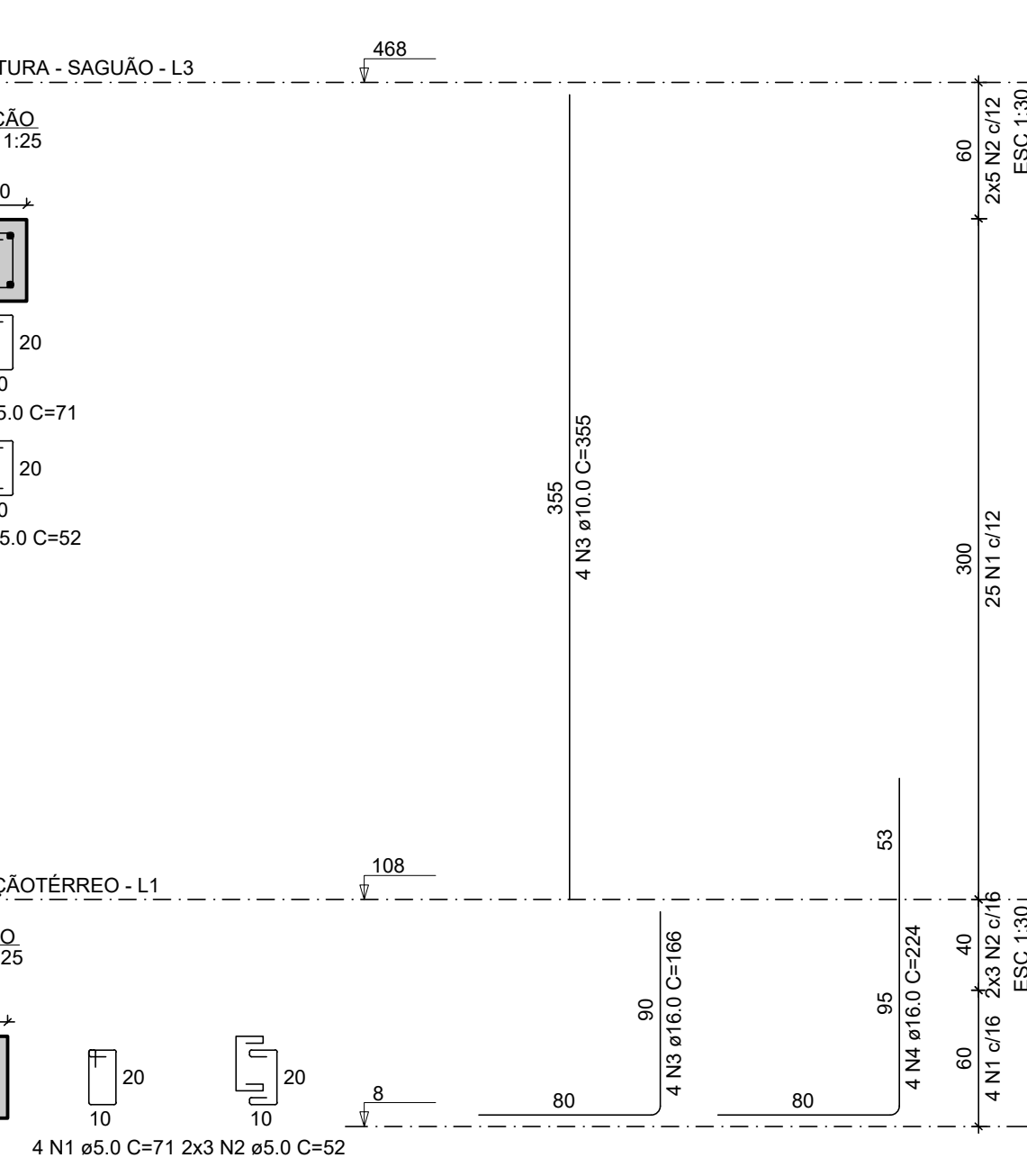
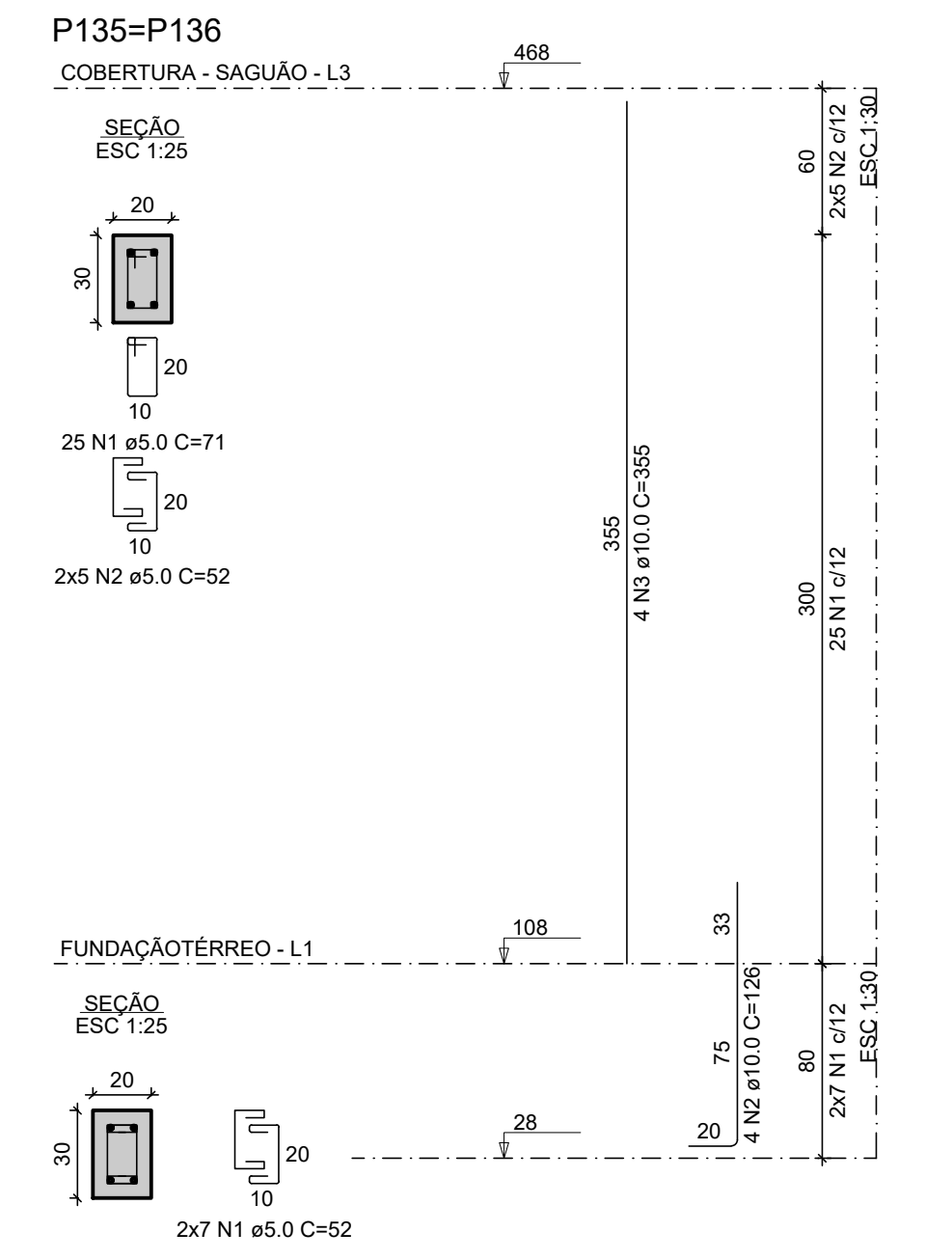
