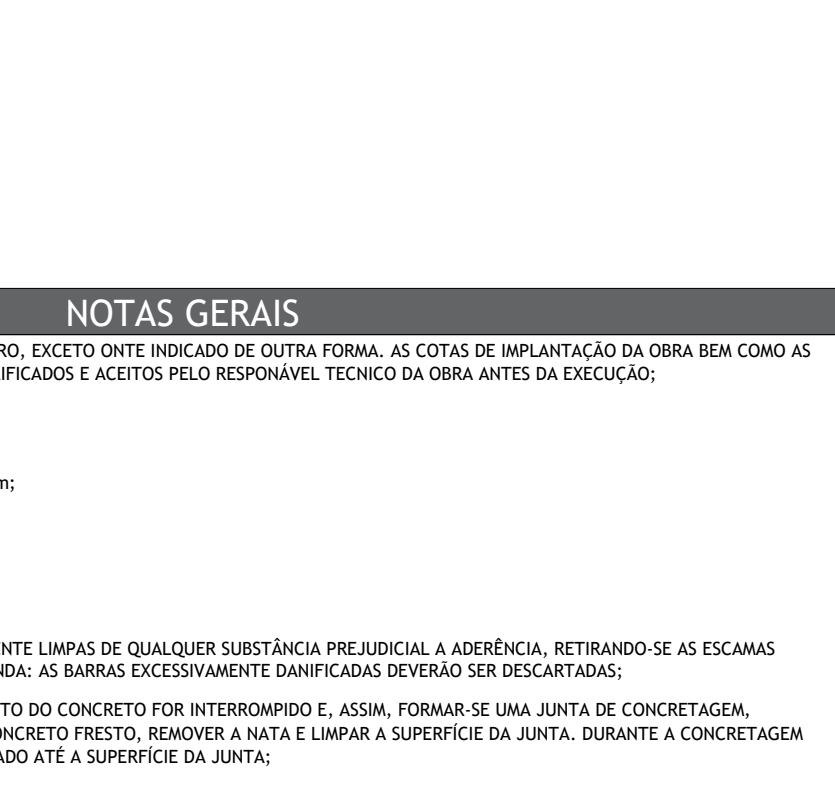
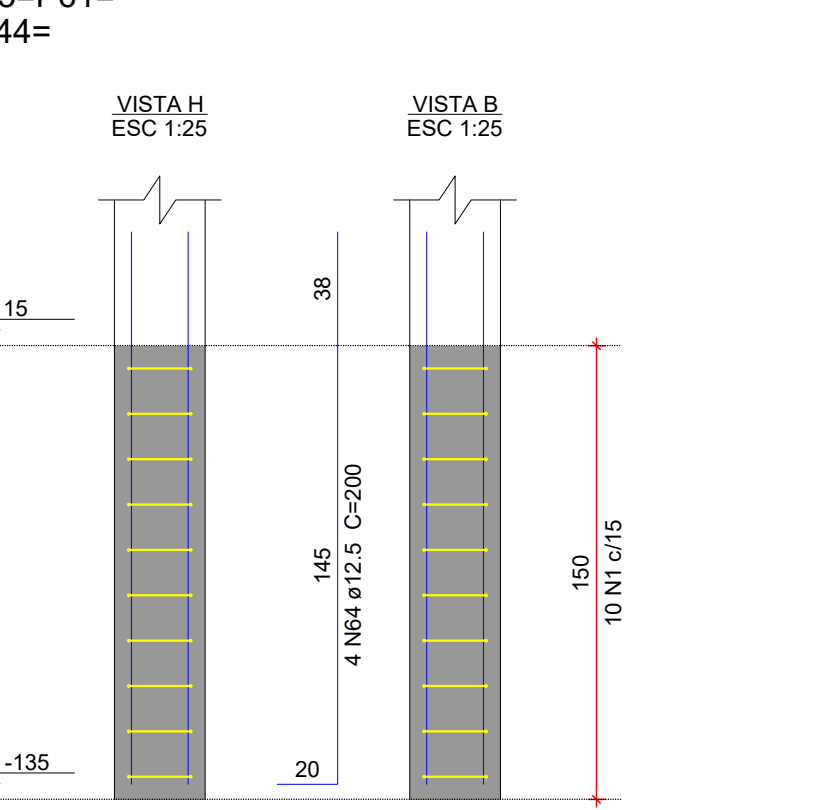
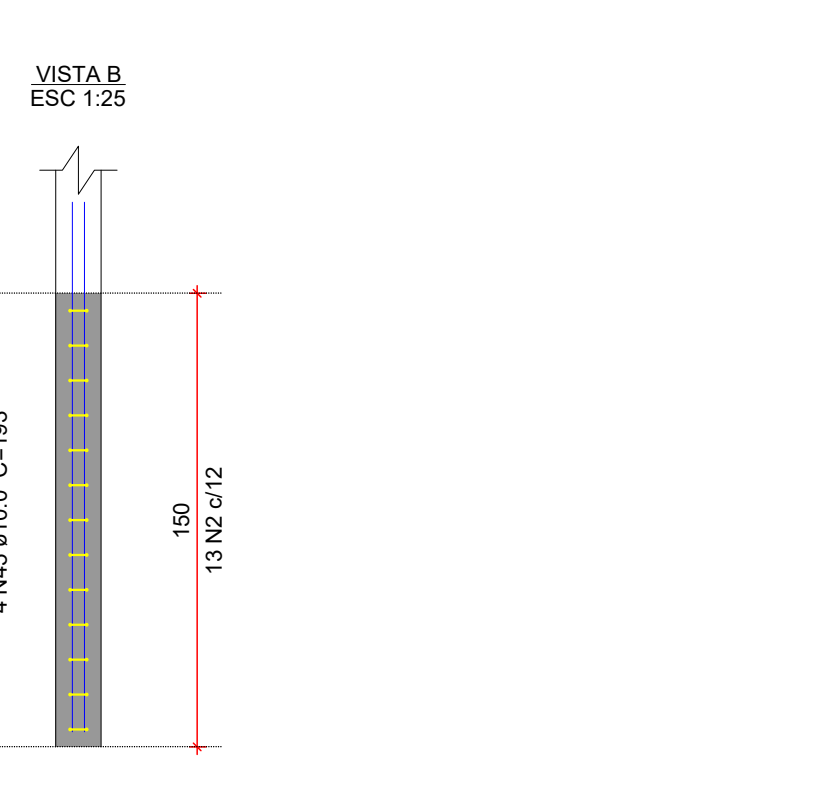
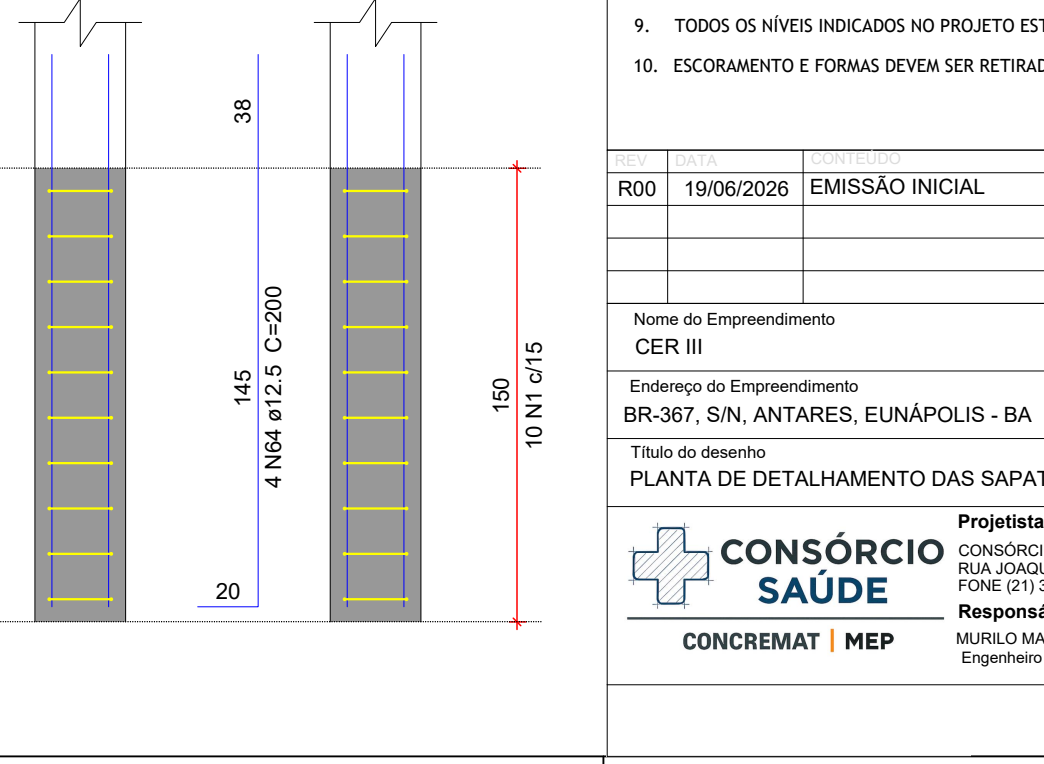
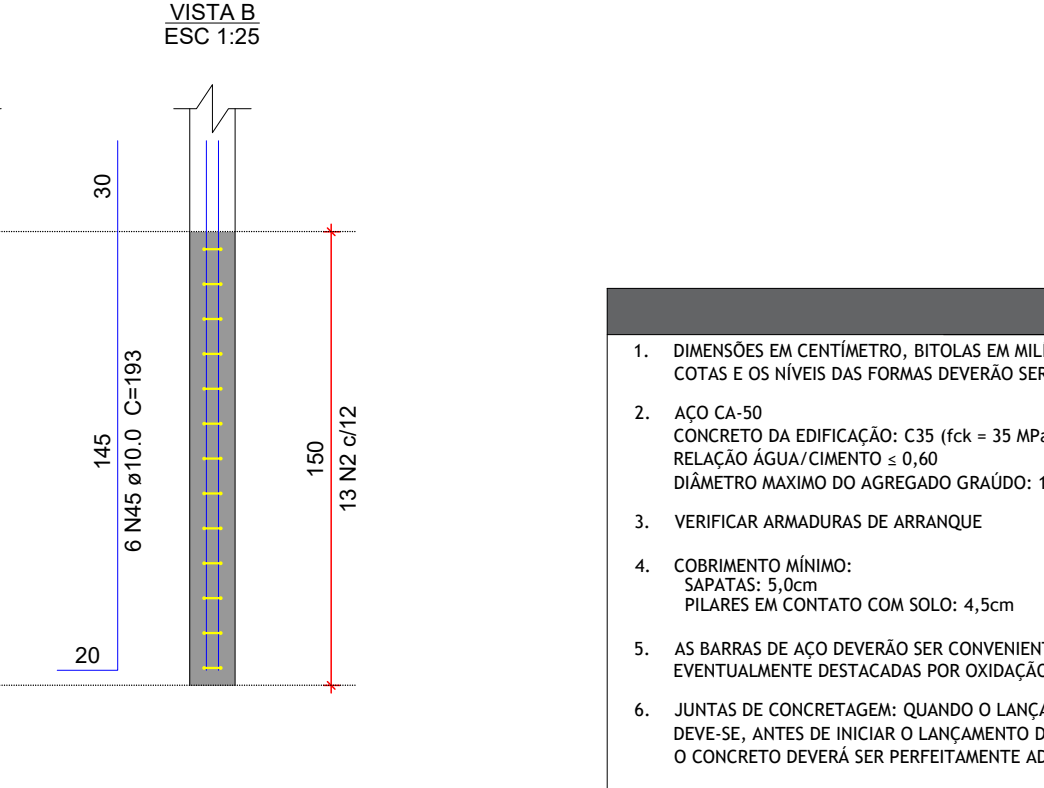
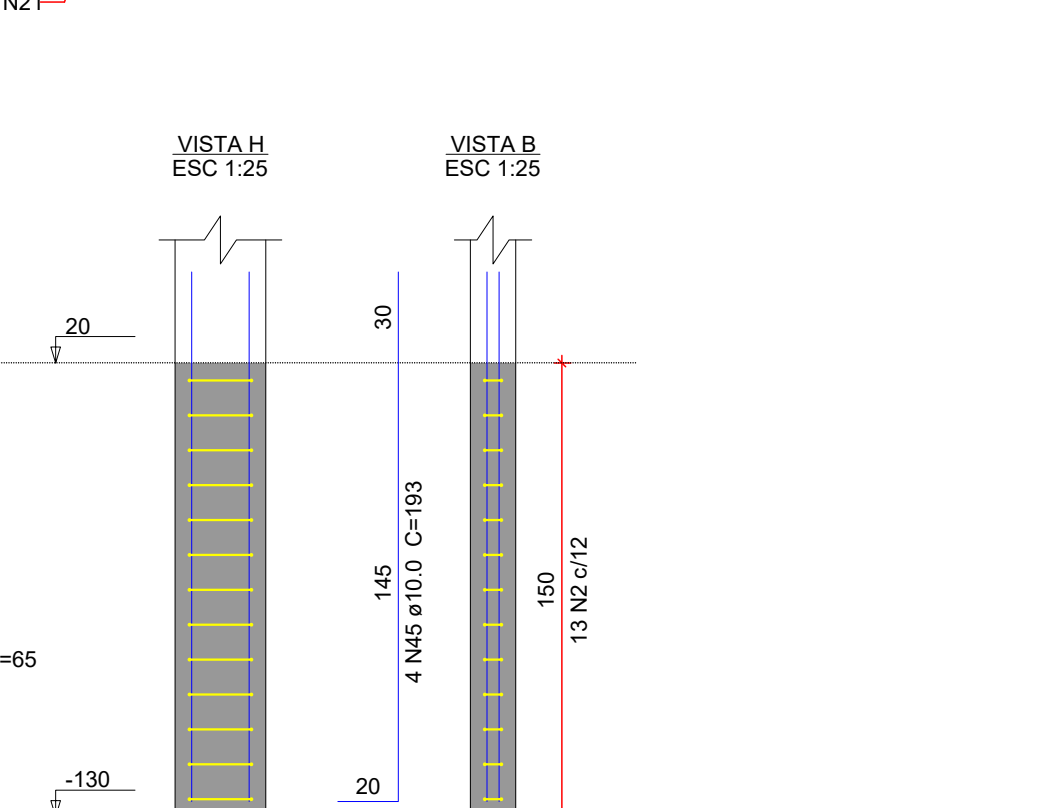
