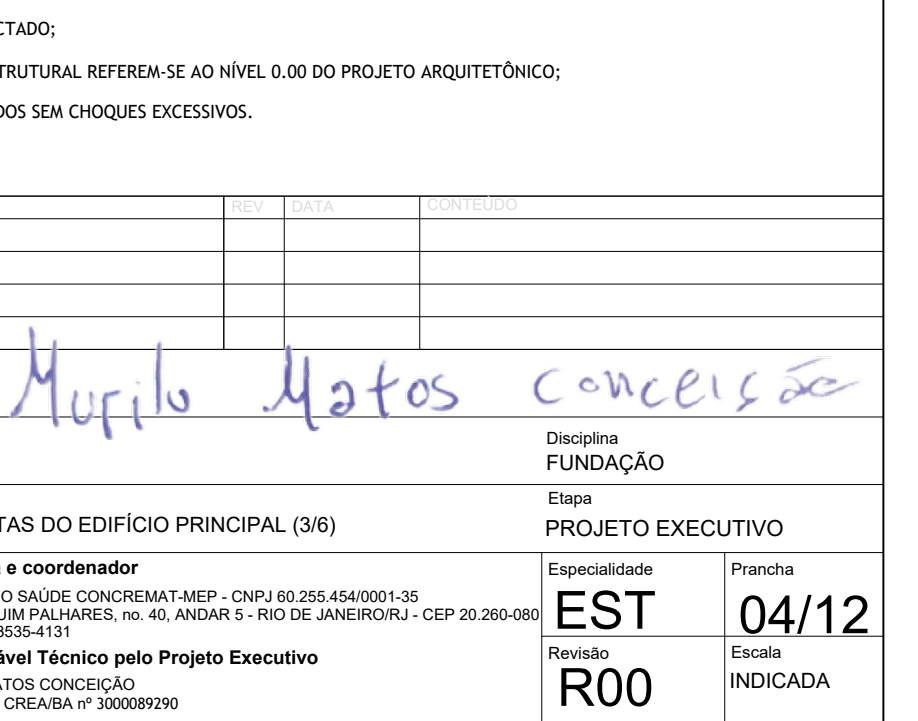
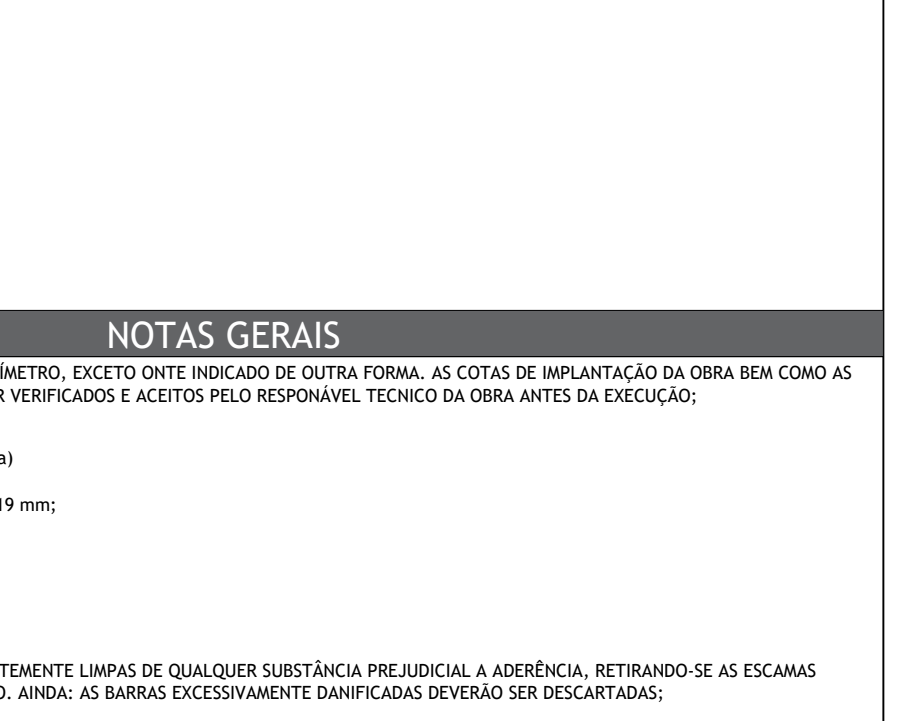
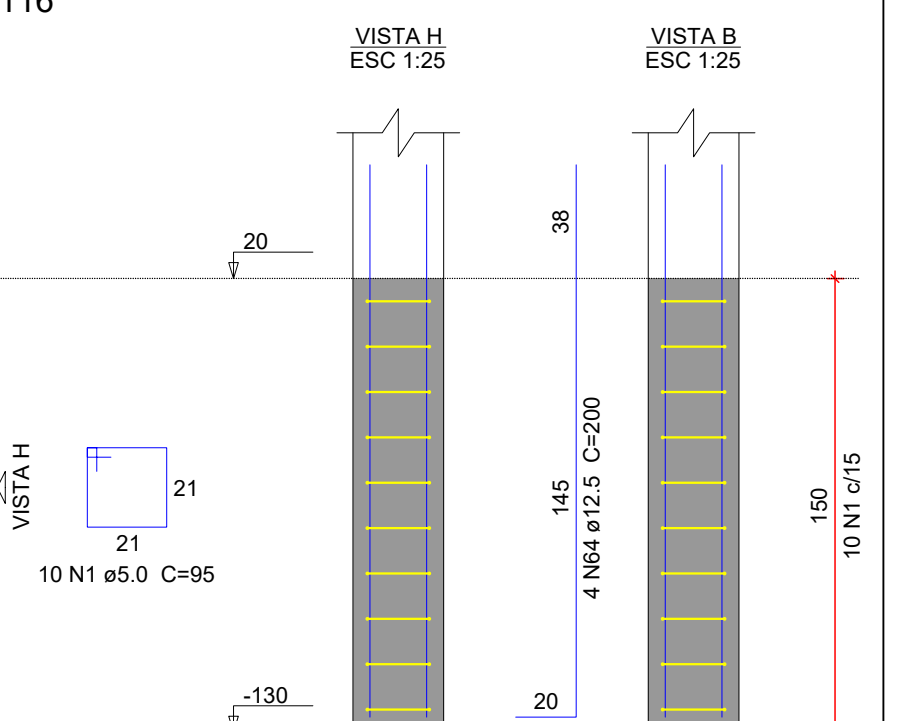
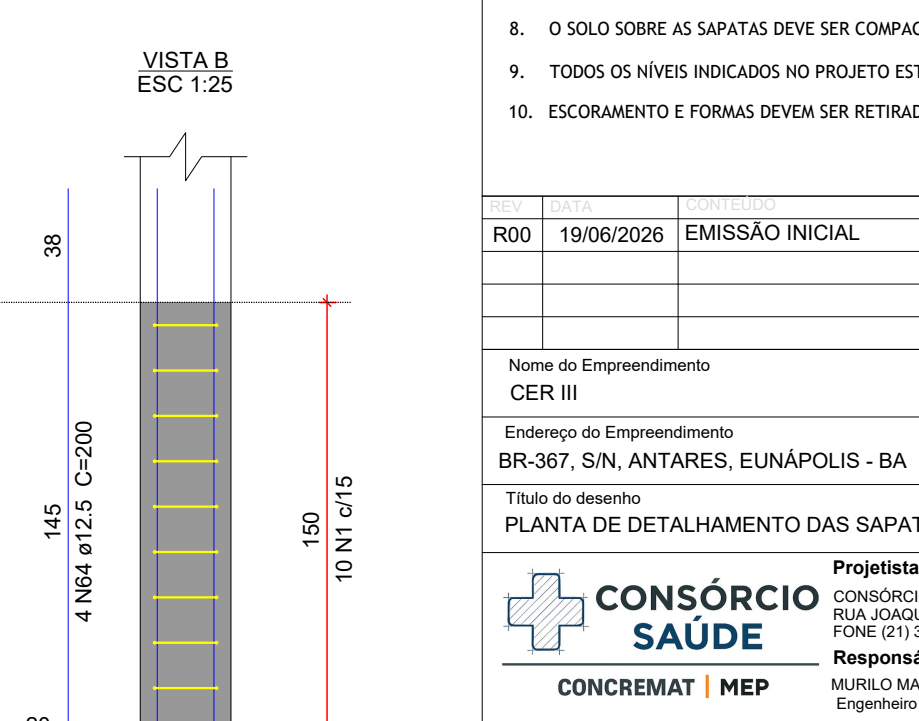
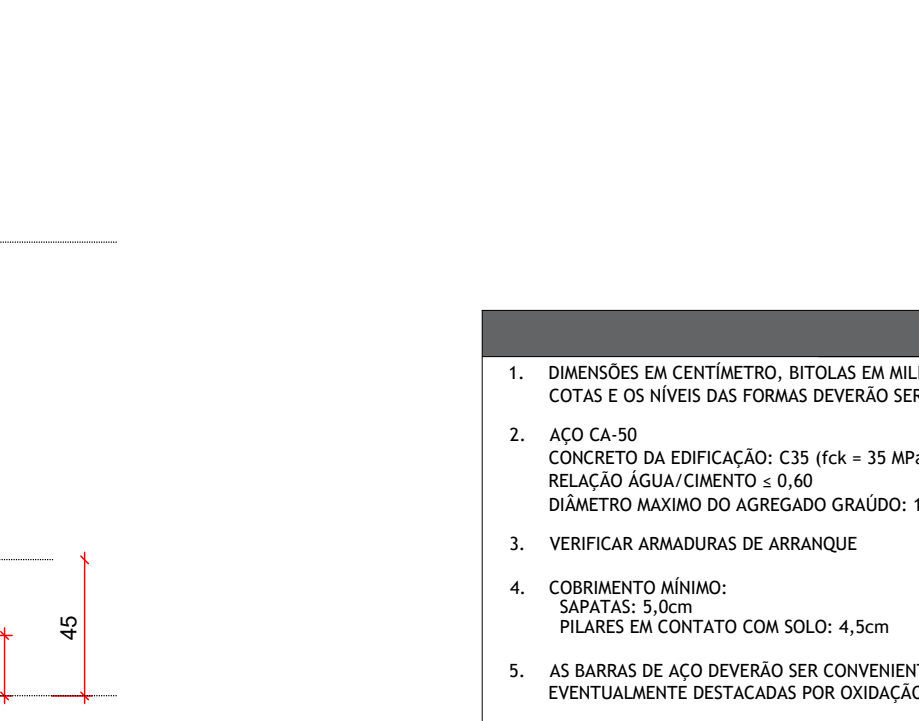
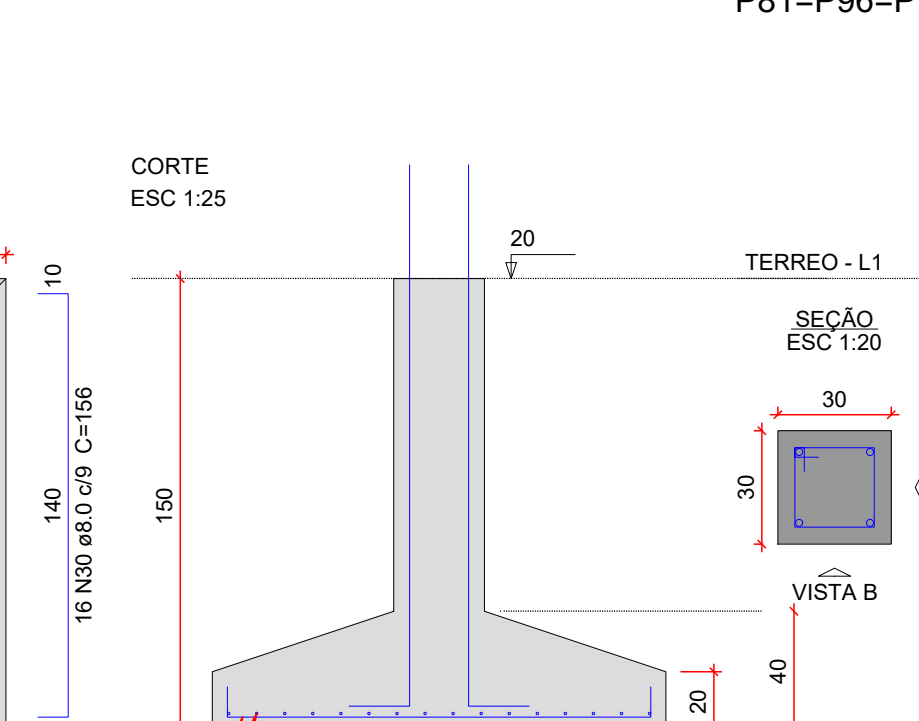
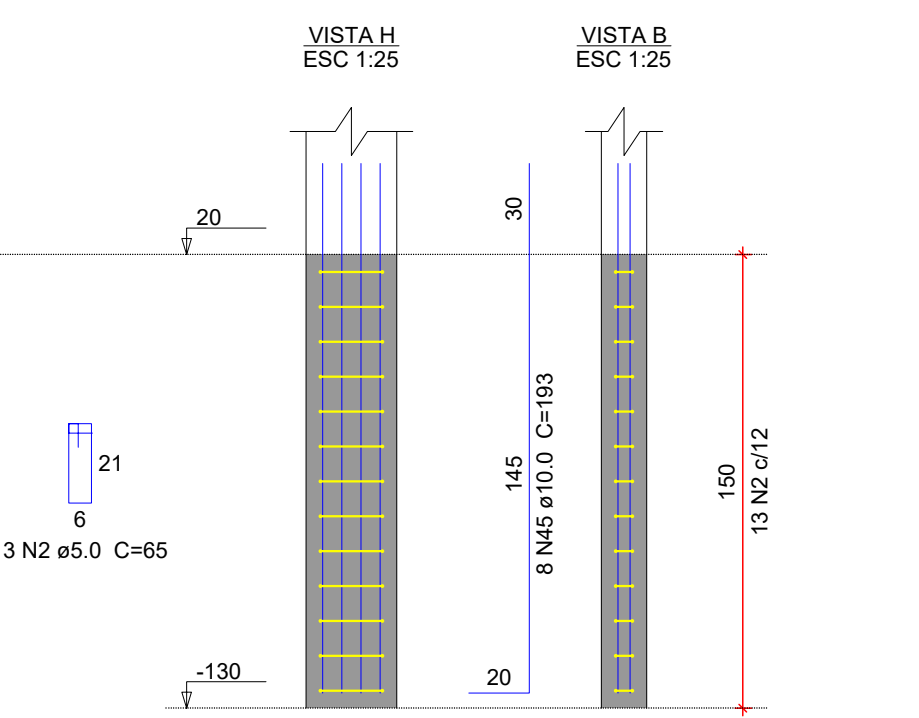
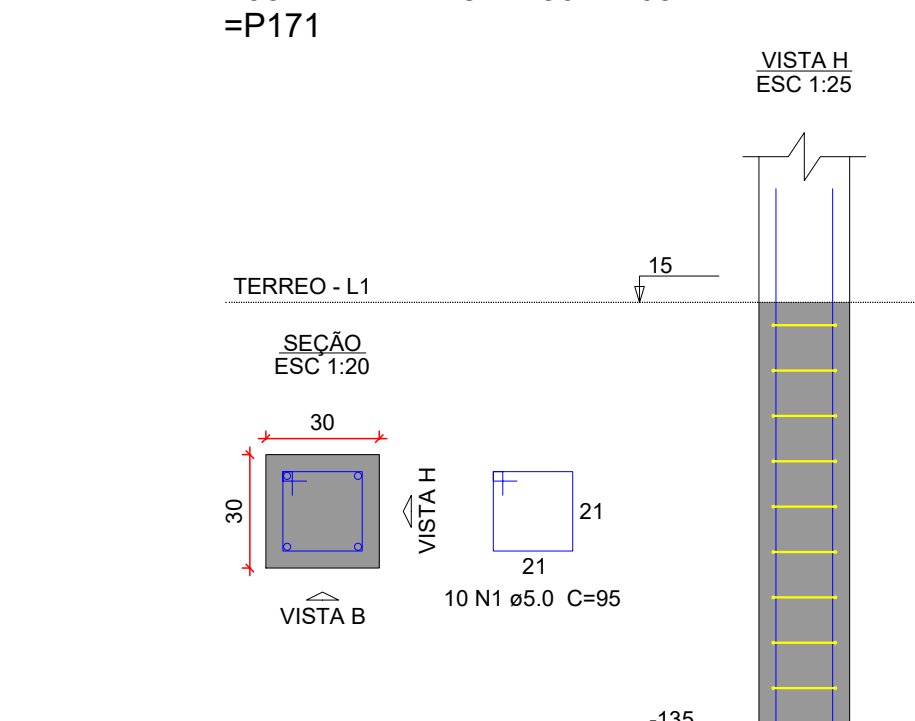
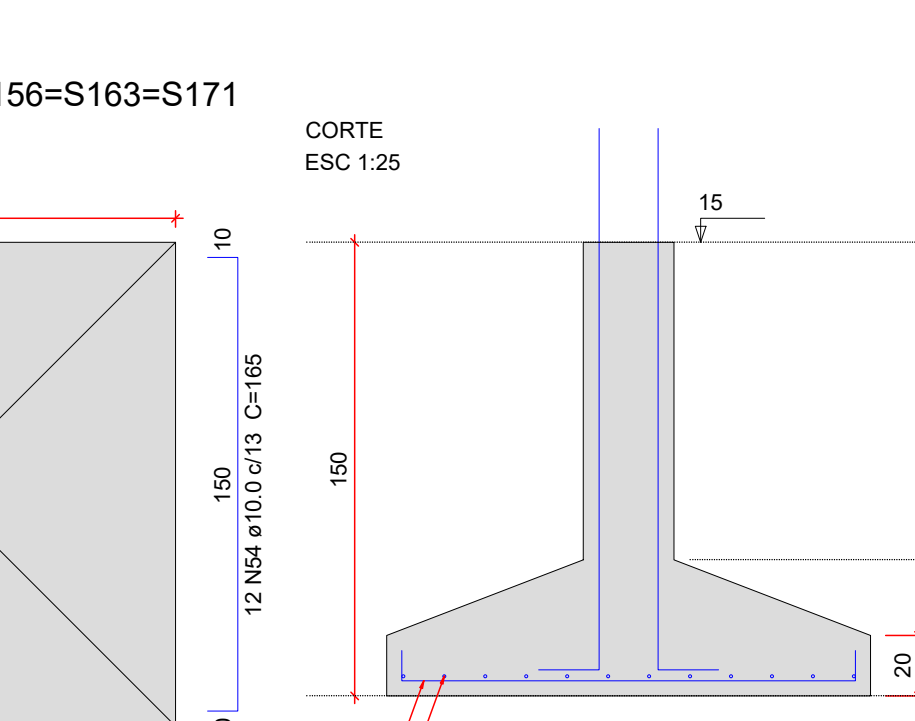
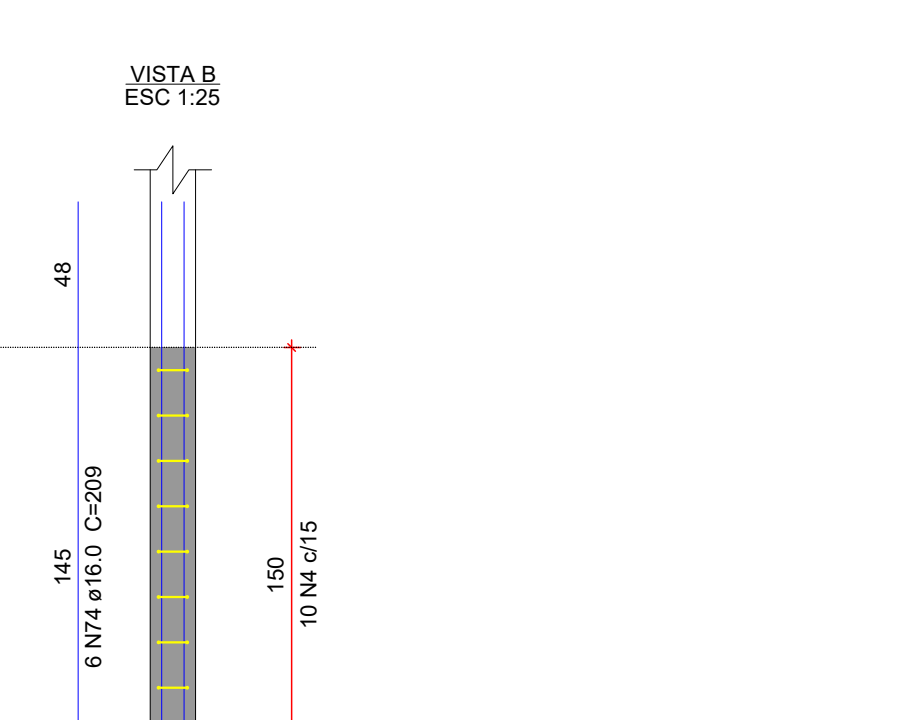
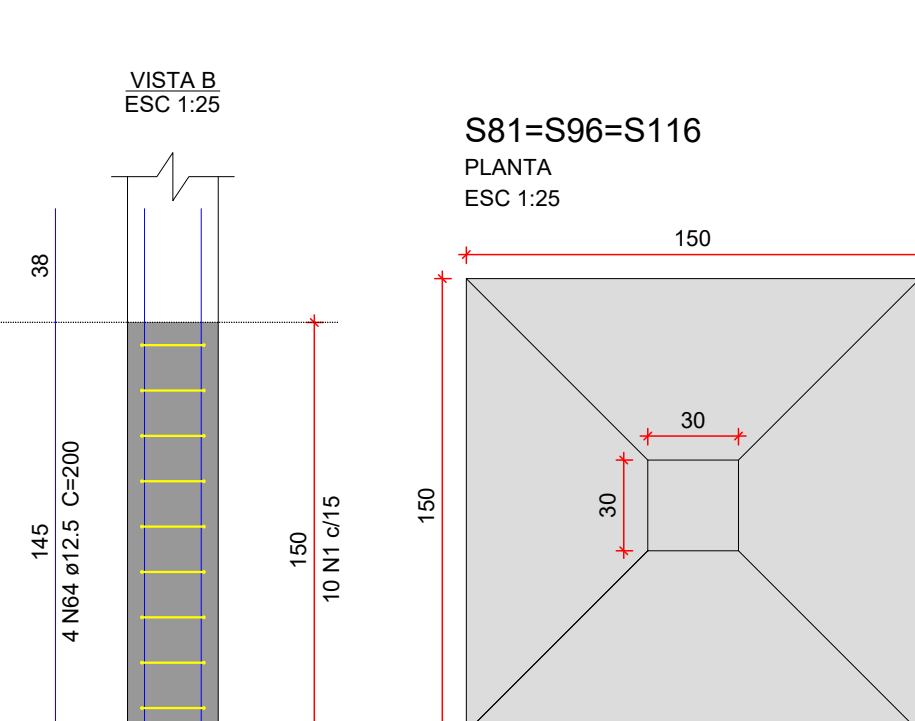
