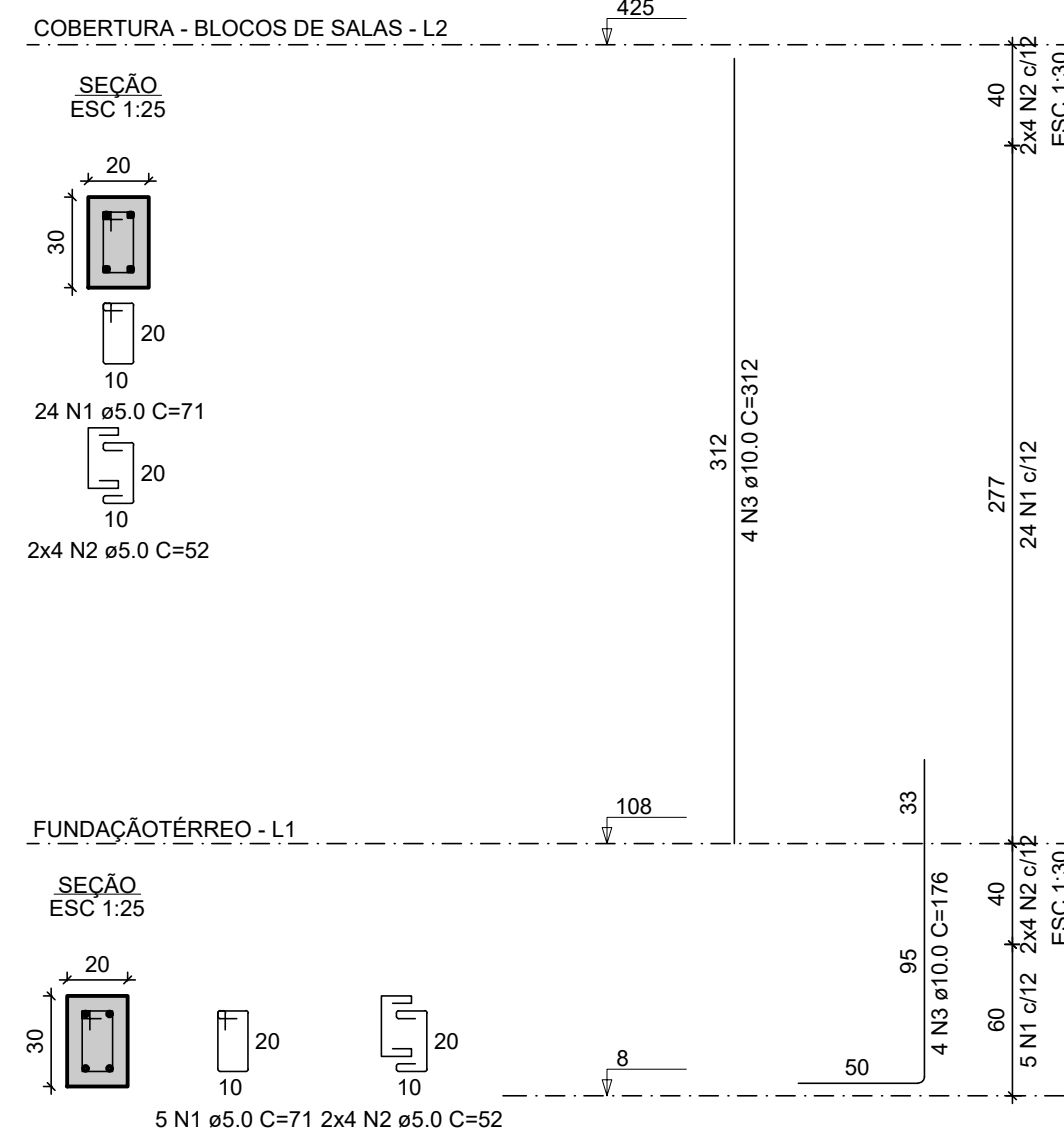
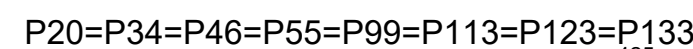
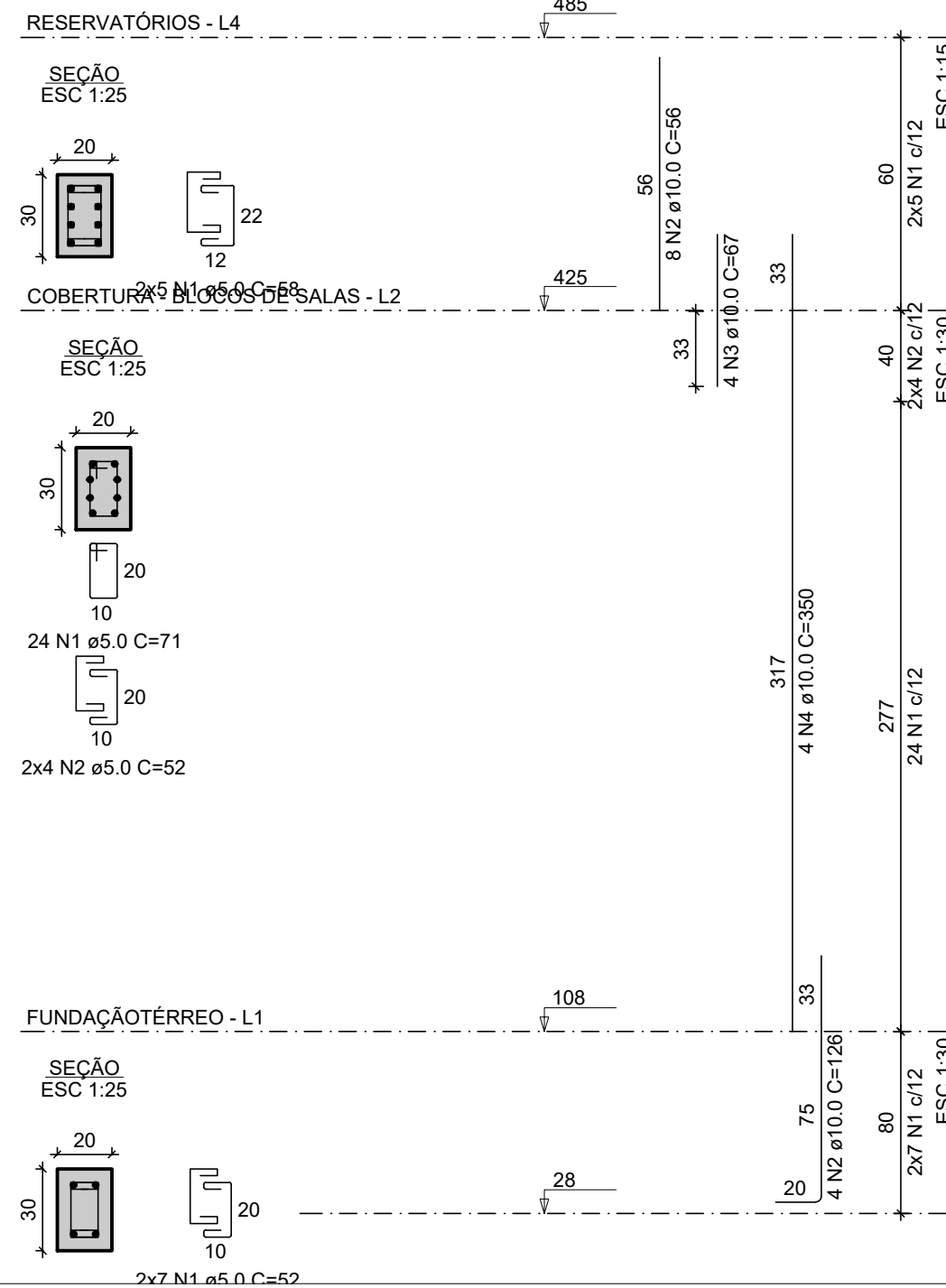
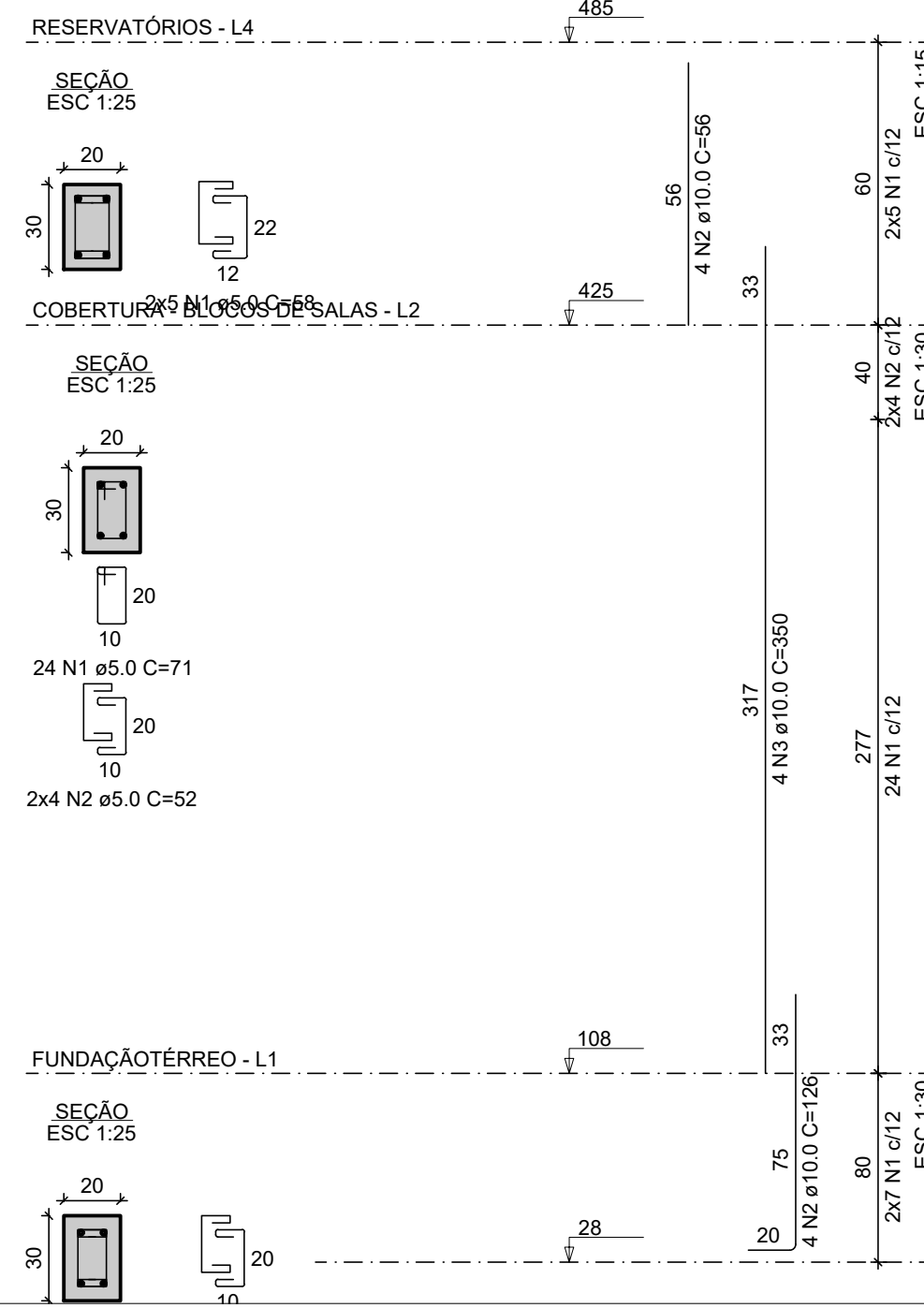
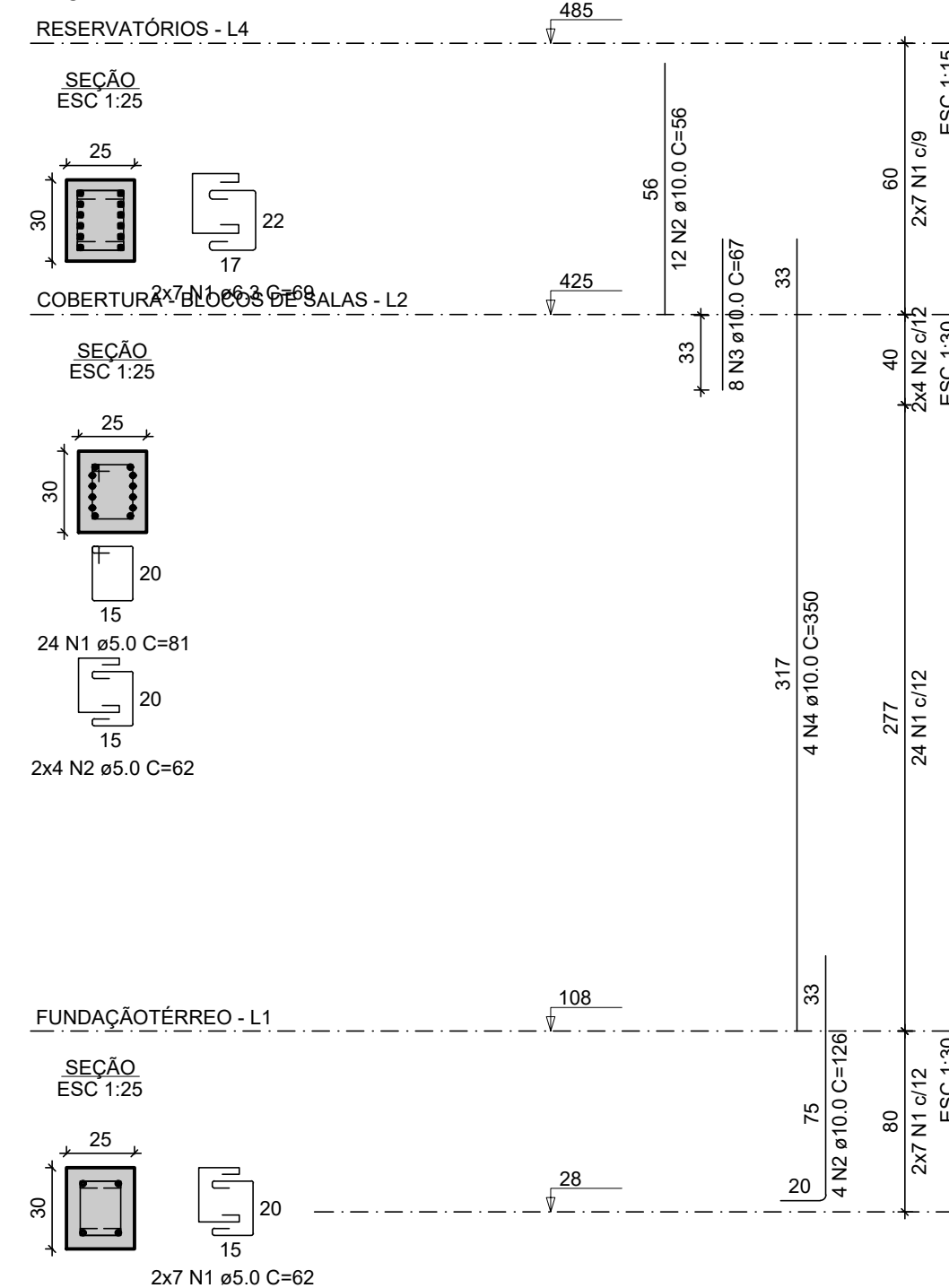
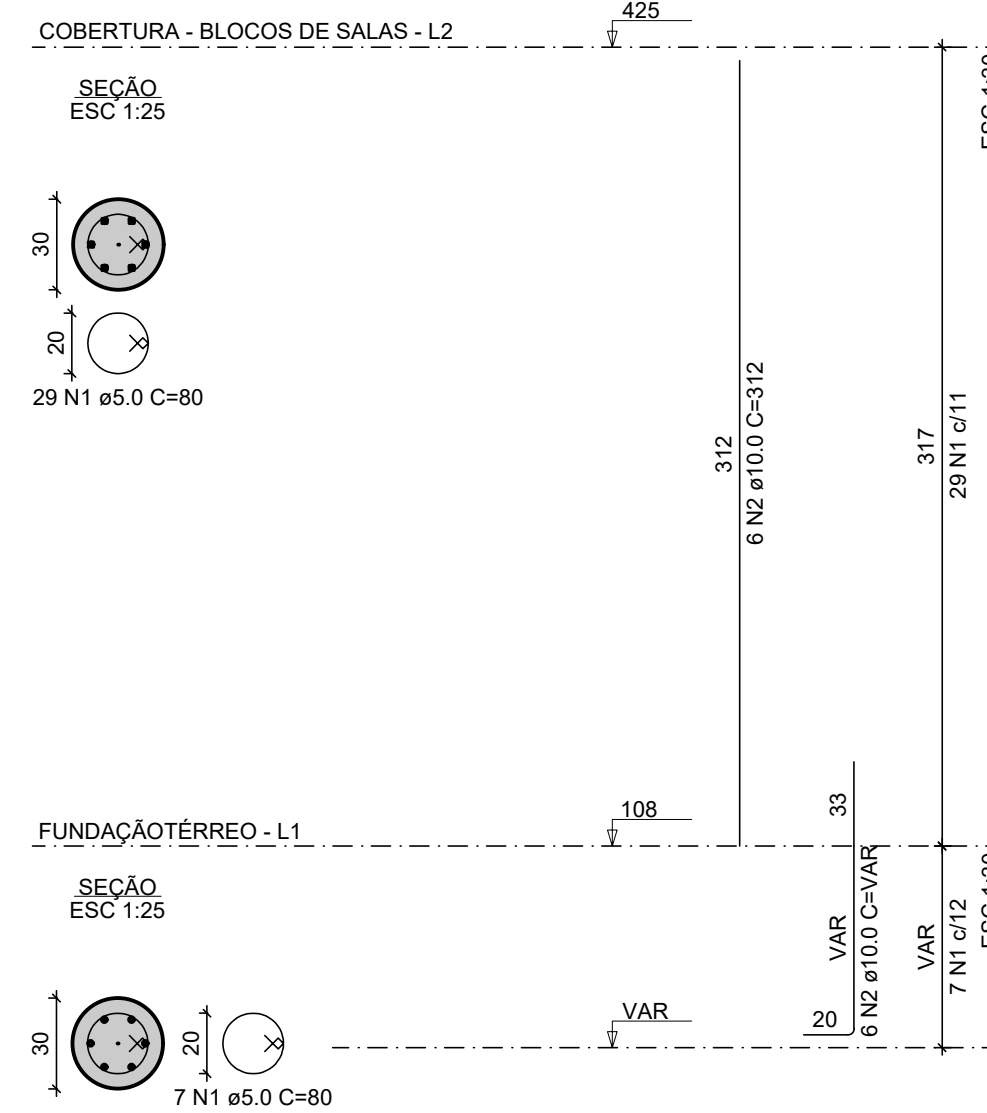
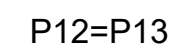
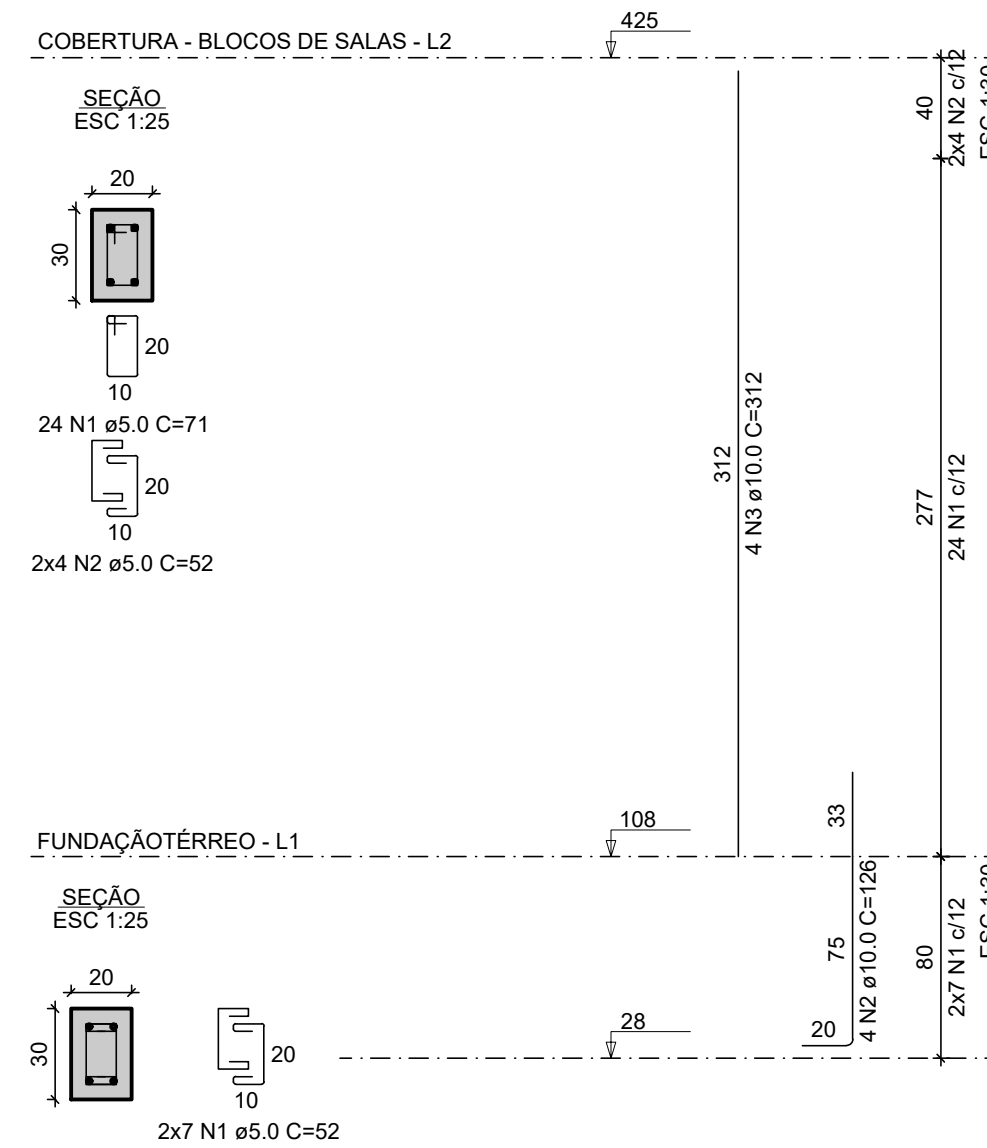
