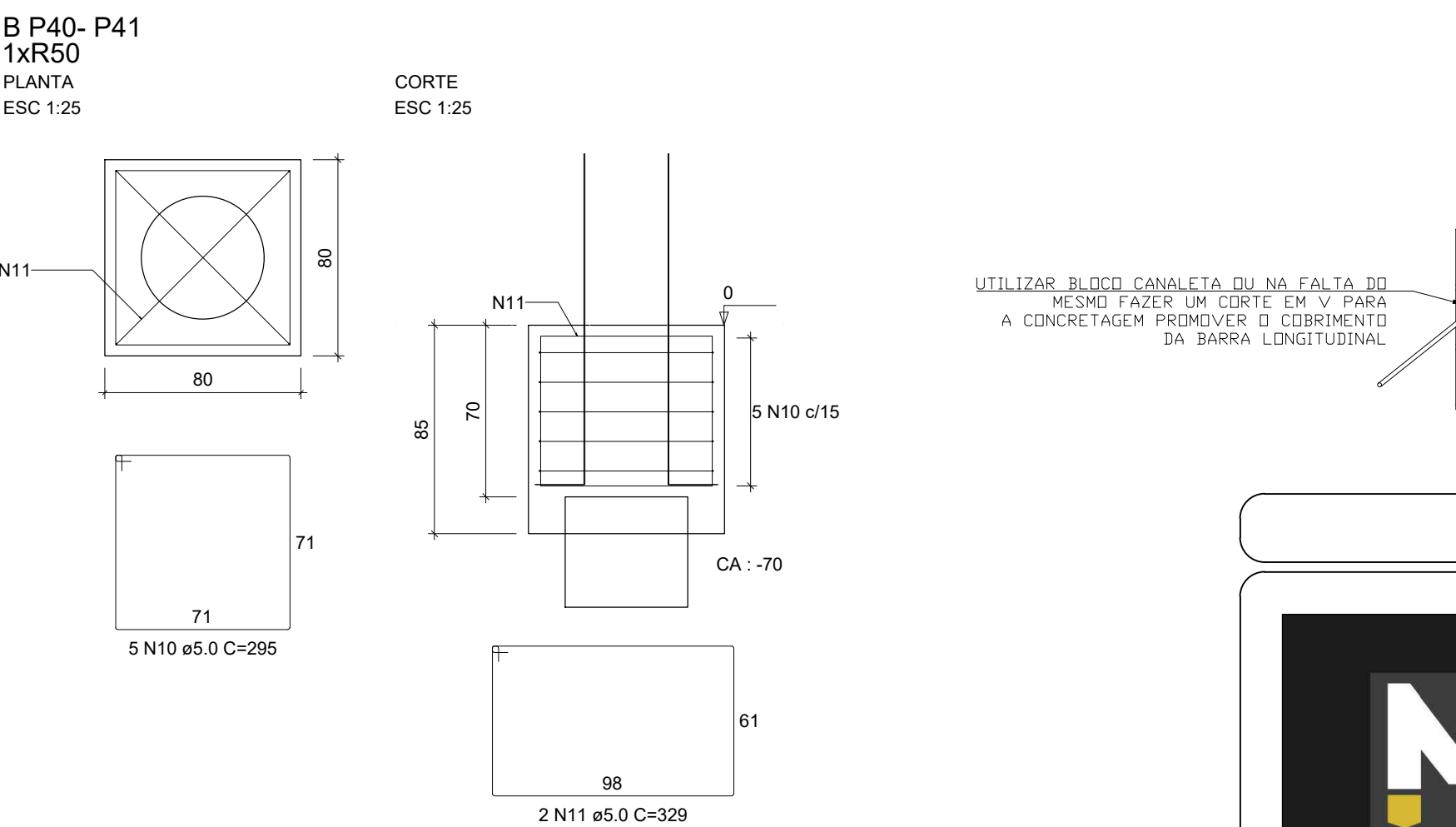
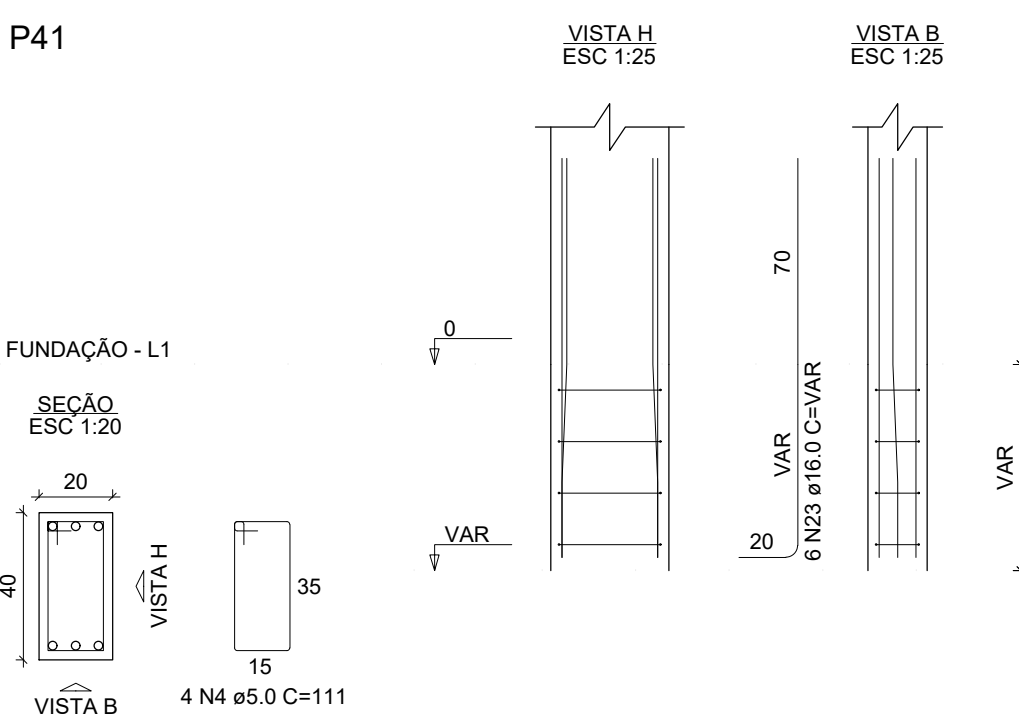
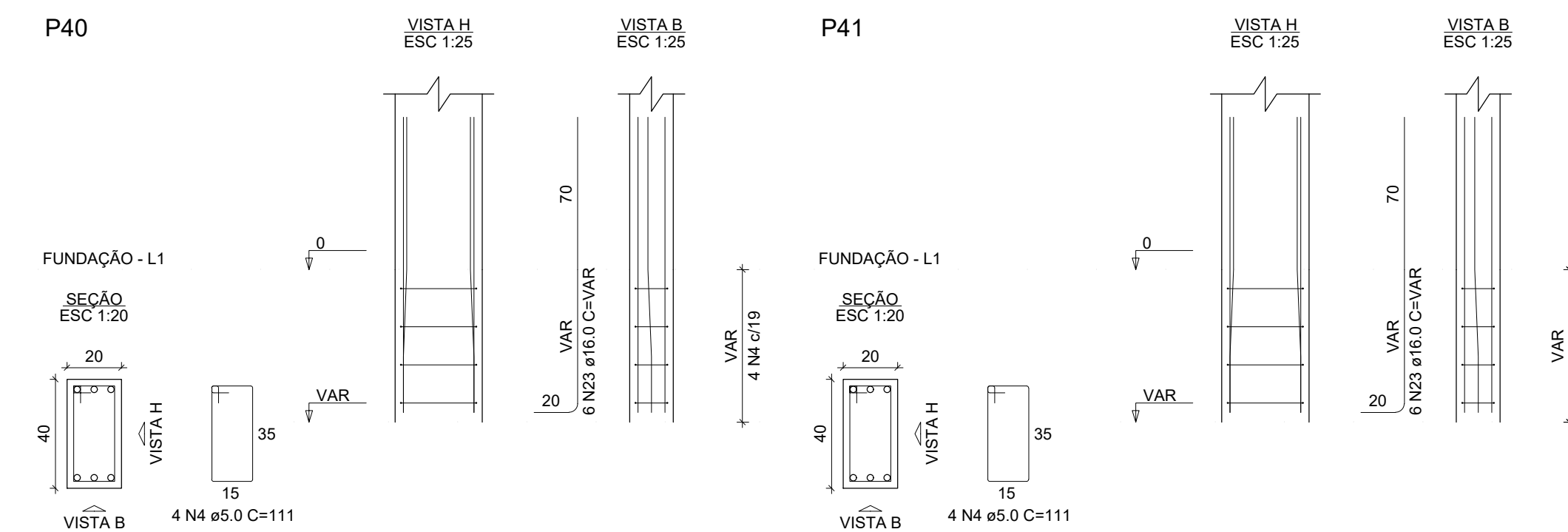
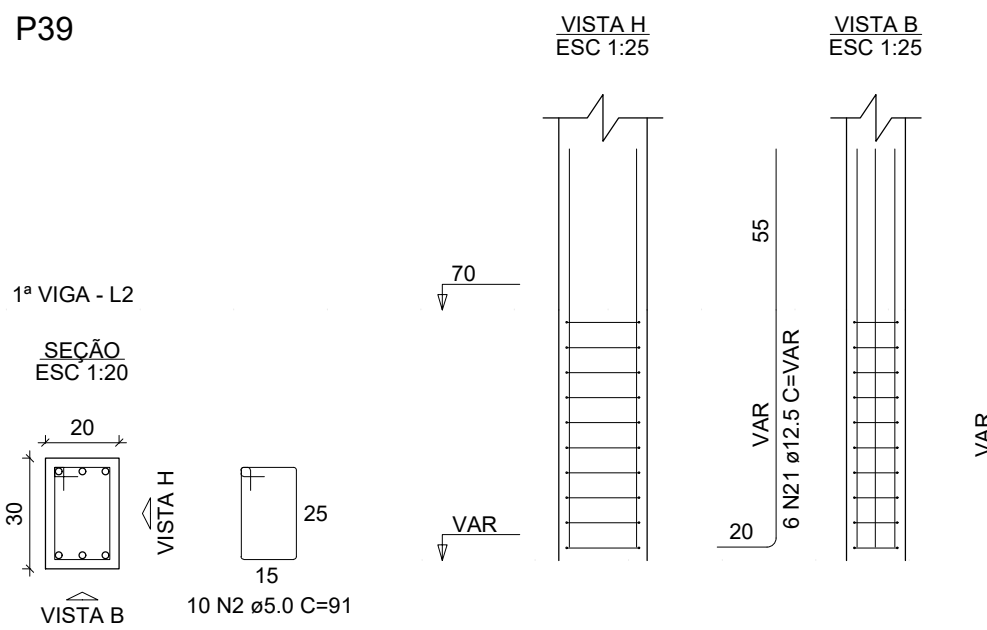
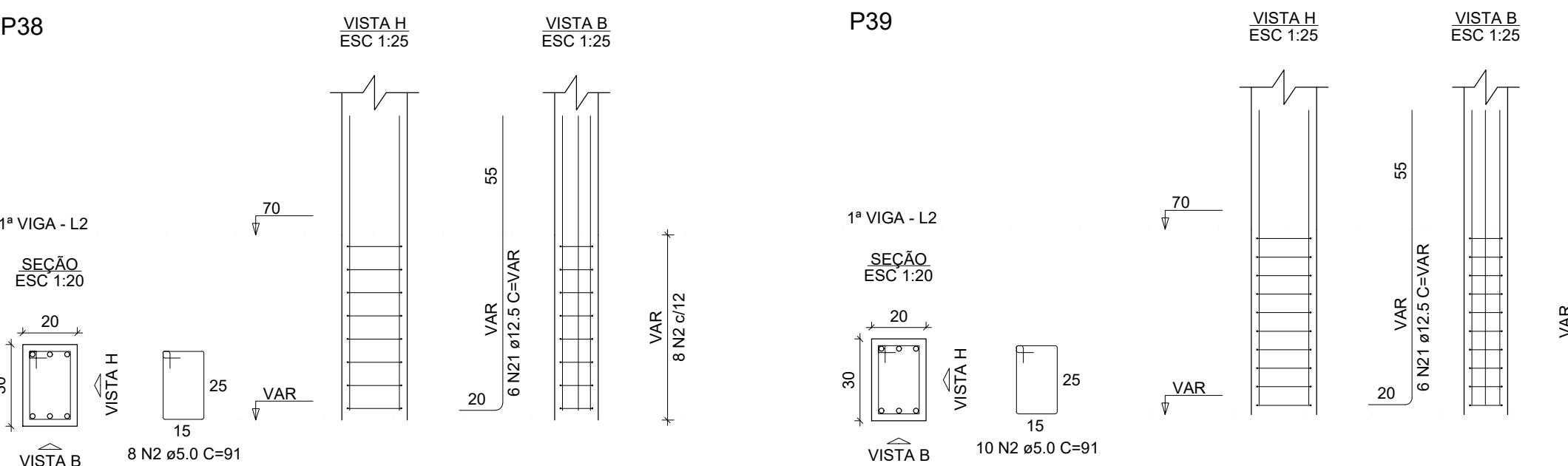