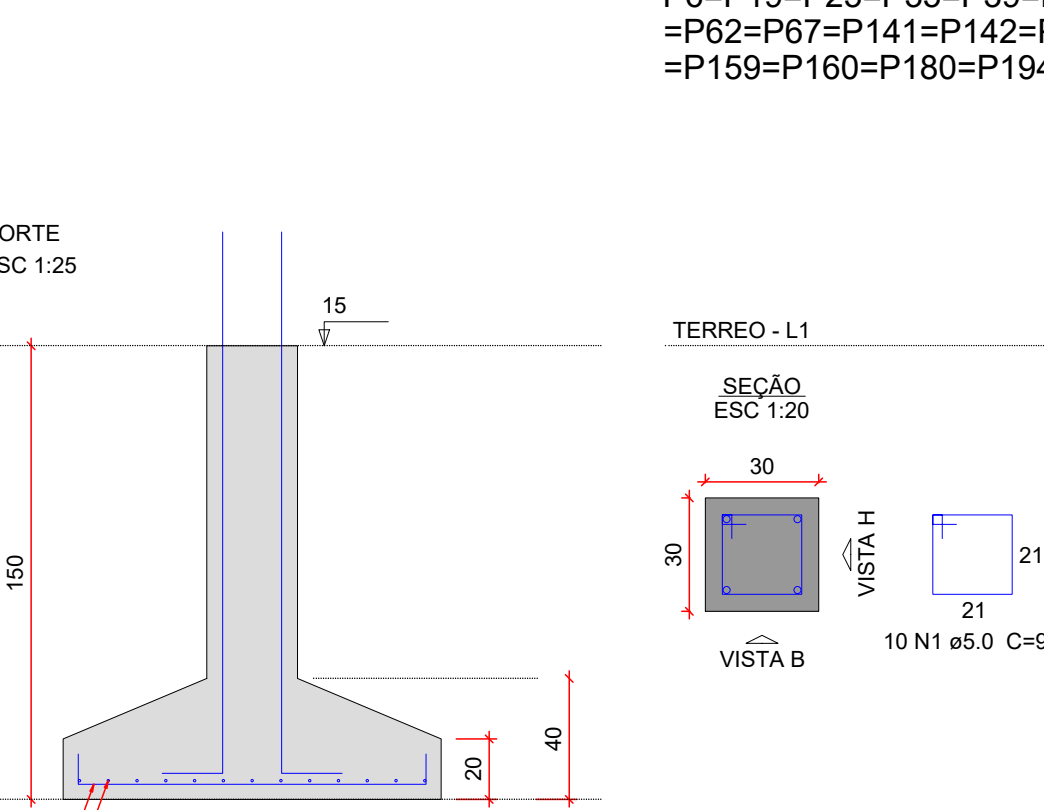
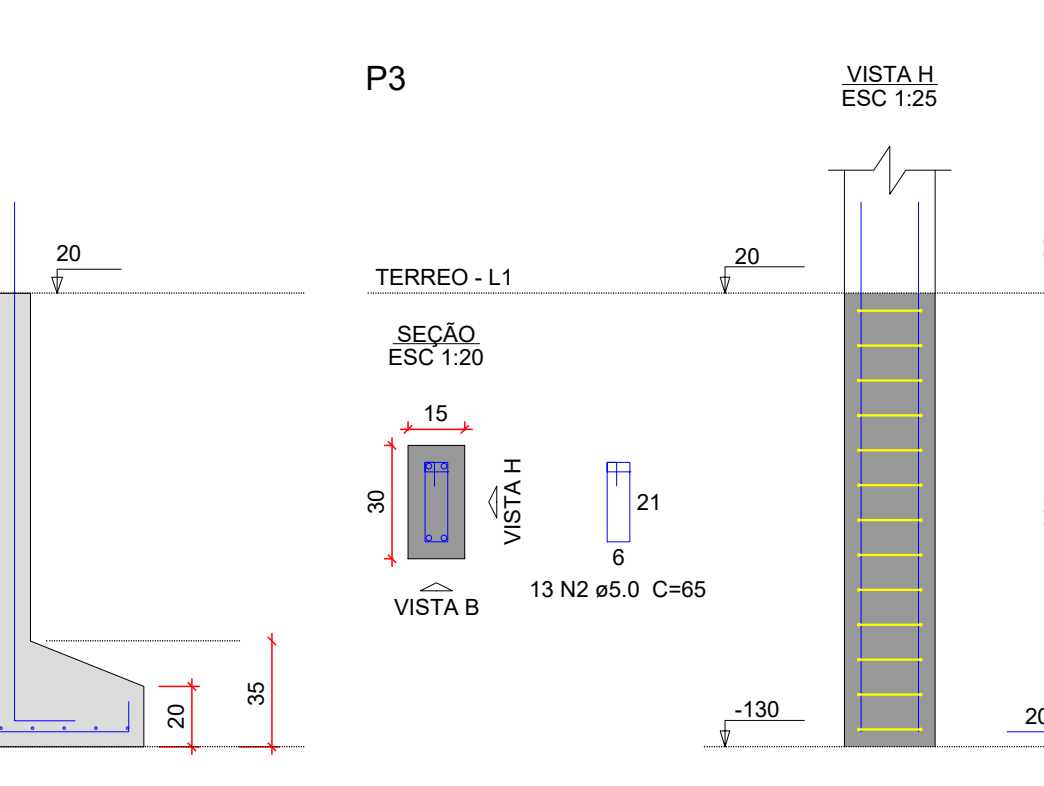
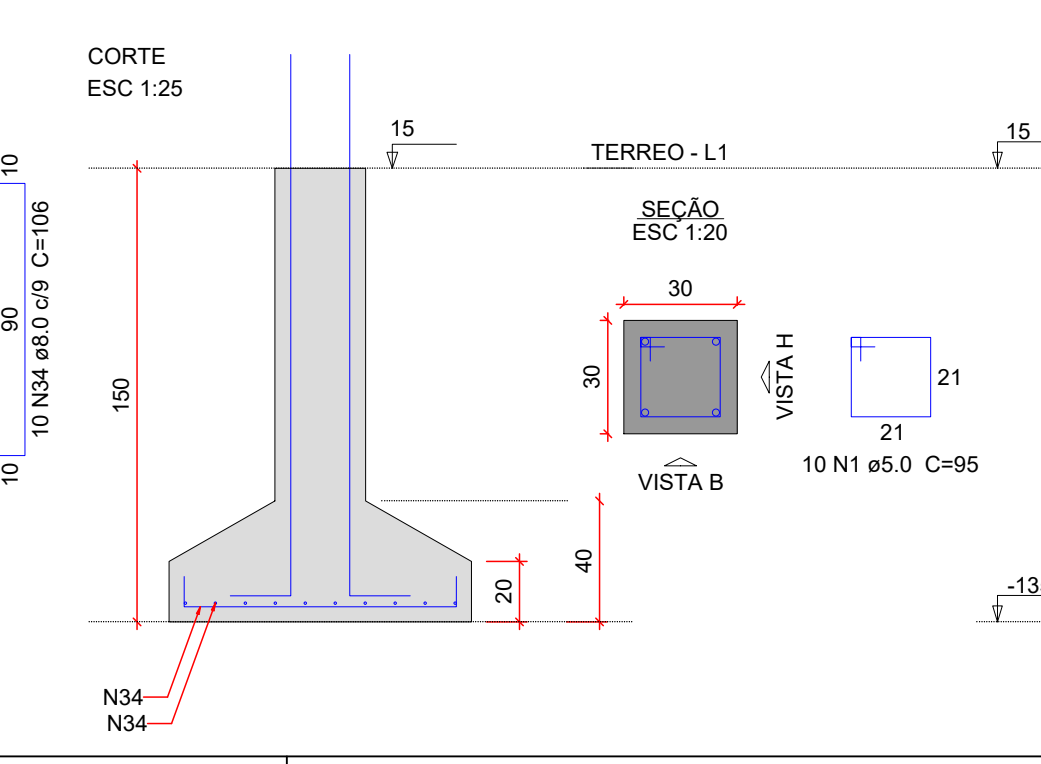
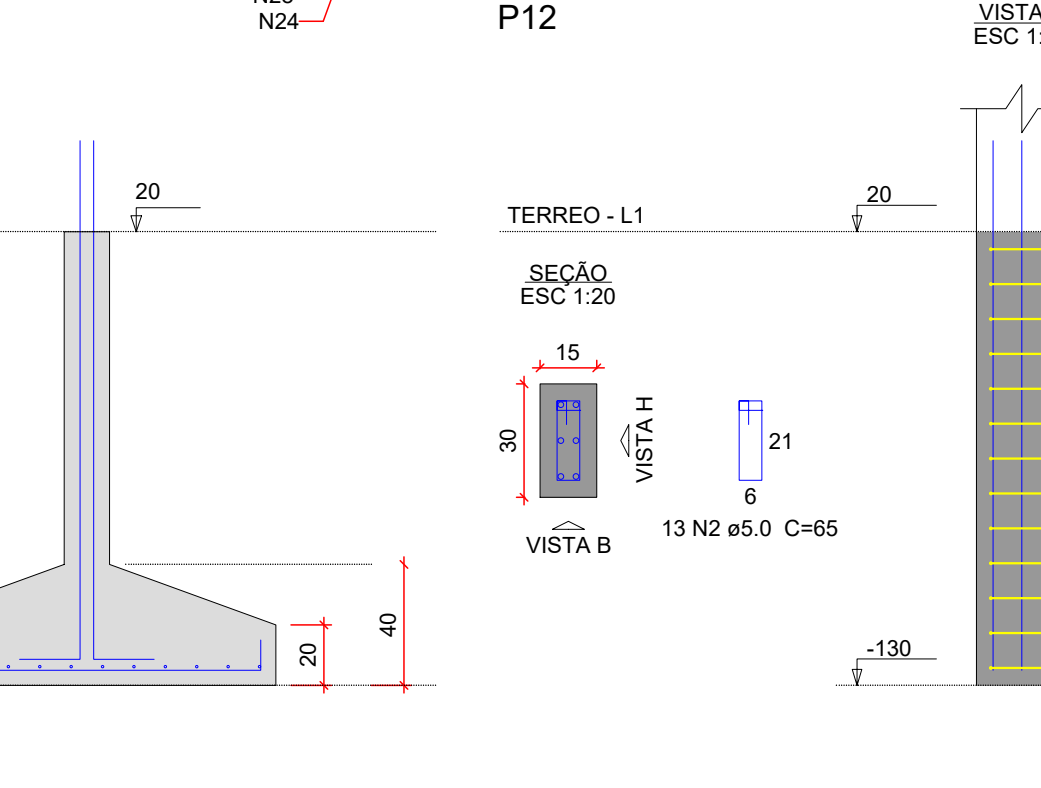
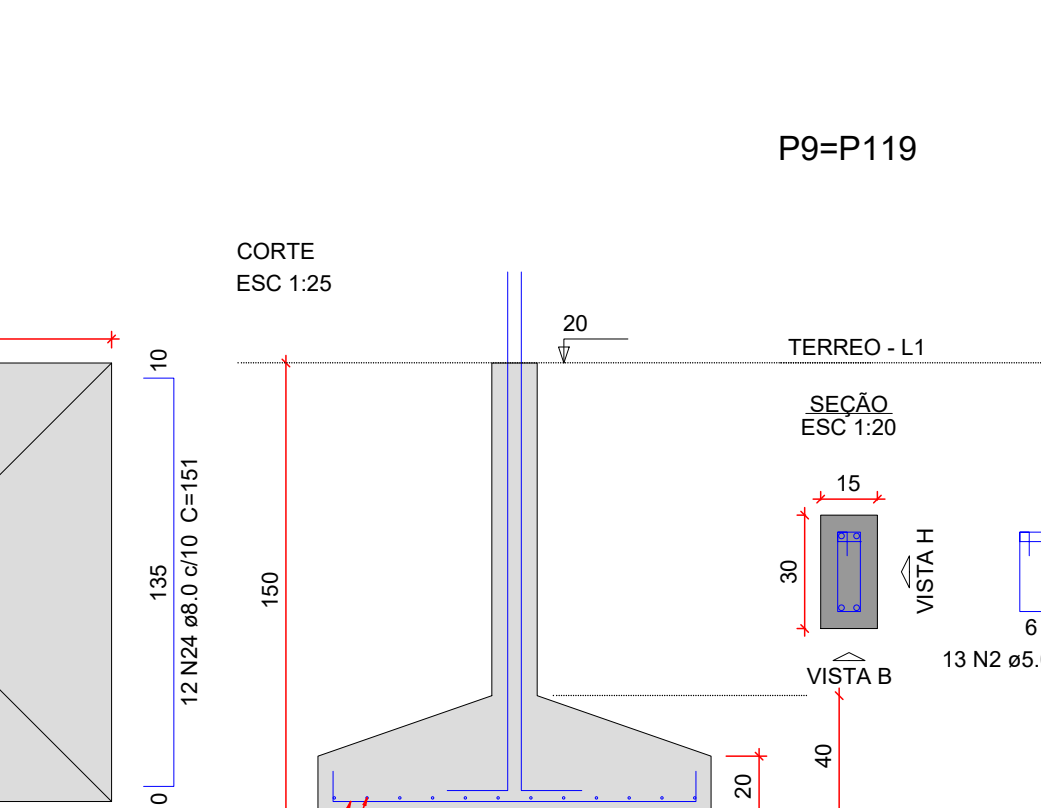
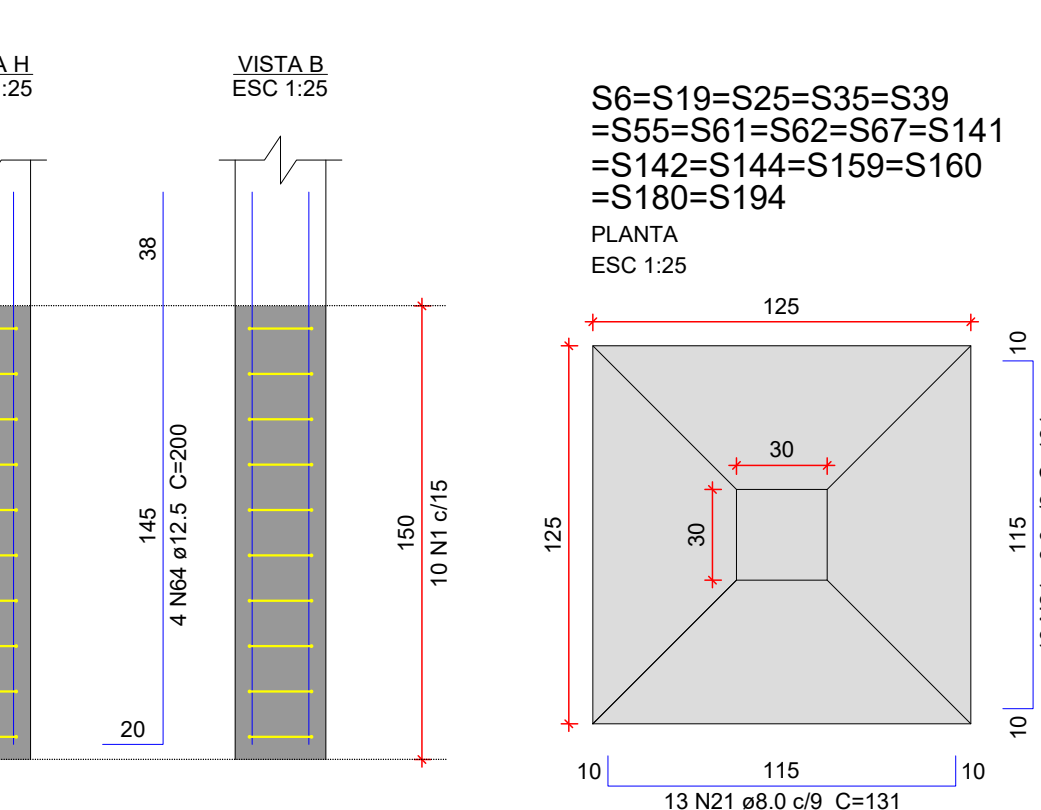
