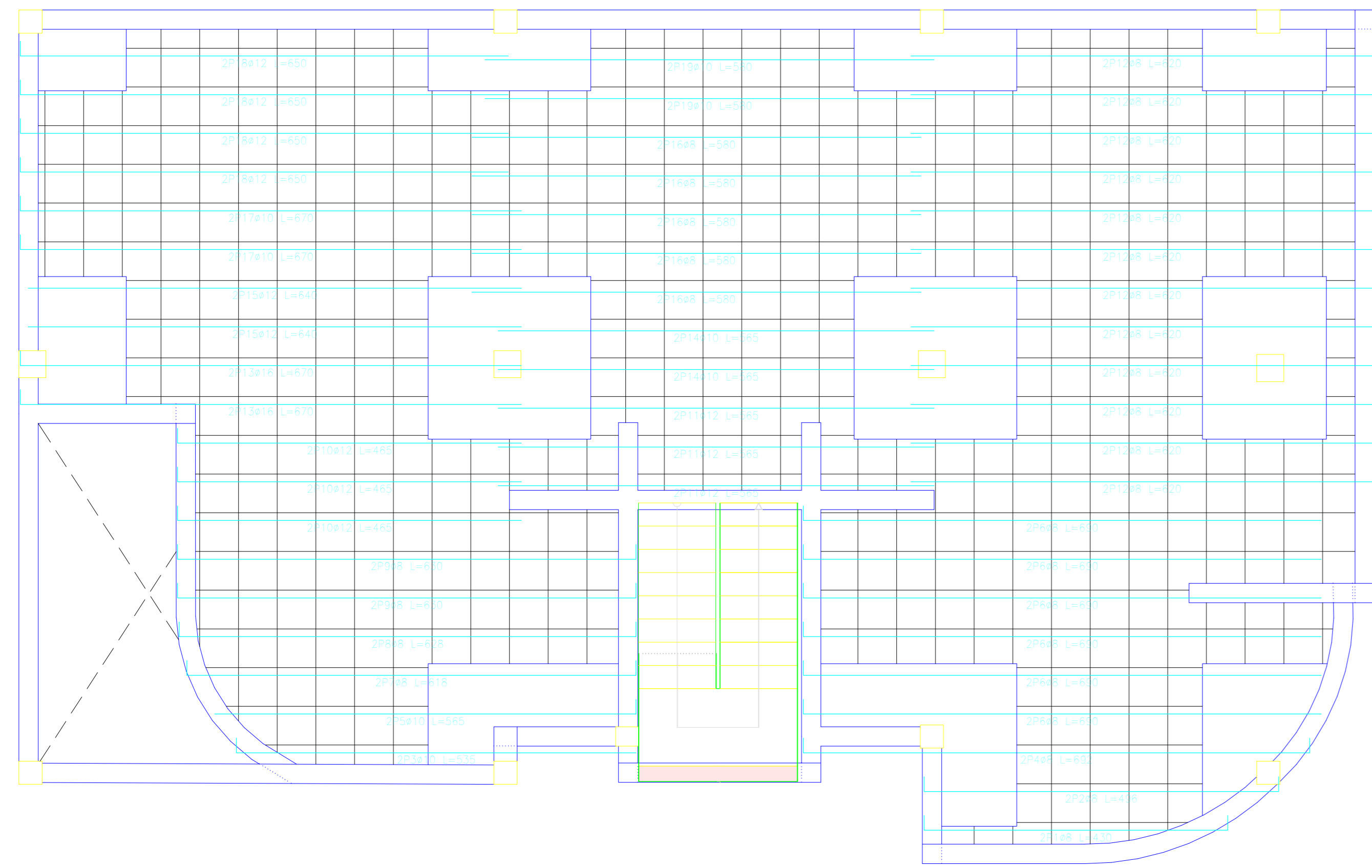
Resumen Acero planta baja	Long. total (m)	Peso 100% (kg)	Total
Armadura longitudinal inferior			
#10	153.4	104	
#12	69.3	68	
#16	226.2	335	
#20	347.8	364	1048

Resumen Acero planta baja	Long. total (m)	Peso 100% (kg)	Total
Armadura transversal superior			
#10	92.0	42	
#12	248.0	144	
#16	184.2	120	
#20	143.8	100	1014

Resumen Acero planta baja	Long. total (m)	Peso 100% (kg)	Total
Armadura longitudinal superior			
#10	32.1	14	
#12	205.7	145	
#16	56.5	55	
#20	213.0	170	579

Resumen Acero planta baja	Long. total (m)	Peso 100% (kg)	Total
Armadura transversal inferior			
#10	304.4	132	
#12	196.8	131	
#16	59.4	58	
#18	102.8	335	
#20	42.1	115	1148

LOSAS RETICULARES DEL PRIMER PISO



Elemento	Vol	Superf	Long	Peso	Peso x 1000
Armadura longitudinal inferior					
#8	1.12	1.12	1.12	1.12	1.12
#10	1.12	1.12	1.12	1.12	1.12
#12	1.12	1.12	1.12	1.12	1.12
#16	1.12	1.12	1.12	1.12	1.12
Armadura transversal inferior					
#8	1.12	1.12	1.12	1.12	1.12
#10	1.12	1.12	1.12	1.12	1.12
#12	1.12	1.12	1.12	1.12	1.12
#16	1.12	1.12	1.12	1.12	1.12
Armadura longitudinal superior					
#8	1.12	1.12	1.12	1.12	1.12
#10	1.12	1.12	1.12	1.12	1.12
#12	1.12	1.12	1.12	1.12	1.12
#16	1.12	1.12	1.12	1.12	1.12
Armadura transversal superior					
#8	1.12	1.12	1.12	1.12	1.12
#10	1.12	1.12	1.12	1.12	1.12
#12	1.12	1.12	1.12	1.12	1.12
#16	1.12	1.12	1.12	1.12	1.12

