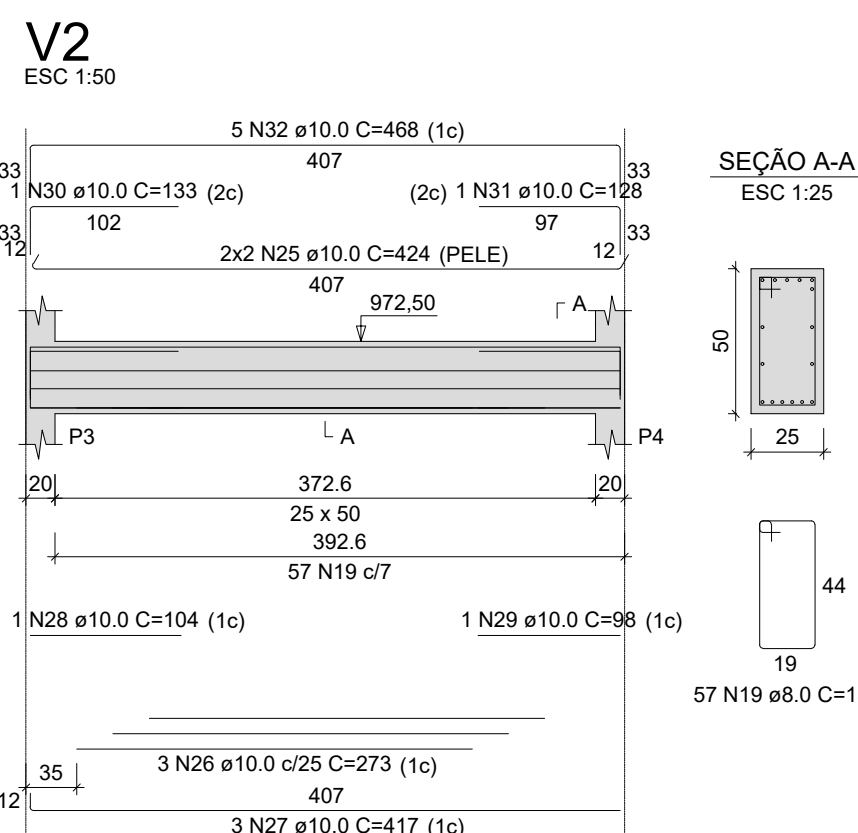
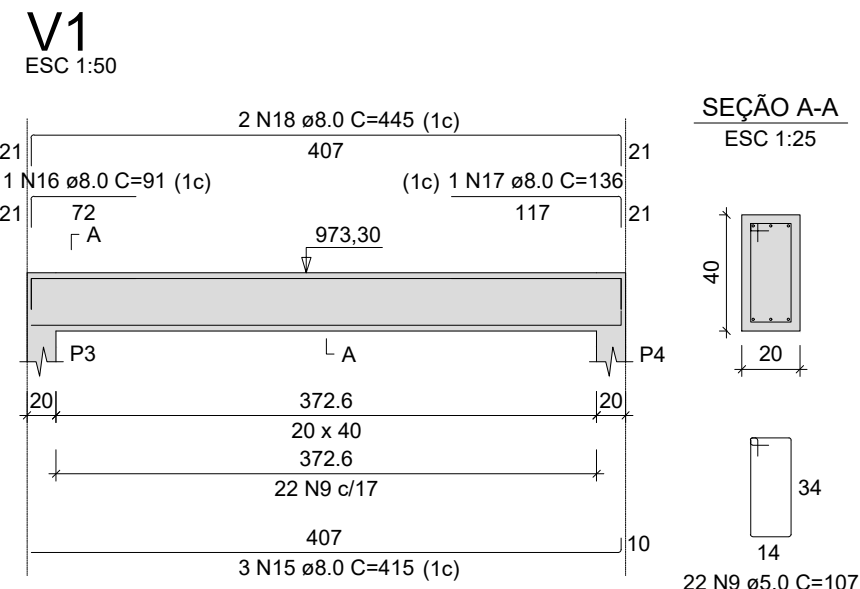
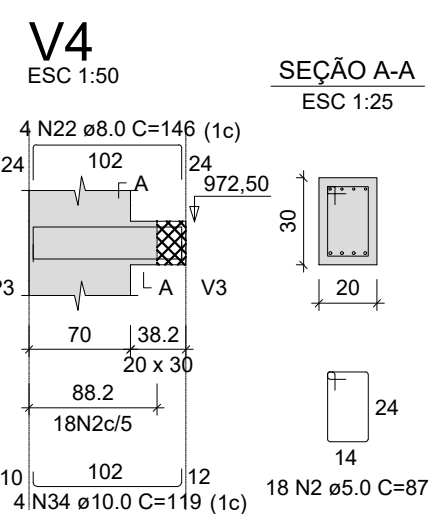
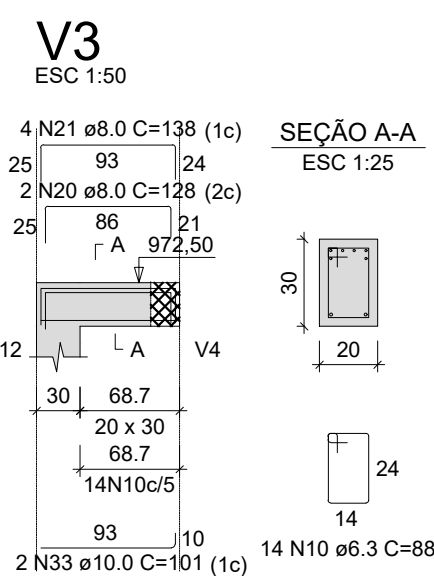
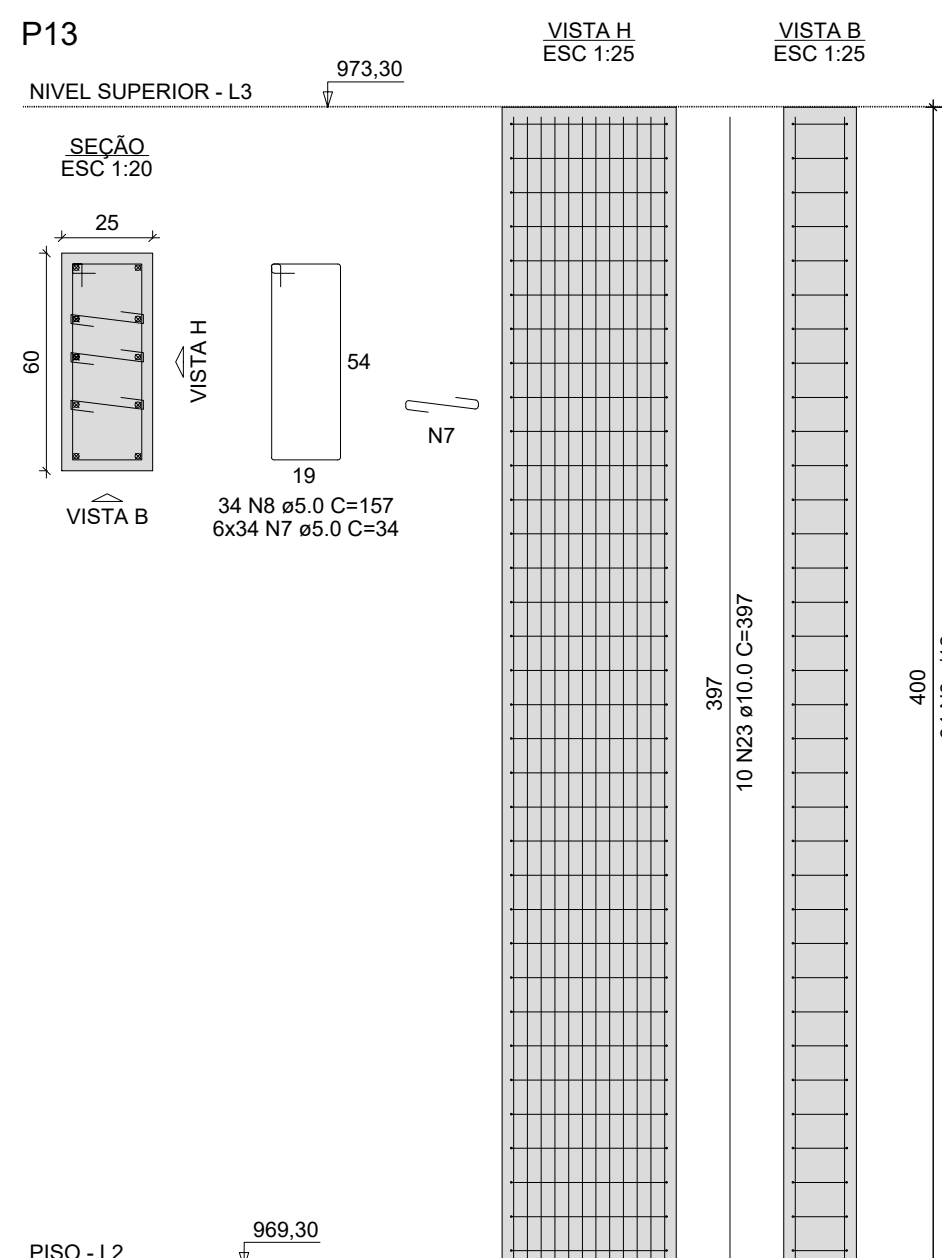
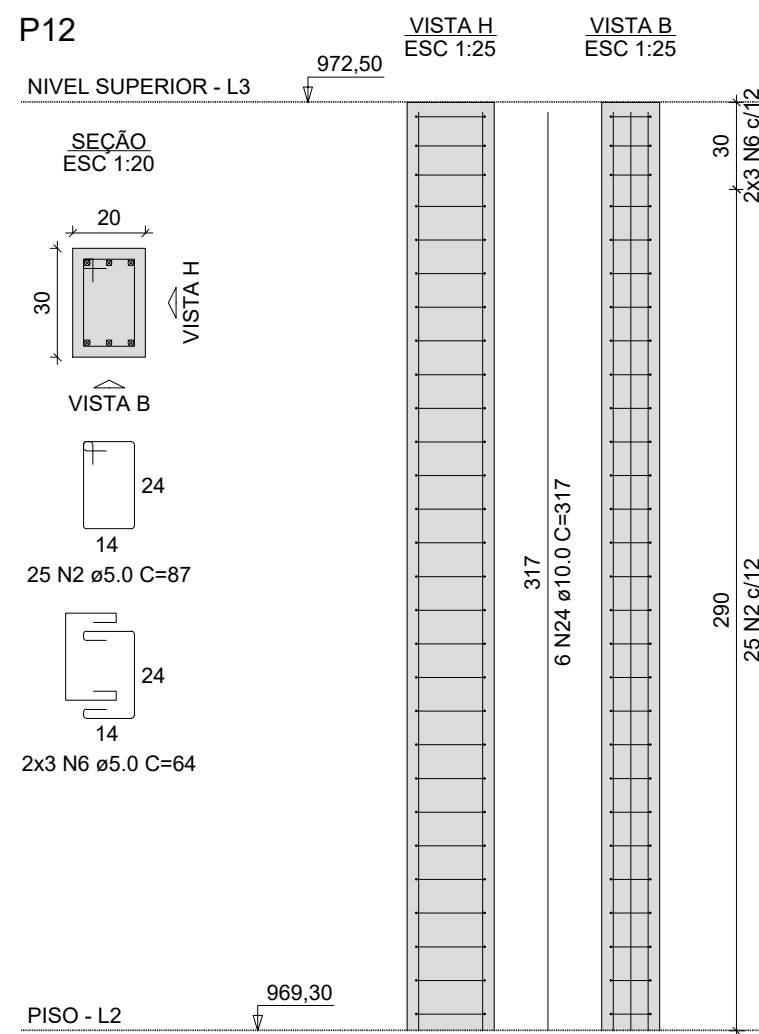
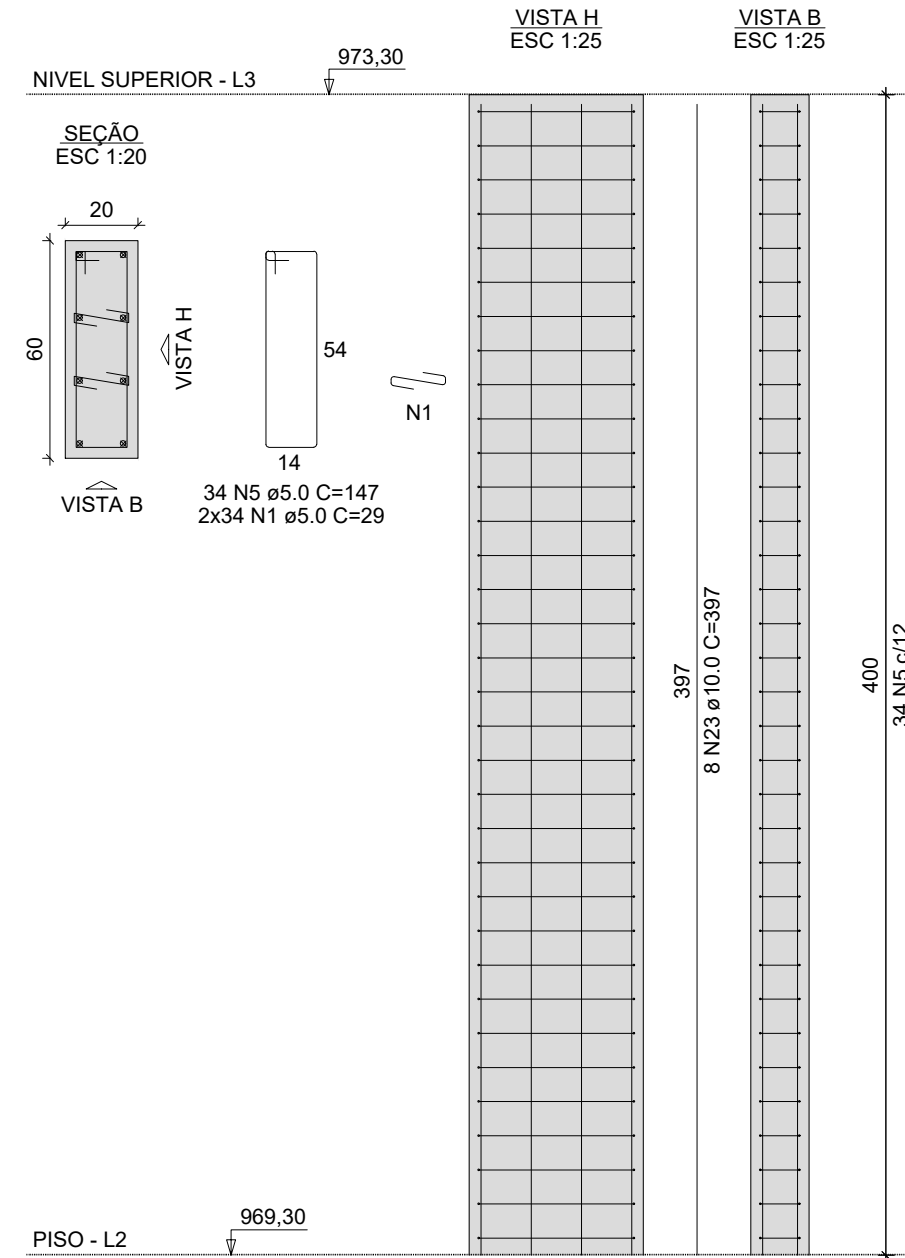


RELAÇÃO DO AÇO					
P1 P4 P12 V2	P2 P5 P13 V3	P3 10xP6 V1 V4			