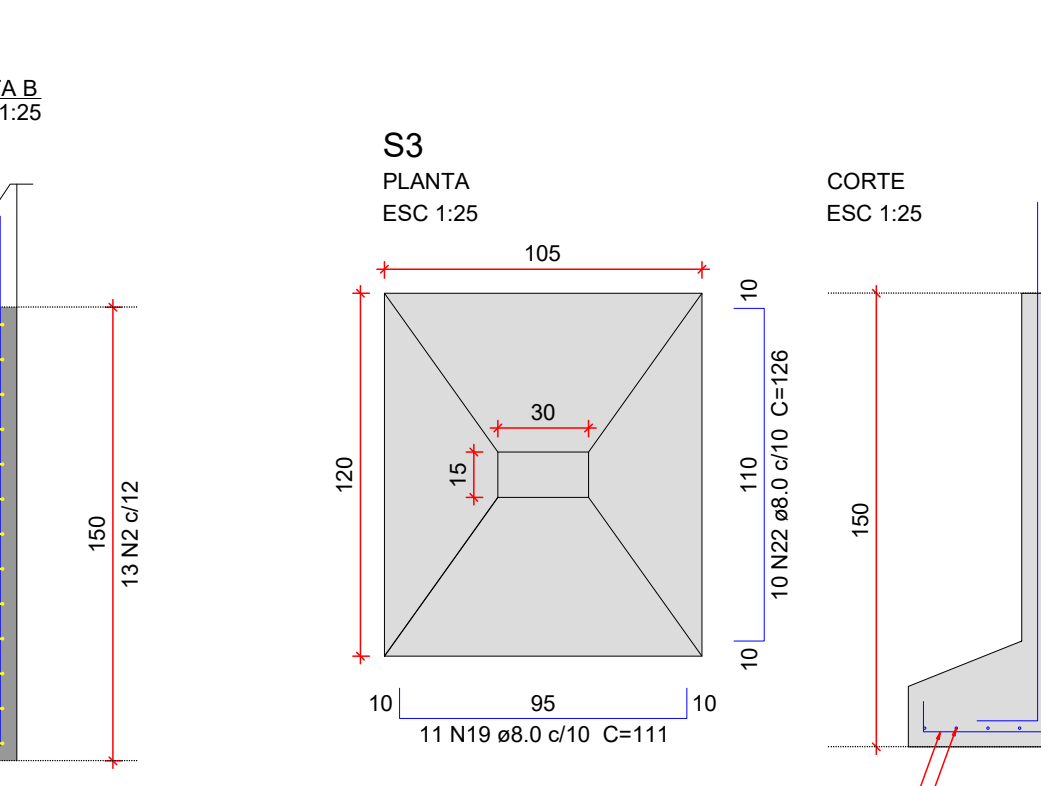
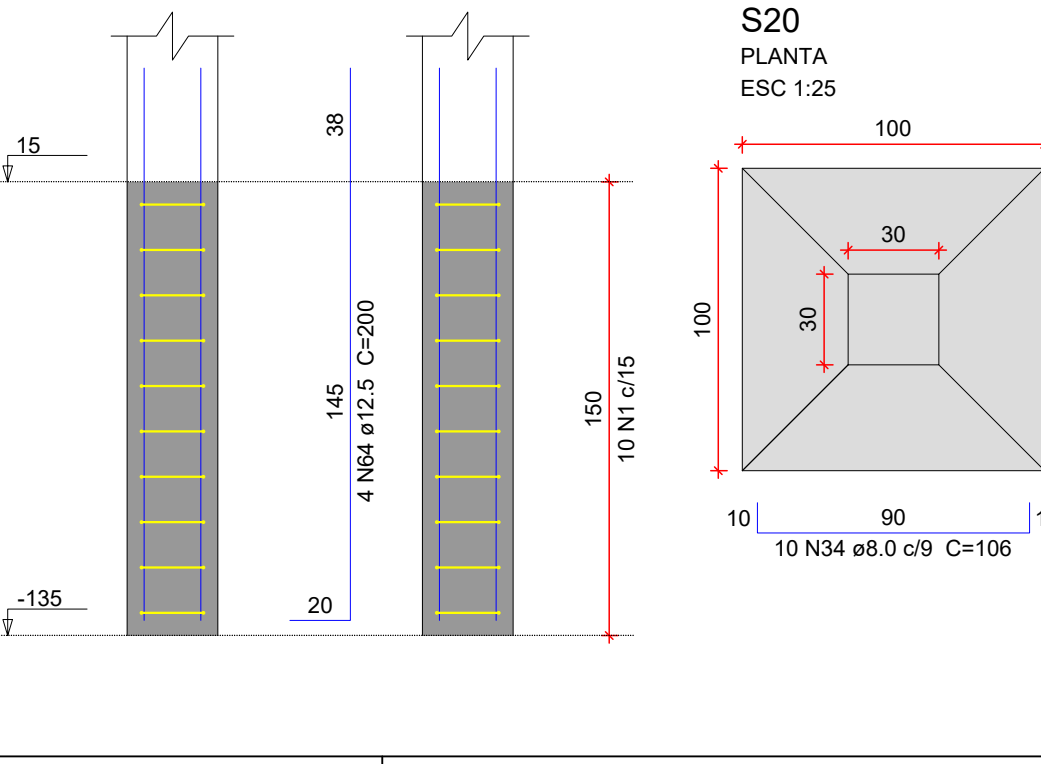
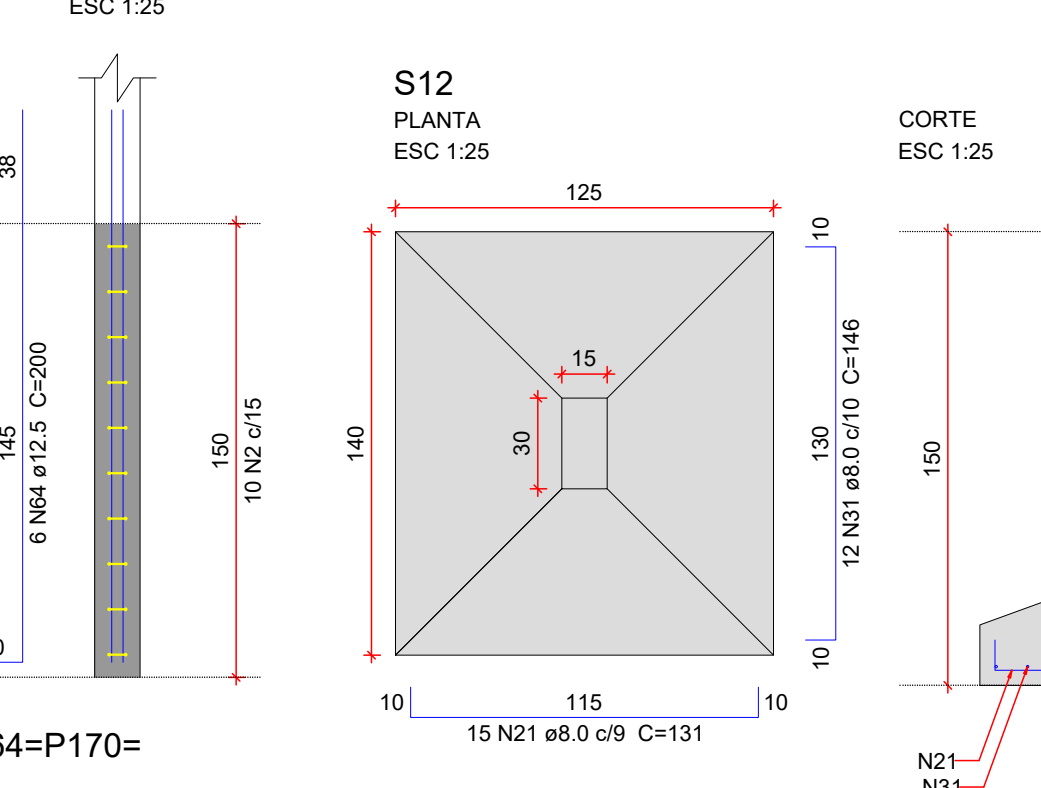
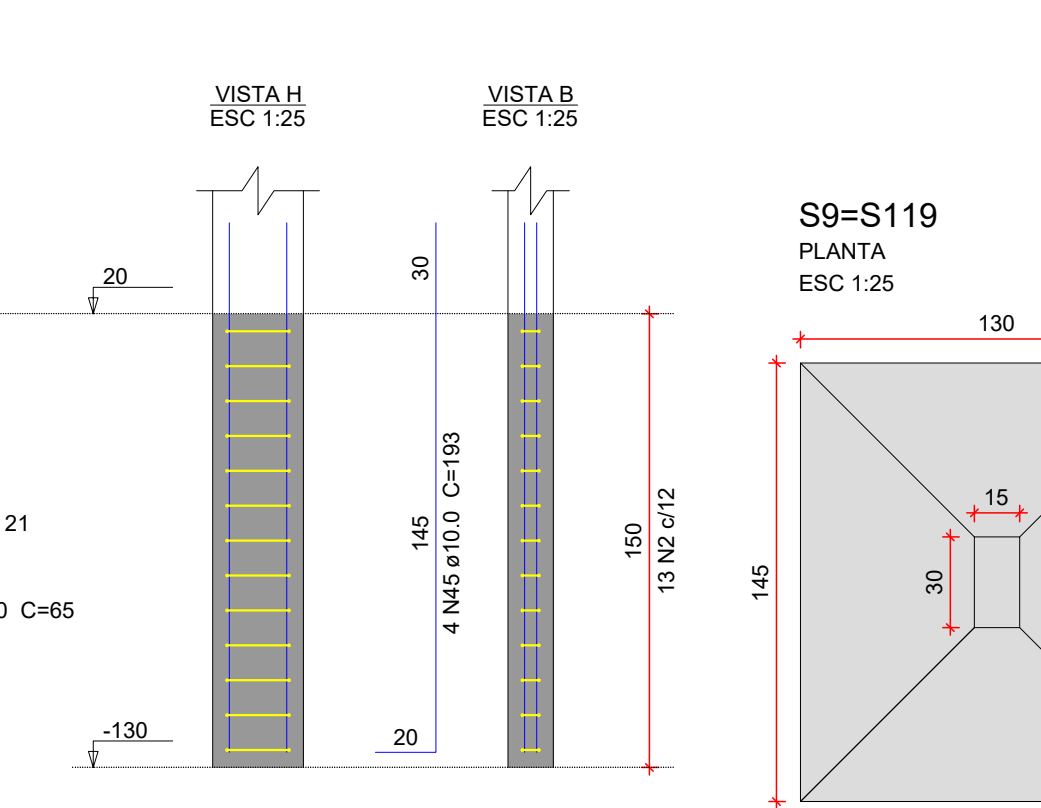
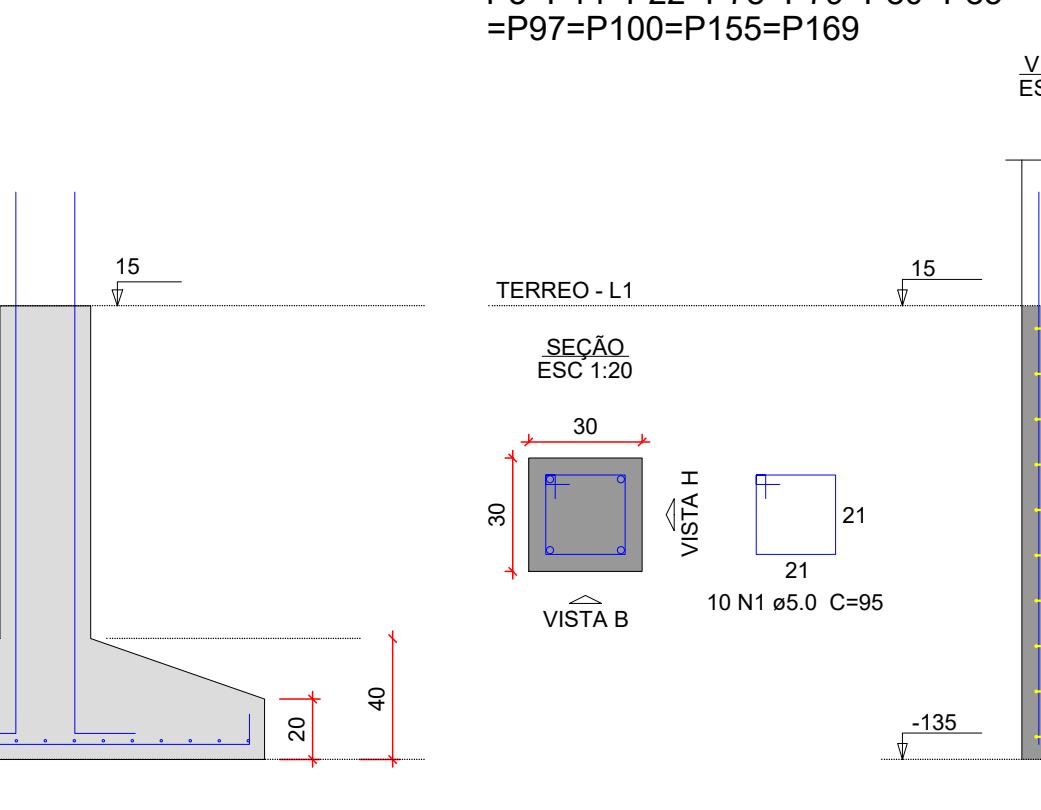
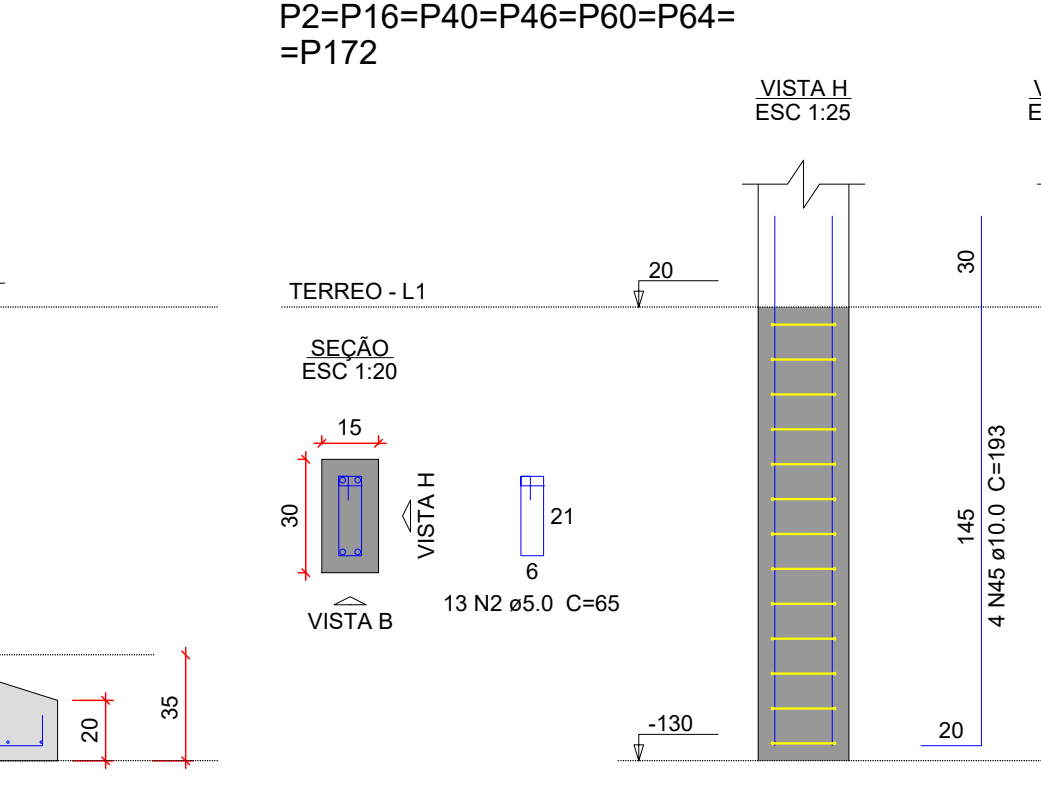