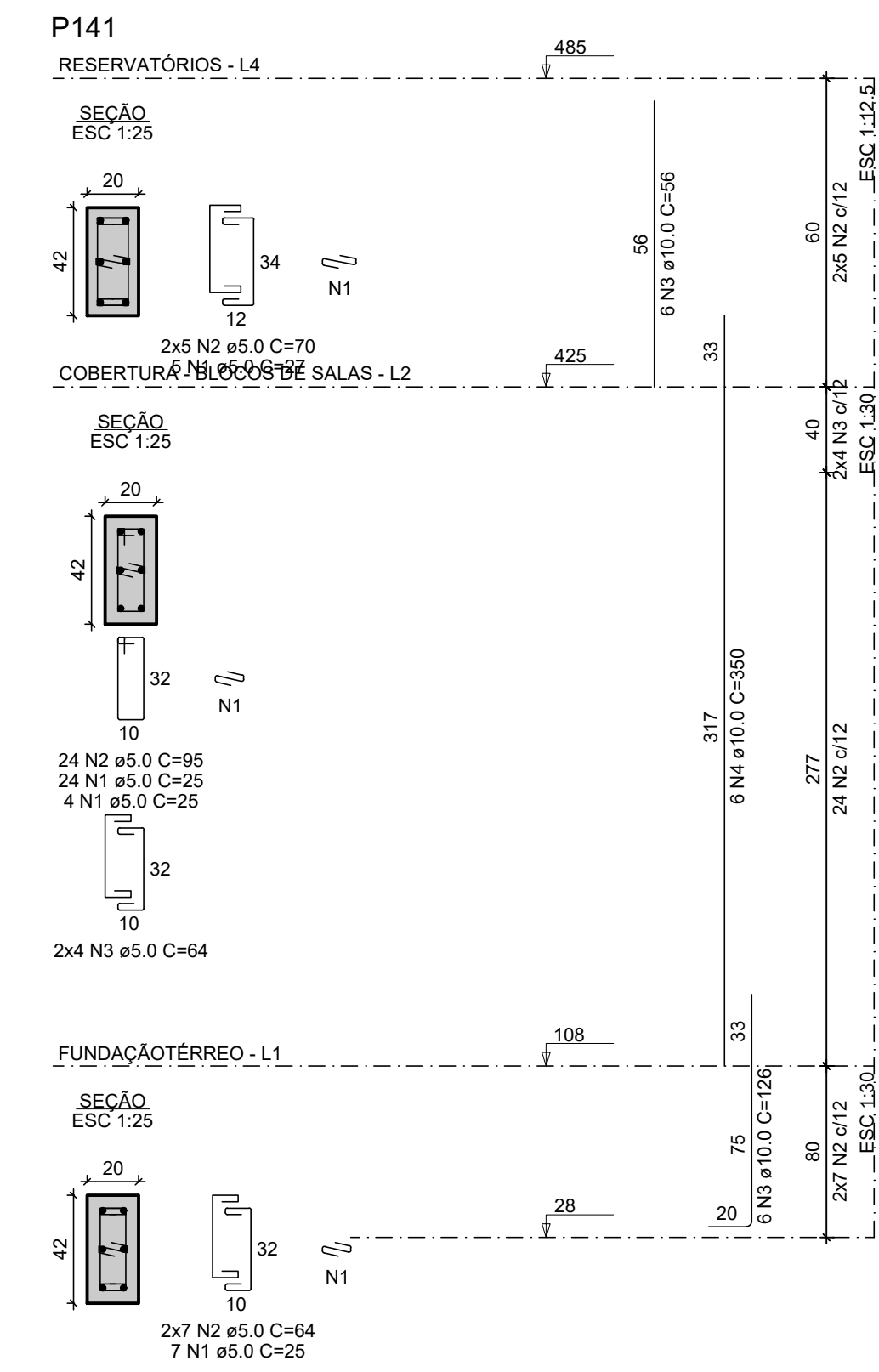
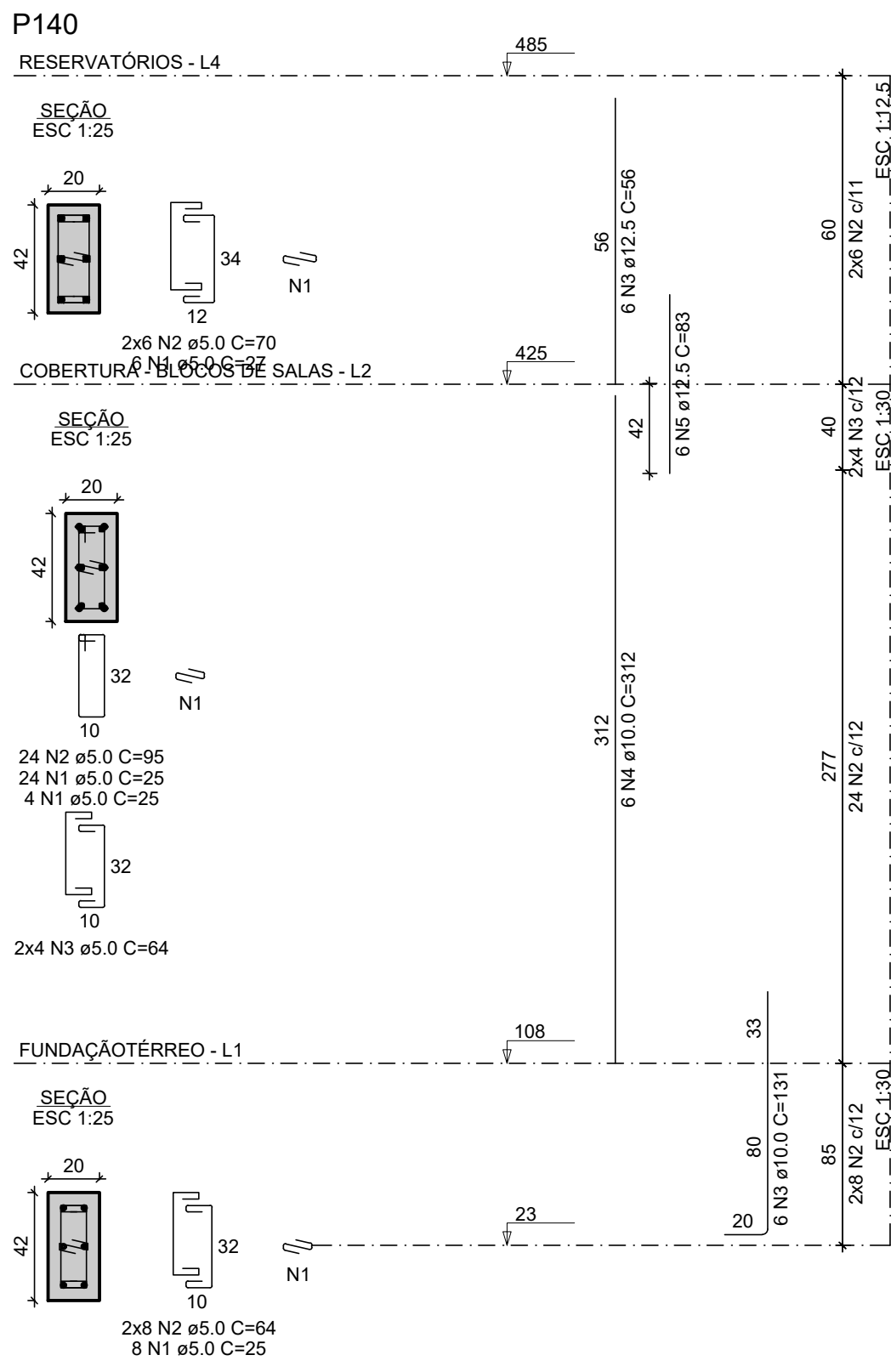
