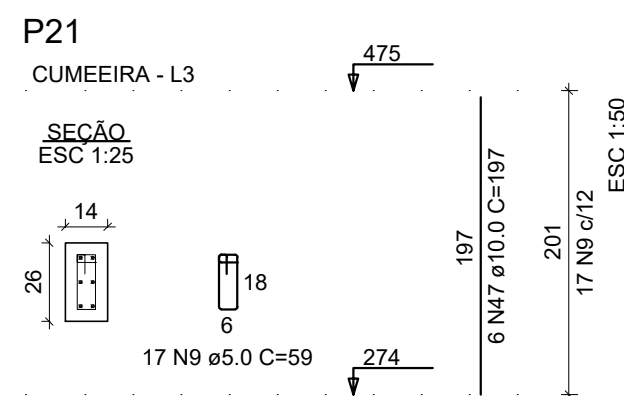
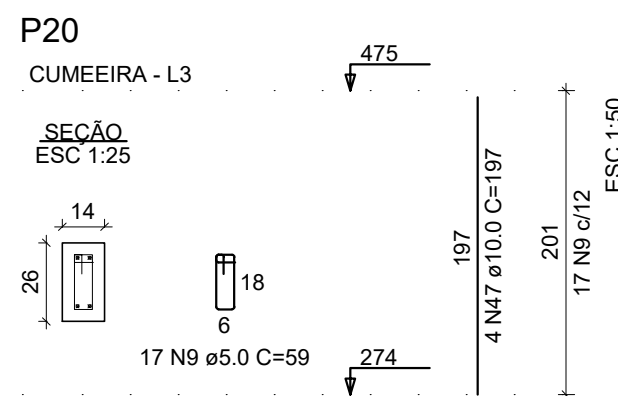
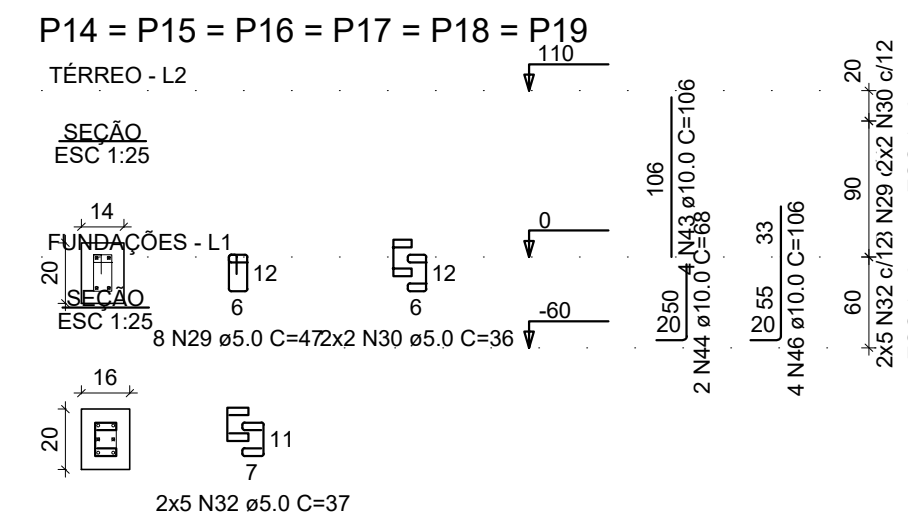