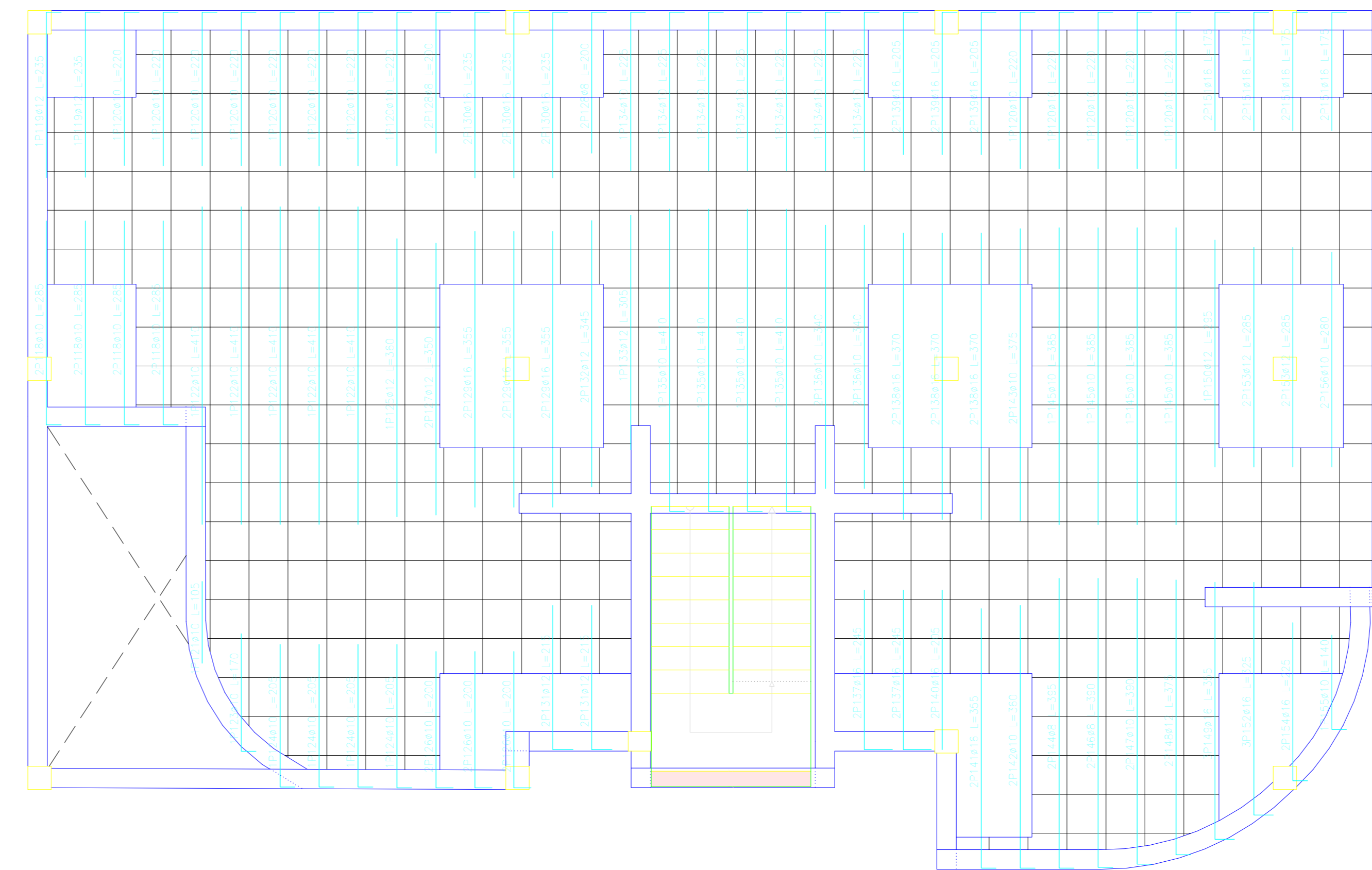
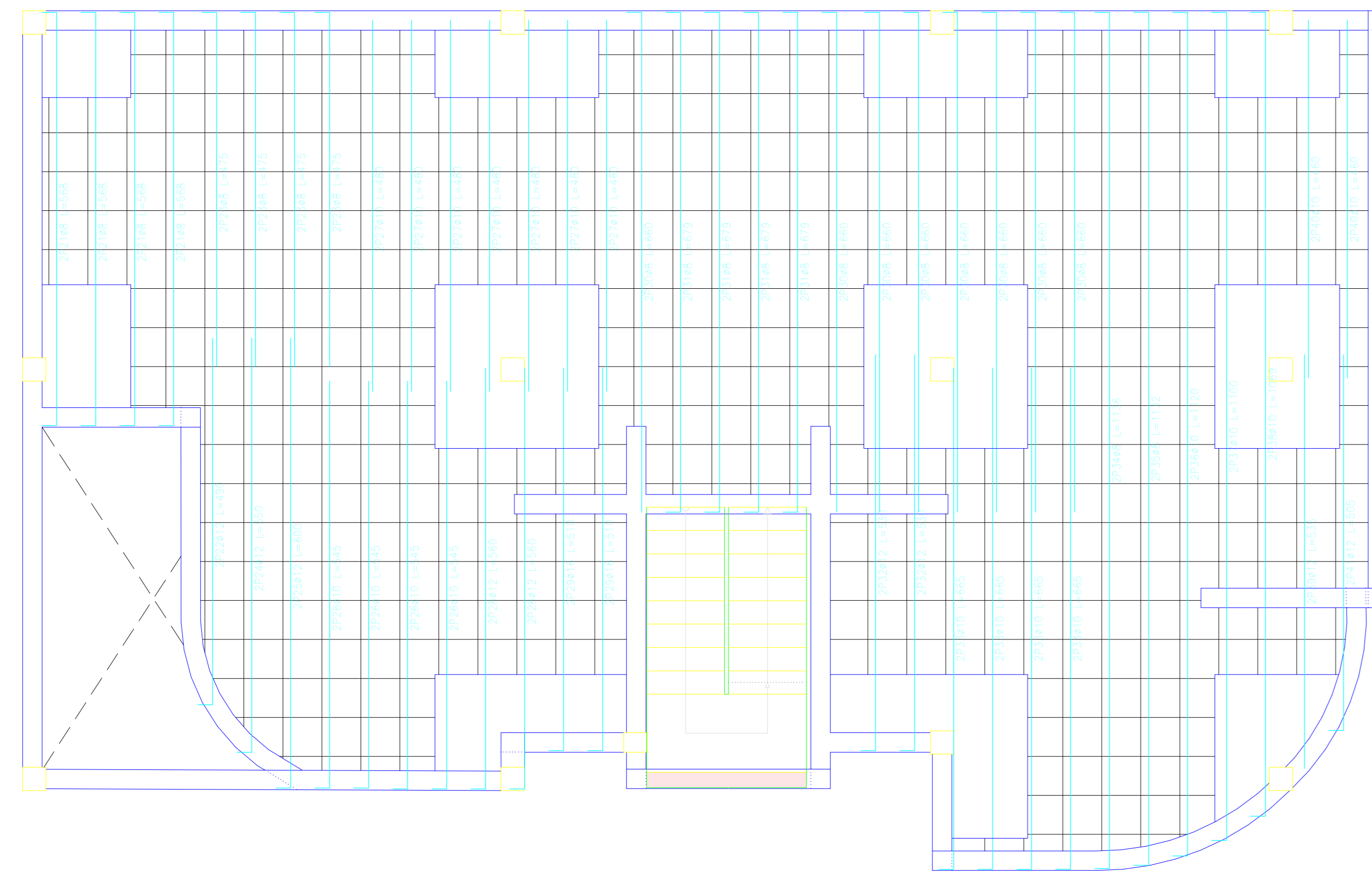
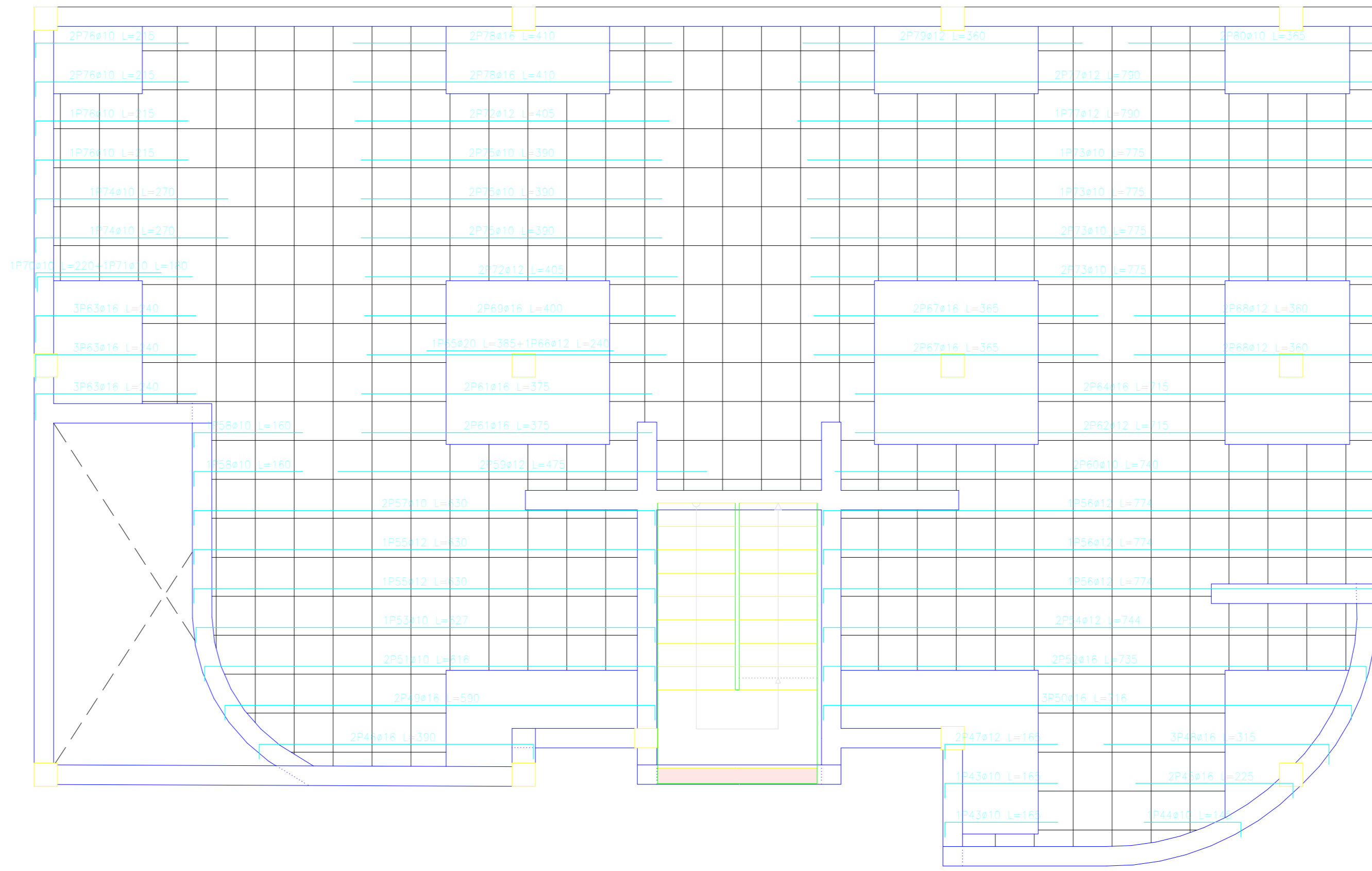
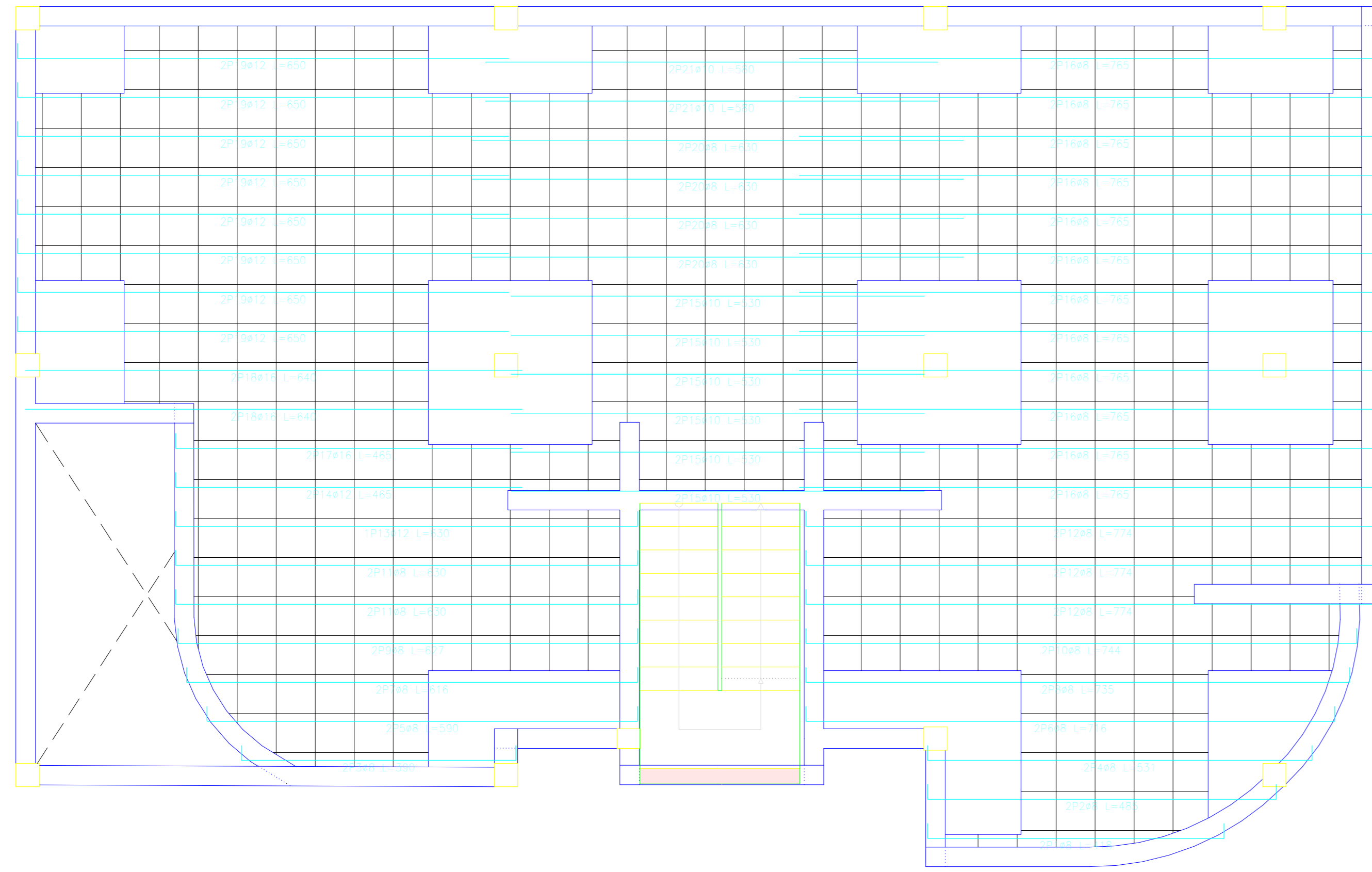
Resumen Acero primer piso	Long. total (m)	Peso x 1000 (kg)	Total
Armadura transversal inferior			
#8	341.7	148	
#10	271.5	184	
#12	42.4	41	
#16	21.8	38	411

