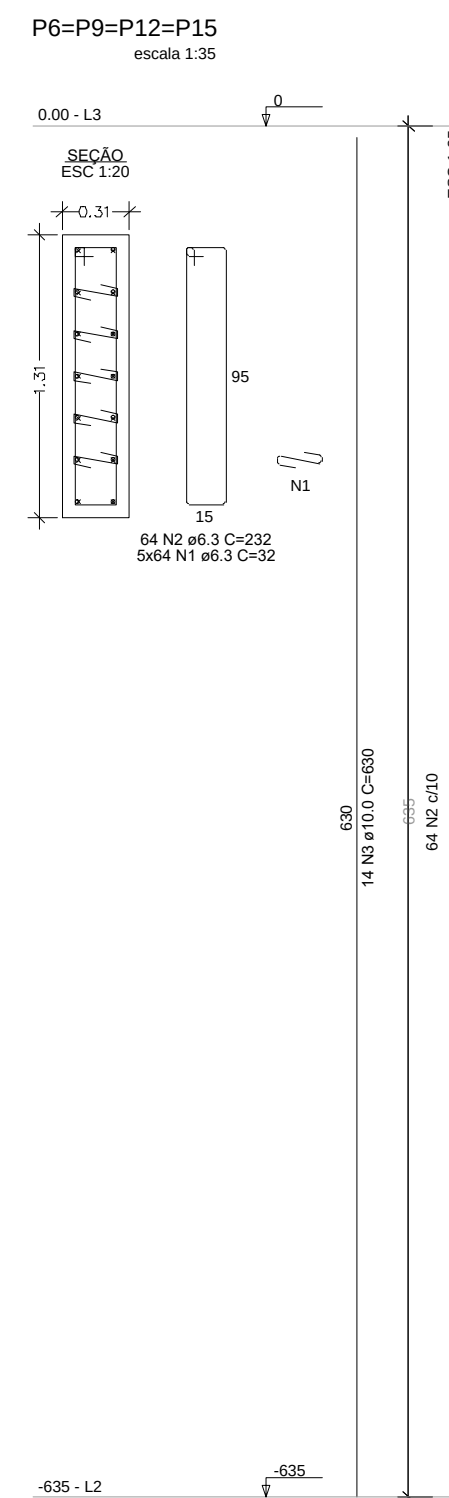
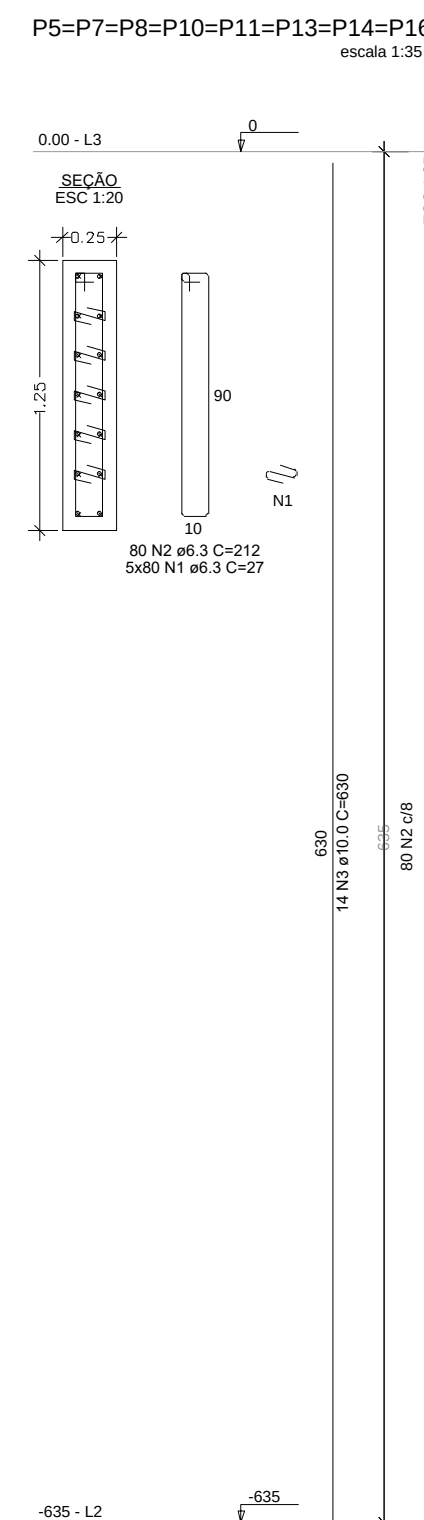
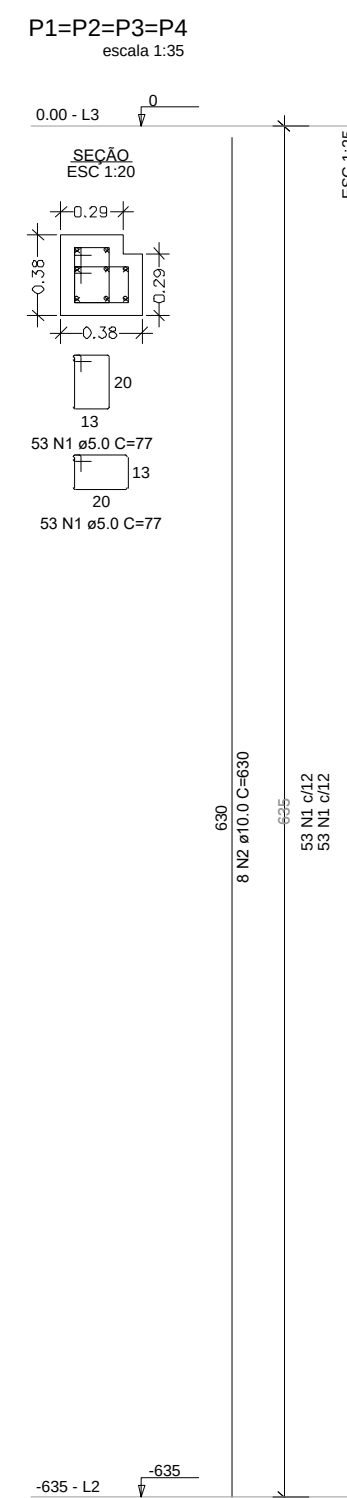




RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
4xP1	CA50	1	5.0	424	77	32648
	CA50	2	10.0	32	630	20160
8xP5	CA50	1	6.3	3200	27	86400
	CA50	2	6.3	6400	212	135680
4xP6	CA50	3	10.0	112	630	70560
	CA50	1	6.3	1280	32	40960
	CA50	2	6.3	256	232	59392
	CA50	3	10.0	56	630	35280

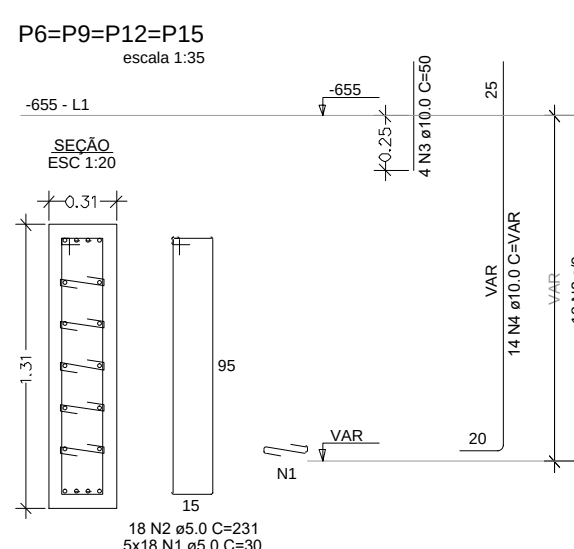
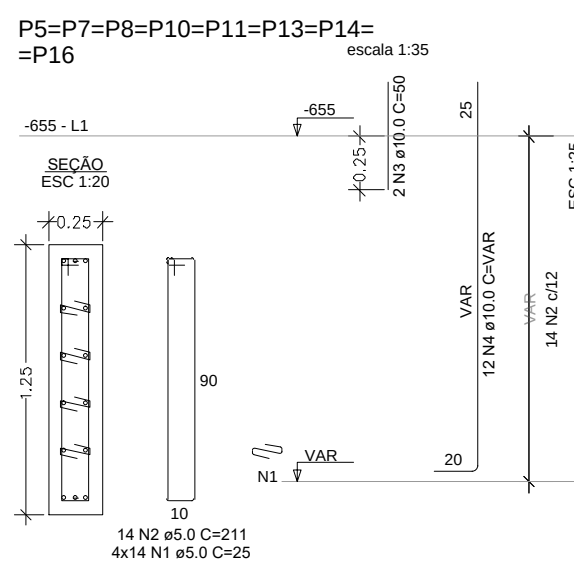
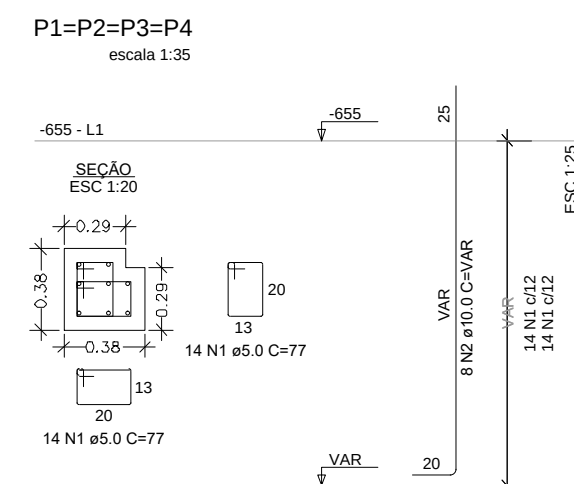
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	5.0	326.5	55.4
	6.3	3224.3	867.9
	10.0	1260	854.5