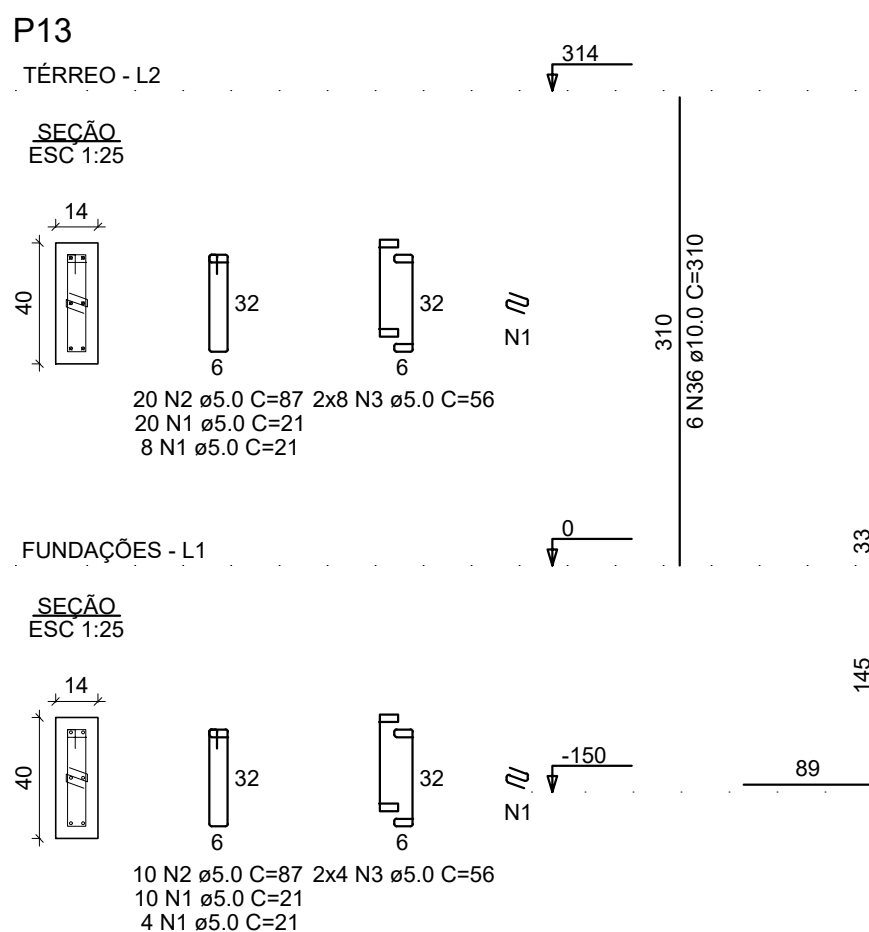
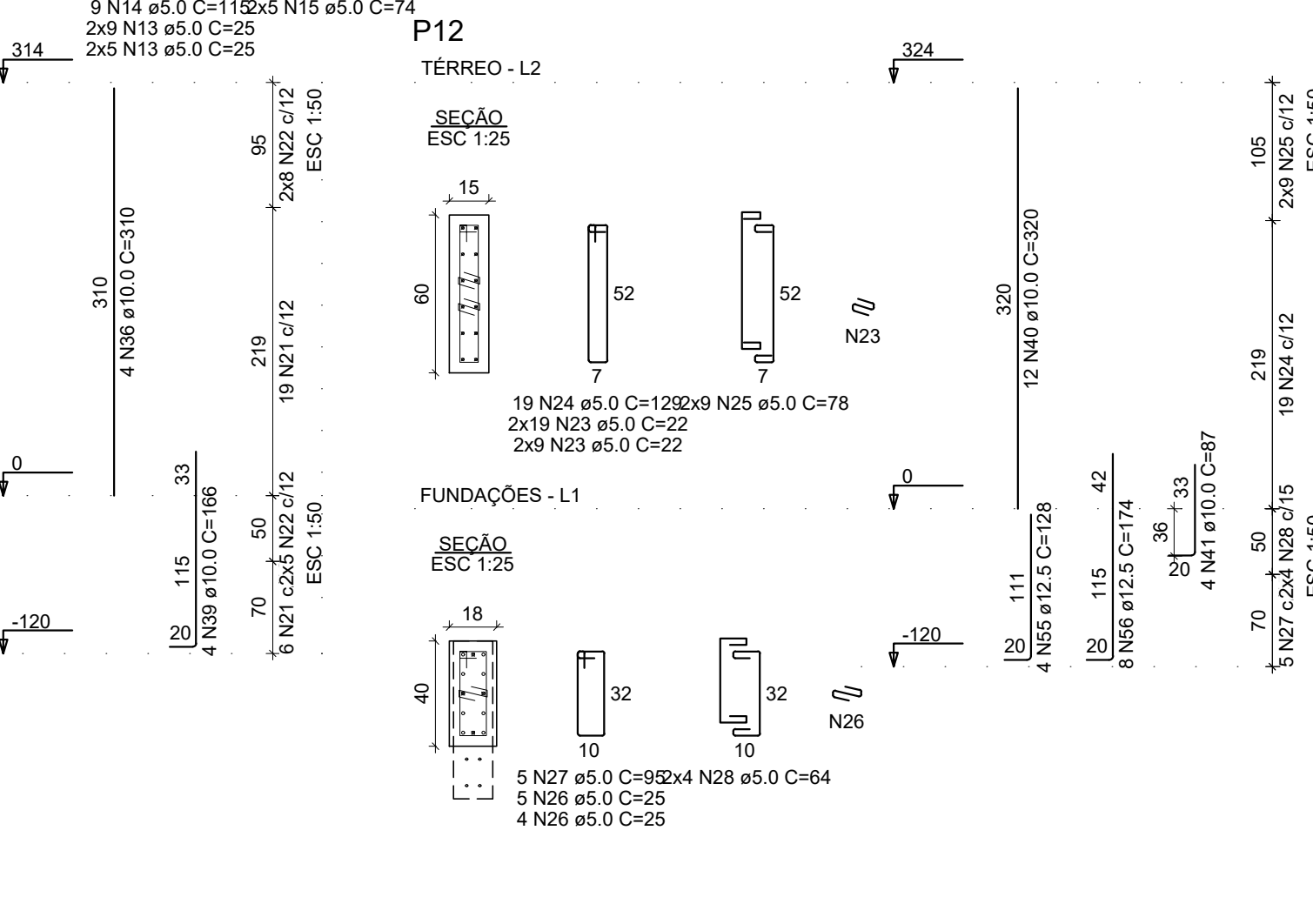