Resumen Acero primer piso	Long. total (m)	Peso x 1000 (kg)	Total
Armadura longitudinal inferior			
#8	372.1	162	
#10	16.8	44	
#12	133.4	136	
#16	28.8	47	409

Resumen Acero primer piso	Long. total (m)	Peso x 1000 (kg)	Total
Armadura longitudinal superior			
#8	204.9	139	
#10	98.2	96	
#16	151.3	136	371

Resumen Acero primer piso	Long. total (m)	Peso x 1000 (kg)	Total
Armadura transversal superior			
#8	37.8	16	
#10	143.2	97	
#12	58.2	57	
#16	178.5	110	280

LOSAS RETICULARES DEL SEGUNDO PISO



Elemento	Vol. (m³)	Peso (kg)	Vol. (m³)	Peso (kg)	Vol. (m³)	Peso (kg)
Losas	1000.00	1000000.00	1000.00	1000000.00	1000.00	1000000.00
Columnas	100.00	100000.00	100.00	100000.00	100.00	100000.00
Beams	200.00	200000.00	200.00	200000.00	200.00	200000.00
Escaleras	50.00	50000.00	50.00	50000.00	50.00	50000.00
Suministros	10.00	10000.00	10.00	10000.00	10.00	10000.00
Total	1360.00	1360000.00	1360.00	1360000.00	1360.00	1360000.00