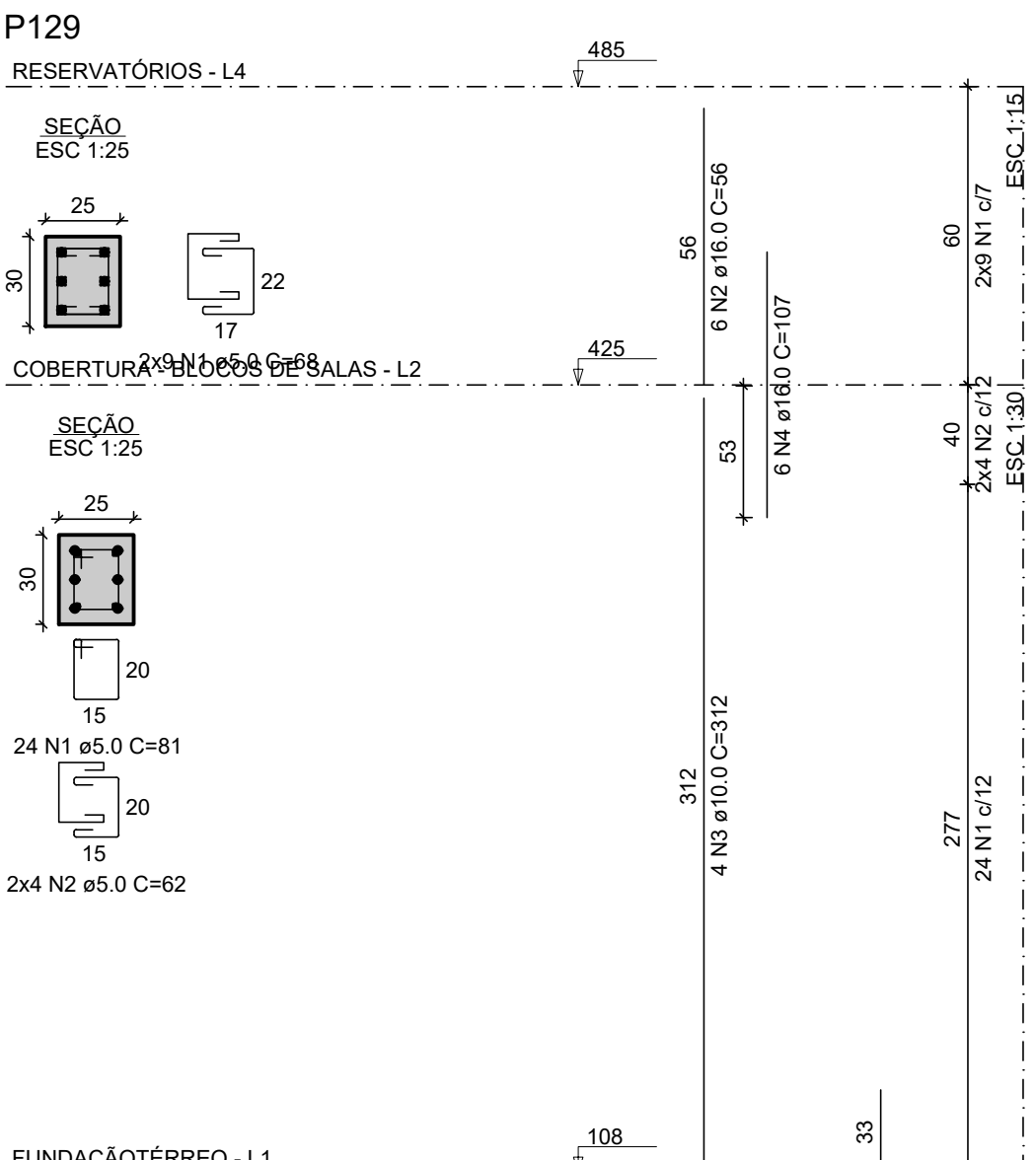
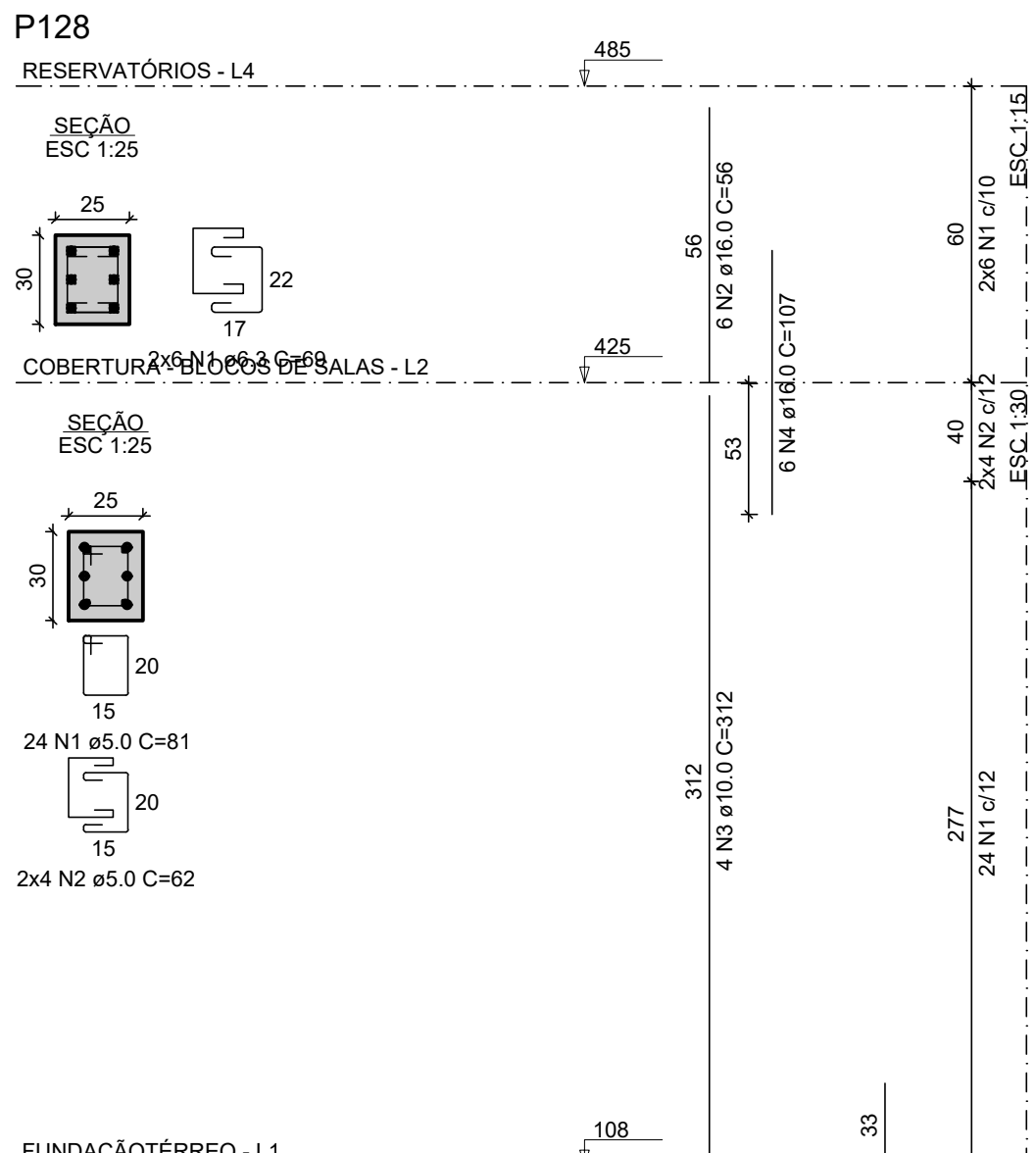
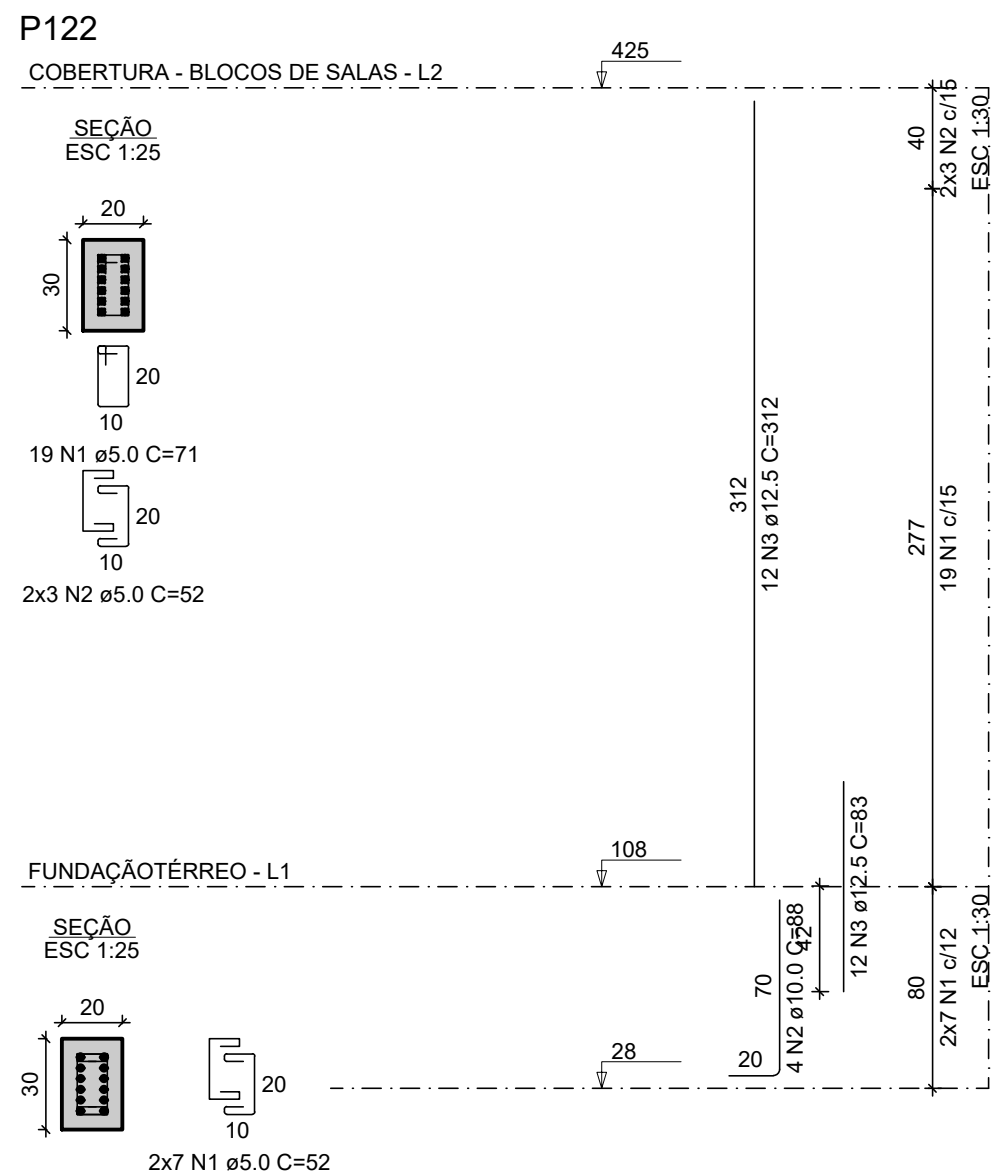