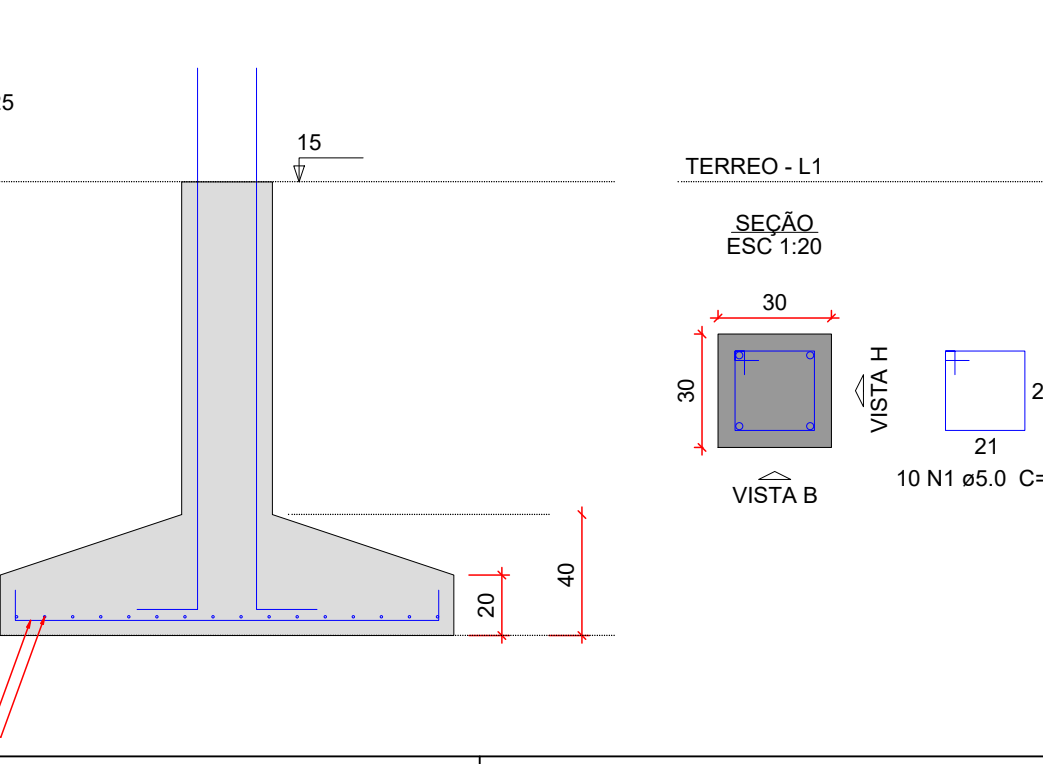
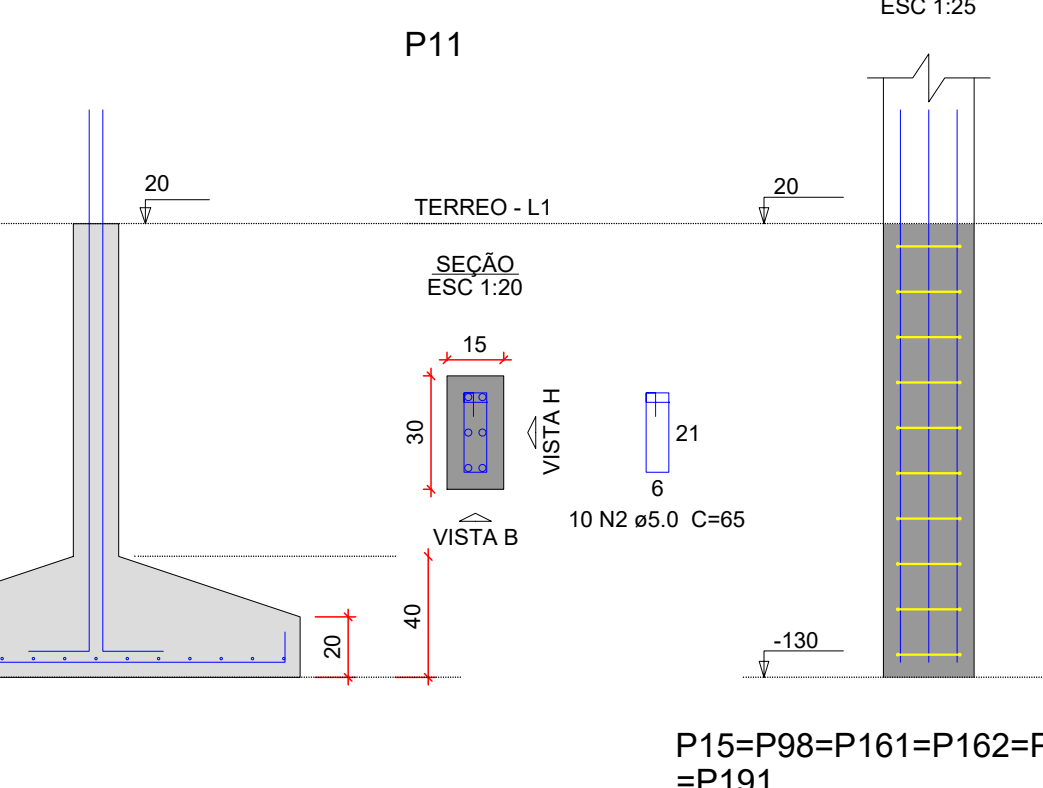
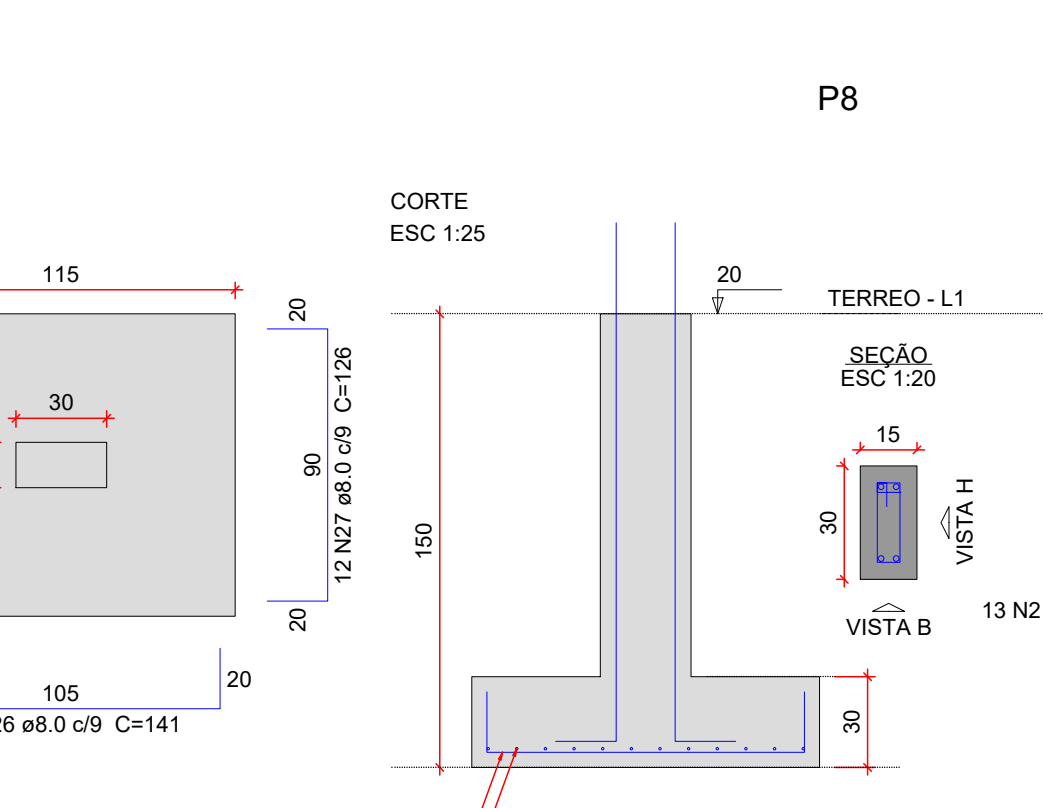
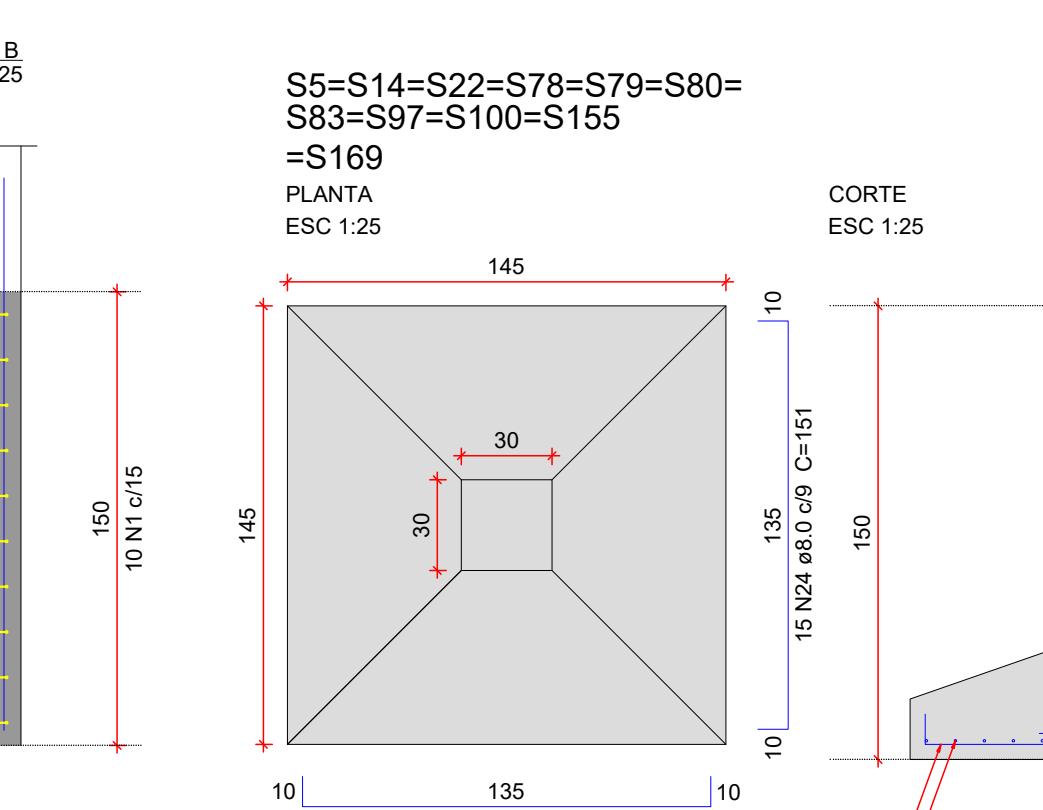
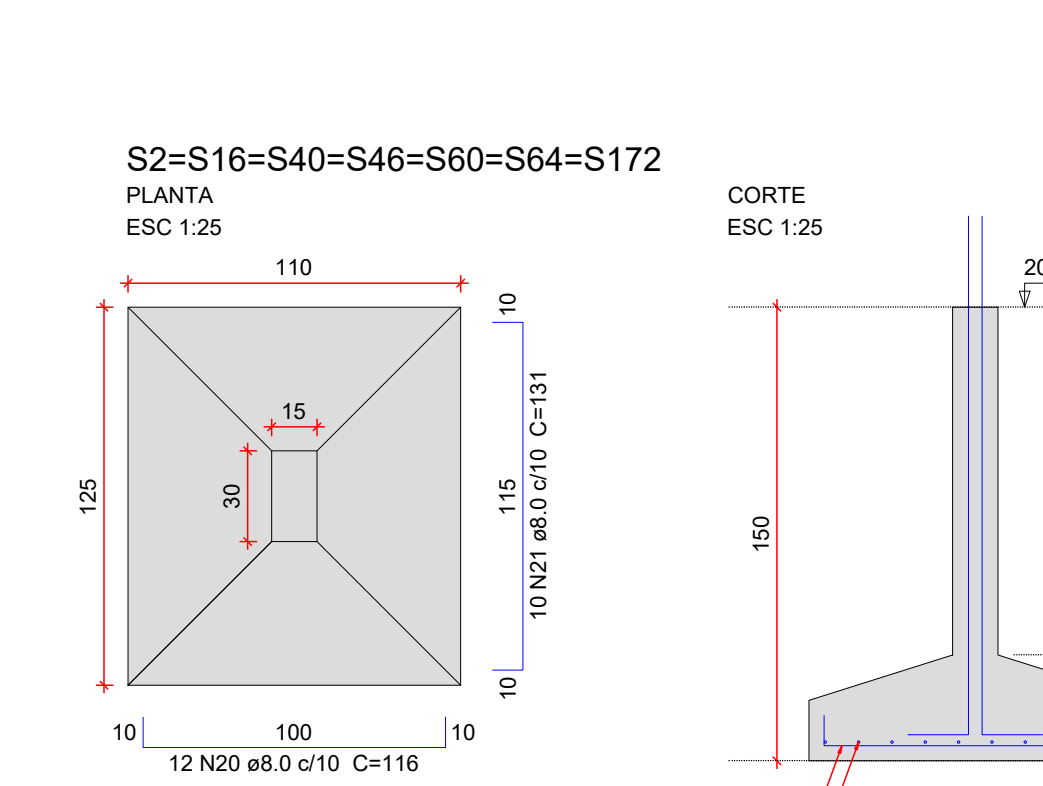