PESO TOTAL (kg)	
CA50	1777.8

Volume de concreto (C-50) = 18.99 m³

Área de forma = 218.44 m²



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
4xP1	CA50	1	5.0	112	77	8624
8xP5	CA50	2	10.0	32	VAR	VAR
	CA50	1	5.0	448	25	11200
	CA50	2	5.0	112	211	23632
4xP6	CA50	3	10.0	16	50	800
	CA50	4	10.0	96	VAR	VAR
	CA50	1	5.0	360	30	10800
	CA50	2	5.0	72	231	16632
	CA50	3	10.0	16	50	800
	CA50	4	10.0	56	VAR	VAR

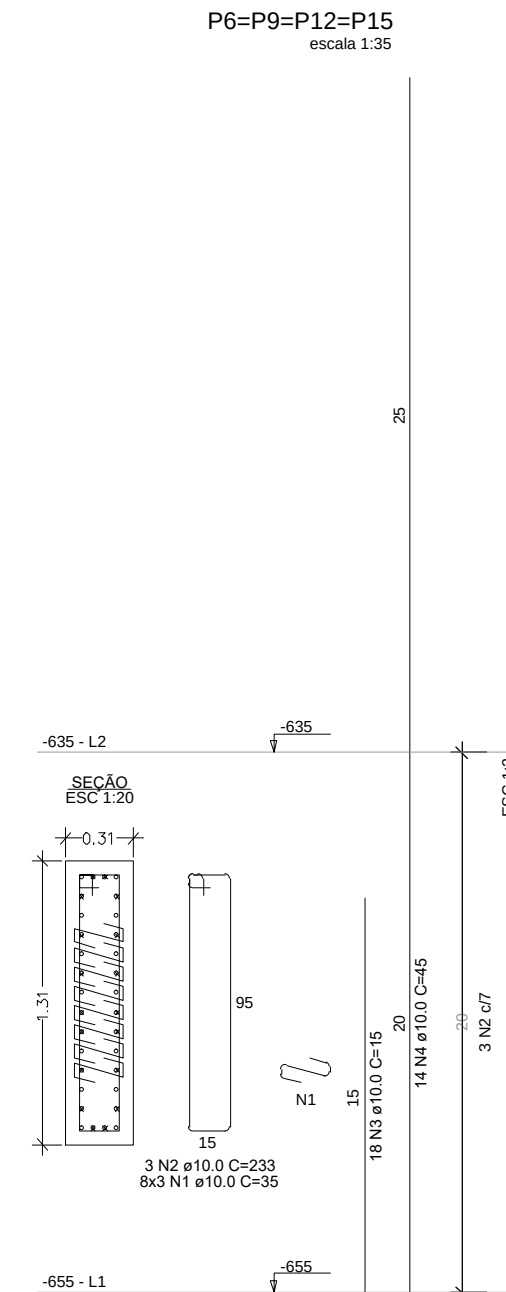
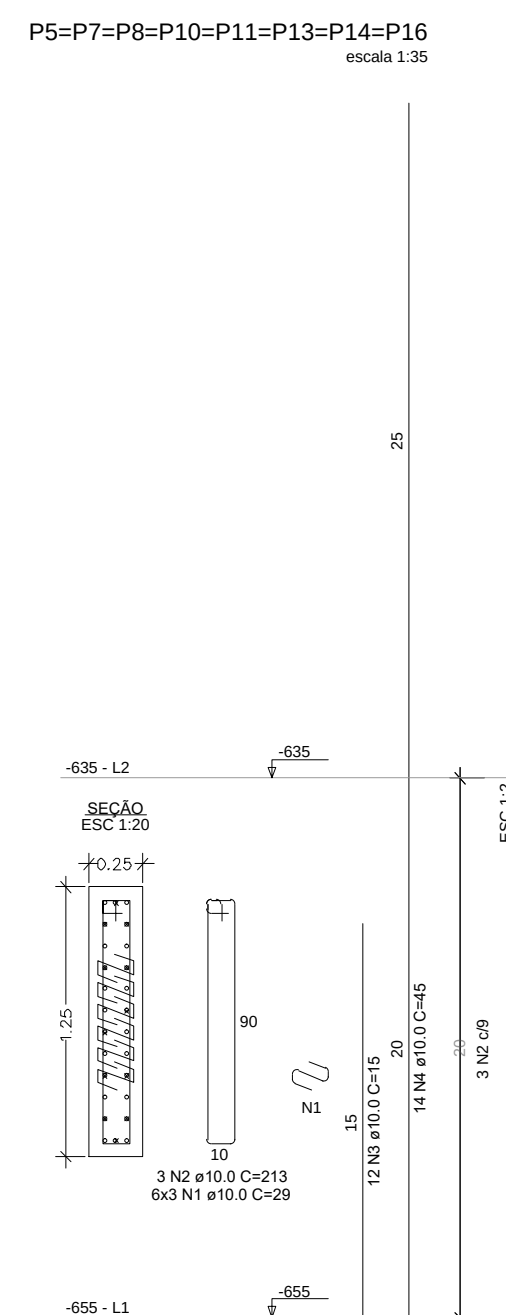
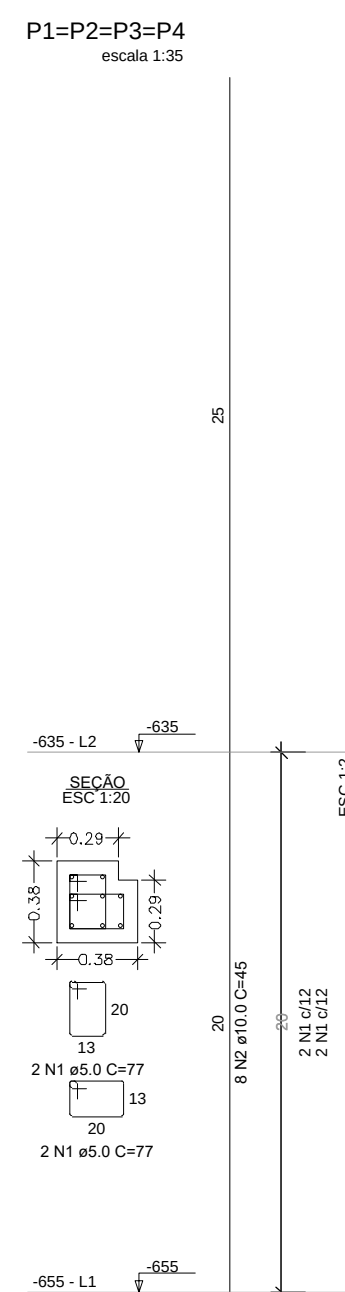
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	5.0	708.9	120.2
	10.0	380.3	257.9

PESO TOTAL (kg)	
CA50	378.1

Volume de concreto (C-50) = 4.78 m³

Área de forma = 55.04 m²



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
4xP1	CA50	1	5.0	16	77	1232
	CA50	2	10.0	45	45	1440
8xP5	CA50	1	10.0	132	29	4176
	CA50	2	10.0	24	213	5112
4xP6	CA50	3	10.0	96	15	1440
	CA50	4	10.0	112	45	5040
	CA50	1	10.0	96	35	3360
	CA50	2	10.0	12	233	2796
	CA50	3	10.0	72	15	1080
	CA50	4	10.0	56	45	2520

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	5.0	12.3	2.1
	10.0	269.6	182.9

PESO TOTAL (kg)	
CA50	185

Volume de concreto (C-50) = 0.60 m³

Área de forma = 6.88 m²

[illegible]