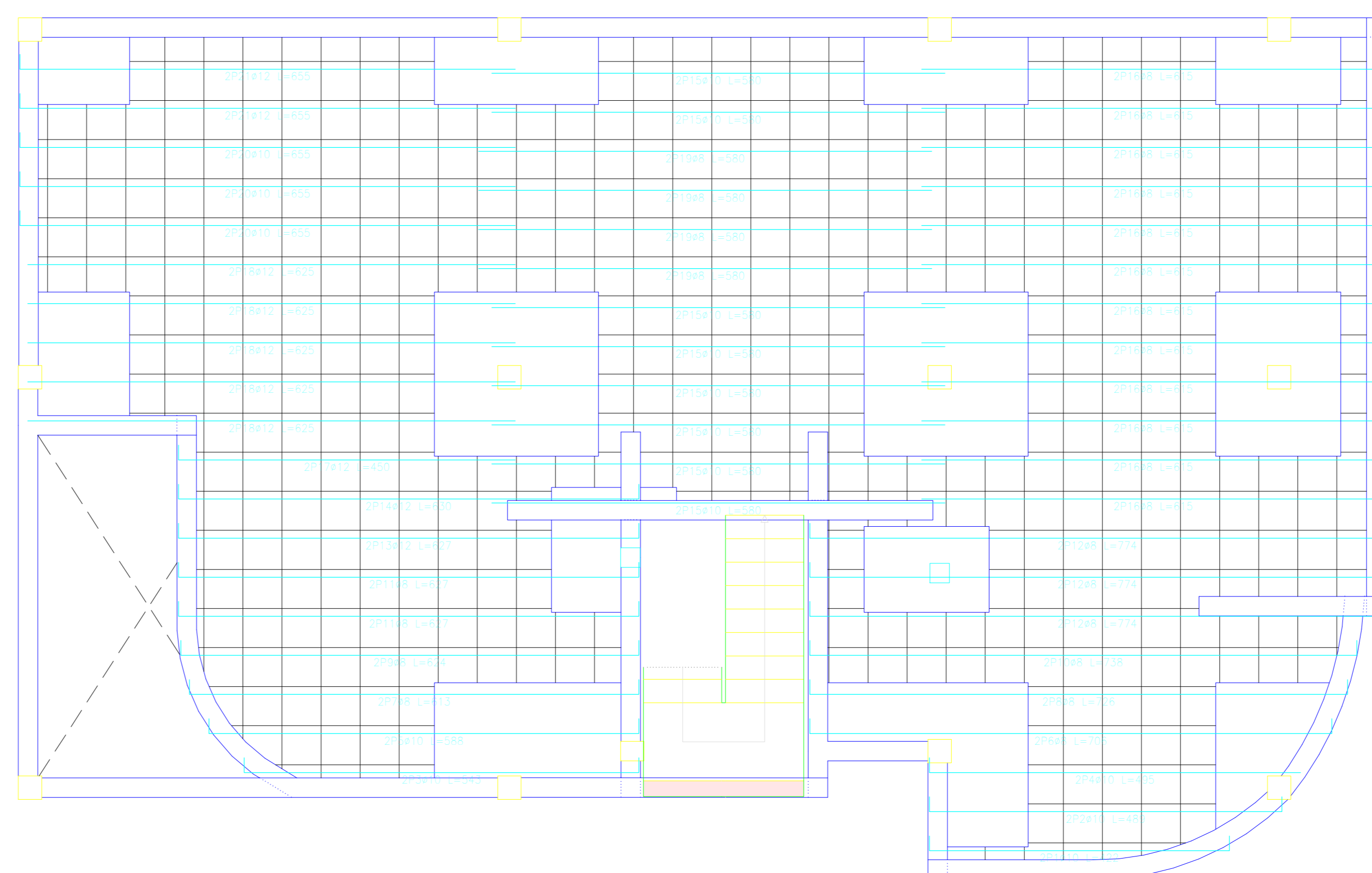
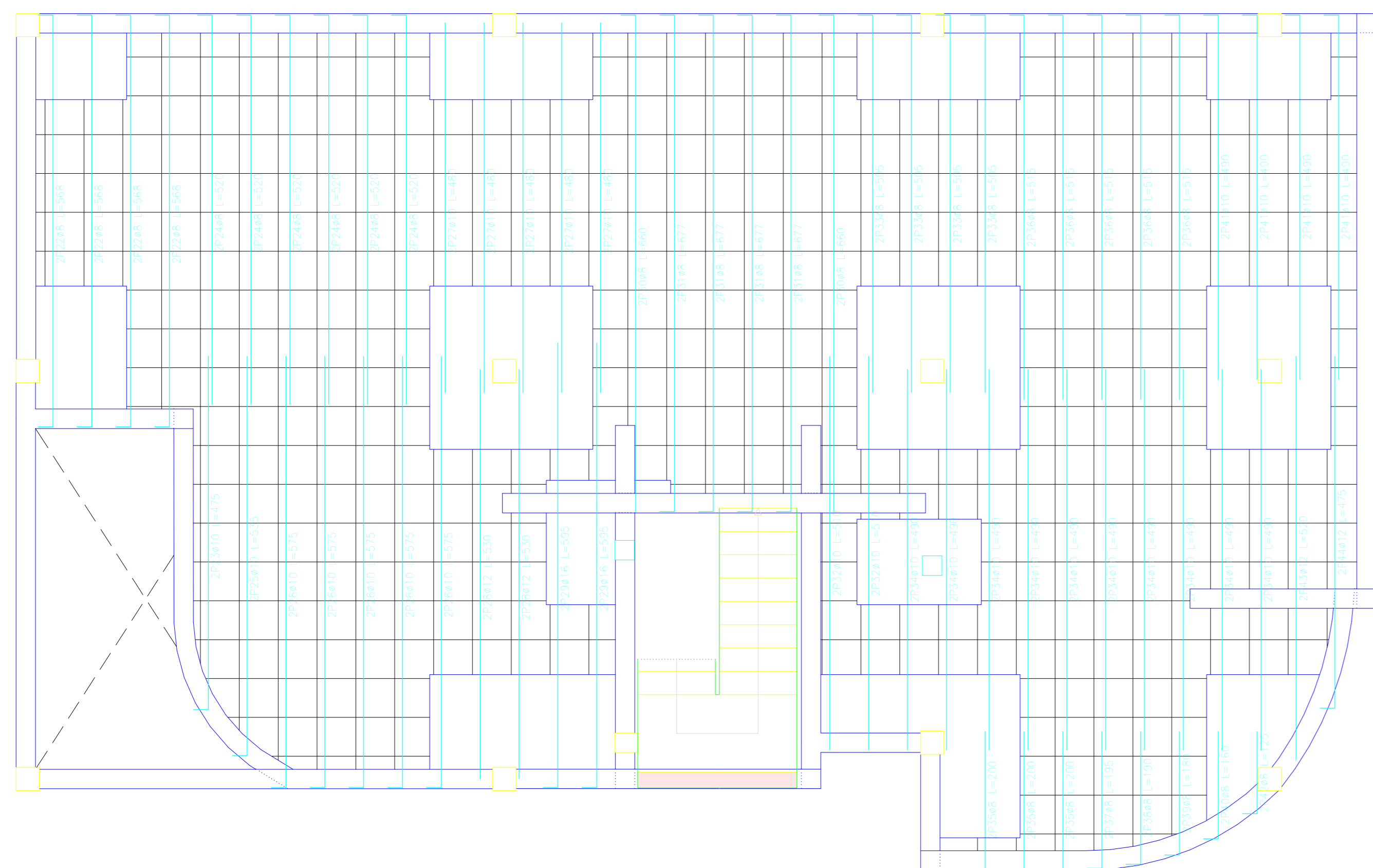
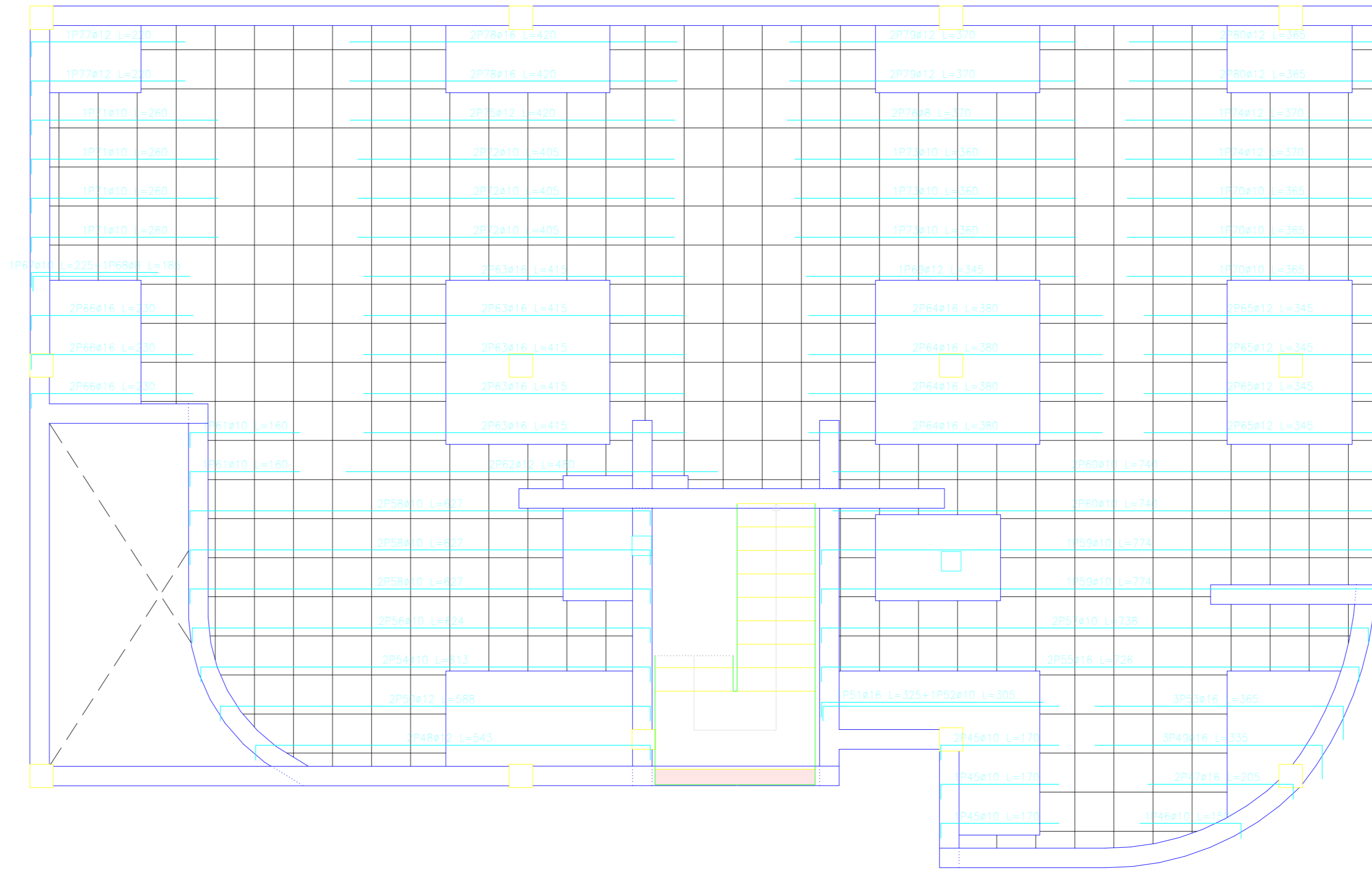
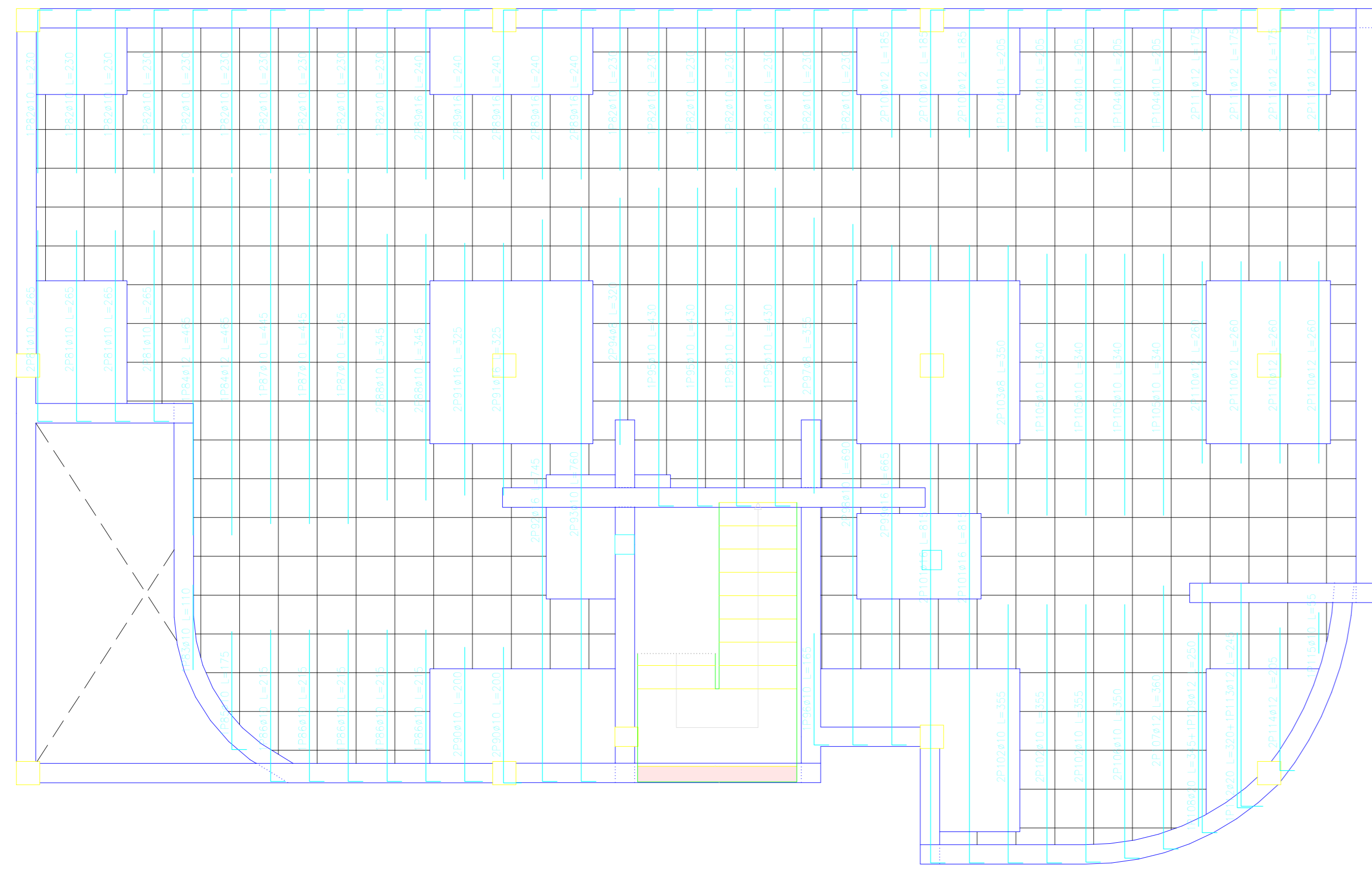
Resumen Acero segundo piso Armadura longitudinal inferior	Long. total (m)	Peso+10% (kg)	Total
#8	422.7	183	
#10	86.8	59	
#12	119.6	117	
#16	34.3	61	420