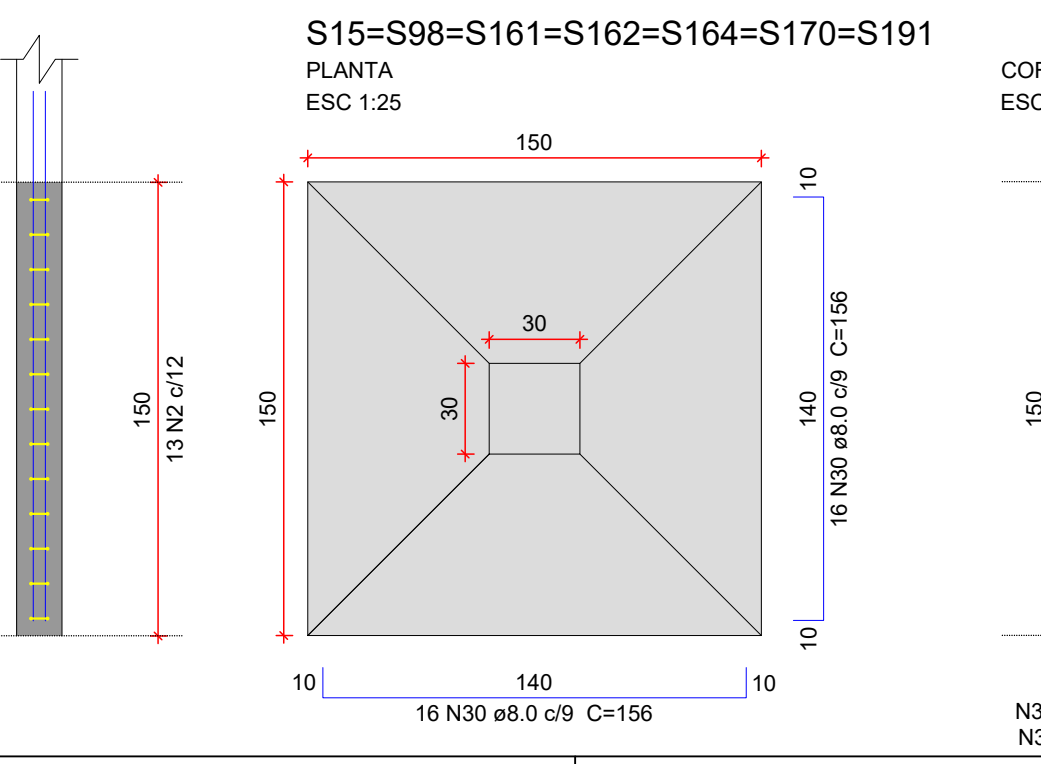
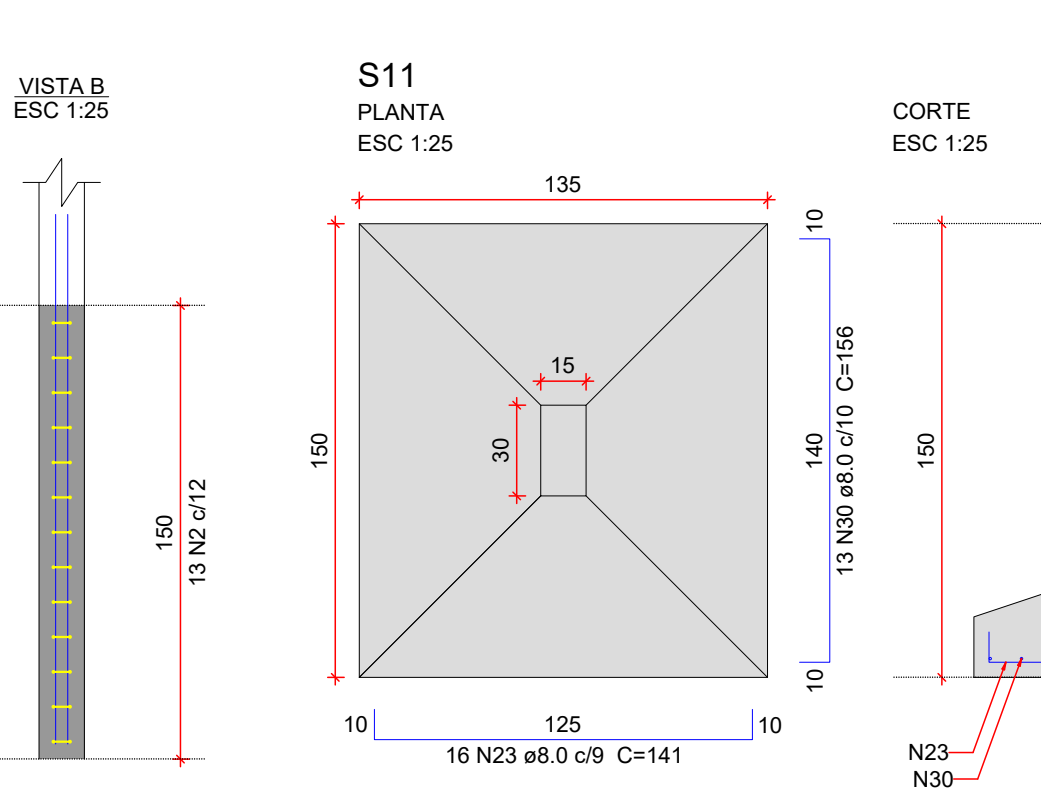
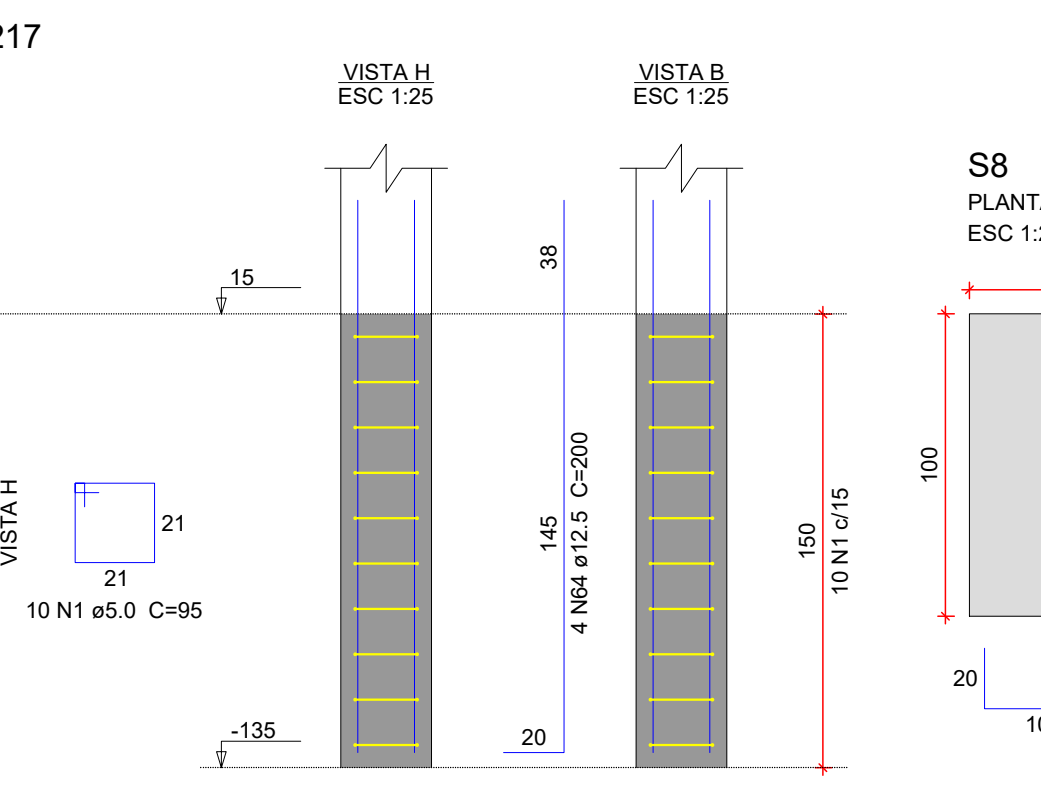
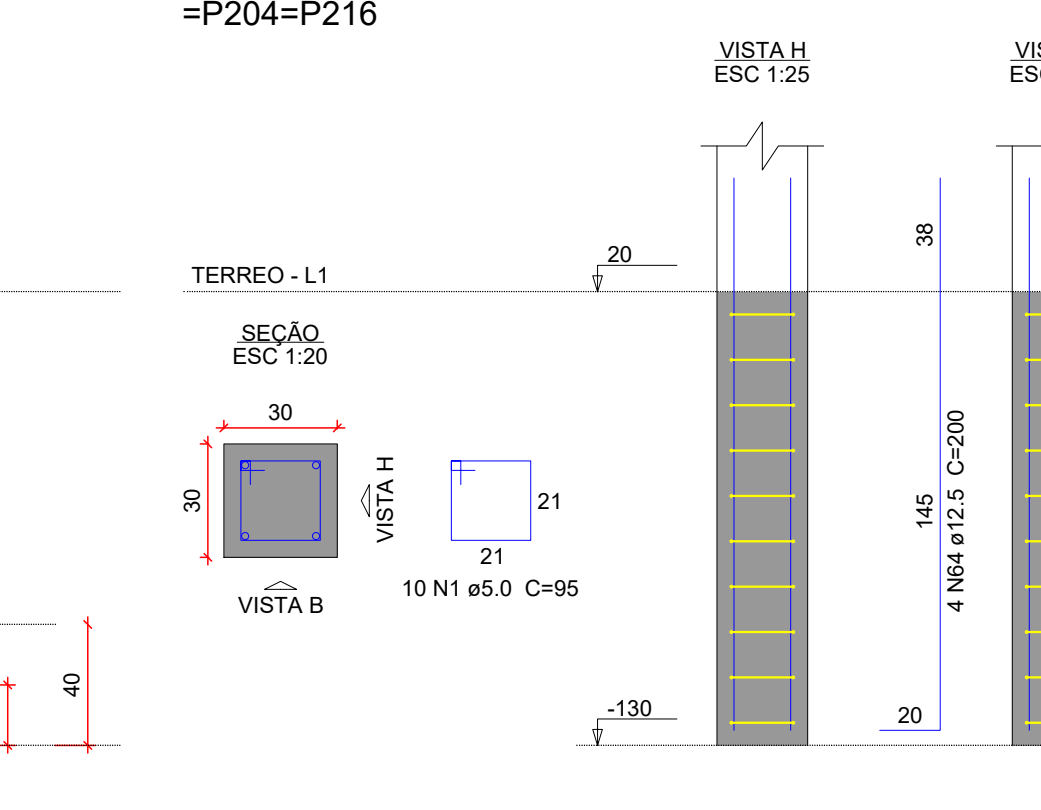
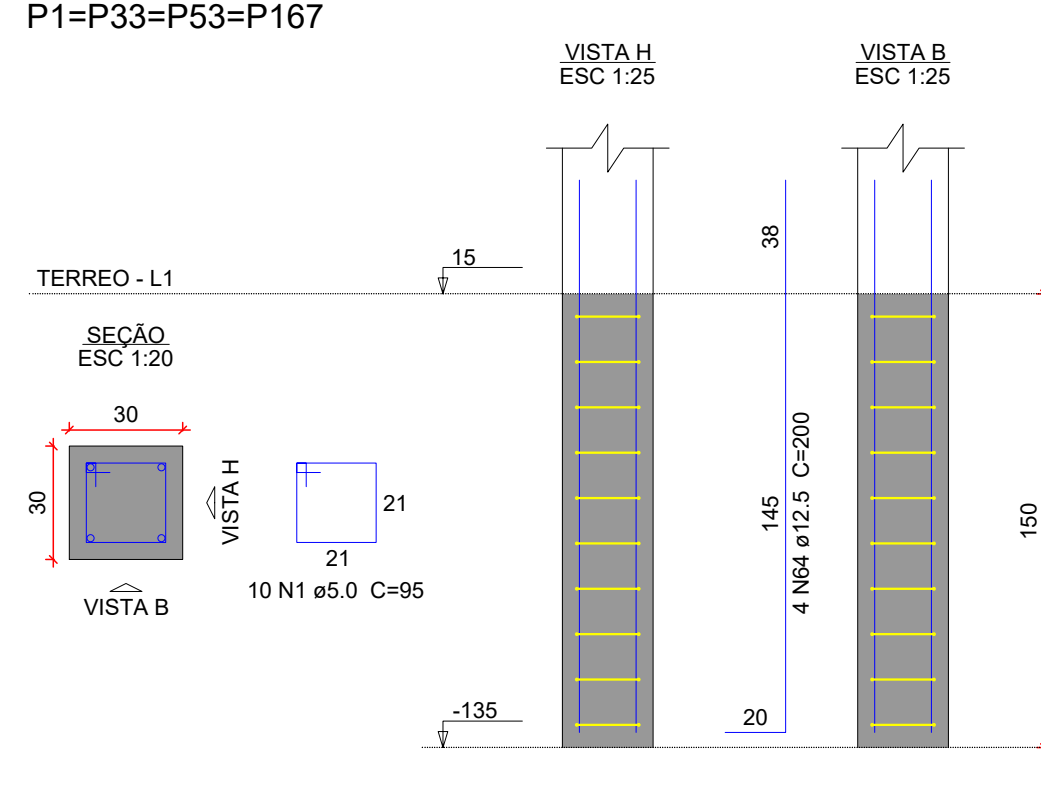
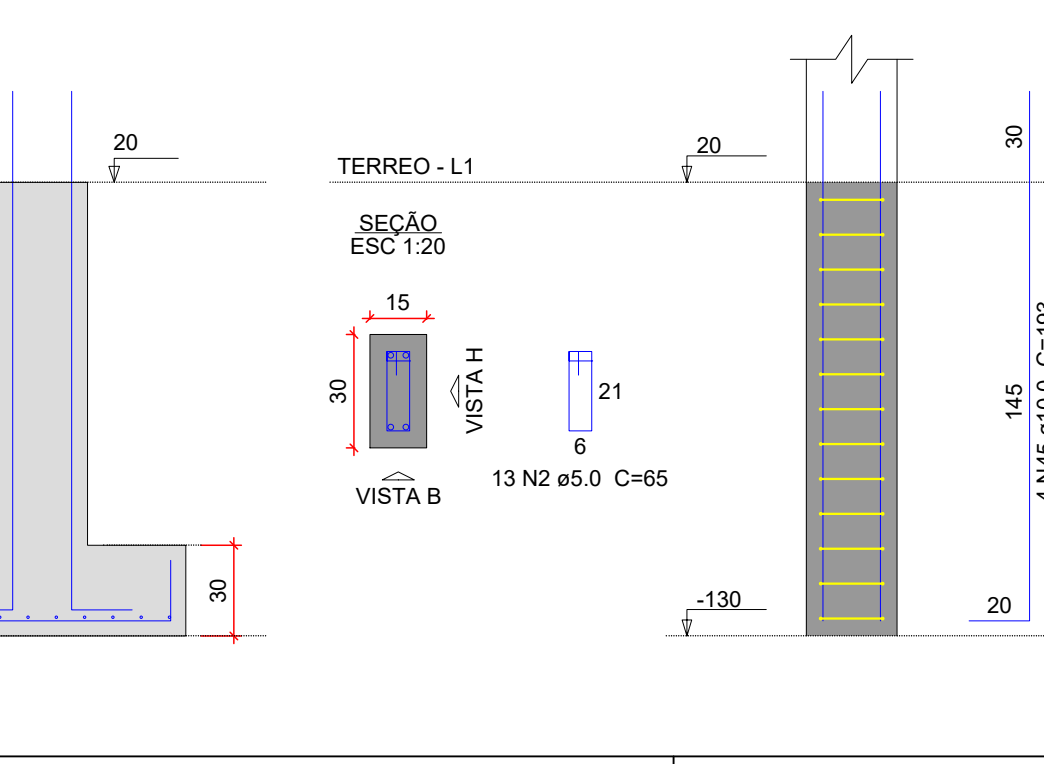