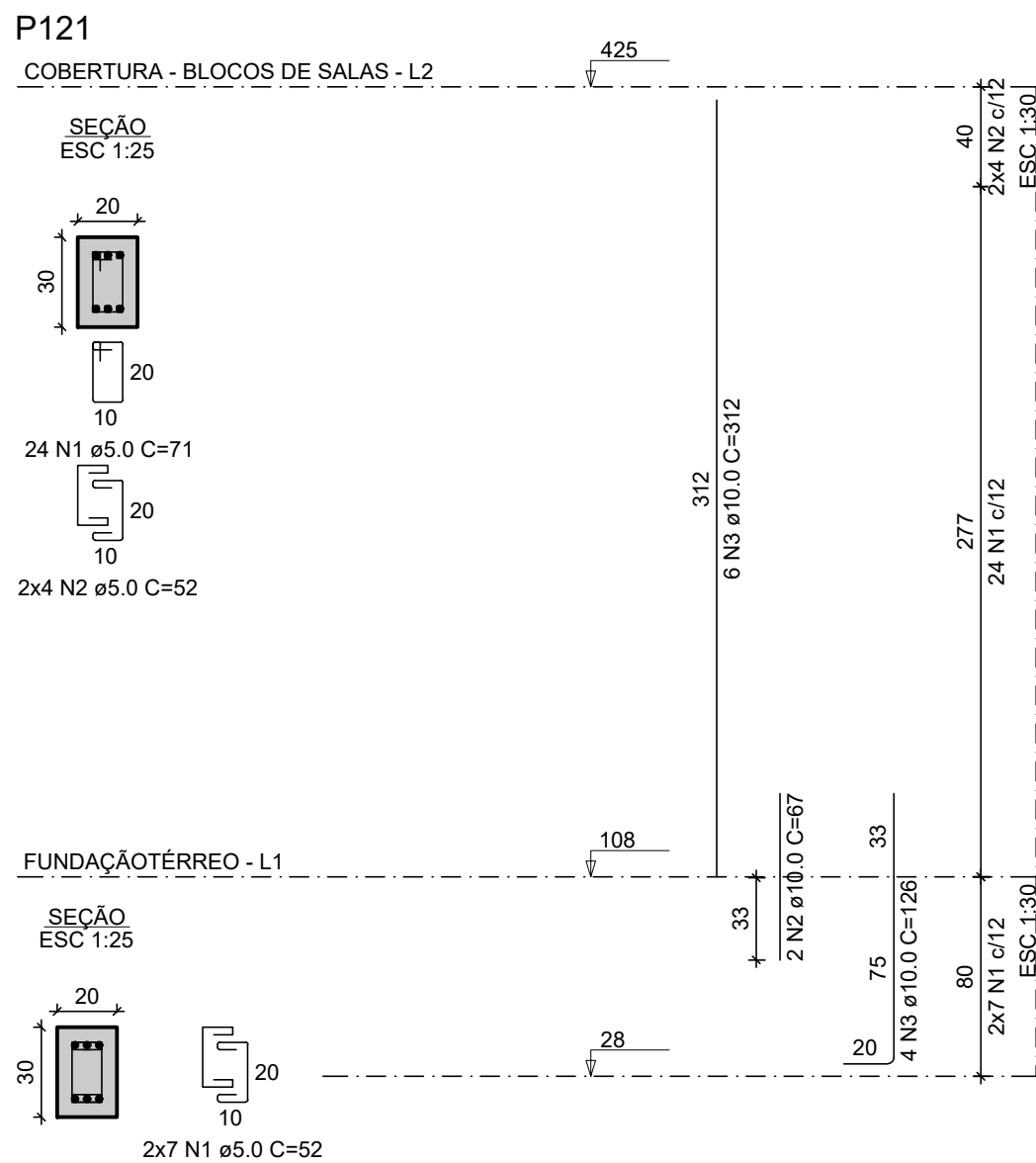
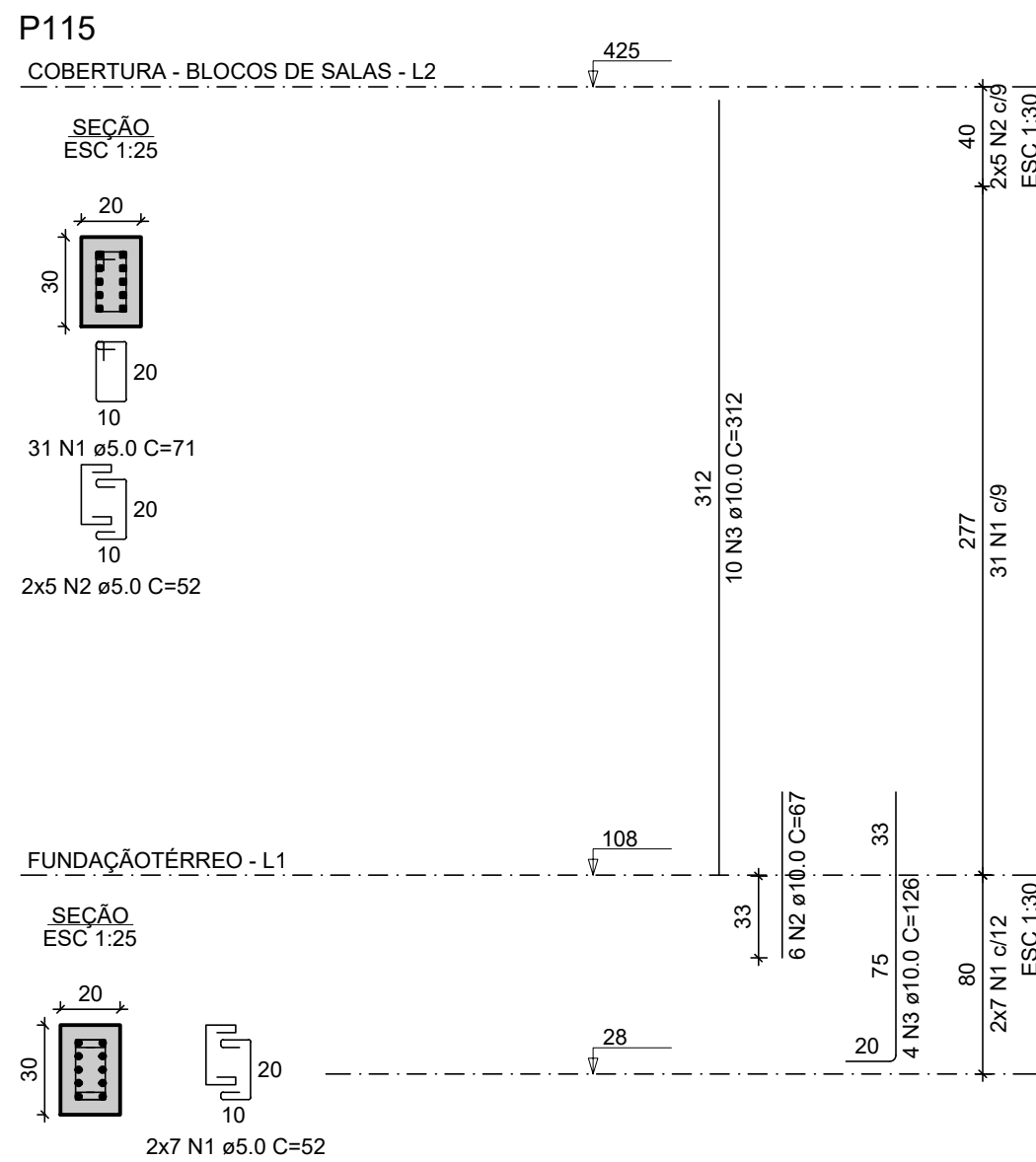