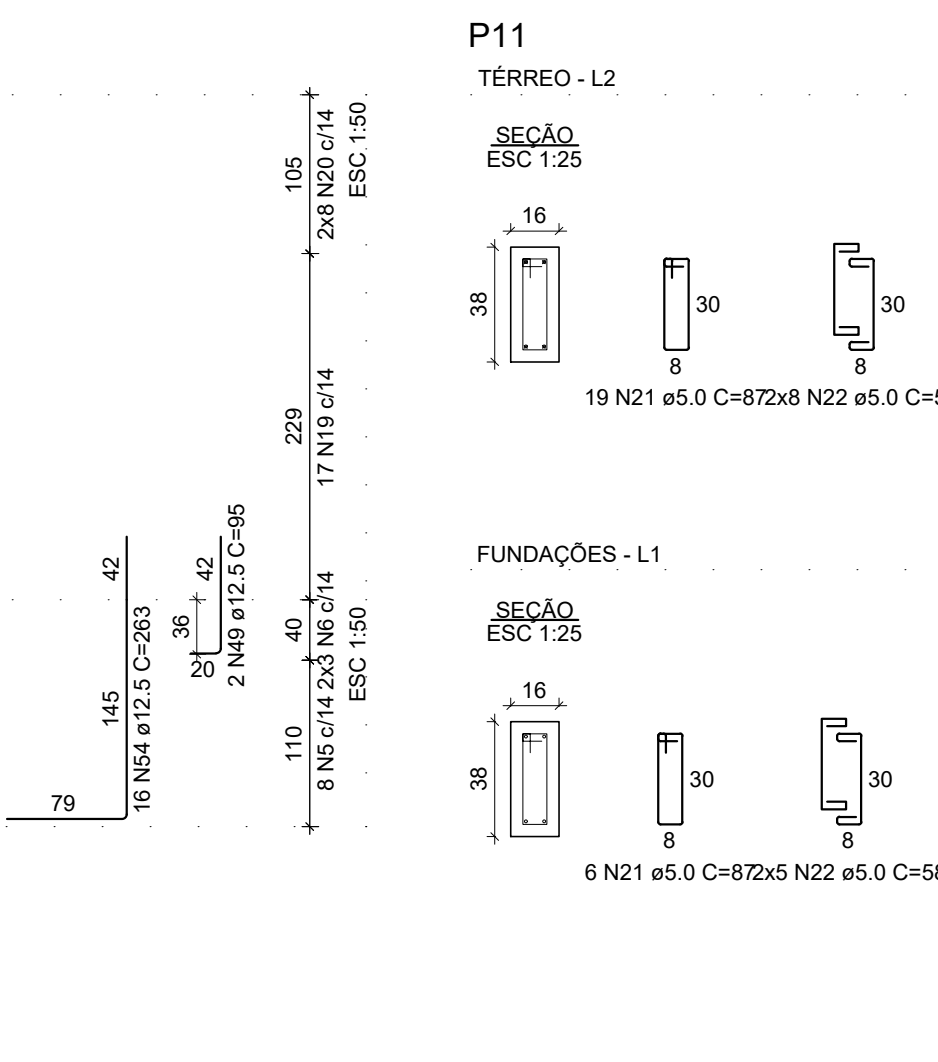
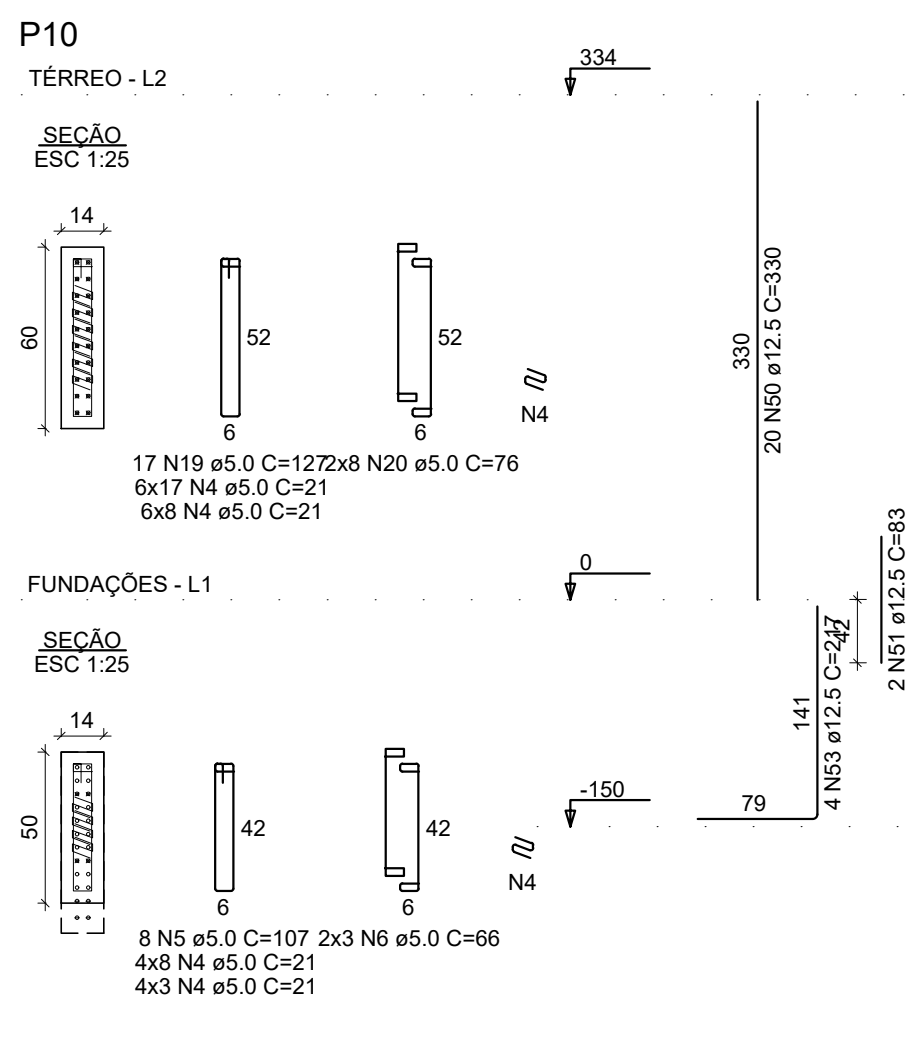
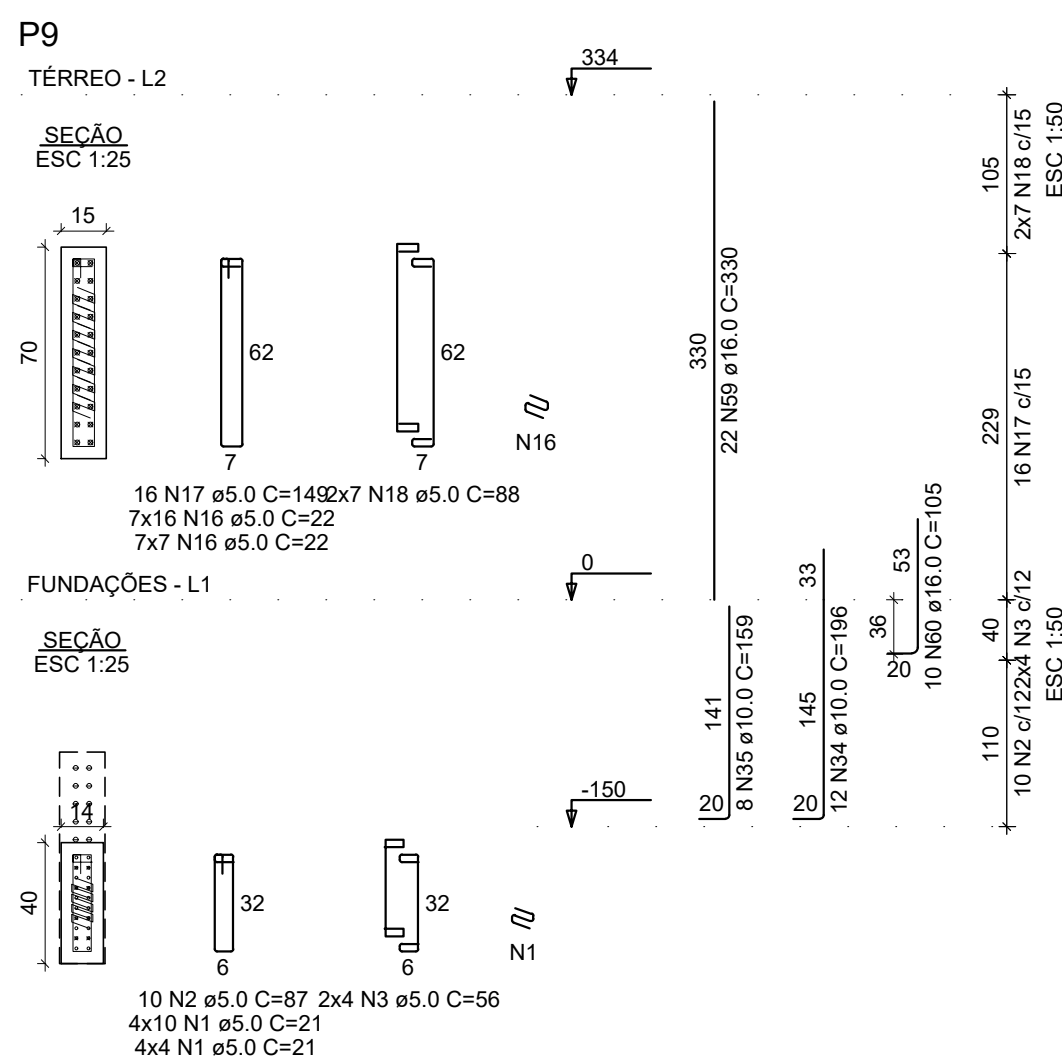