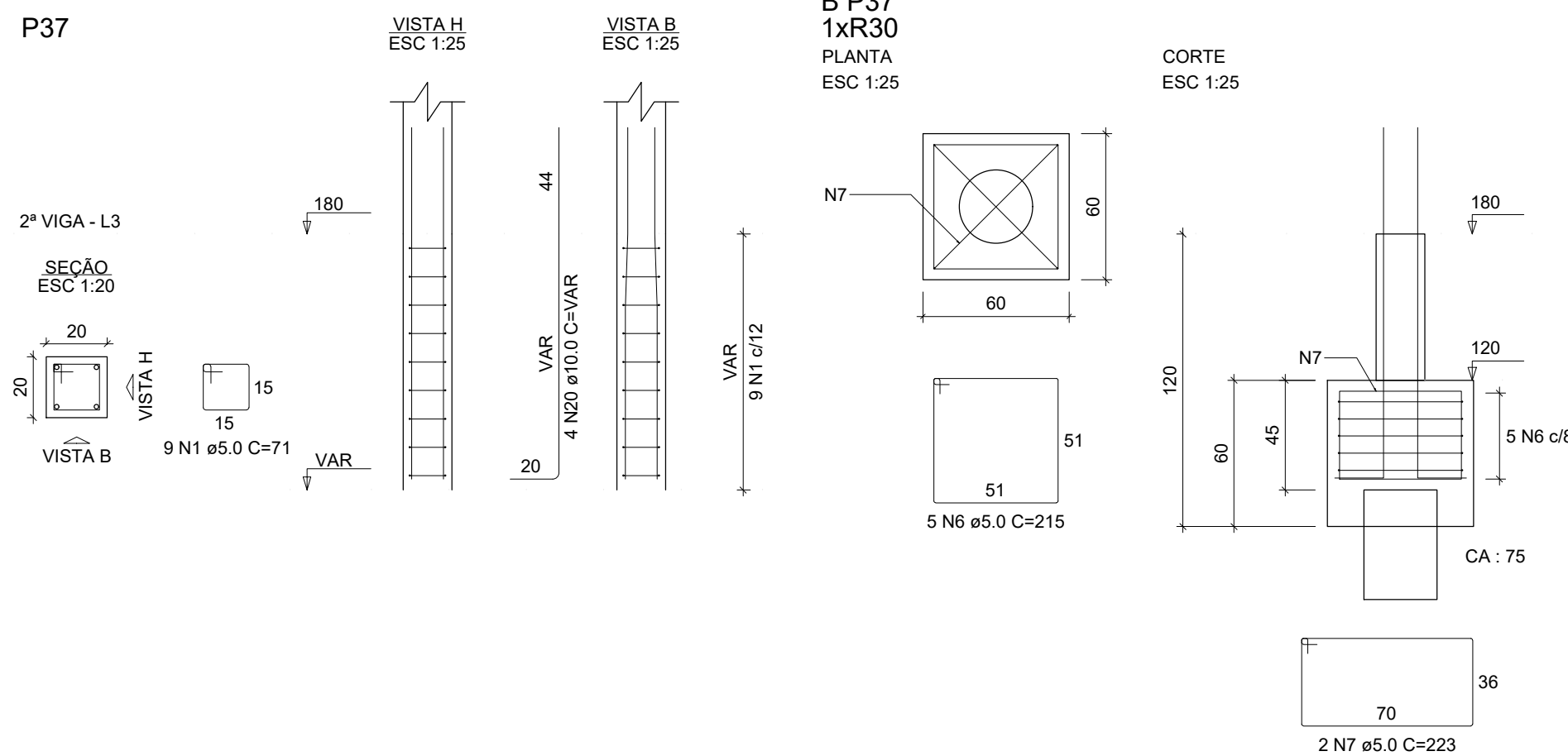
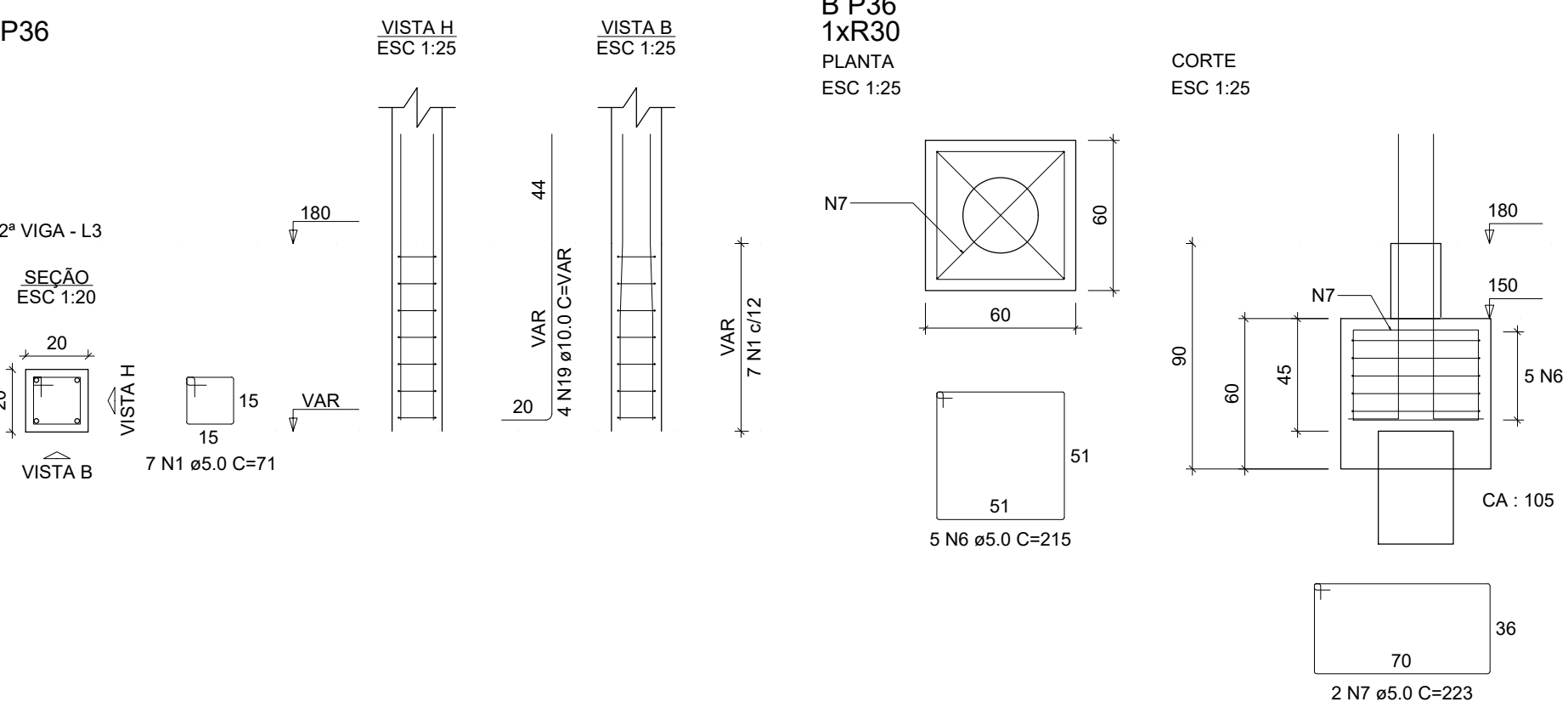
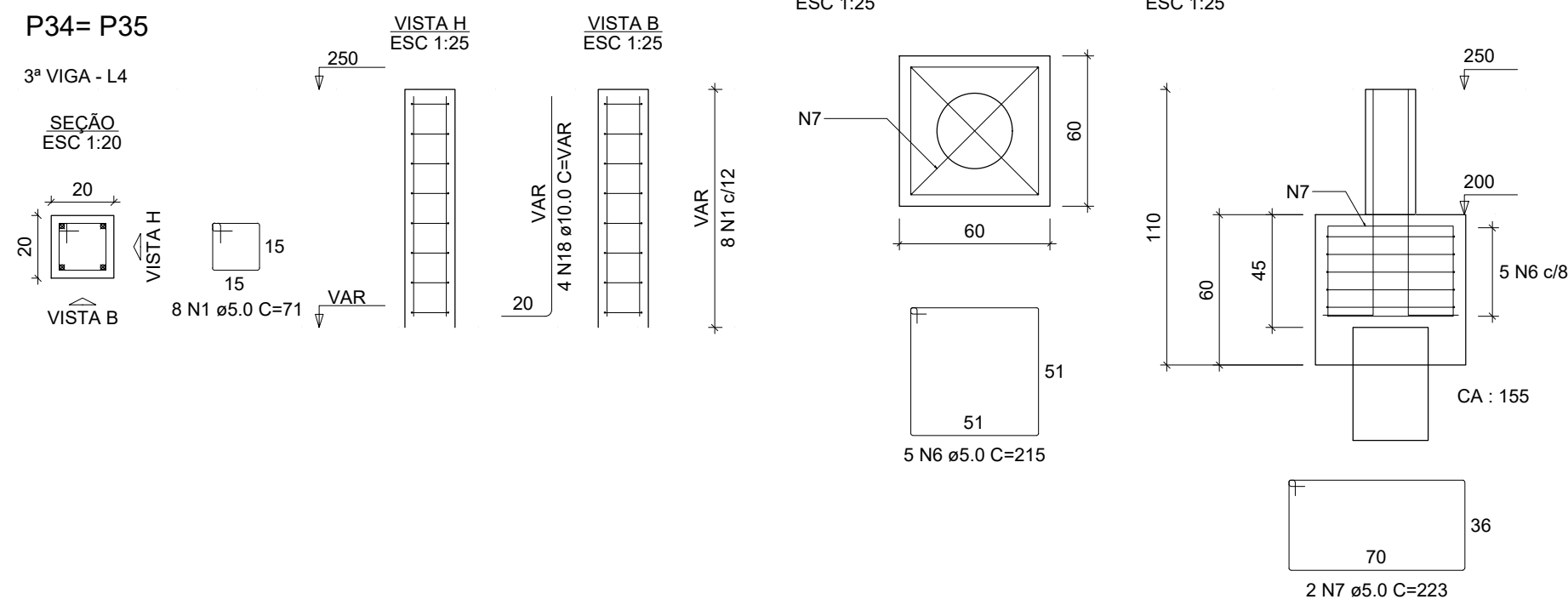
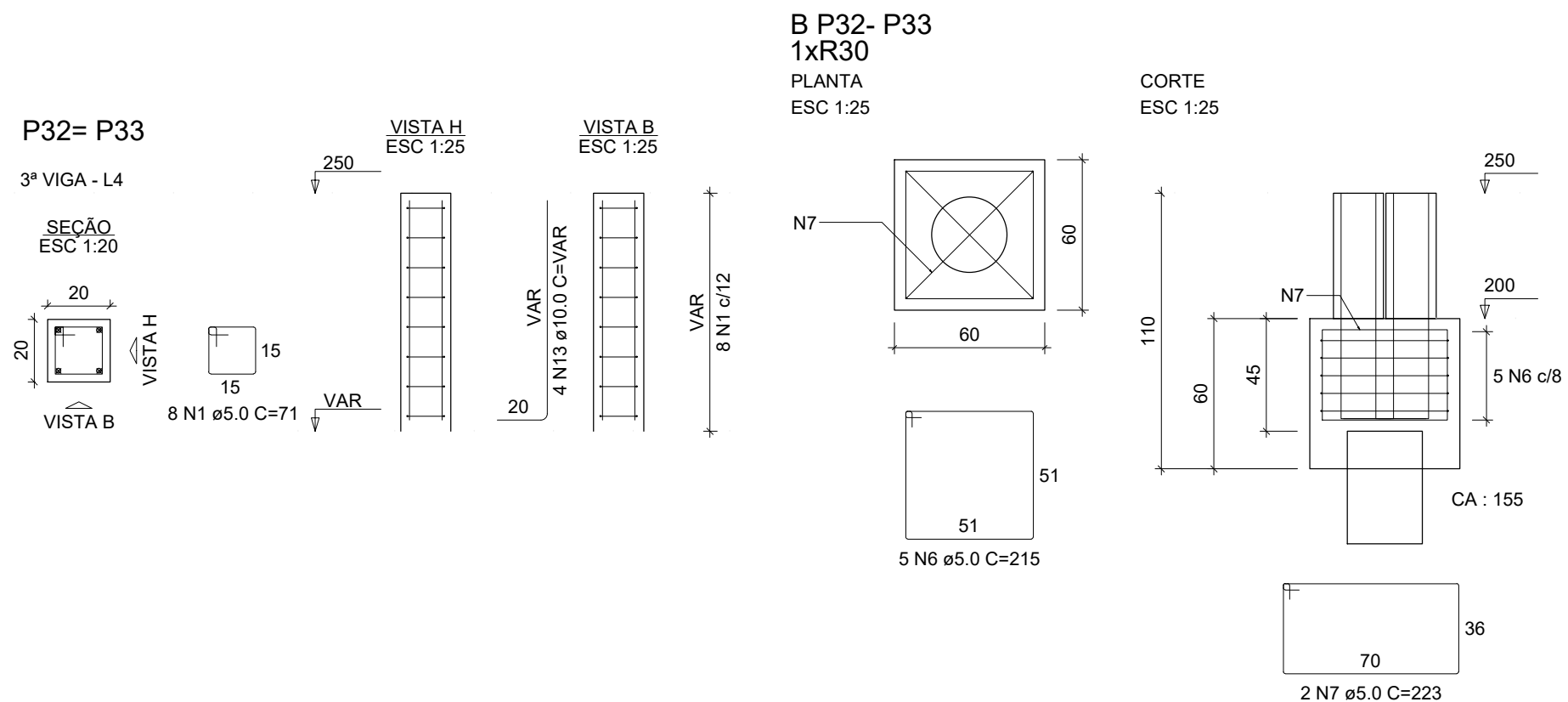


TRECHO 05
PILARES 33 A 40