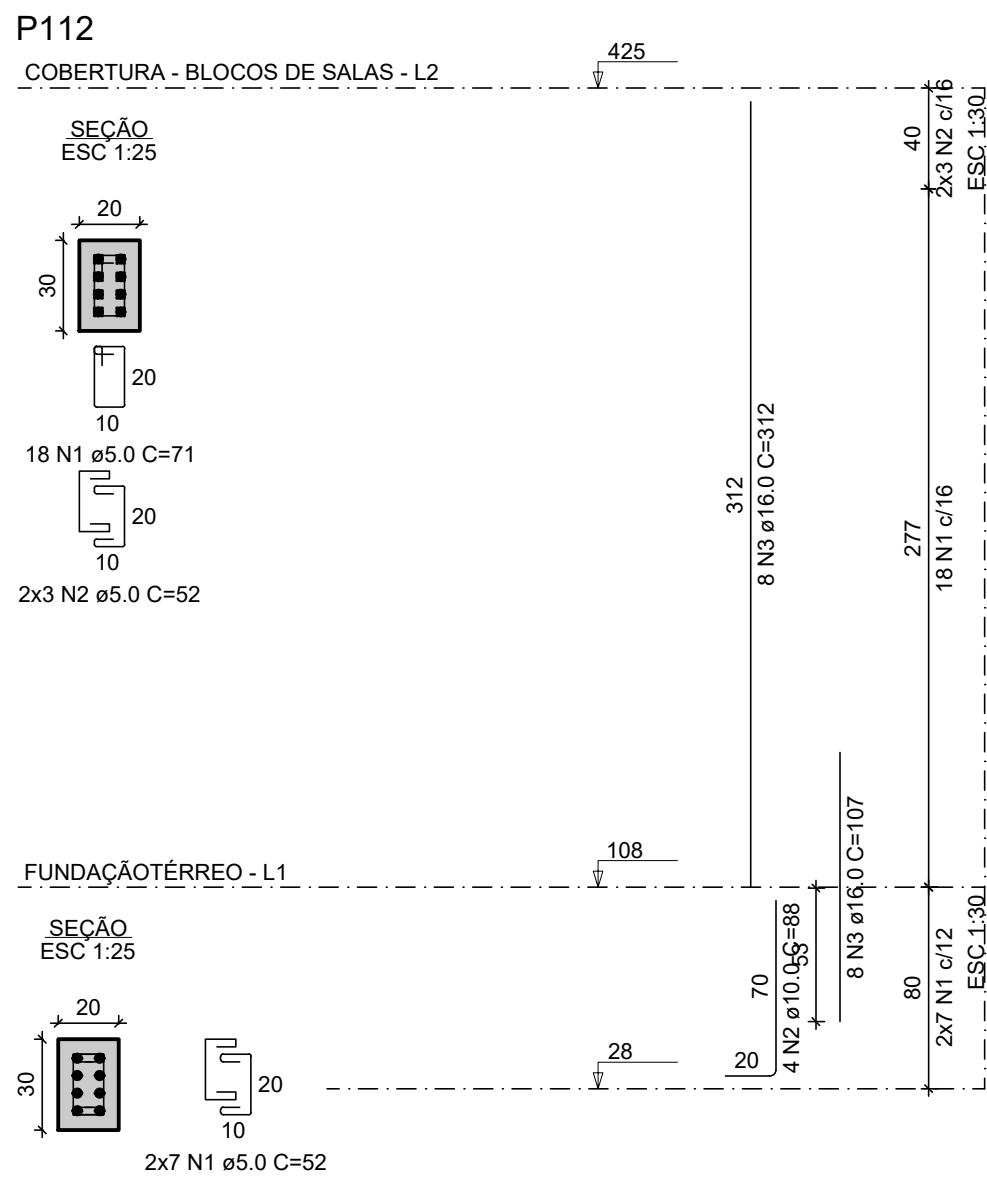
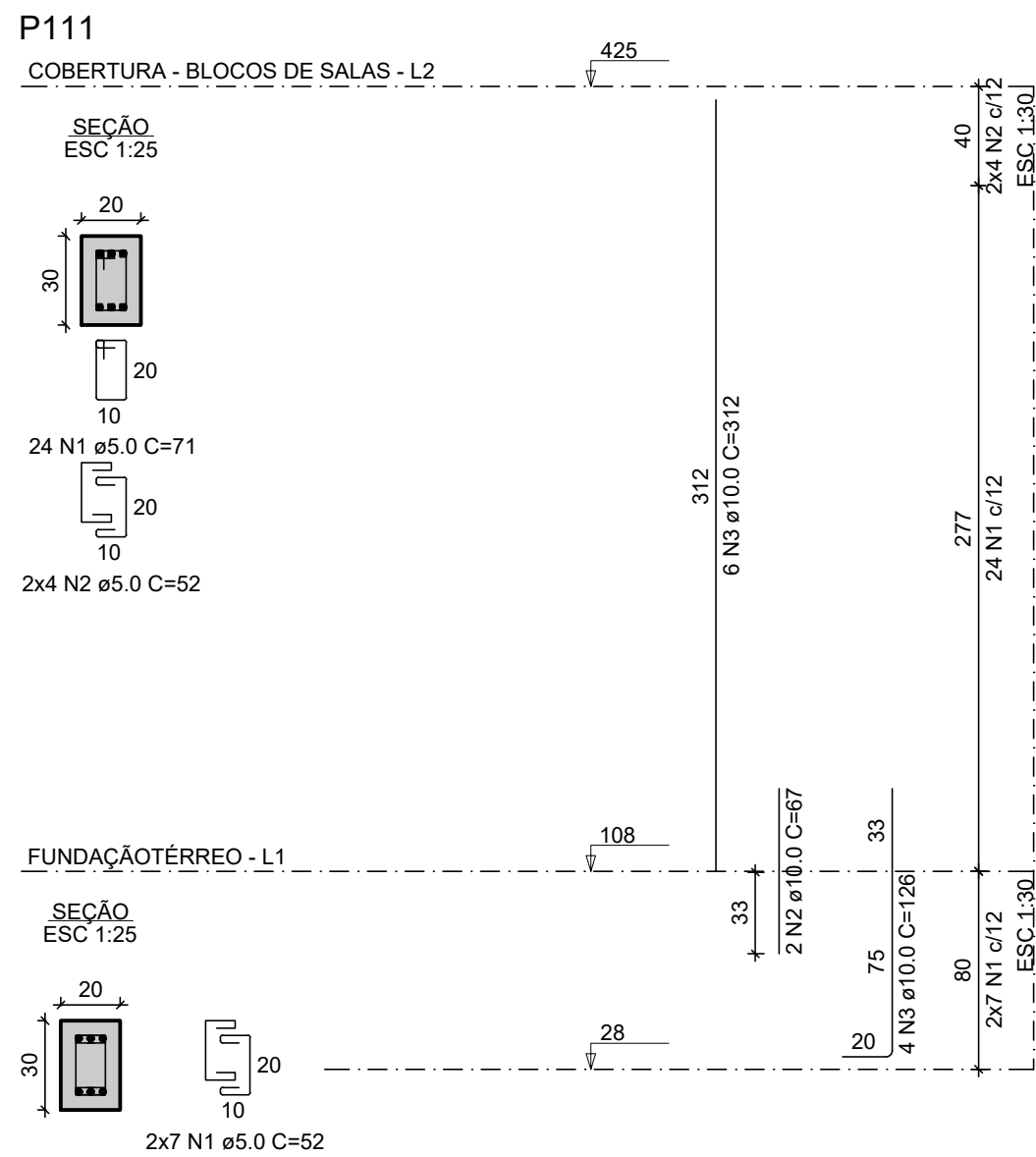