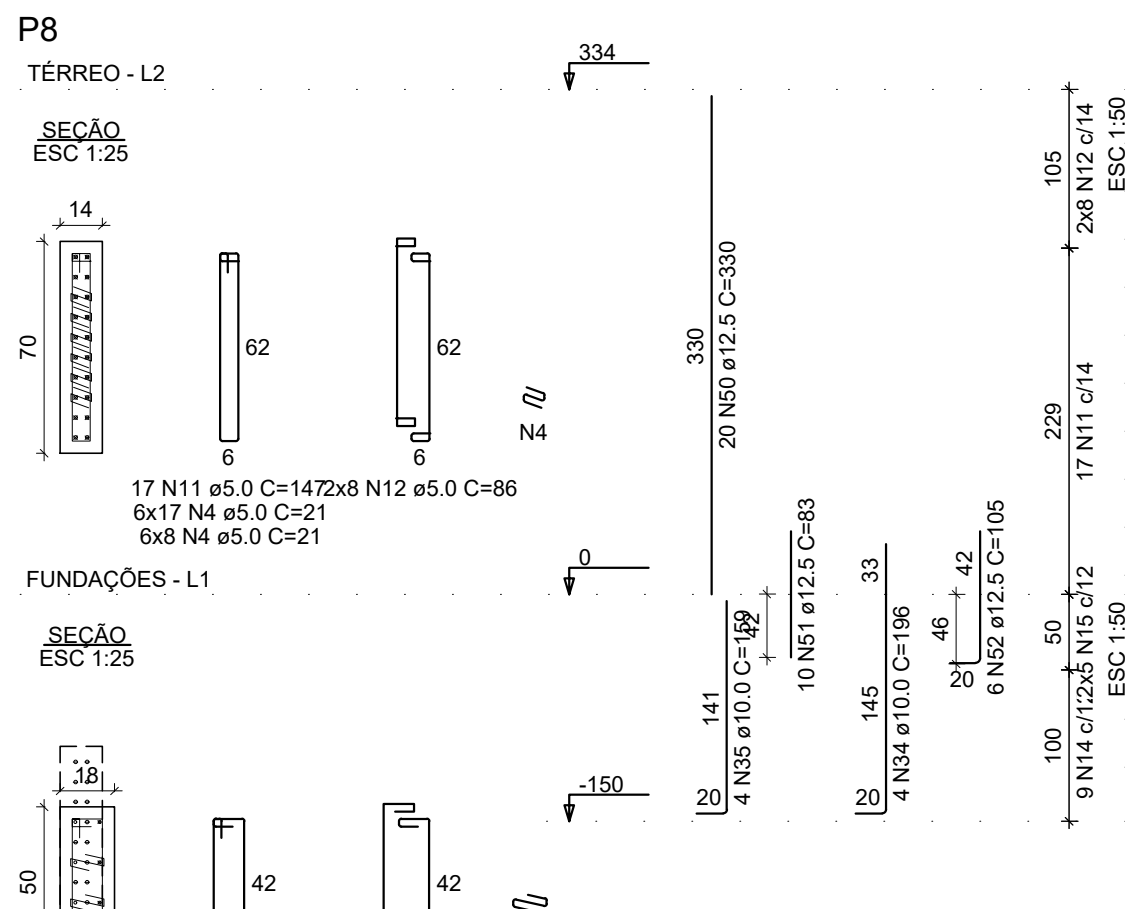
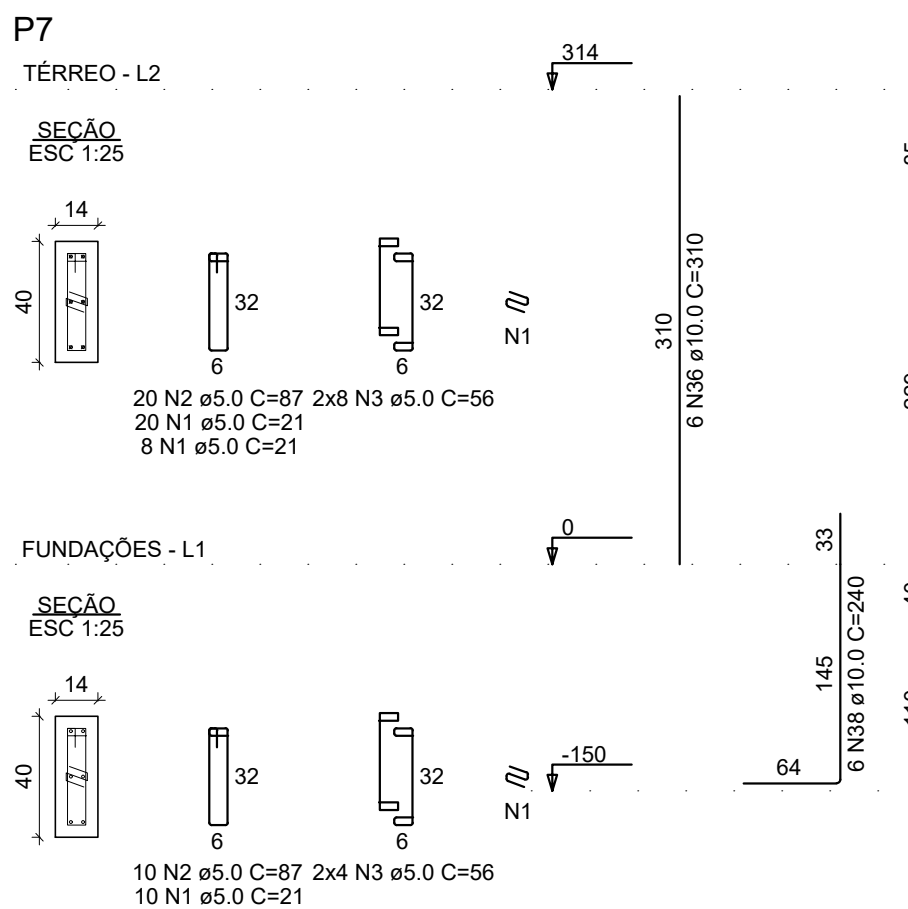
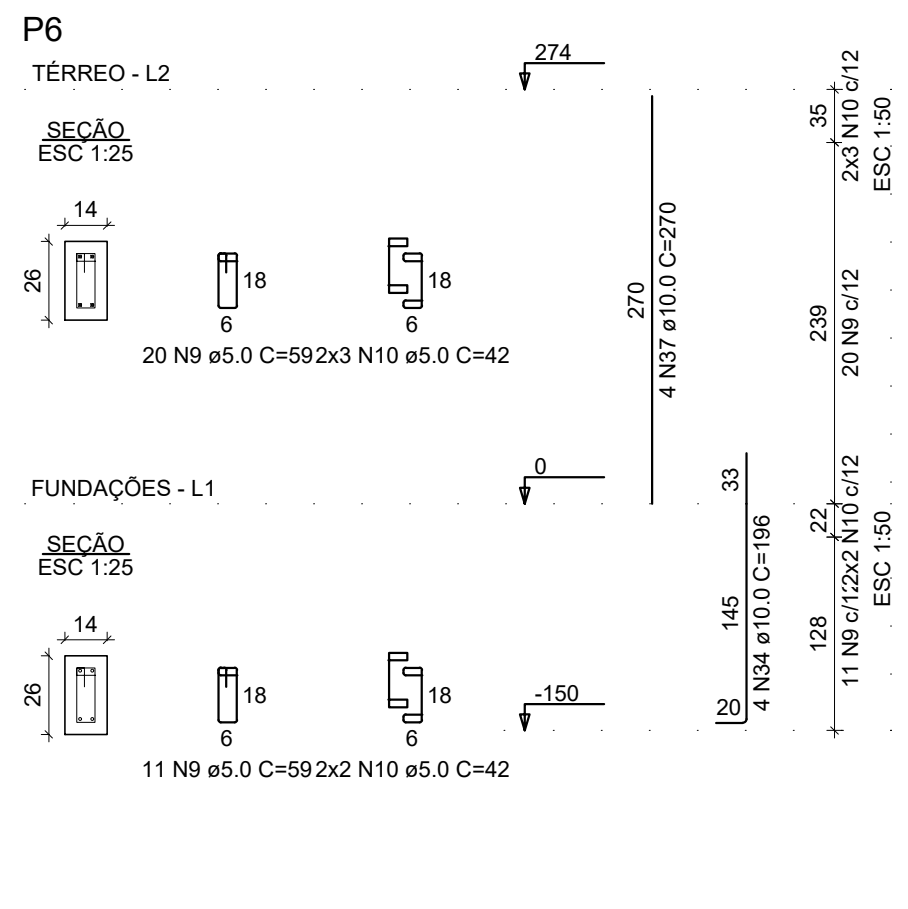