Resumen Acero segundo piso Armadura transversal inferior	Long. total (m)	Peso+10% (kg)	Total
#8	388.3	125	
#10	348.2	168	
#12	97.3	95	
#16	20.4	35	423

Resumen Acero segundo piso Armadura transversal superior	Long. total (m)	Peso+10% (kg)	Total
#8	25.7	10	
#10	182.6	126	
#12	52.7	54	
#16	119.8	225	415

Resumen Acero segundo piso Armadura longitudinal superior	Long. total (m)	Peso+10% (kg)	Total
#8	153.4	104	
#12	141.7	138	
#16	159.6	277	
#20	3.9	10	529

LOSAS RETICULARES DEL TERCER PISO



Elemento	Pos.	Dim.	Long (cm)	Peso (kg)	Vol (m ³)	Costo (S/)
Armadura longitudinal superior						
Armadura longitudinal inferior						
Armadura transversal superior						
Armadura transversal inferior						
Total						

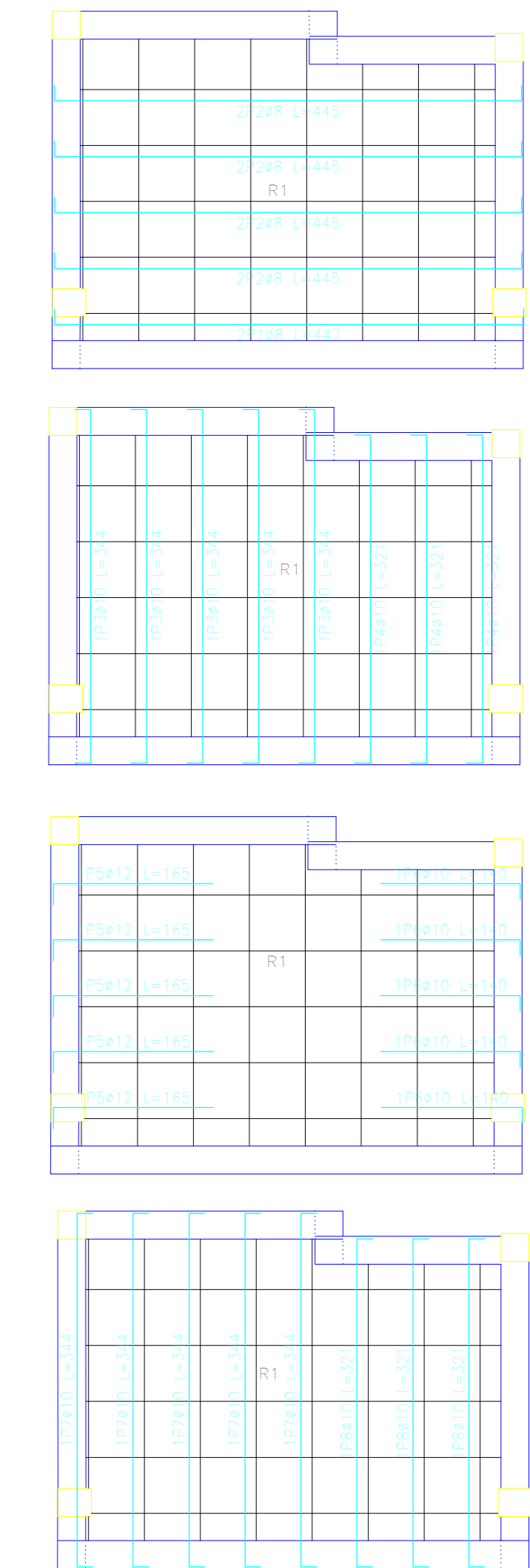
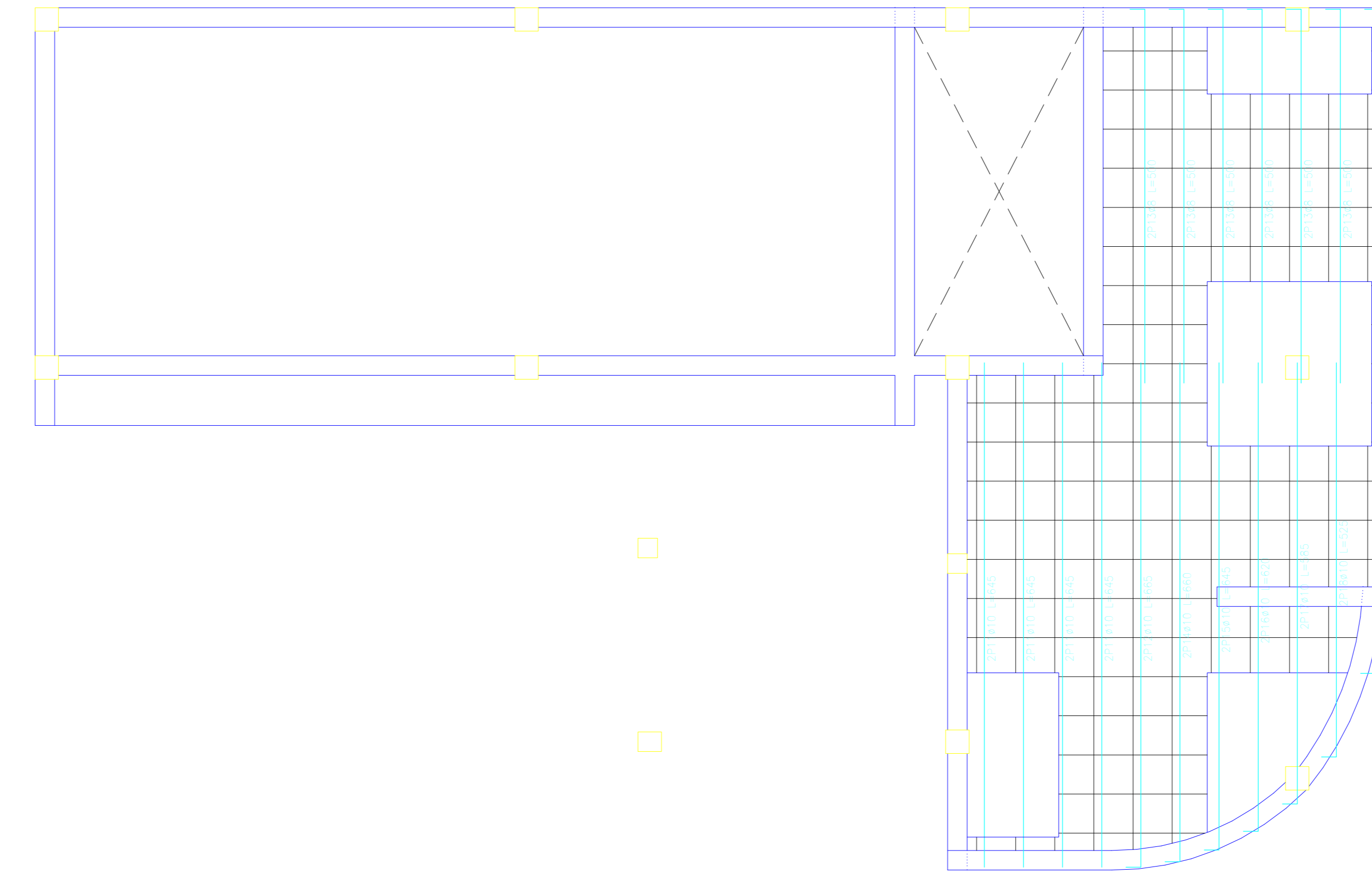
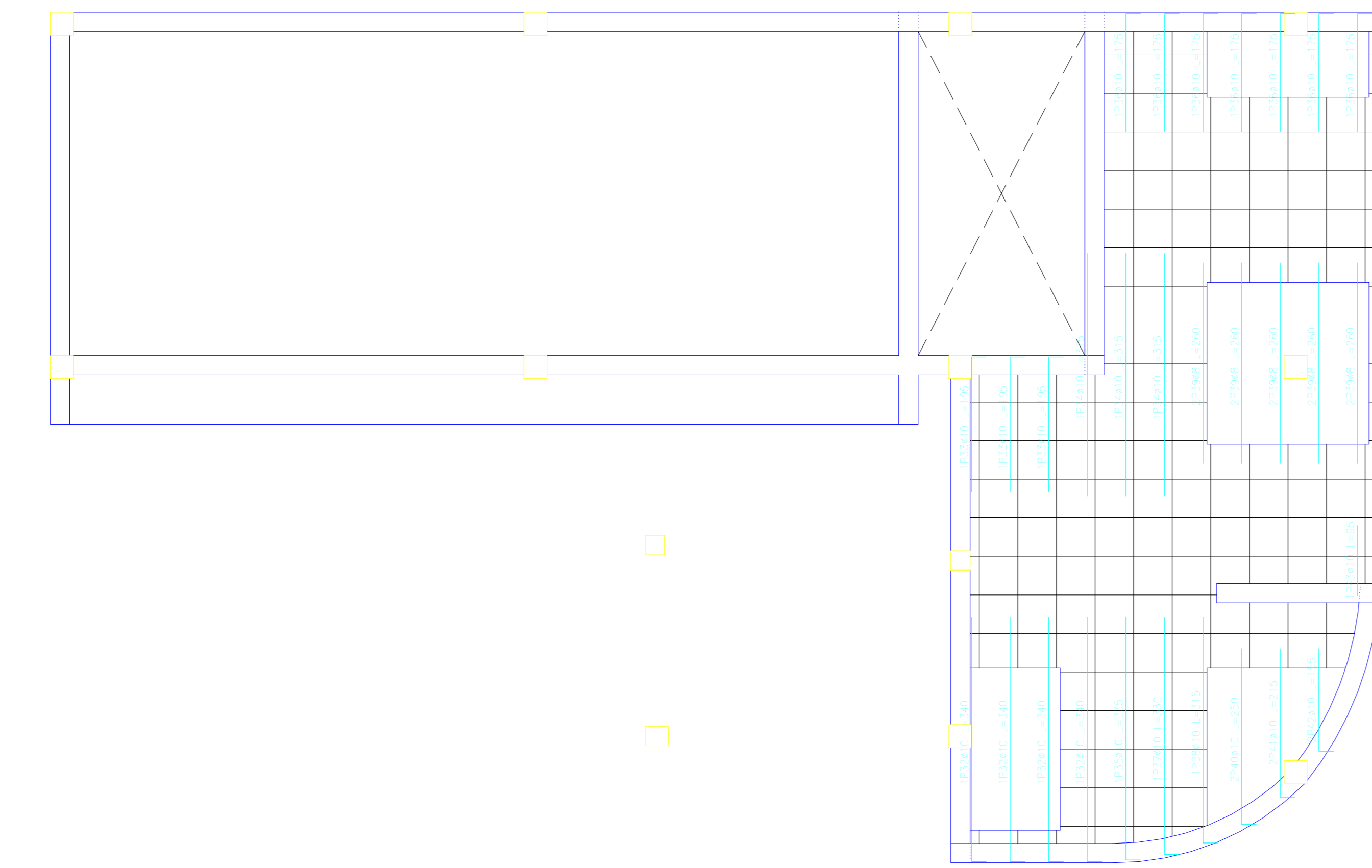
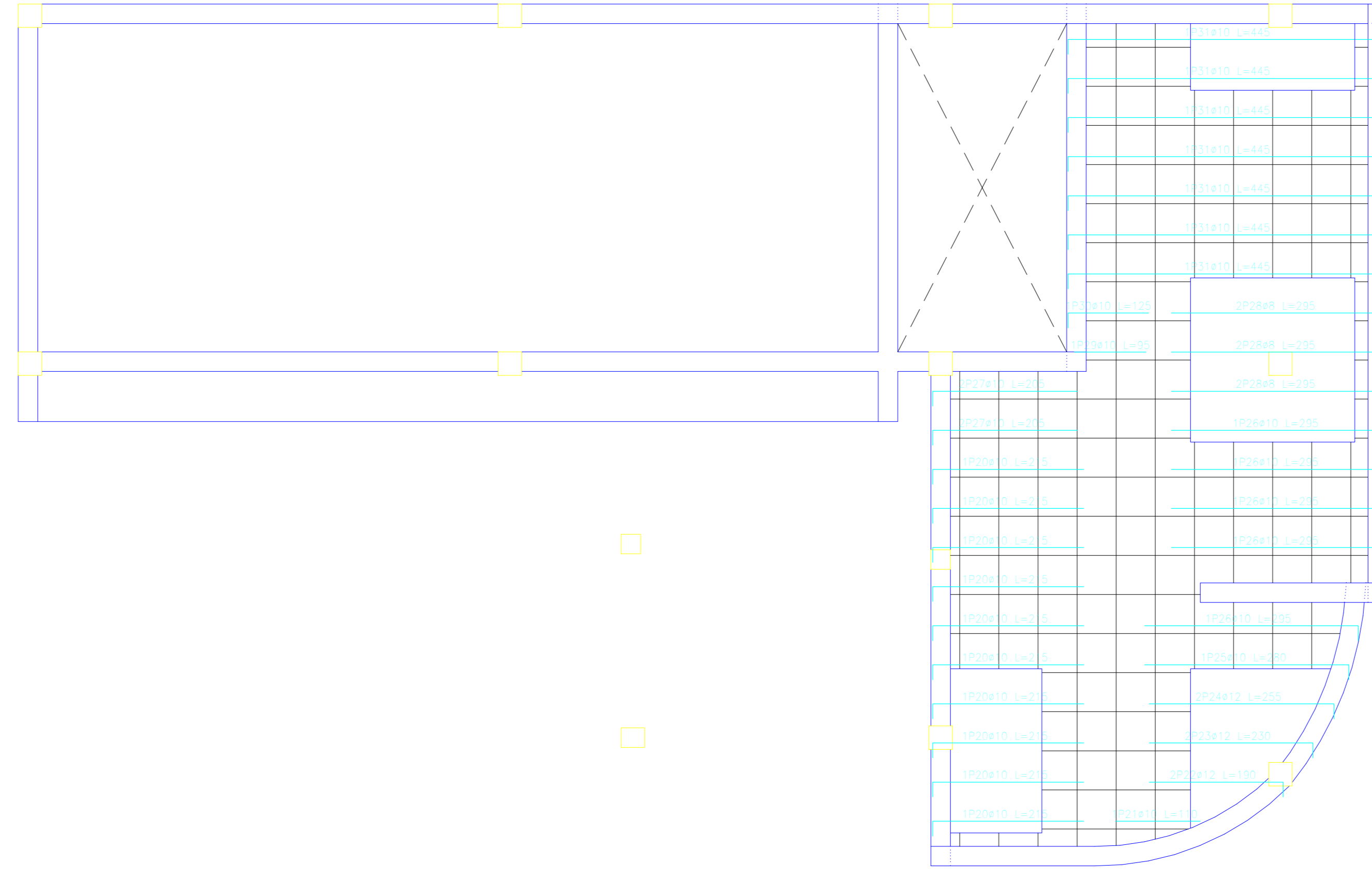
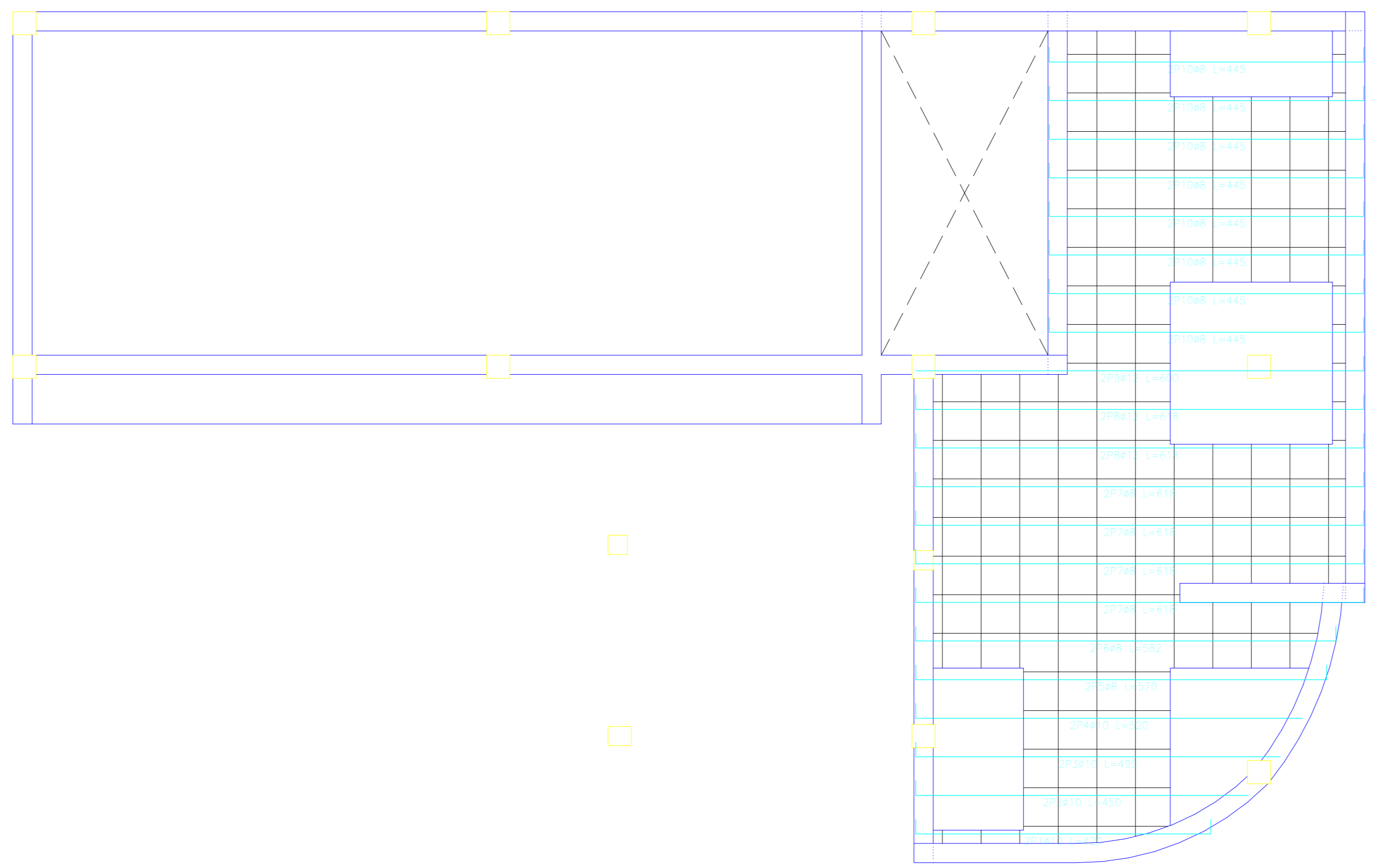
Resumen Acero tercer piso	Long. total (m)	Peso + 10% (kg)	Total
Armadura longitudinal superior	9.3	4	
Armadura longitudinal inferior	195.5	133	
Armadura transversal superior	112.5	110	
Armadura transversal inferior	145.4	232	479