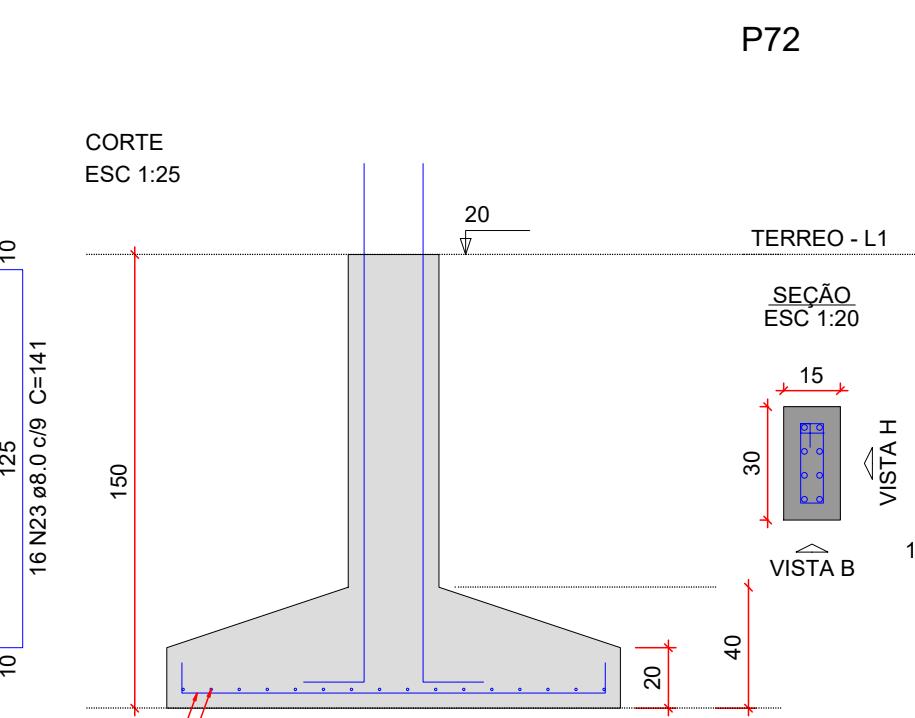
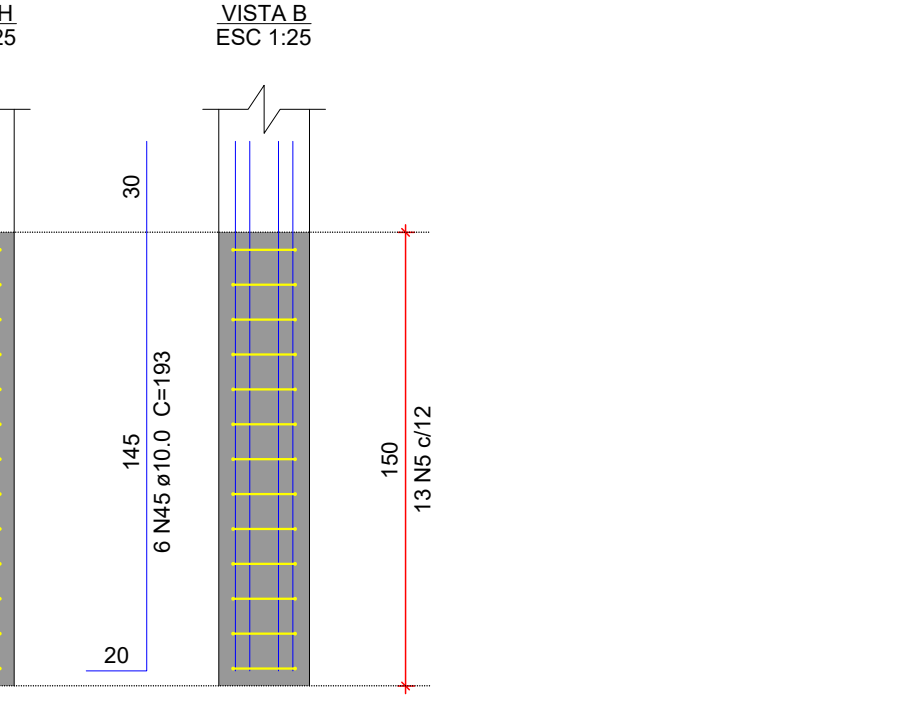
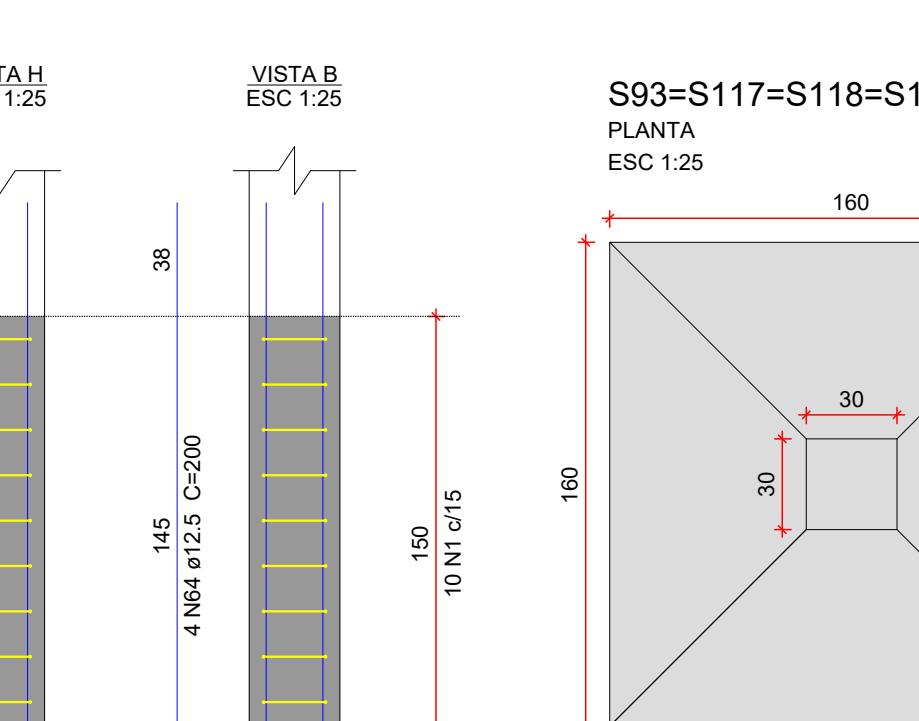
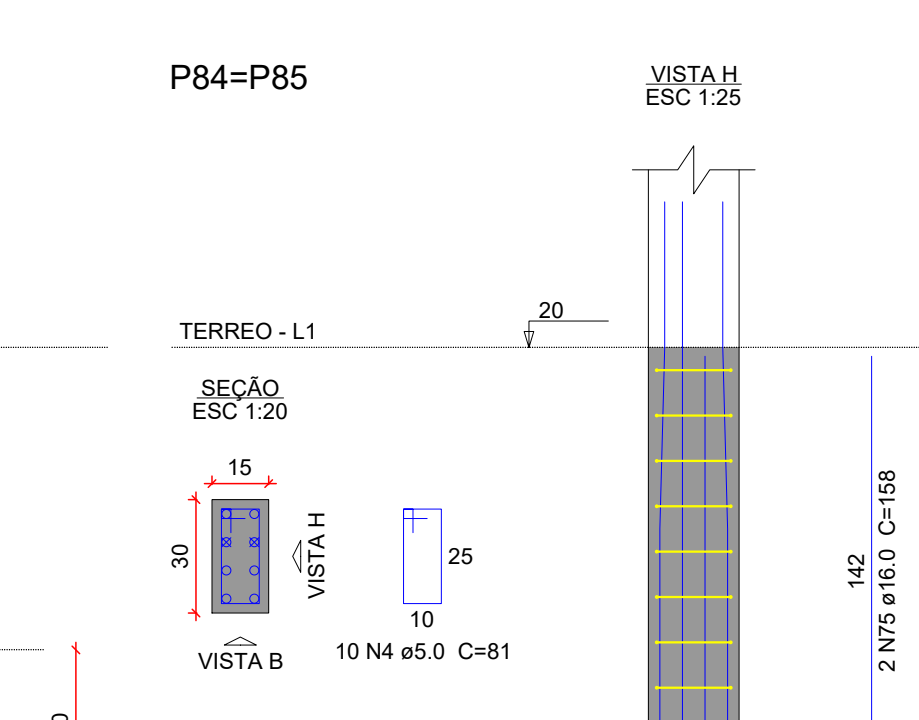
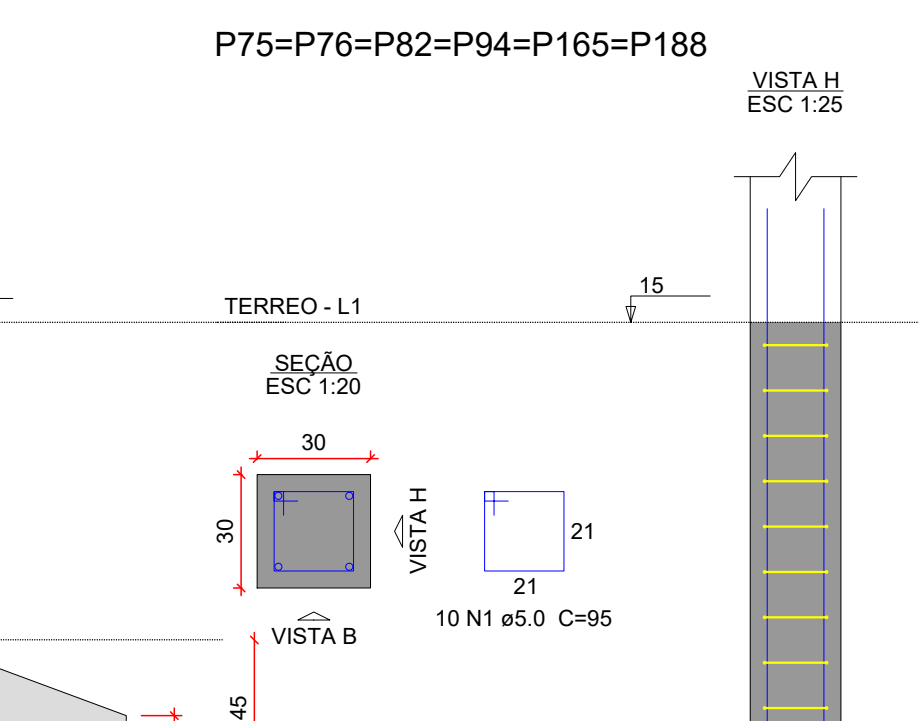
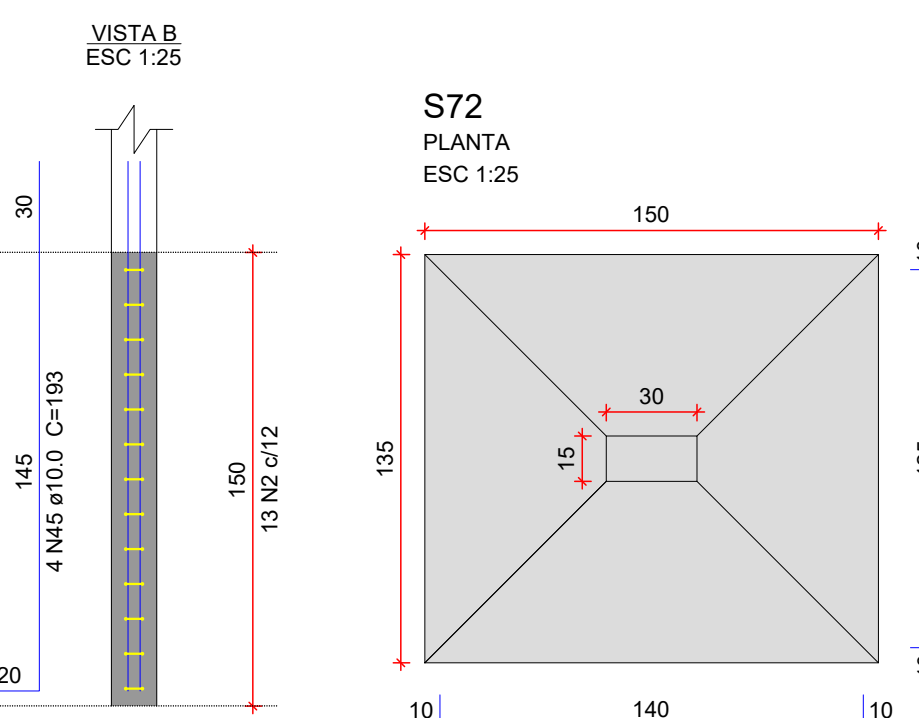
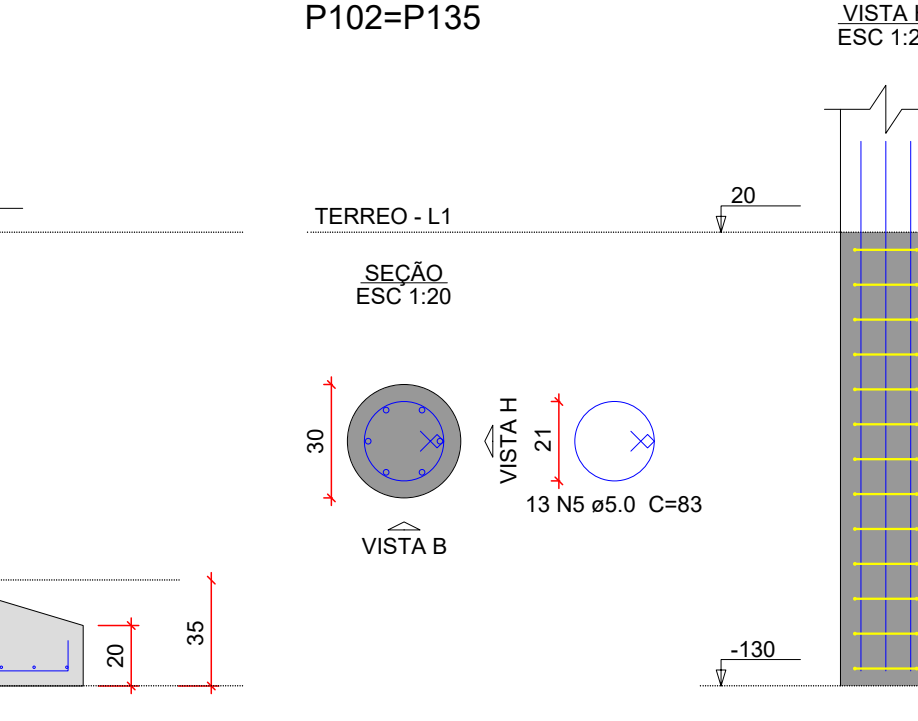
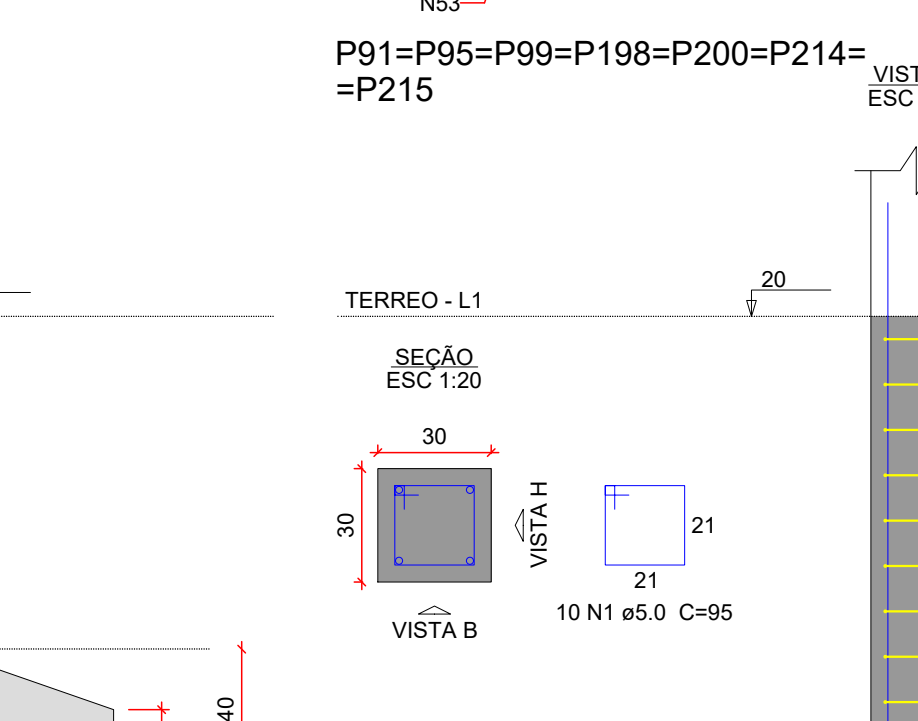
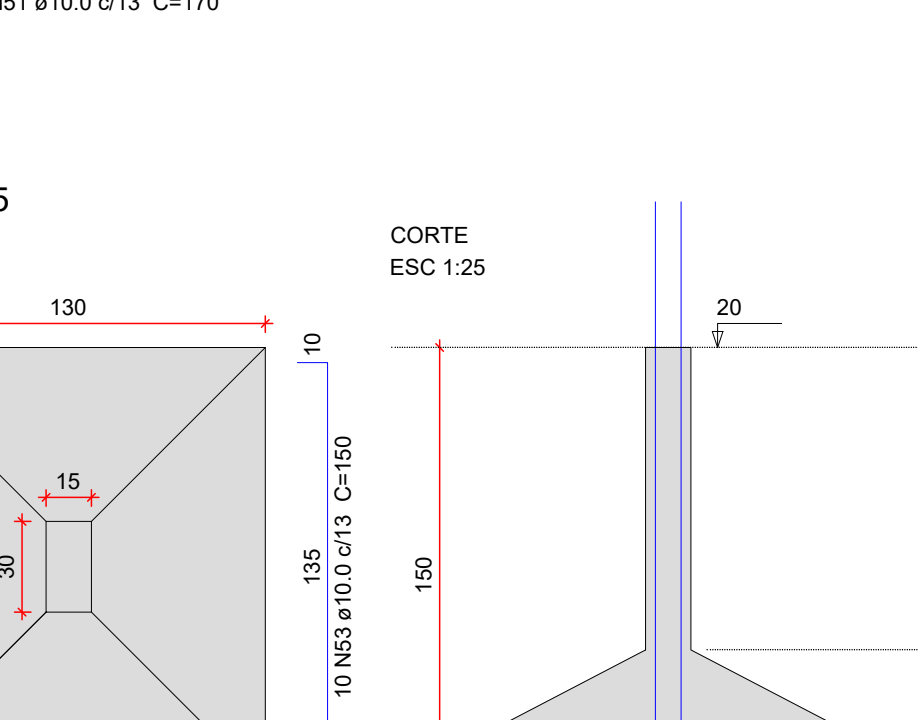
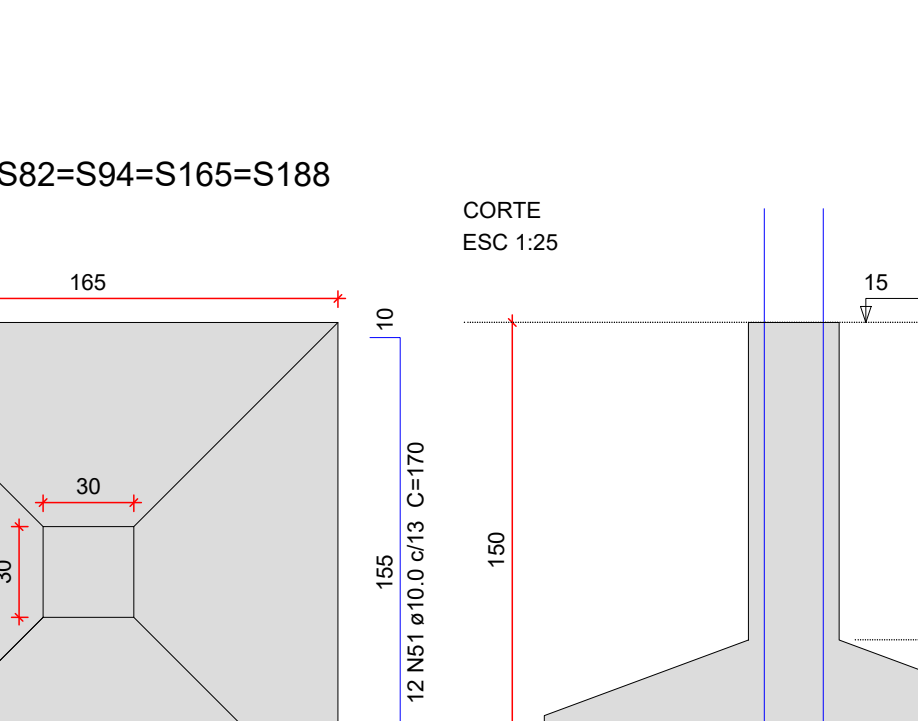
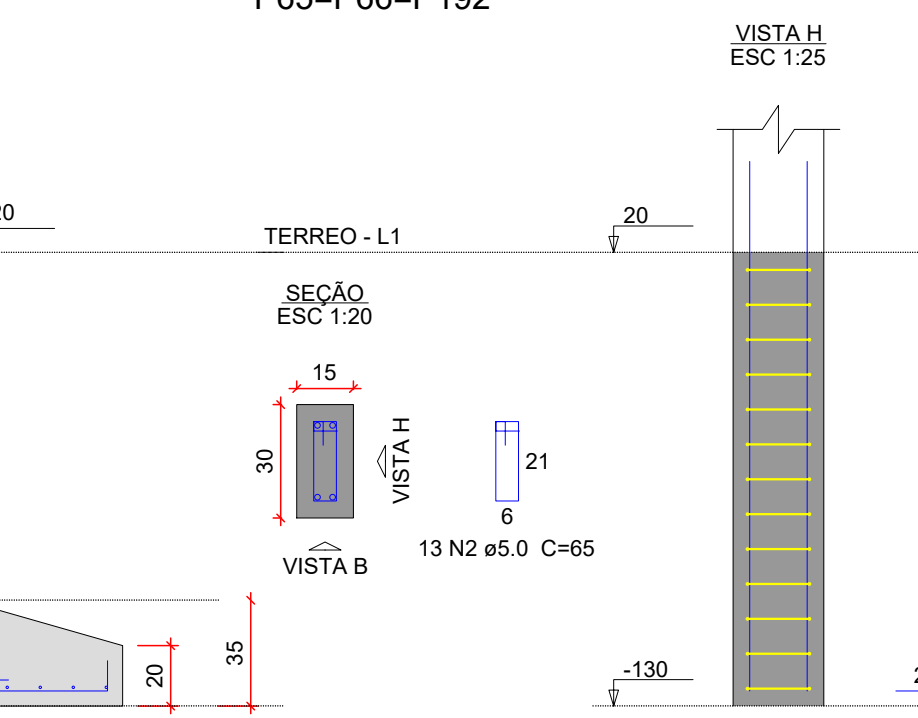