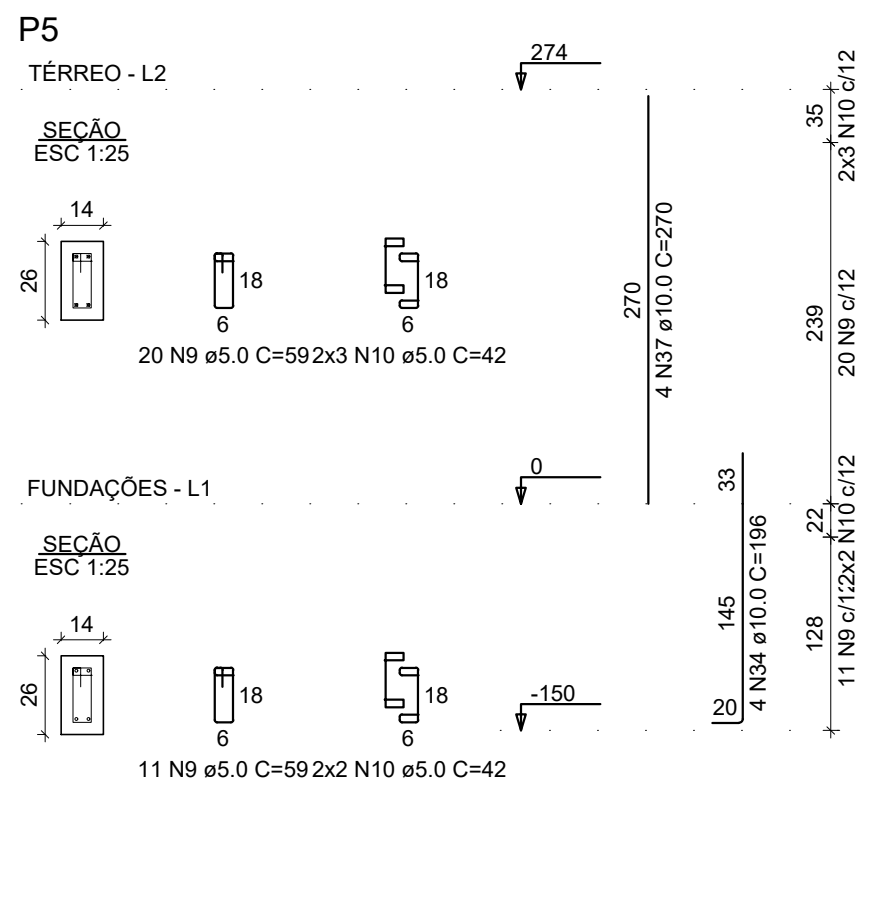
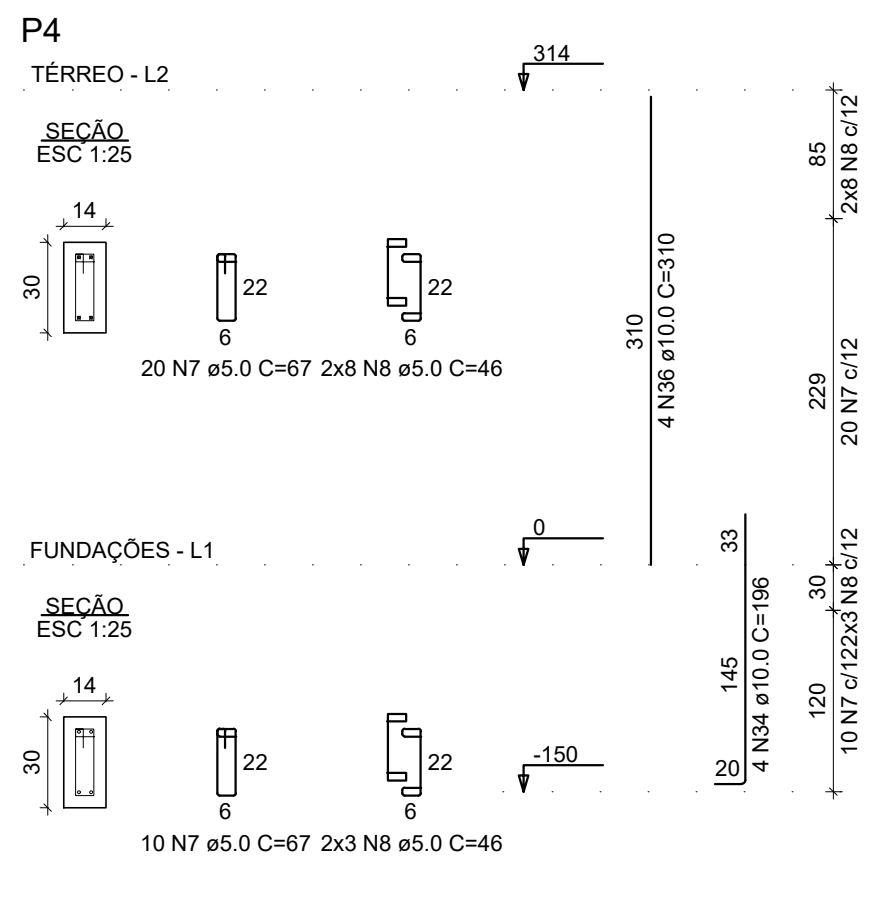