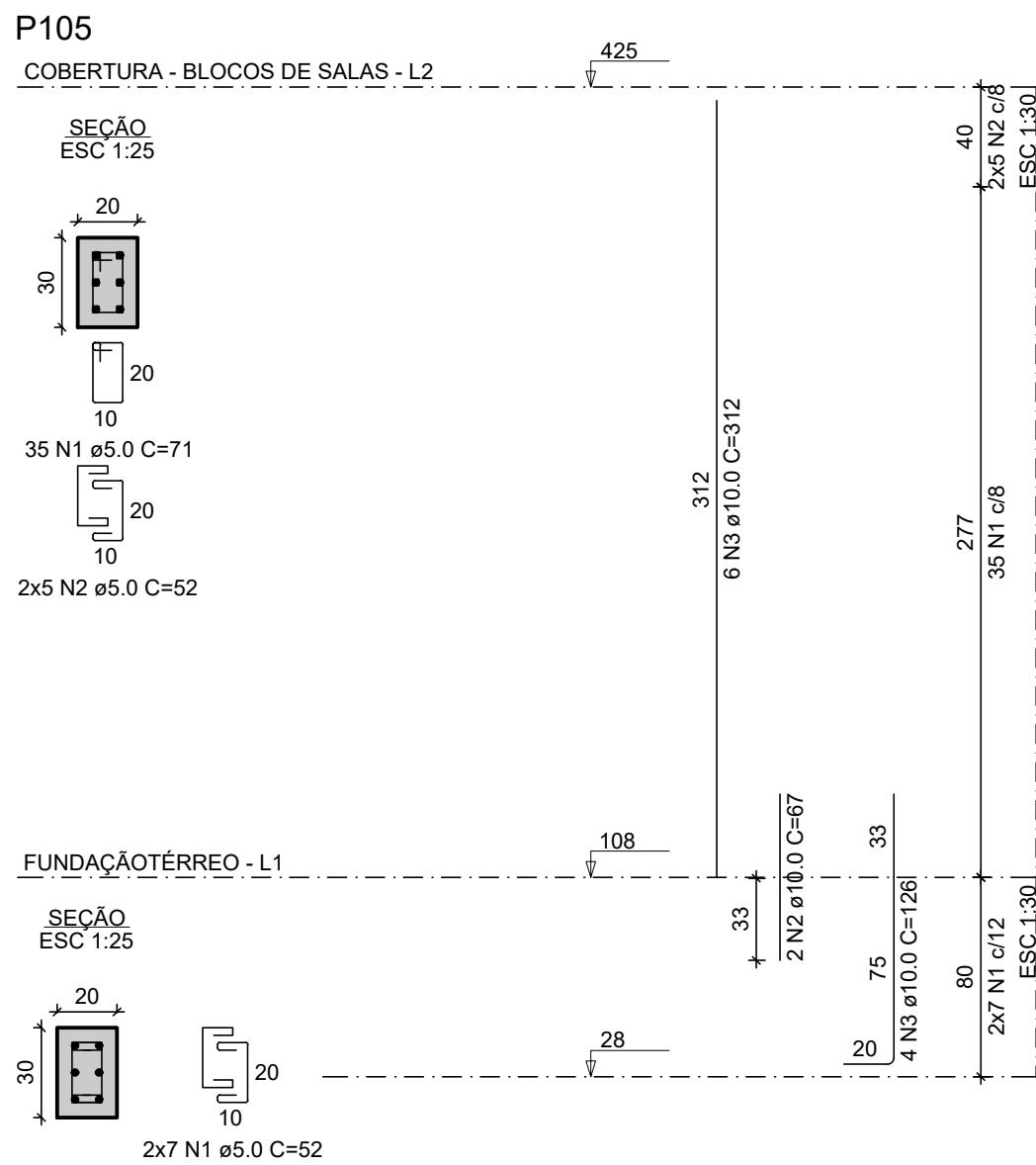
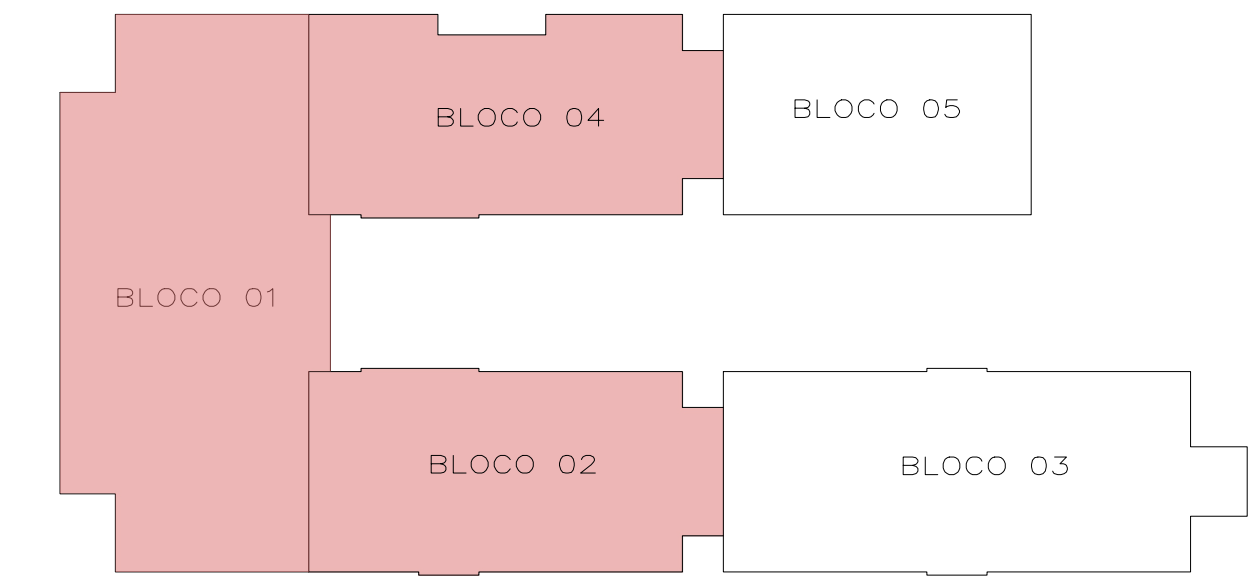