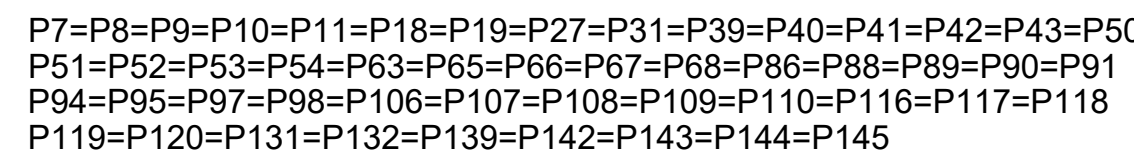
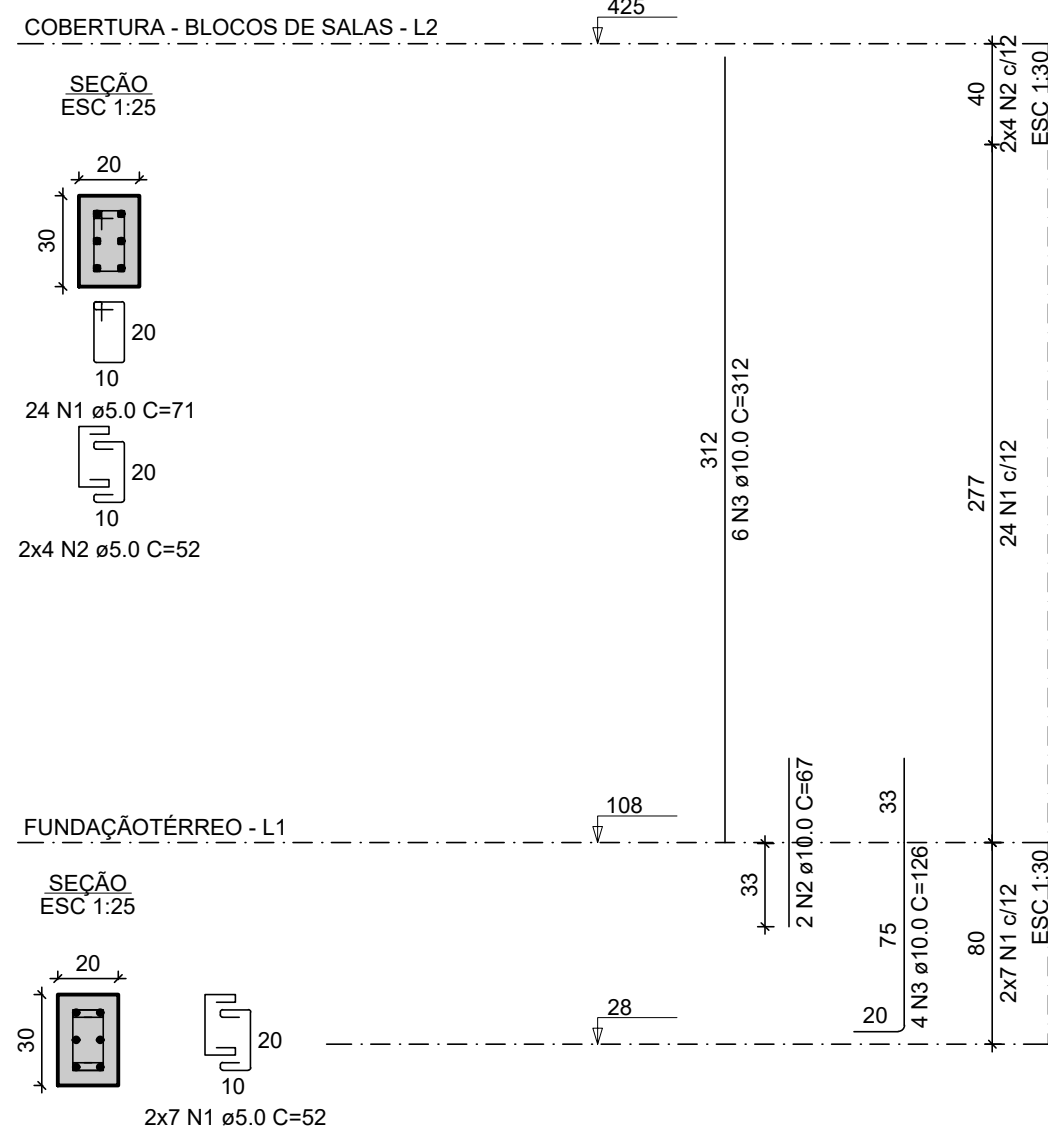
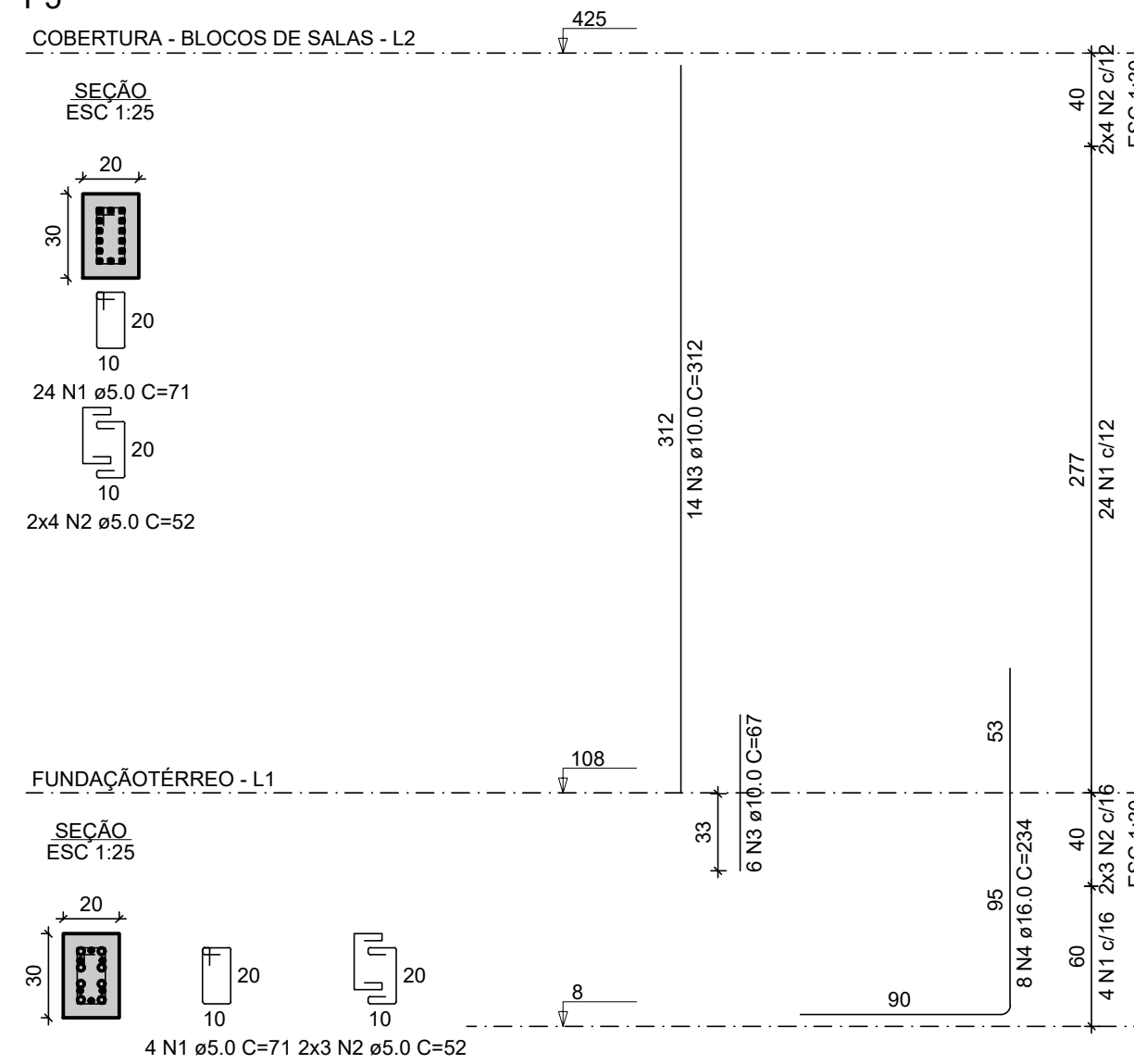
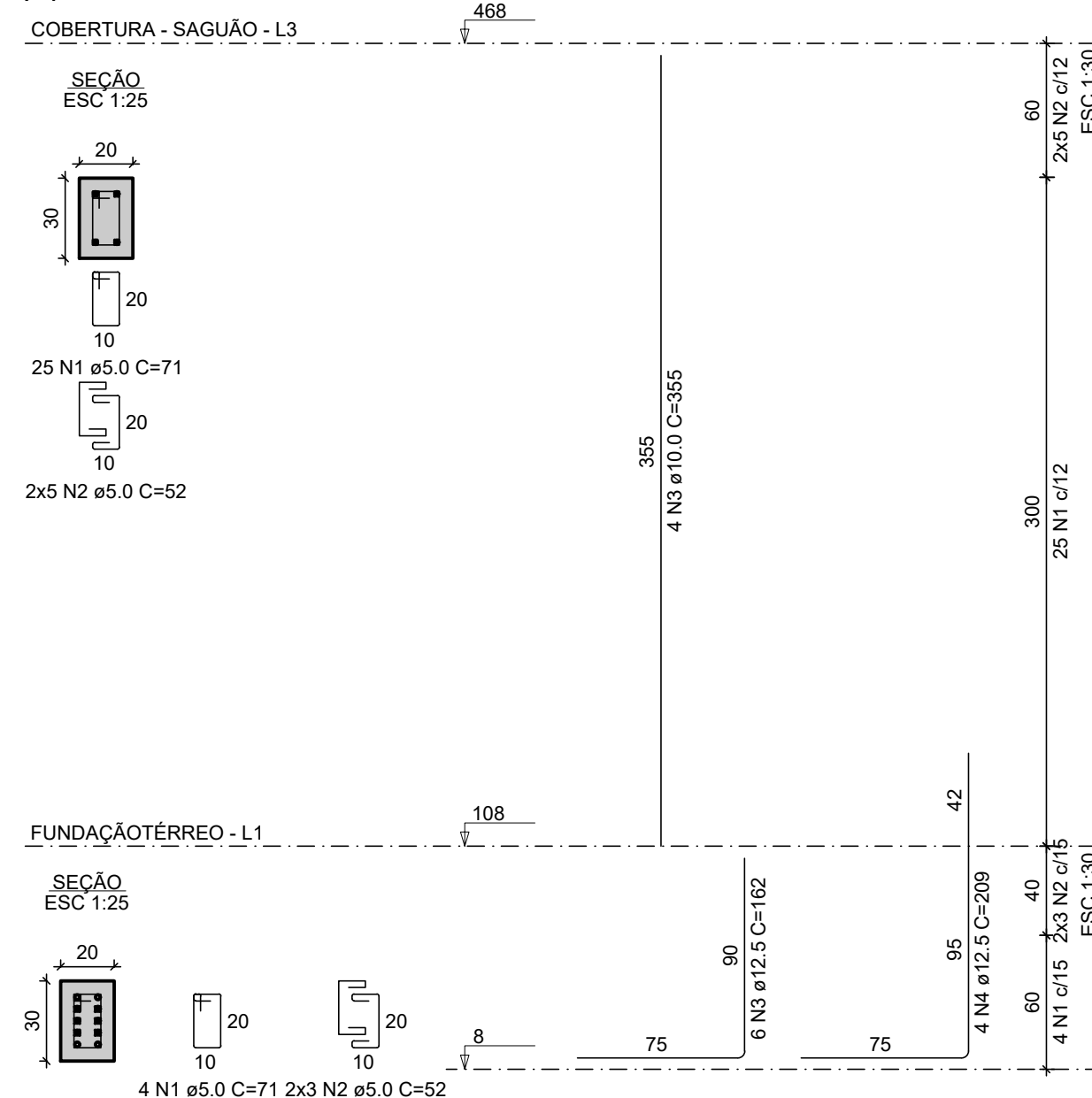
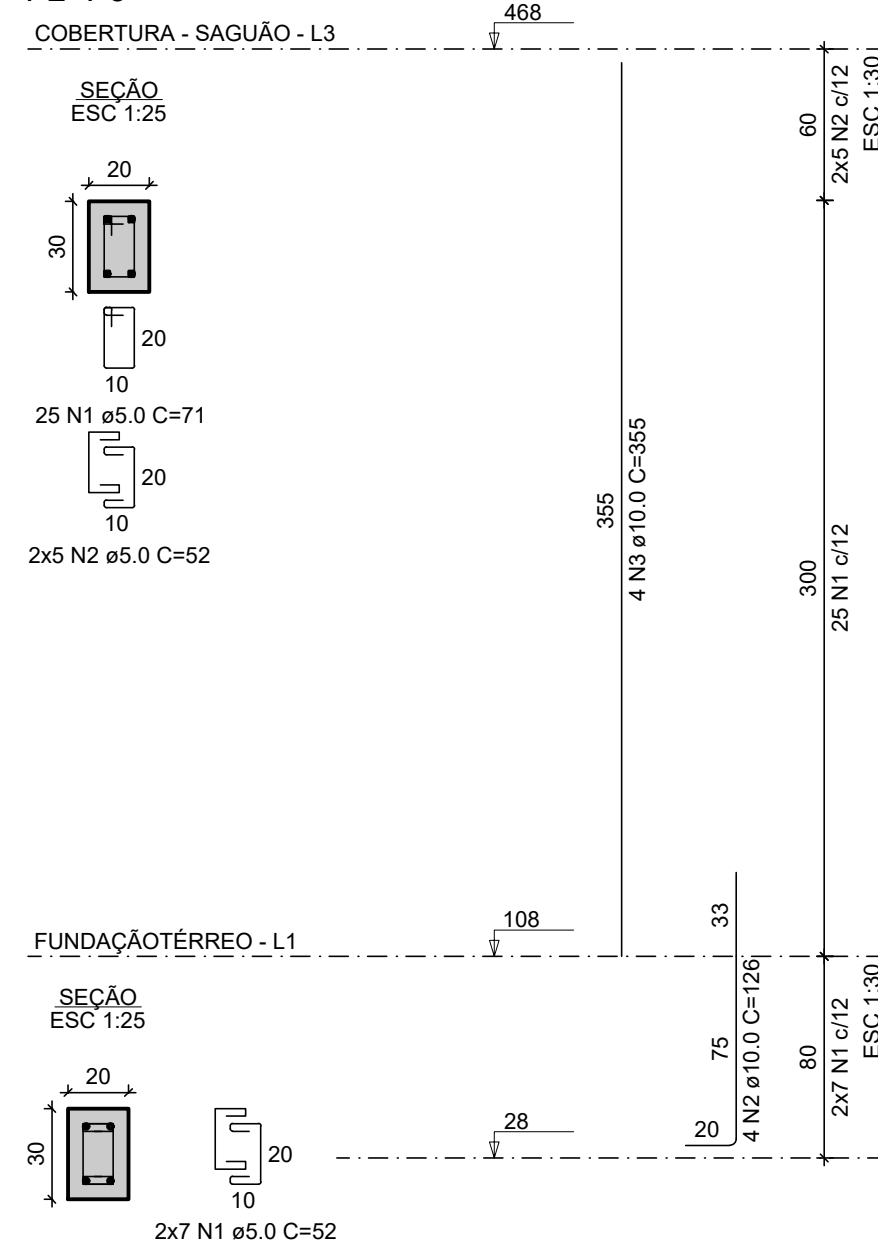
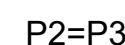
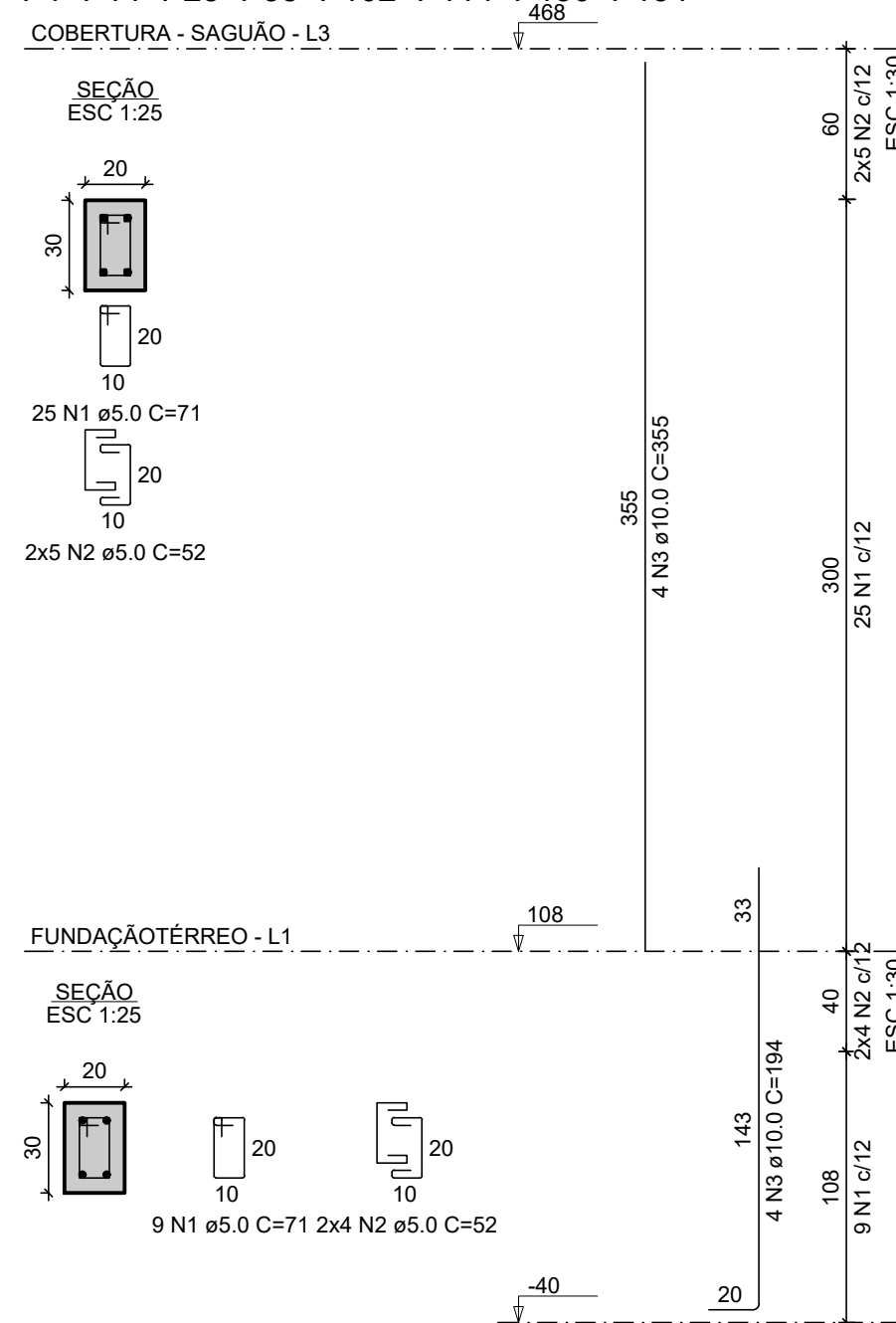




RELAÇÃO DO AÇO						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