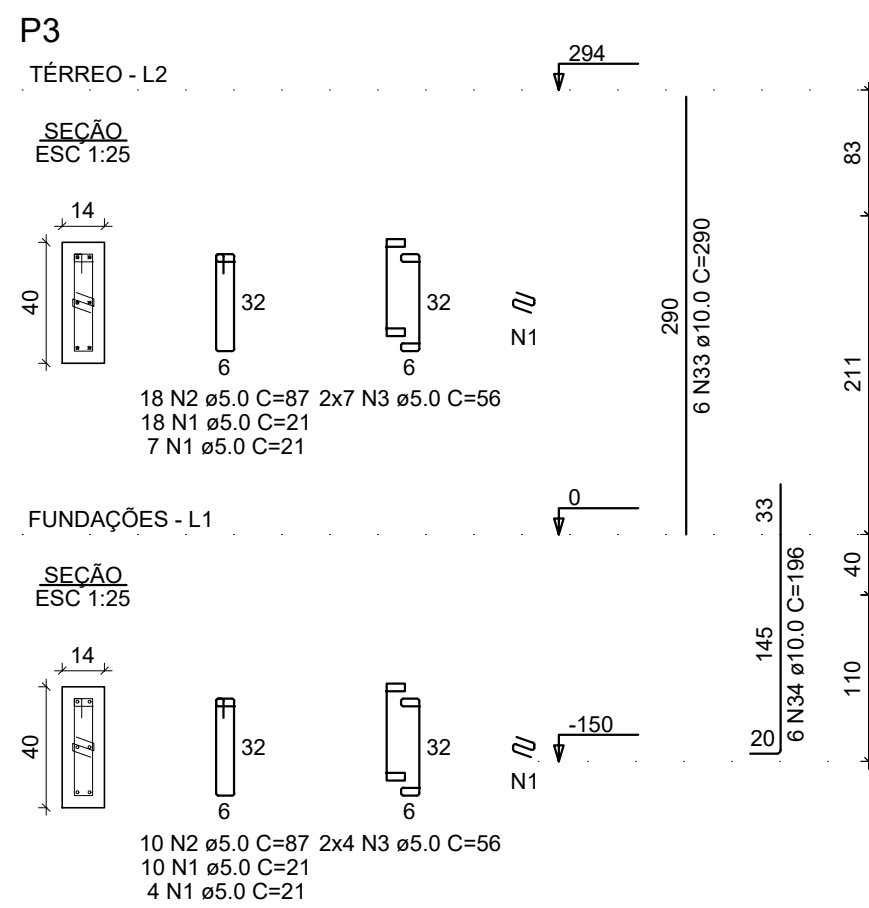
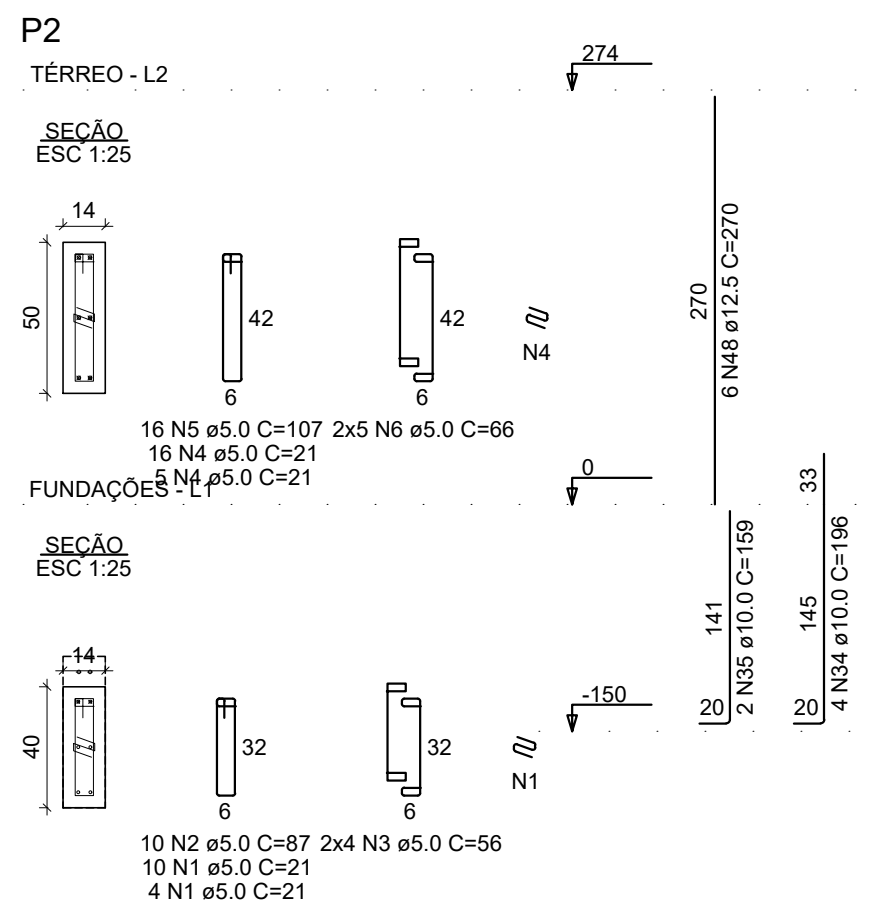
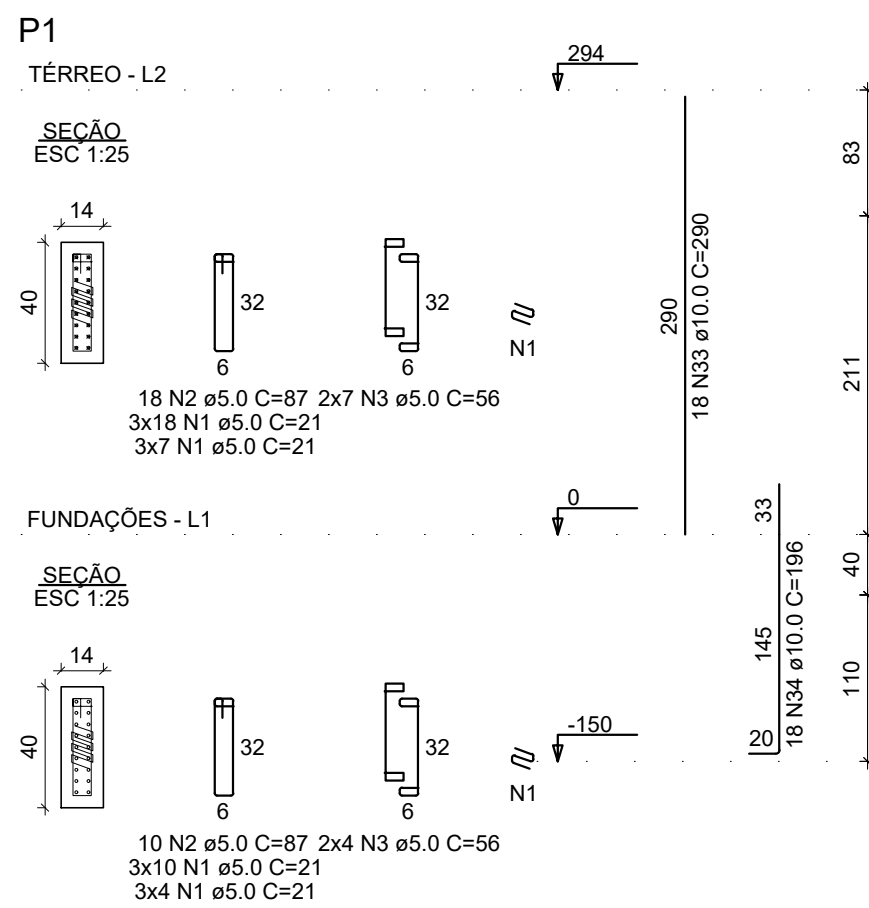