RELAÇÃO DO AÇO						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P105-L2	CA60	1	5.0	35	71	2485
	CA60	2	5.0	10	52	520
P105-L1	CA50	3	10.0	6	312	1872
	CA60	1	5.0	14	52	728
P111-L2	CA50	2	10.0	2	67	134
	CA50	3	10.0	4	126	504
P111-L1	CA60	1	5.0	24	71	1704
	CA60	2	5.0	8	52	416
P112-L2	CA50	3	10.0	6	312	1872
	CA60	1	5.0	14	52	728
P112-L1	CA50	2	10.0	2	67	134
	CA50	3	10.0	4	126	504
P115-L2	CA60	2	5.0	18	71	1278
	CA60	2	5.0	6	52	312
P115-L1	CA50	3	16.0	8	312	2496
	CA60	1	5.0	14	52	728
P121-L2	CA50	2	10.0	4	88	352
	CA50	3	16.0	8	107	856
P121-L1	CA60	1	5.0	31	71	2201
	CA60	2	5.0	10	52	520
P122-L2	CA50	3	10.0	10	312	3120
	CA60	1	5.0	14	52	728
P122-L1	CA50	2	10.0	6	67	402
	CA50	3	10.0	4	126	504
P128-L2	CA60	1	5.0	24	71	1704
	CA60	2	5.0	8	52	416
P128-L1	CA50	3	10.0	6	312	1872
	CA60	1	5.0	14	52	728
P129-L2	CA50	2	10.0	2	67	134
	CA50	3	10.0	4	126	504
P129-L1	CA60	1	5.0	18	68	1224
	CA50	2	16.0	6	56	336
2xP135-L3	CA60	1	5.0	24	81	1944
	CA60	2	5.0	8	62	496
2xP135-L1	CA50	3	10.0	4	312	1248
	CA60	1	5.0	14	62	868
P137-L3	CA50	2	10.0	8	126	1008
	CA60	1	5.0	25	71	1775
P137-L1	CA50	2	5.0	10	52	520
	CA60	1	5.0	4	355	1420
P140-L4	CA50	3	16.0	4	166	664
	CA50	4	16.0	4	224	896
P140-L2	CA60	1	5.0	27	162	700
	CA60	2	5.0	12	70	840
P140-L1	CA60	2	5.0	24	95	2280
	CA60	3	5.0	8	64	512
P141-L4	CA50	5	12.5	6	83	498
	CA60	1	5.0	16	64	1024
P141-L2	CA50	3	10.0	6	131	786
	CA60	1	5.0	5	27	135
P141-L1	CA50	2	5.0	10	70	700
	CA50	3	10.0	6	56	336
	CA60	1	5.0	28	25	700
	CA60	2	5.0	24	95	2280
	CA50	3	5.0	8	64	512
	CA50	4	10.0	6	850	2100
	CA60	1	5.0	7	25	175
	CA60	2	5.0	14	64	896
	CA60	3	10.0	6	126	756