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	32	71	2272
	2	5.0	18	91	1638
	3	5.0	10	30	300
	4	5.0	12	111	1332
	5	5.0	4	30	120
	6	5.0	20	215	4300
	7	5.0	8	223	1784
	8	5.0	10	255	2550
	9	5.0	4	271	1084
	10	5.0	6	285	1475
	11	5.0	2	329	658
CA50	12	5.0	99	87	8613
	13	8.0	2	454	908
	14	8.0	6	504	3024
	15	8.0	4	462	1848
	16	8.0	2	253	506
	17	8.0	2	302	604
	18	10.0	8	VAR	VAR
	19	10.0	4	VAR	VAR
	20	10.0	4	VAR	VAR
	21	12.5	18	VAR	VAR
	22	16.0	6	140	840
	23	16.0	14	VAR	VAR

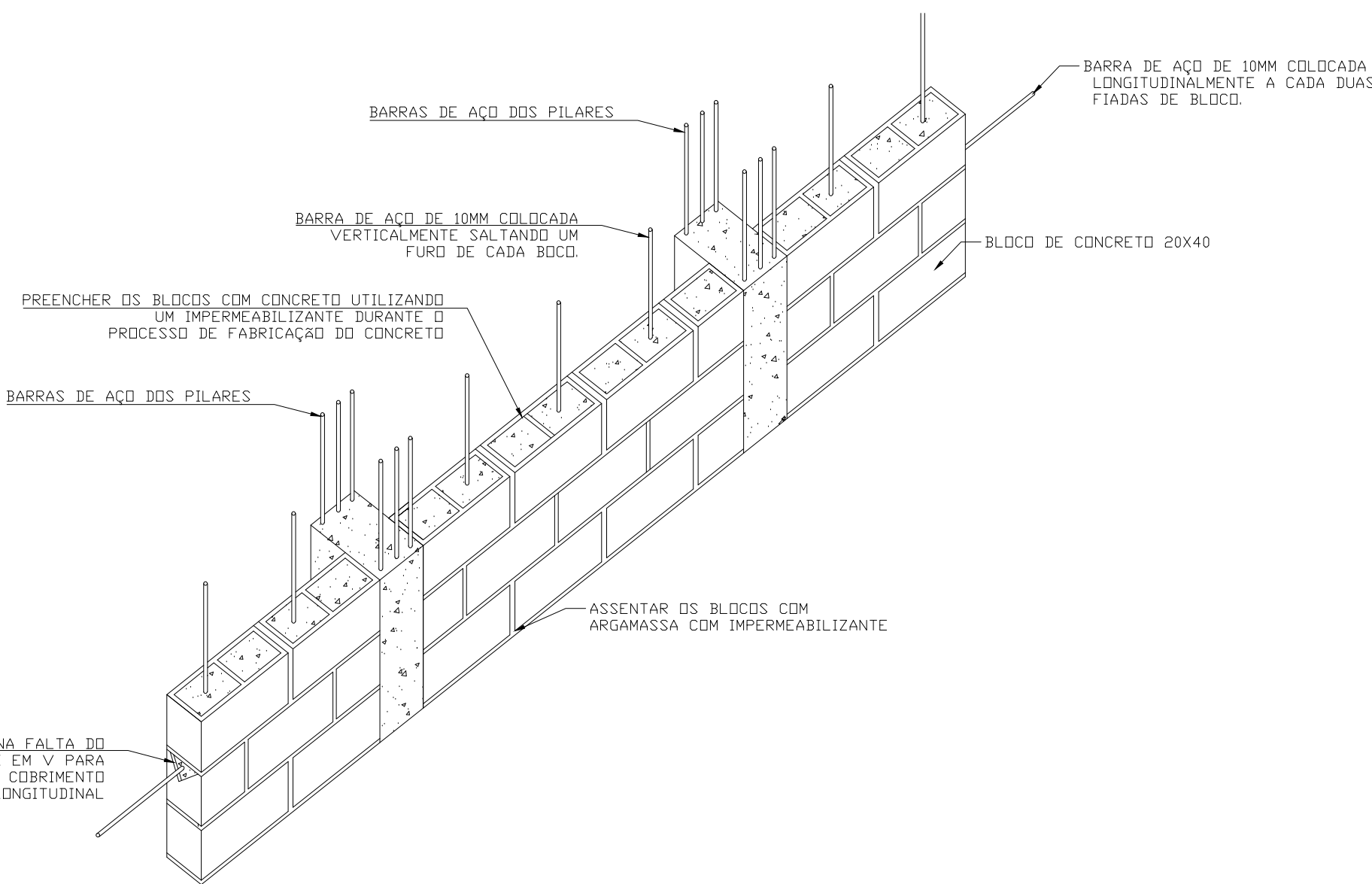
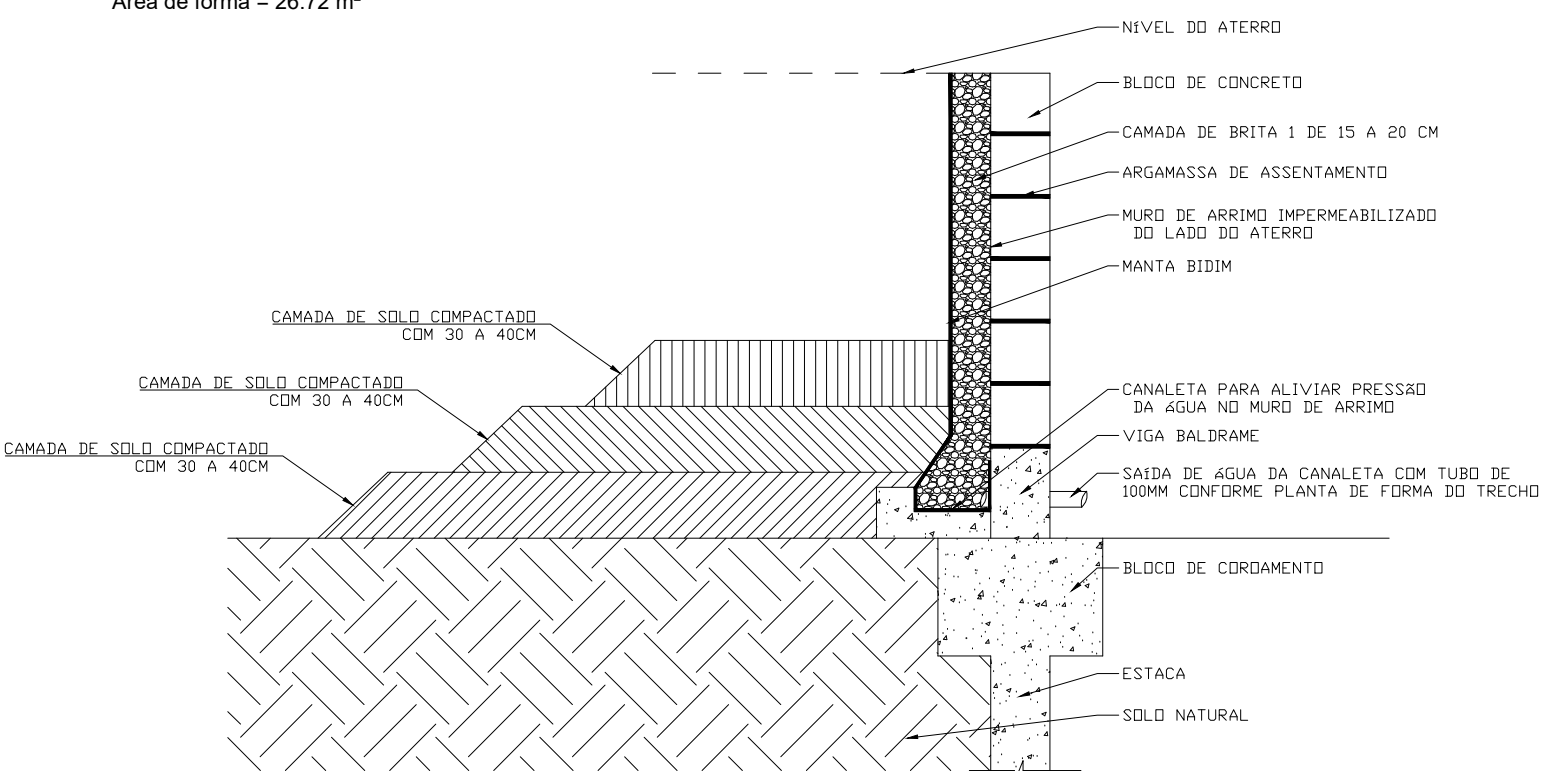
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	68.9	29.9
	10.0	20.3	13.8
	12.5	27.5	29.2
CA60	5.0	261.3	44.3
PESO TOTAL (kg)			
CA50		124.4	
CA60		44.3	

Volume de concreto (C-25) = 0.17 m³
Volume de concreto (C-25) = 2.84 m³
Área de forma = 26.72 m²

OBSERVAÇÃO

1	O CONCRETO PARA ESTACAS, TUBULÕES, VIGAS E PILARES DEVERÁ SER DE 20MPa.
2	O CONCRETO PARA PREENCHER OS BLOCOS DEVERÁ SER DE 20MPa.



PROJETO ESTRUTURAL



OBRA:	PÚBLICA - TRECHO 05		
ENDEREÇO:	RUA JOÃO RODRIGUES DOS SANTOS, VILA NOVA - CEDRO DO ABAETÉ-MG		
RESPONSÁVEL TÉCNICO:	GUILHERME VINÍCIUS MACHADO		CREA: 250613
FRANCHA:	Pilares e Blocos		
PAVIMENTO:	Fundação	UNIDADE:	01
PROPRIETÁRIO:	PREFEITURA DO CEDRO DO ABAETÉ	FOLHA:	11/49
ESCALA:	-	DATA:	07/11/2022