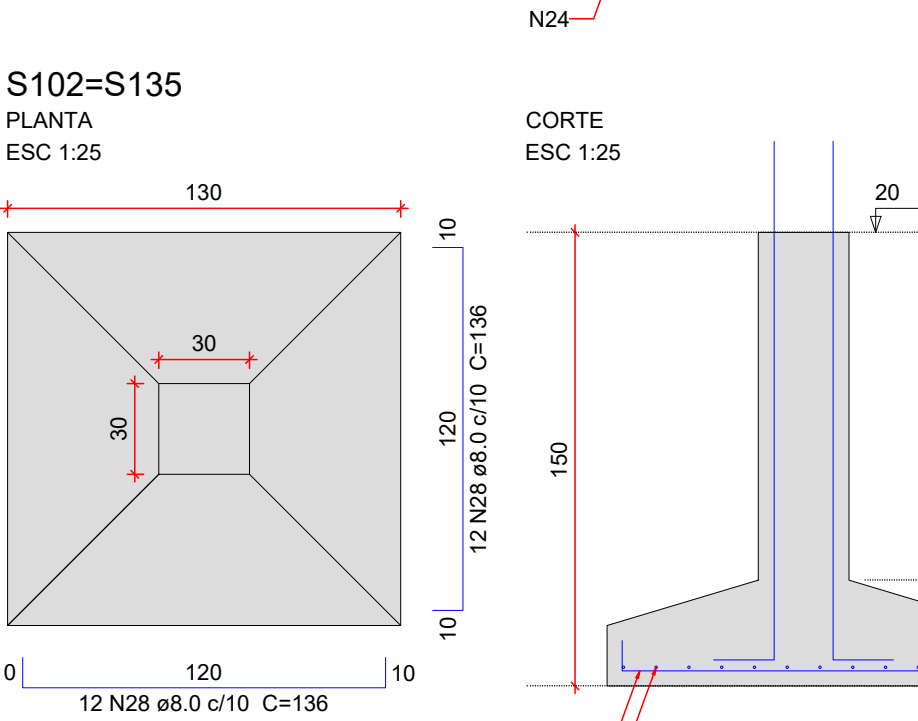
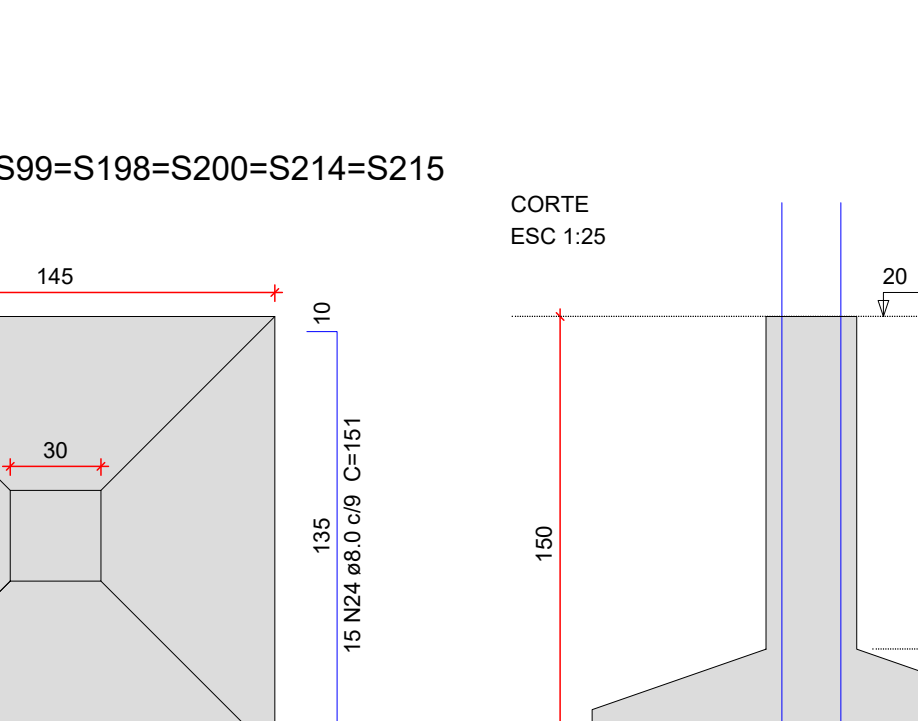
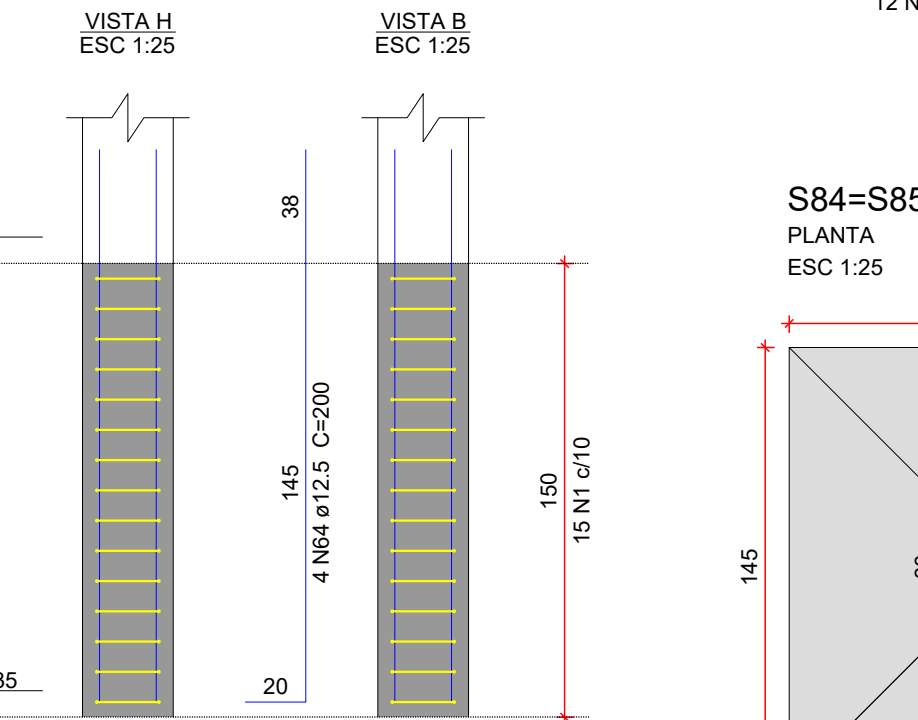
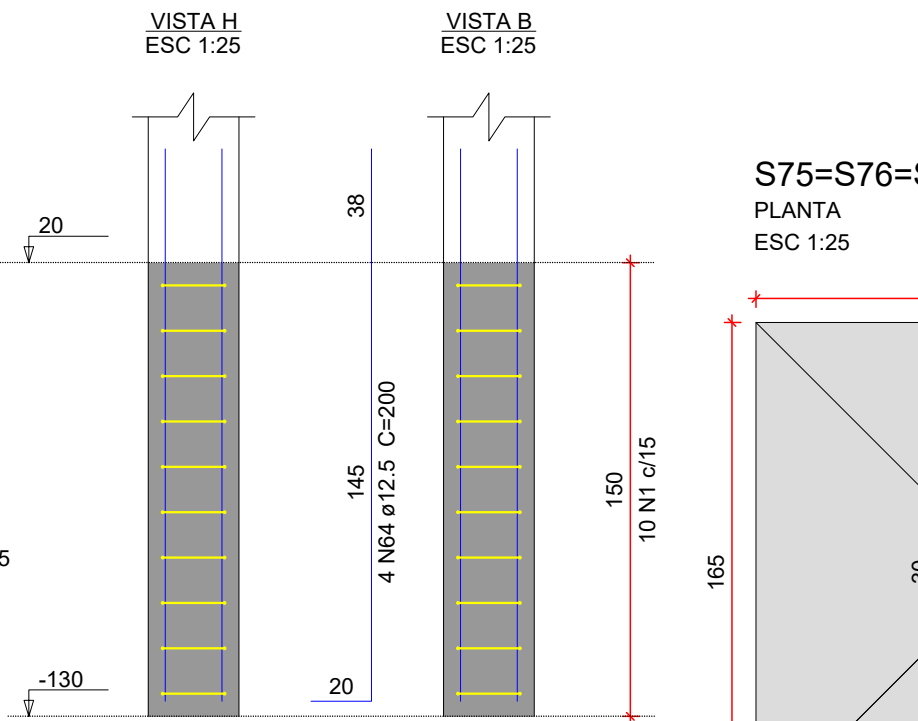
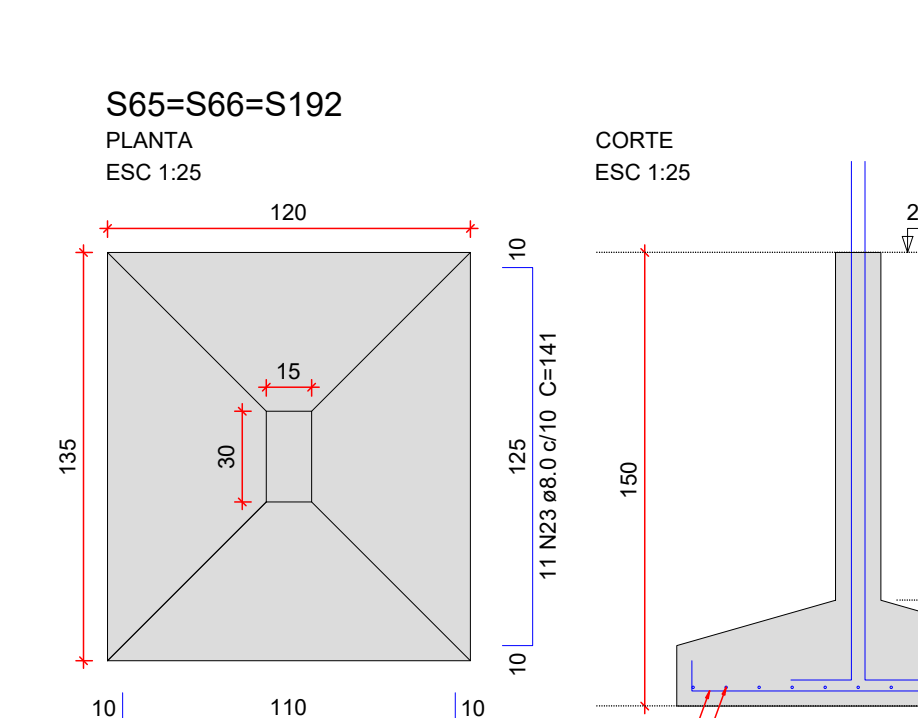
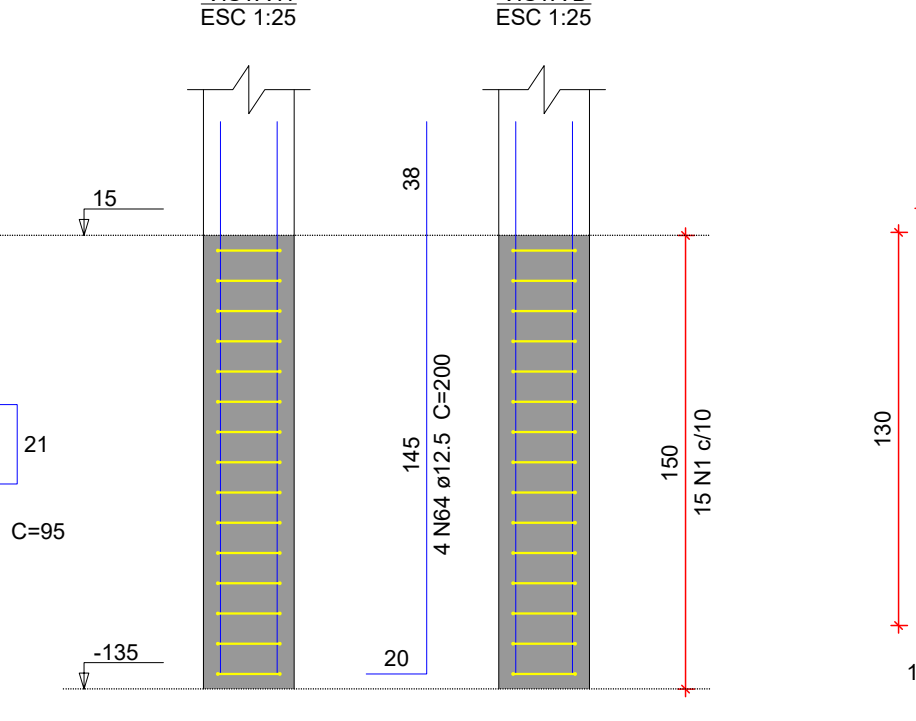
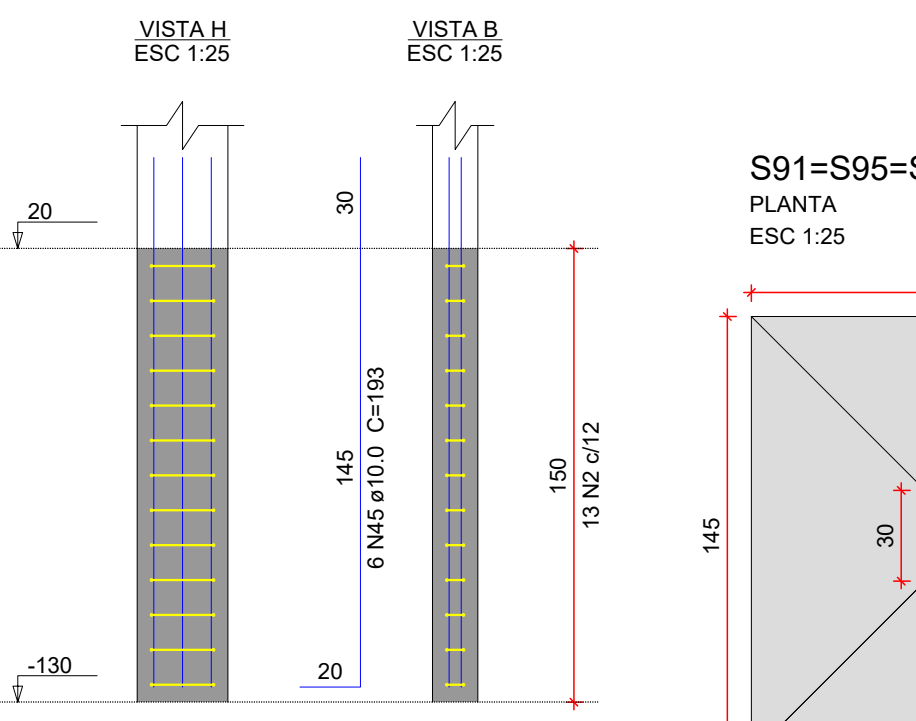
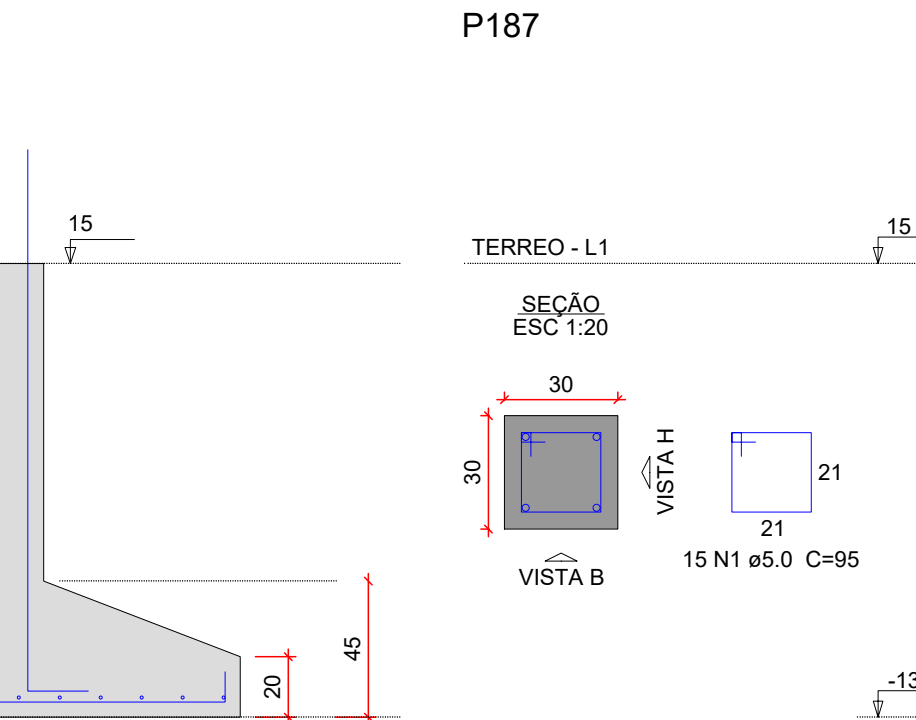
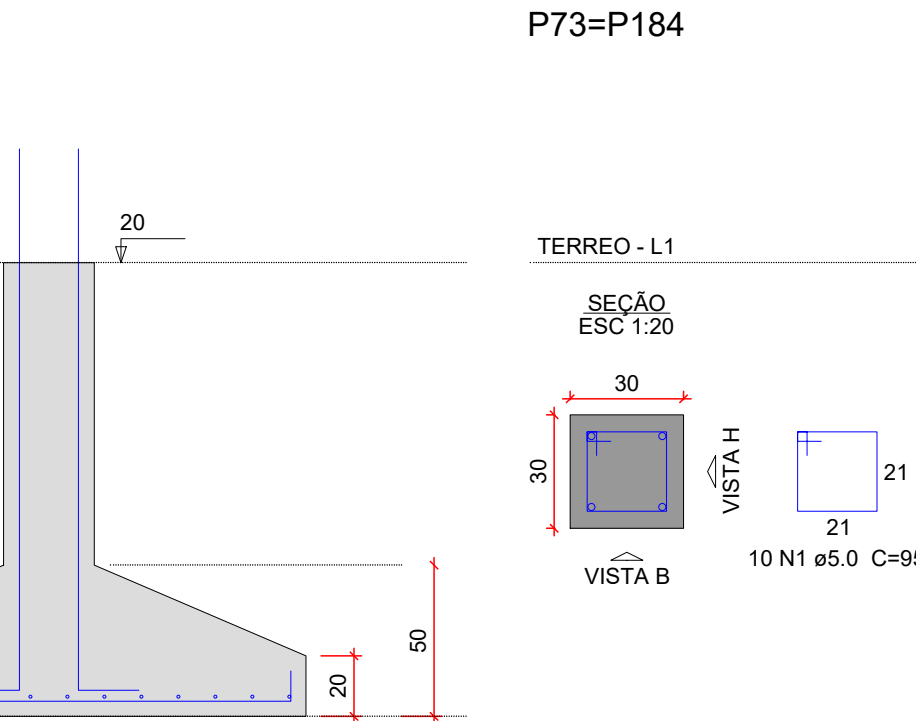
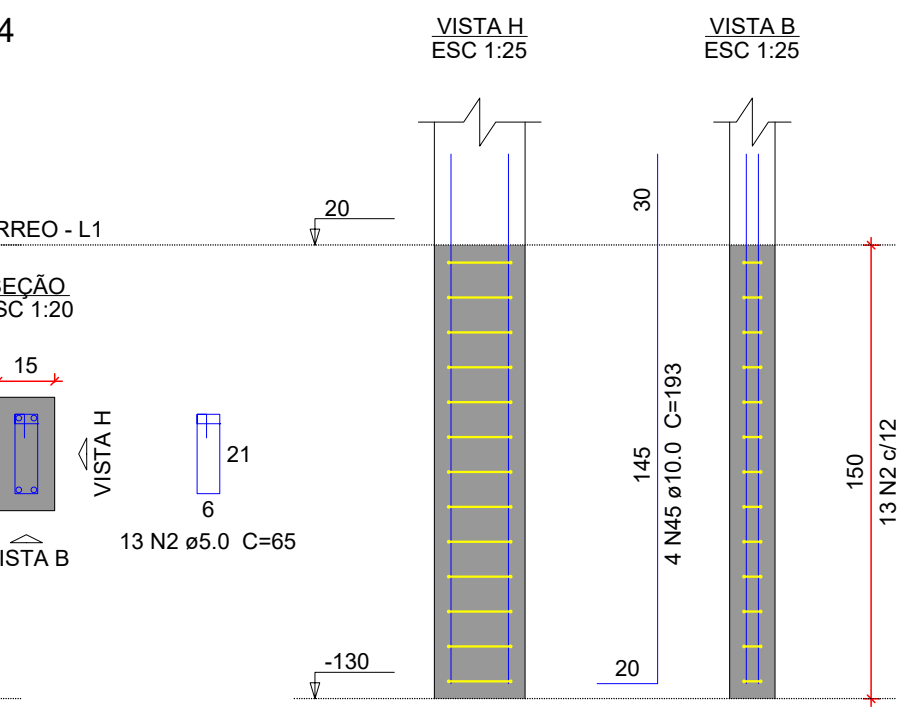
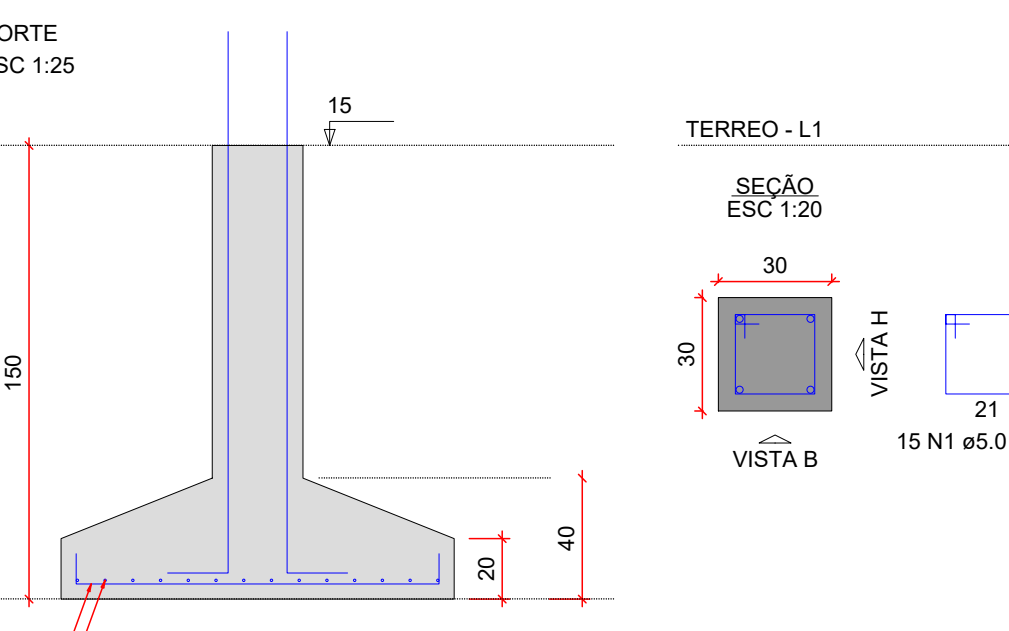