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	8.3	2.2
	10.0	269.8	182.3
	12.5	55.7	59.1
	16.0	68.7	119.2
CA60	5.0	454.8	77.1
PESO TOTAL (kg)			
CA50	362.8		
CA60	77.1		

Volume de concreto (C-30) = 3.33 m³
Área de forma = 52.99 m²



JOSE VILMAR P. DE FRAGA
ARQUITETO E URBANISTA

BRUNO REBECHI DALLE MULLE
ENGENHEIRO CIVIL

ANA CAROLINA M. SANTOS
ARQUITETA E URBANISTA

HENRIQUE RODRIGUES DIAS
AUX. ENGENHARIA CIVIL

ESTADO DO RIO GRANDE DO SUL
PREFEITURA MUNICIPAL DE IMBÉ
AVENIDA PARAGUASSU, 2070 - CENTRO - IMBÉ - RS
FONE: 51.3627.8515 - CEP: 95.625-000

ADMINISTRAÇÃO
2025/2028

SECRETARIA MUNICIPAL
DE EDUCAÇÃO

em@imbe.rs.gov.br

PROJETO:
ARMADURAS DOS PILARES - BLOCOS 01, 02 E 04 - 05

DESENHO:
BRUNO

INDICADAS

DATA:
ABRIL 2025

ÁREA:
2.491,91m²

PERÍODO:
36/56