Resumen Acero tercer piso	Long. total (m)	Peso + 10% (kg)	Total
Armadura longitudinal superior	25.5	9	
Armadura longitudinal inferior	205.6	142	
Armadura transversal superior	71.5	70	
Armadura transversal inferior	97.6	170	
Total	400.2	381	400

Resumen Acero tercer piso	Long. total (m)	Peso + 10% (kg)	Total
Armadura longitudinal superior	33.7	145	
Armadura longitudinal inferior	182.8	124	
Armadura transversal superior	122.8	120	389

Resumen Acero tercer piso	Long. total (m)	Peso + 10% (kg)	Total
Armadura transversal superior	370.3	134	
Armadura transversal inferior	283.3	192	
Armadura longitudinal superior	41.1	45	
Armadura longitudinal inferior	23.8	41	400

LOSAS RETICULARES DE LA CUBIERTA



Resumen Acero cubierta	Long. total (m)	Peso+10% (kg)	Total
Armadura longitudinal superior AH-500CN	#8 17,7 #10 81,7 #12 13,5	9 55 13	76

Resumen Acero cubierta	Long. total (m)	Peso+10% (kg)	Total
Armadura transversal inferior AH-500CN	#8 36,0 #10 138,0	30 91	121

Resumen Acero cubierta	Long. total (m)	Peso+10% (kg)	Total
Armadura transversal superior AH-500CN	#8 26,0 #10 64,3	11 44	55

Resumen Acero cubierta	Long. total (m)	Peso+10% (kg)	Total
Armadura longitudinal inferior AH-500CN	#8 143,7 #10 37,7 #12 36,7	62 26 36	124

Elemento	Pos.	Nivel	No.	Long. (cm)	Peso (kg)	AH-500CN (kg)
Armadura longitudinal superior	1	0,00	1	1770	9,00	9,00
Armadura transversal inferior	1	0,00	1	3600	30,00	30,00
Armadura transversal superior	1	0,00	1	2600	11,00	11,00
Armadura longitudinal inferior	1	0,00	1	14370	62,00	62,00

Elemento	Pos.	Nivel	No.	Long. (cm)	Peso (kg)	AH-500CN (kg)
Armadura longitudinal superior	1	0,00	1	1770	9,00	9,00
Armadura transversal inferior	1	0,00	1	3600	30,00	30,00
Armadura transversal superior	1	0,00	1	2600	11,00	11,00
Armadura longitudinal inferior	1	0,00	1	14370	62,00	62,00

Resumen Acero Farpado 7	Long. total (m)	Peso+10% (kg)
Armadura transversal superior AH-500CN	#10 26,6	18

Resumen Acero Farpado 7	Long. total (m)	Peso+10% (kg)
Armadura longitudinal inferior AH-500CN	#8 44,3	19

Resumen Acero Farpado 7	Long. total (m)	Peso+10% (kg)
Armadura transversal inferior AH-500CN	#10 26,6	18

Resumen Acero Farpado 7	Long. total (m)	Peso+10% (kg)	Total
Armadura longitudinal superior AH-500CN	#10 7,0 #12 8,3	5 9	13