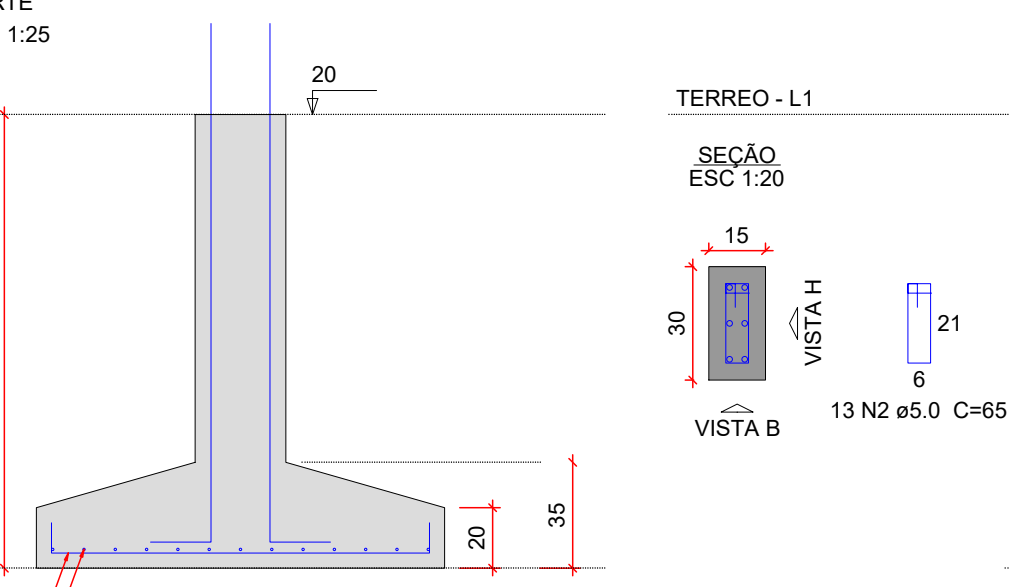
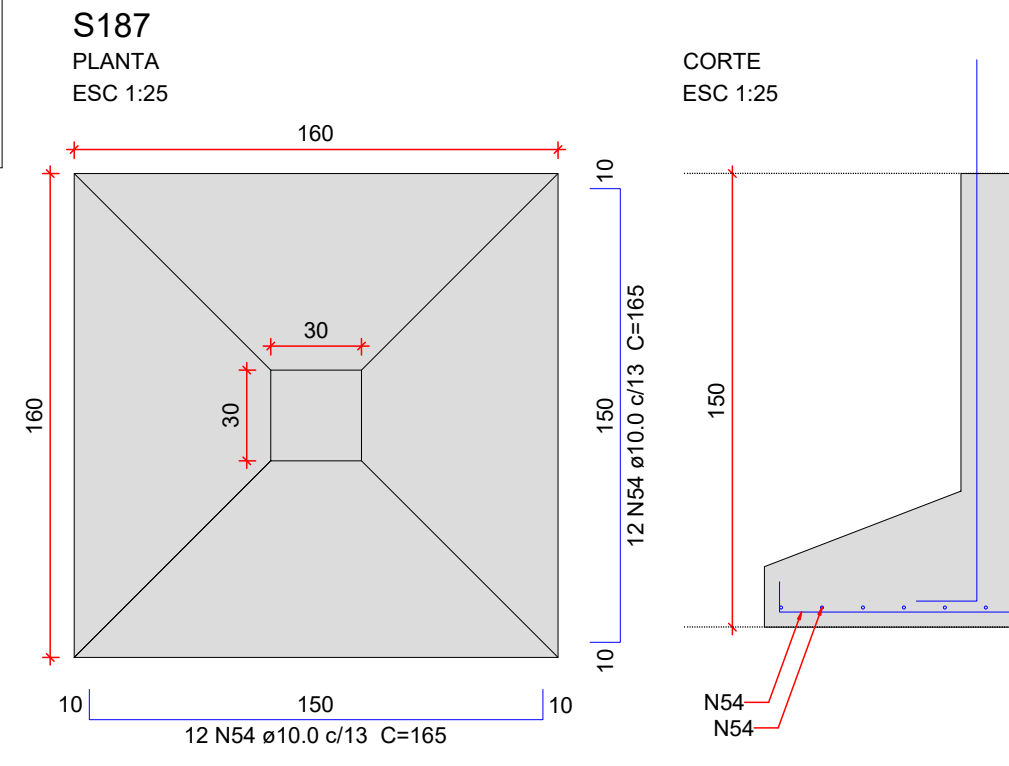
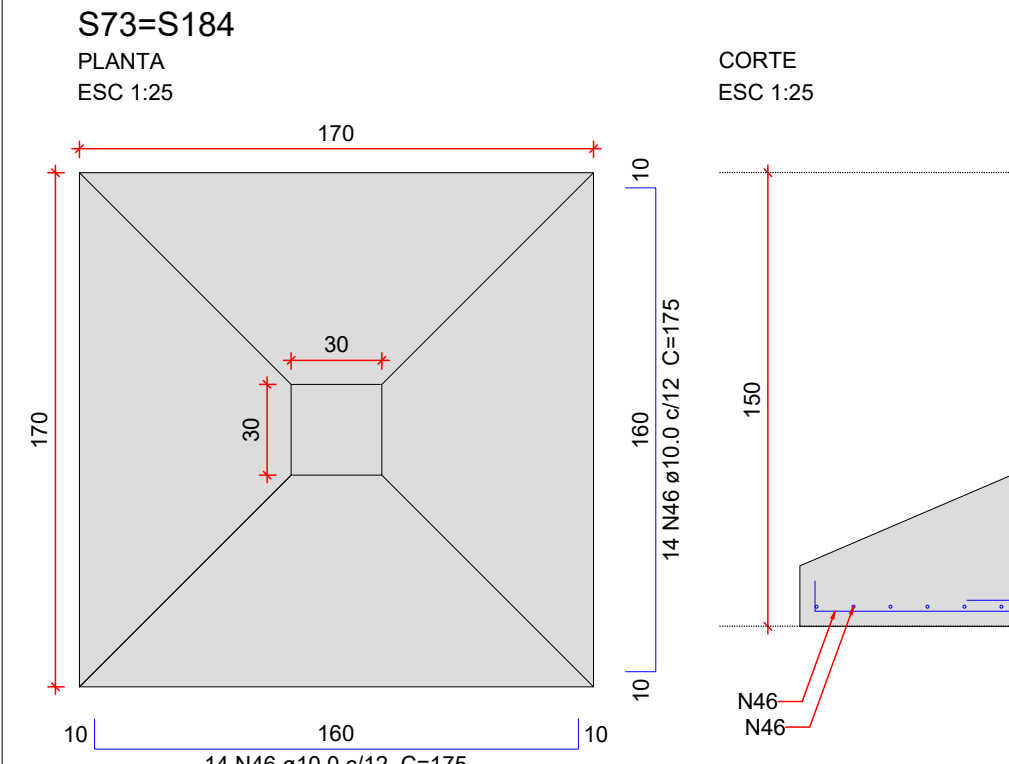
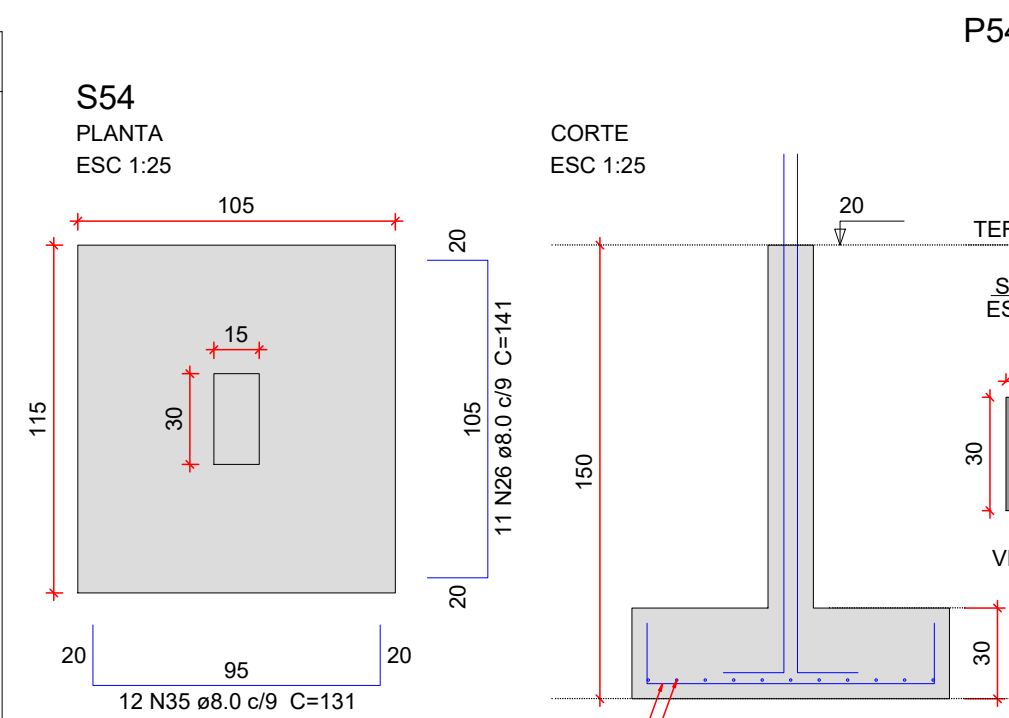
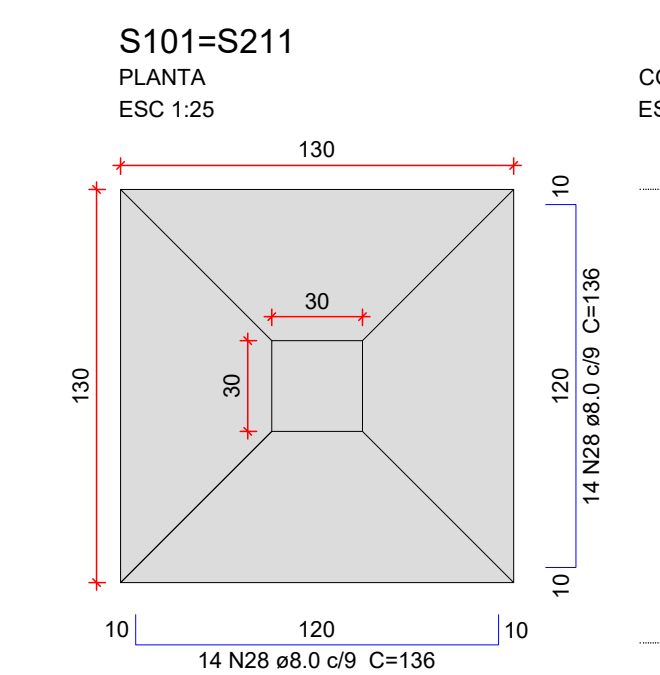
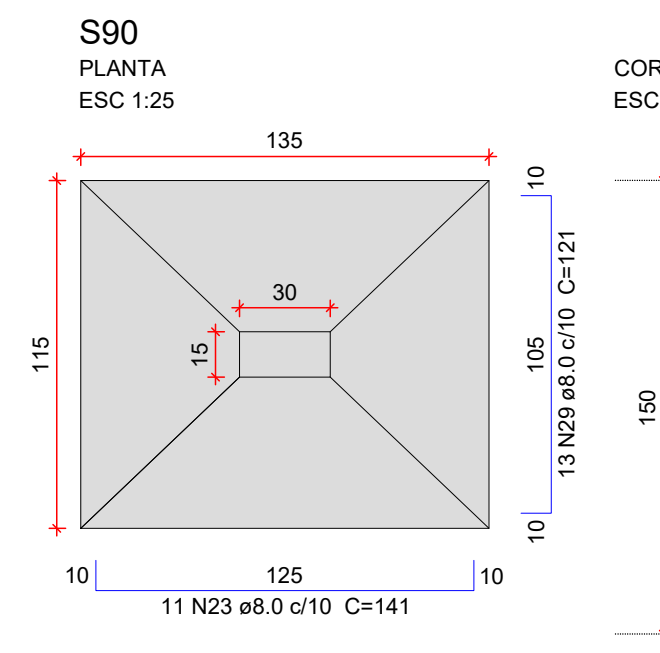


A1_est (102 x 594 mm)

Relação do aço				
AÇO	N	DIAM (mm)	QUANT	C.TOTAL (cm)
CA60	1	5.0	1255	95
	2	5.0	569	65
	3	5.0	48	135
CA50	4	5.0	20	81
	5	5.0	26	83
	6	5.0	108	79
	7	5.0	20	111
	8	5.0	26	81
	9	5.0	13	75