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P1-L2	1	5.0	310	21	6510
P2-L1	2	5.0	136	87	11832
P3-L1	3	5.0	108	56	6048
P4-L2	4	5.0	365	21	7665
P5-L1	5	5.0	24	107	2568
P6-L2	6	5.0	16	66	1056
P7-L1	7	5.0	30	67	2010
P8-L1	8	5.0	22	46	1012
P9-L2	9	5.0	96	59	5664
P10-L2	10	5.0	20	42	840
P11-L1	11	5.0	17	147	2499
P12-L2	12	5.0	16	86	1376
P13-L1	13	5.0	28	25	700
P14-L2	14	5.0	19	115	2160
P15-L1	15	5.0	10	74	740
P16-L2	16	5.0	161	22	3542
P17-L1	17	5.0	20	36	720
P18-L2	18	5.0	14	88	1232
P19-L1	19	5.0	17	127	2159
P20-L3	20	5.0	16	76	1216
	21	5.0	25	87	2175
	22	5.0	26	58	1508
	23	5.0	56	22	1232
	24	5.0	129	19	2451
	25	5.0	18	78	1404
	26	5.0	9	25	225
	27	5.0	5	95	475
	28	5.0	8	64	512
	29	5.0	40	47	1880
	30	5.0	20	36	720
	31	5.0	20	65	1300
	32	5.0	28	37	1036
	33	10.0	24	280	6960
	34	10.0	56	196	10976
	35	10.0	14	159	2226
	36	10.0	20	310	6200
	37	10.0	8	270	2160
	38	10.0	6	240	1440
	39	10.0	4	166	664
	40	10.0	12	320	3840
	41	10.0	4	87	348
	42	10.0	6	265	1590
	43	10.0	20	106	2120
	44	10.0	9	68	612
	45	10.0	5	67	335
	46	10.0	11	106	1166
	47	10.0	10	197	1970
	48	12.5	6	270	1620
	49	12.5	4	95	380
	50	12.5	40	330	13200
	51	12.5	12	83	996
	52	12.5	6	105	630
	53	12.5	4	217	868
	54	12.5	16	263	4208
	55	12.5	4	128	512
	56	12.5	8	174	1392
	57	12.5	2	67	134
	58	12.5	4	114	456
	59	16.0	22	330	7260
	60	16.0	10	105	1050