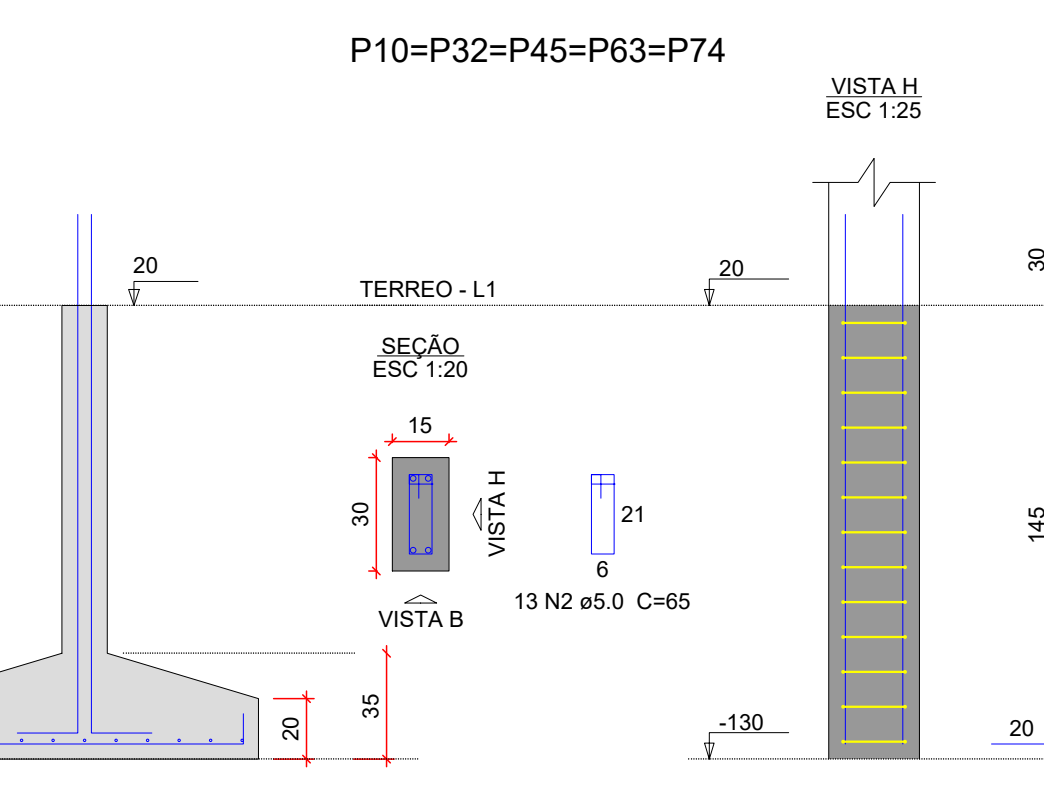
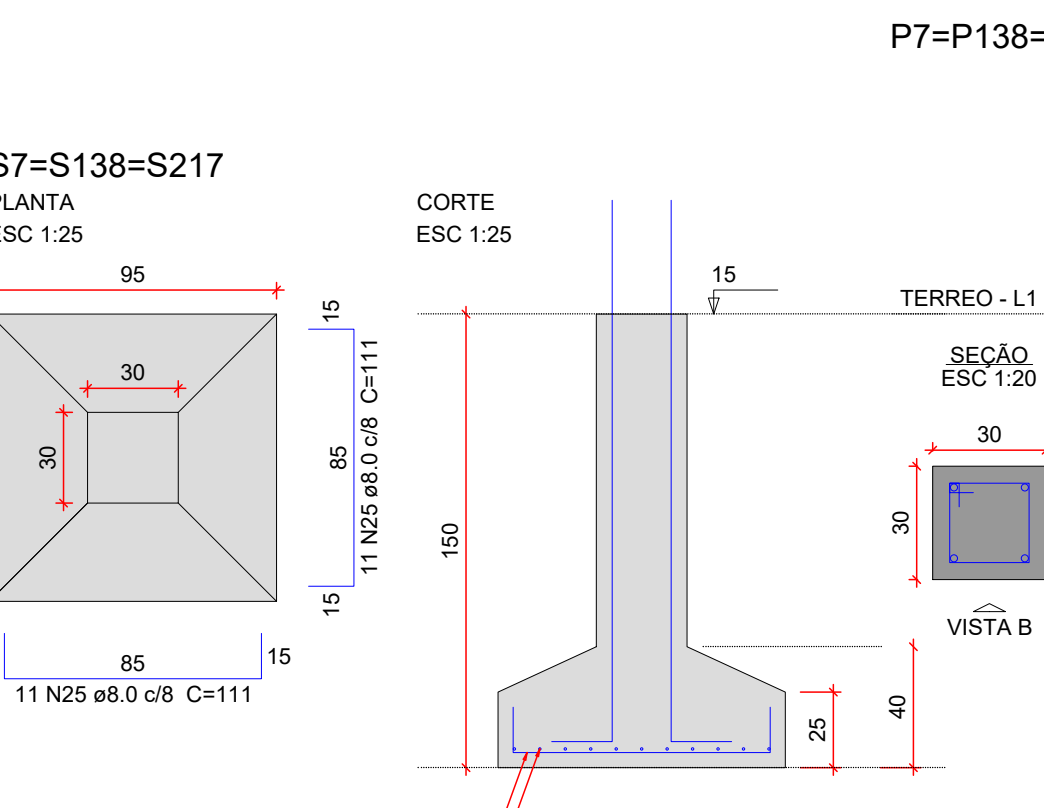
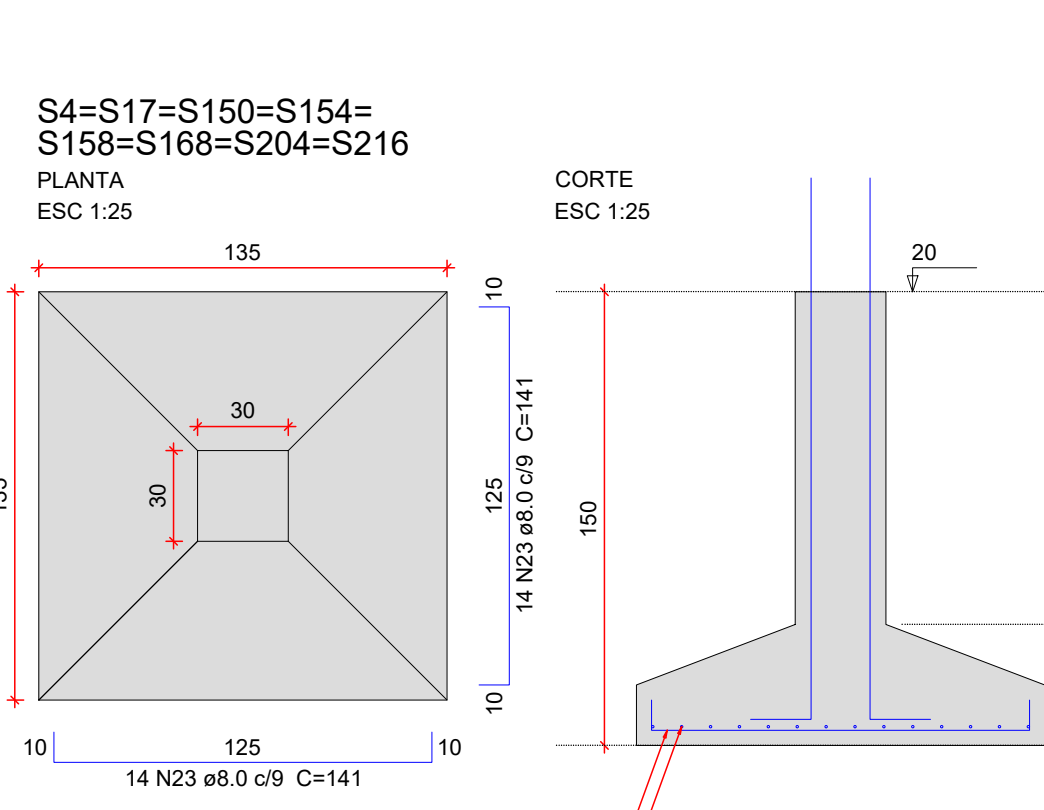
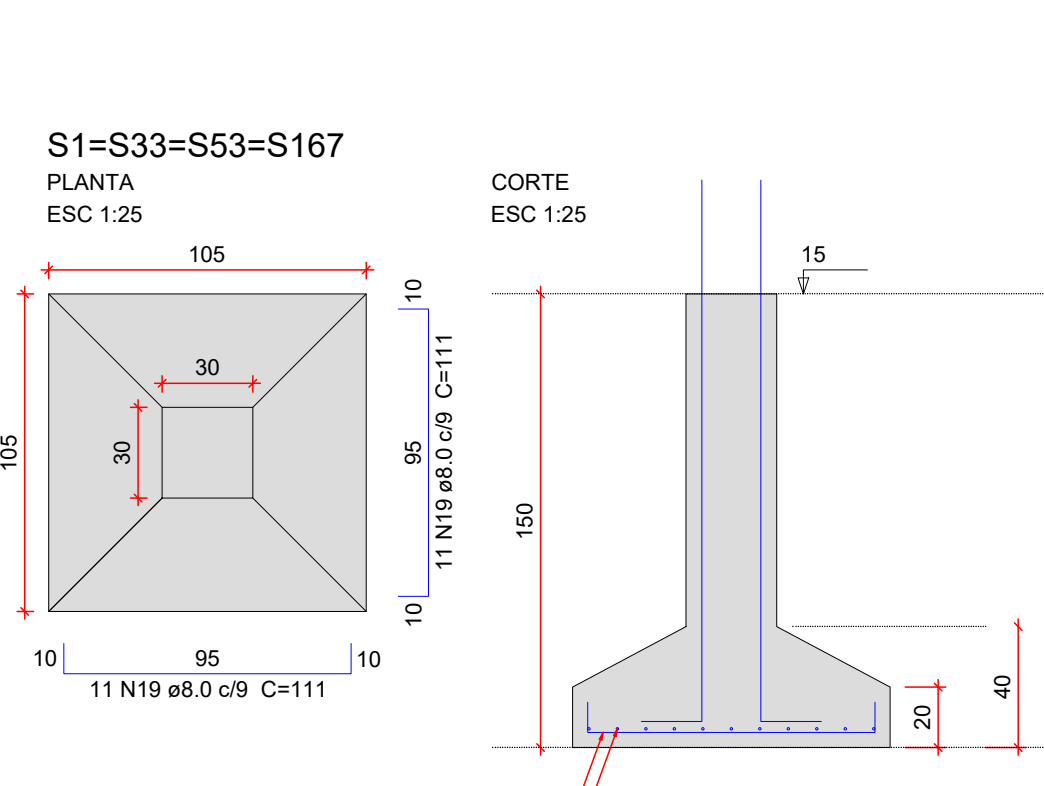
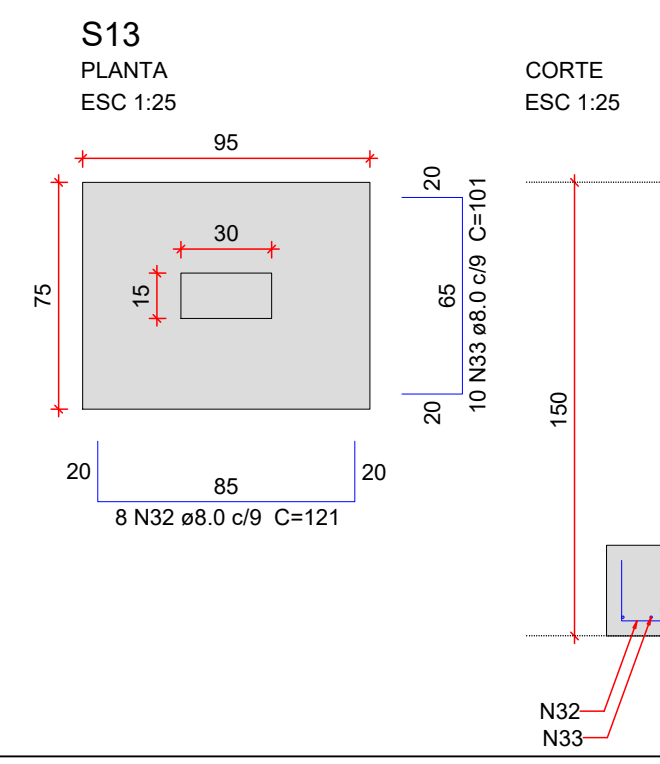
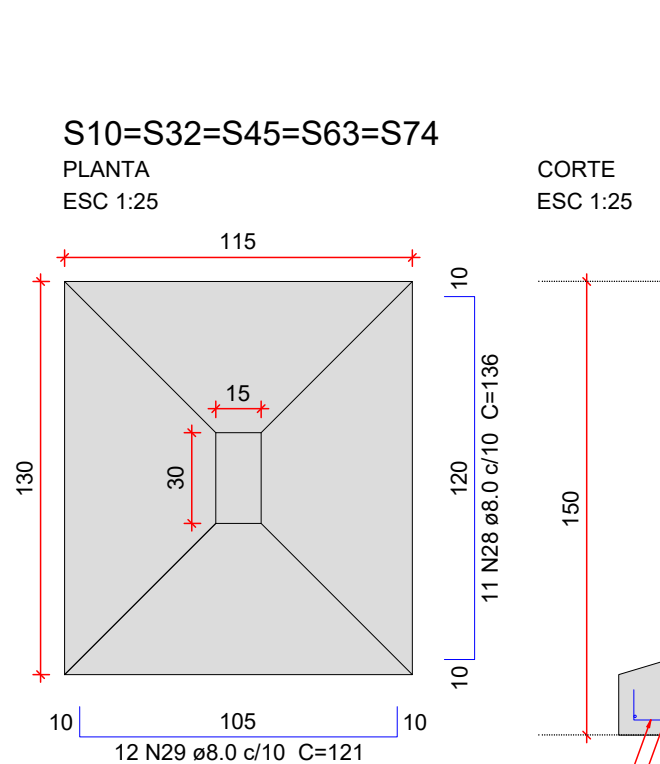