	10	5.0	13	105
	11	5.0	13	36
	12	5.0	7	881
	13	5.0	7	651
	19	8.0	121	111
	20	8.0	132	116
	21	8.0	744	131
	22	8.0	126	64
	23	8.0	483	141
	24	8.0	578	151
	25	8.0	66	111
	26	8.0	61	201
	27	8.0	70	126
	28	8.0	228	136
	29	8.0	349	121
	30	8.0	378	156
	31	8.0	97	146
	32	8.0	18	121
	33	8.0	10	101
	34	8.0	20	106
	35	8.0	113	131
	36	8.0	44	116
	37	8.0	55	146
	38	8.0	32	136
	39	8.0	91	86
	40	8.0	72	96
	41	8.0	31	166
	42	8.0	6	91
	45	10.0	216	193
	46	10.0	112	175
	47	10.0	100	145
	48	10.0	44	140
	49	10.0	24	95
	50	10.0	20	140
	51	10.0	216	170
	52	10.0	24	135
	53	10.0	32	150
	54	10.0	192	165
	55	10.0	48	143
	56	10.0	12	155
	57	10.0	4	158
	58	10.0	48	160
	59	10.0	30	185
	64	12.5	482	200
	65	12.5	8	157
	66	12.5	14	263
	67	12.5	15	258
	68	12.5	12	191
	69	12.5	13	186
	70	12.5	13	283
	71	12.5	17	243
	72	12.5	11	201
	73	12.5	14	161
	74	16.0	52	209
	75	16.0	4	158

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 C-196 = 151.35 m²



NOTAS GERAIS

- DIMENSÕES EM CENTÍMETRO, BÍTOLAS 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/CAÇÃO: C25 (fck + 35 MPa)
RELACÃO 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 ADESSADO ÀTE 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	EMISSÃO INICIAL			
Nome do Empreendimento					
CER III					
Endereço do Empreendimento					
BR-367, SIN. ANTARES, EUNAPÓLIS - BA					
Título do Projeto					
PLANTA DE DETALHAMENTO DAS SAPATAS DO EDIFÍCIO PRINCIPAL (3/8)					
Projeto e coordenador					
CONSORCIO SAÚDE CONCRETAM-MEP - CNPJ 09.255.454/0001-35					
RUA JOAQUIM PALHARES, NO. 40, ANDAR 5 - RIO DE JANEIRO/RJ - CEP 20.260-080					
Responsável Técnico pelo Projeto Executivo					
MURILLO MATOS CONCEIÇÃO					
Engenheiro CREA/RJ nº 300089/20					
Disciplina					
FUNDAÇÃO					
Escala					
PROJETO EXECUTIVO					
Assinatura					
EST					
R00					
INDICADA					