8xP1-L3	CA60	1	5,0	200	11	14200
	CA60	2	5,0	80	52	4180
	CA50	3	10,0	32	355	11320
8xP1-L1	CA60	1	5,0	72	71	5112
	CA60	2	5,0	64	52	3328
	CA50	3	10,0	32	194	6208
2xP2-L3	CA60	1	5,0	50	71	3550
	CA60	2	5,0	20	52	1040
	CA50	3	10,0	16	355	2840
2xP2-L1	CA60	1	5,0	28	52	1456
	CA60	2	10,0	8	126	1008
	CA50	3	5,0	25	172	4300
P4-L3	CA60	2	5,0	10	52	520
	CA60	3	10,0	4	355	1420
	CA50	5	5,0	20	172	3440
P4-L1	CA60	2	5,0	6	52	312
	CA60	3	12,5	6	102	912
	CA50	4	12,5	8	200	800
P5-L2	CA60	1	5,0	24	71	1704
	CA60	2	5,0	12	52	624
	CA50	3	10,0	14	312	4388
P5-L1	CA60	1	5,0	4	71	284
	CA60	2	5,0	2	52	104
	CA50	3	10,0	6	67	402
P6-L2	CA50	4	16,0	8	234	1872
	CA60	2	5,0	24	71	1704