A1_est (1102 x 594 mm)

Relação do aço					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1255	95	119225
	2	5.0	569	65	36985
	3	5.0	48	135	6480
	4	5.0	20	81	1620
	5	5.0	26	83	2158
	6	5.0	108	79	8532
	7	5.0	20	111	2220
	8	5.0	26	126	3306
	9	5.0	13	75	975
	10	5.0	13	105	1365
	11	5.0	13	36	468
	12	5.0	7	681	4767
	13	5.0	7	651	4557
	14	5.0	7	126	882
	20	8.0	121	111	13431
	21	8.0	132	116	15312
	22	8.0	74	131	9744
	23	8.0	64	126	8064
	24	8.0	483	141	68103
	25	8.0	578	151	87278
	26	8.0	66	111	7326
	27	8.0	61	141	8601
	28	8.0	72	96	6912
	29	8.0	228	136	31008
	30	8.0	349	121	42229
	31	8.0	378	156	58968
	32	8.0	97	146	14162
	33	8.0	18	121	2178
	34	8.0	10	101	1010
	35	8.0	20	106	2120
CA50	1	5.0	113	131	14803
	2	5.0	44	116	5104
	3	5.0	55	146	8030
	4	5.0	32	136	4352
	5	5.0	91	86	7826
	6	5.0	72	96	6912
	7	5.0	31	166	5146
	8	5.0	6	91	546
	9	5.0	216	193	41688
	10	5.0	112	175	19600
	11	5.0	100	145	14500
	12	5.0	44	140	6160
	13	5.0	24	95	2280
	14	5.0	20	140	2800
	15	5.0	216	170	36720
	16	5.0	24	135	3240
	17	5.0	32	150	4800
	18	5.0	192	165	31680
	19	5.0	48	143	6864
	20	5.0	12	155	1860
	21	5.0	4	158	632
	22	5.0	48	160	7680
	23	5.0	39	185	7205
	24	5.0	482	200	96400
	25	5.0	8	157	1256
	26	5.0	14	263	3682
	27	5.0	15	258	3870
	28	5.0	12	191	2292
	29	5.0	13	186	2418
	30	5.0	13	283	3679
	31	5.0	17	243	4131
	32	5.0	11	201	2211
	33	5.0	14	161	2254
	34	5.0	52	209	10868
	35	5.0	4	158	632

Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	5188	2251.8
	10.0	1860.6	1261.8
	12.5	1222	1294.8
	16.0	115	199.7
CA60	5.0	1907.9	323.5
PESO TOTAL (kg)			
CA50	5008.1		
CA60	323.5		

Volume de concreto (C=35) = 126.56 m³
Área de forma = 451.27 m²
Tela Q-196 = 151.35 m²



NOTAS GERAIS

- DIMENSÕES EM CENTÍMETRO, BÓLAS EM MILÍMETRO, EXCETO ONTE INDICADO DE OUTRA FORMA. AS COTAS DE IMPLANTAÇÃO DA OBRA BEM COMO AS COTAS E OS NÍVEIS DAS FORMAS DEVERÃO SER VERIFICADOS E ACEITOS PELO RESPONSÁVEL TÉCNICO DA OBRA ANTES DA EXECUÇÃO;
- ACO CA-50 CONCRETO DA EDP/CA-50 (fck = 35 MPa) RELUÇÃO ÁGUA/CEMENTO = 0,60 DIÂMETRO MÁXIMO DO AGREGADO GRÁDUO: 19 mm;
- VERIFICAR ARMADURAS DE ARRANQUE
- COBERTAMENTO MÍNIMO: SAPATAS: 5,0cm PILARES EM CONTATO COM SOLO: 4,5cm
- AS BARRAS DE AÇO DEVERÃO SER CONVENIENTEMENTE LIMPAS DE QUALQUER SUBSTÂNCIA PREJUDICIAL A ADERÊNCIA, RETIRANDO-SE AS ESCAMAS EVENTUALMENTE DESTACADAS POR OXIDAÇÃO. AINDA: AS BARRAS EXCESSIVAMENTE DANIFICADAS DEVERÃO SER DESCARTADAS;
- JUNTAS DE CONCRETAGEM: QUANDO O LANÇAMENTO DO CONCRETO FOR INTERROMPIDO E, ASSIM, FORMAR-SE UMA JUNTA DE CONCRETAGEM, DEVE-SE, ANTES DE INICIAR O LANÇAMENTO DO CONCRETO FRESCO, REMOVER A LATA E LIMPAR A SUPERFÍCIE DA JUNTA. DURANTE A CONCRETAGEM O CONCRETO DEVERÁ SER PERFEITAMENTE ADENSADO ATÉ A SUPERFÍCIE DA JUNTA;
- TODAS AS ESTRUTURAS EM CONTATO COM O SOLO DEVEM SER ISOLADAS COM UMA CAMADA DE CONCRETO MAGRO DE NO MÍNIMO 5 cm (TRAÇÃO USUAL 1:8) ENTRE O SOLO E A ESTRUTURA;
- O SOLO SOBRE AS SAPATAS DEVE SER COMPACTADO;
- TODOS OS NÍVEIS INDICADOS NO PROJETO ESTRUTURAL REFEREM-SE AO NÍVEL 0,00 DO PROJETO ARQUITETÔNICO;
- ESCORAMENTO E FORMAS DEVEM SER RETIRADOS SEM CHOQUES EXCESSIVOS.

R00

19/06/2026

EMISSION INICIAL

Nome do Empreendimento

CER III

Endereço do Empreendimento

BR-367, SIN. ANTARES, EUNAPOLIS - BA

Título do Projeto

PLANTA DE DETALHAMENTO DAS SAPATAS DO EDIFÍCIO PRINCIPAL (1/6)

Disciplina

FUNDAÇÃO

Escala

Projeto e coordenador

MARCELO MATOS CONCEIÇÃO

Responsável Técnico pelo Projeto Executivo

Engenheiro CREA/BA nº 300089/20

Escalante

EST

Revisão

R00

Projeto Executivo

02/12

Indicada