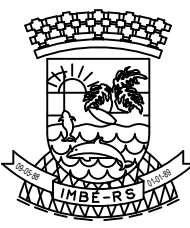
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	426.1	289
	12.5	244	258.5
CA60	16.0	83.1	144.3
	5.0	770.1	130.6
PESO TOTAL (kg)			
CA50		691.8	
CA60		130.6	

Volume de concreto (C-30) = 3.72 m³
Área de forma = 69.88 m²

EQUIPE TÉCNICA DO DEPLAN:

ASAFE BONISONI FAGUNDES - ENGENHEIRO CIVIL - CREA 216663
CARILLA VOLPATTO - ARQUITETA E URBANISTA - CAU A228360-2
FABIANA KENIA DE AVILA - ARQUITETA E URBANISTA - CAU A81768-0
JESUN RIGOTTO CAMPEGIANI - ARQUITETO E URBANISTA - CAU A8810-4
MARIA OLIVEIRA - ARQUITETA E URBANISTA - CAU 87121-5
PEDRO NUNES SANT'ANNA - CREA SC119078-7
RENATO TREVIHAN DUARTE - ENGENHEIRO CIVIL - CREA 57182-0



ESTADO DO RIO GRANDE DO SUL
PREFEITURA MUNICIPAL DE IMBÉ
AVENIDA PARAGUASSU, 1043 - CENTRO - CEP 95.625-000 - IMBÉ - RS
FONE: 51 3627.2655 - FAX: 51 3627.8200

OBRA:

EMEI VÓ ROSA
PROJETO ESTRUTURAL - AMPLIAÇÃO
ENDEREÇO: RUA DO COMENDADOR DE ALMEIDA, 100 - JARDIM TUPACATI, IMBÉ - RS

ADMINISTRAÇÃO
2021/2024

SECRETARIA MUNICIPAL
DE FINANÇAS E
PLANEJAMENTO
ESTRATÉGICO

DEPLAN

deplan@imbe.rs.gov.br

MARIA DAS GRAÇAS S. DE MATOS
SECRETARIA MUNICIPAL DE FINANÇAS E
PLANEJAMENTO ESTRATÉGICO
PORTARIA 599/2024

ASAFE BONISONI FAGUNDES
ENGENHEIRO CIVIL
CREA RS- 216663
PORTARIA 296/2018

CARILLA PORTAL VOLPATTO
ARQUITETA E URBANISTA
CAU A228360-2
PORTARIA 1.258/2022

PROJETO: PILARES
ESTRUTURA DA SALA DE AULA A AMPLIAR

DESENHO:
ABF

ESCALA:
1/50

DATA:
ABR/2024

ÁREA:
146,39m²

FRANCHA:
ES05