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1587	29	46023
	2	5.0	110	87	9570
	3	5.0	30	167	5010
	4	5.0	8	104	832
	5	5.0	726	147	106722
	6	5.0	6	64	384
	7	5.0	204	34	6936
	8	5.0	34	157	5338
	9	5.0	22	107	2354
	10	6.3	14	88	1232
CA50	11	8.0	160	33	5280
	12	8.0	80	148	11840
	13	8.0	60	88	5280
	14	8.0	14	65	910
	15	8.0	3	415	1245
	16	8.0	1	91	91
	17	8.0	1	136	136
	18	8.0	2	445	890
	19	8.0	57	138	7866
	20	8.0	2	128	256
	21	8.0	4	138	552
	22	8.0	4	146	584
	23	10.0	216	397	85752
	24	10.0	6	317	1902
	25	10.0	4	424	1696
	26	10.0	3	273	819
	27	10.0	3	417	1251
	28	10.0	1	104	104
	29	10.0	1	98	98
	30	10.0	1	133	133
	31	10.0	1	128	128
	32	10.0	5	468	2340
	33	10.0	2	101	202
	34	10.0	4	119	476

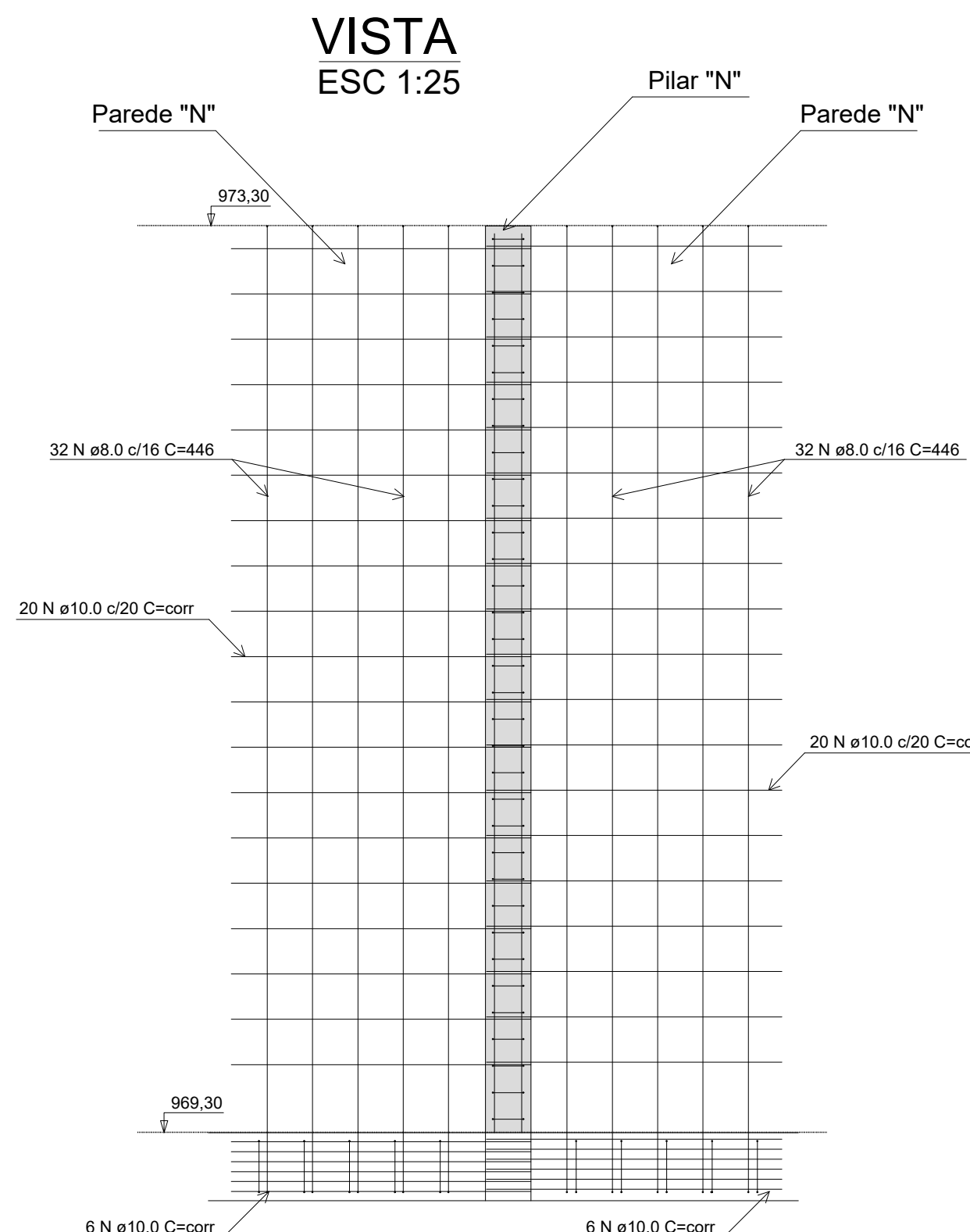
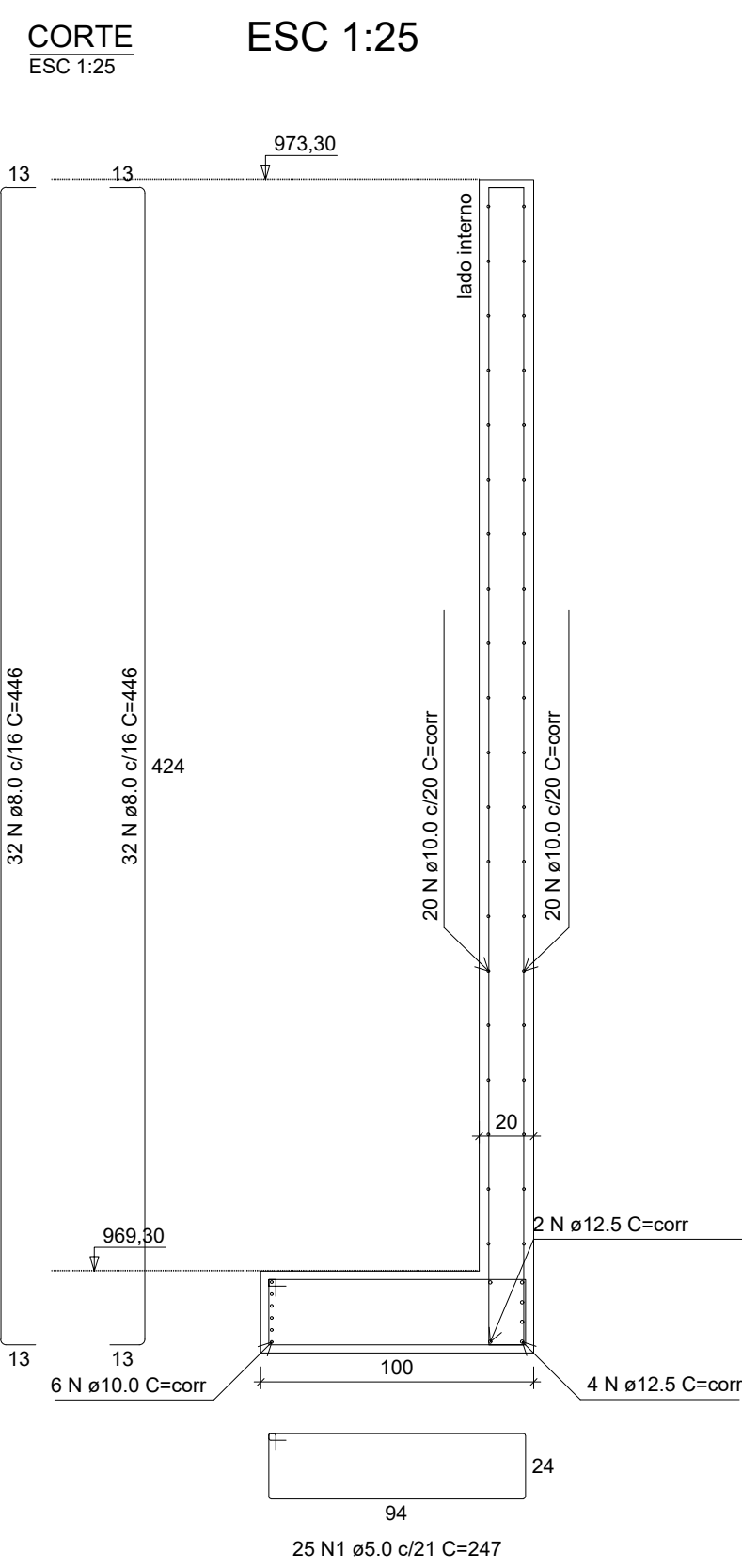
RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	12.3	3.3
	8.0	349.3	151.6
	10.0	949	643.6
CA60	5.0	1831.7	310.6
PESO TOTAL (kg)			
CA50		798.5	
CA60		310.6	

Volume de concreto fck 3,0kN/cm² (C-30) = 12.73 m³
Área de forma = 167.99 m²

P6=P7=P8=P9=P10=P11=P14=P15=P16=
=P17=P18=P19=P20=P21=P22=P23=P24=
=P25=P26



Detalhe típico -ancoragem da parede de contenção nos pilares



06	21/11/22	REVISÃO CONFORME NOTA TÉCNICA	ATACIZIO
REVISÃO	DATA	DESCRIÇÃO	RESP.
EMPRESA		MARKA ARQUITETURA E ENGENHARIA LTDA RUA PROFESSOR ABEYARD, 279, SALA 9 CENTRO, SETE LAGOAS/MG apoio@markaprojetos.com.br (31) 3177-4235 www.markaprojetos.com.br	ESPECIALIDADE ESTRUTURAL FASE DO PROJETO EXECUTIVO
EMPREENDIMENTO - OBRA		ESCOLA MUNICIPAL BELVEDERDE RUA JOSÉ COELHO, RUA CANADÁ E RUA SÉRGIO JACOWLEVSKI B. SIDERÚRGICO - CONSELHEIRO LAFAIETE/MG	RESPONSÁVEL PROJETO JOSE ATACIZIO DA FE REG. ORG. CREA-MG 11669/D COORDENADOR PROJETO KARINE NARDY PROJETISTA JOSE ATACIZIO DA FE
ASSUNTO		PRÓJETO DE ESTRUTURAS DE CONCRETO ARMAÇÃO DOS PILARES-ESTRUTURA DA QUADRA	ESCALA INDICADA N° FOLHA DATA 21/11/2022 08 ARQUIVO 08-12-QUADRA-BELVEDERE-R06