	CA60	2	5,0	8	52	416
P6-L1	CA60	2	5,0	6	312	1872
	CA60	3	5,0	14	172	2408
	CA50	2	10,0	2	67	134
50xP7-L2	CA60	3	10,0	4	126	504
	CA50	5	5,0	1200	71	85200
	CA60	2	5,0	400	52	20800
50xP7-L1	CA60	3	10,0	200	312	62400
	CA60	5	5,0	700	52	36400
	CA50	2	10,0	200	126	25200
2xP12-L2	CA60	1	5,0	58	40	2320
	CA50	2	10,0	12	312	3744
	CA60	1	5,0	14	80	1120
P15-L4	CA60	1	5,0	12	52	624
	CA50	1	6,3	14	69	966
	CA60	2	10,0	12	56	672
P15-L2	CA60	1	5,0	10	52	520
	CA60	2	5,0	8	62	496
	CA50	3	10,0	8	67	536
P15-L1	CA60	4	10,0	4	355	1420
	CA60	1	5,0	14	62	868
	CA50	2	10,0	4	126	504
P16-L4	CA60	1	5,0	10	52	520
	CA50	2	10,0	4	56	224
	CA60	1	5,0	24	71	1704
P16-L2	CA60	2	5,0	8	52	416
	CA60	3	5,0	4	350	1400
	CA50	1	5,0	10	58	580
P17-L4	CA60	1	5,0	14	52	728
	CA50	2	5,0	24	71	1704
	CA60	2	5,0	8	52	416
P17-L2	CA60	1	5,0	8	52	416
	CA50	3	10,0	10	248	2480
	CA60	2	5,0	24	71	1704
P17-L1	CA60	1	5,0	14	52	728
	CA60	1	5,0	10	52	520
	CA60	1	5,0	192	71	13632
8xP20-L2	CA60	1	5,0	84	52	4368
	CA50	2	10,0	32	312	9984
	CA60	1	5,0	40	71	2840
8xP20-L1	CA60	1	5,0	40	71	2840
	CA60	2	5,0	24	52	1248
	CA50	3	10,0	32	176	5632

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	9.7	2.6
	10.0	1464.5	993.2
	12.5	18.1	19.2
	16.0	18.7	32.5
CA60	5.0	2227.5	377.7
PESO TOTAL (kg)			
CA50	1047.5		
CA60	377.7		

Volume de concreto (C-30) = 17.25 m³
Área de forma = 285.20 m²

Área de forma = 285.20 m²

