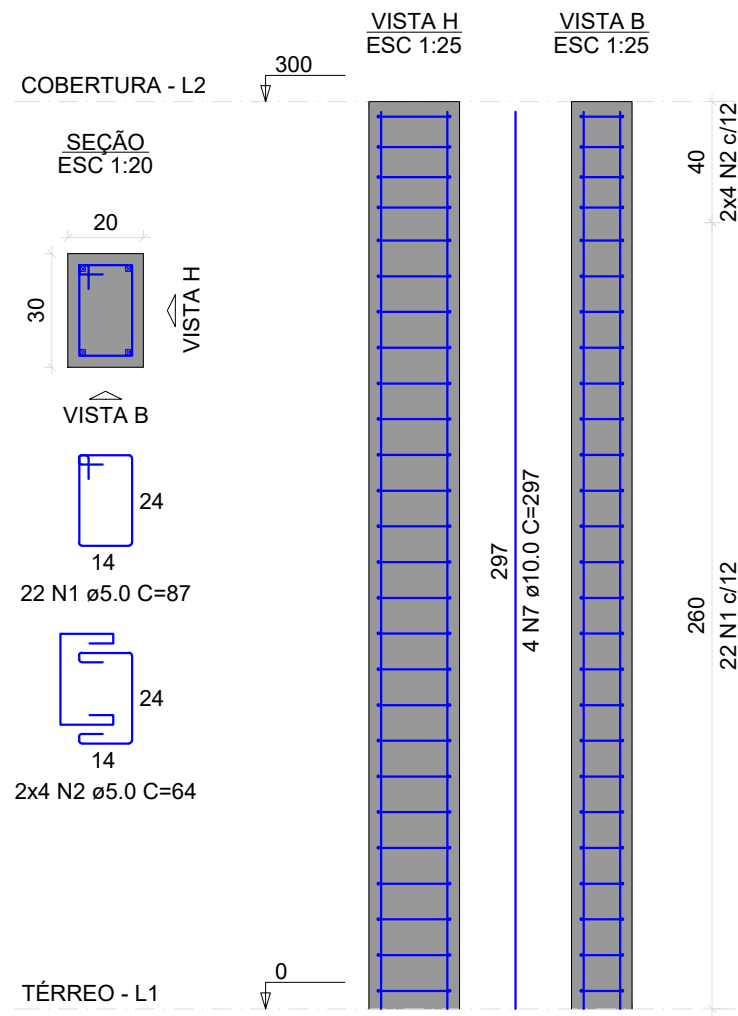
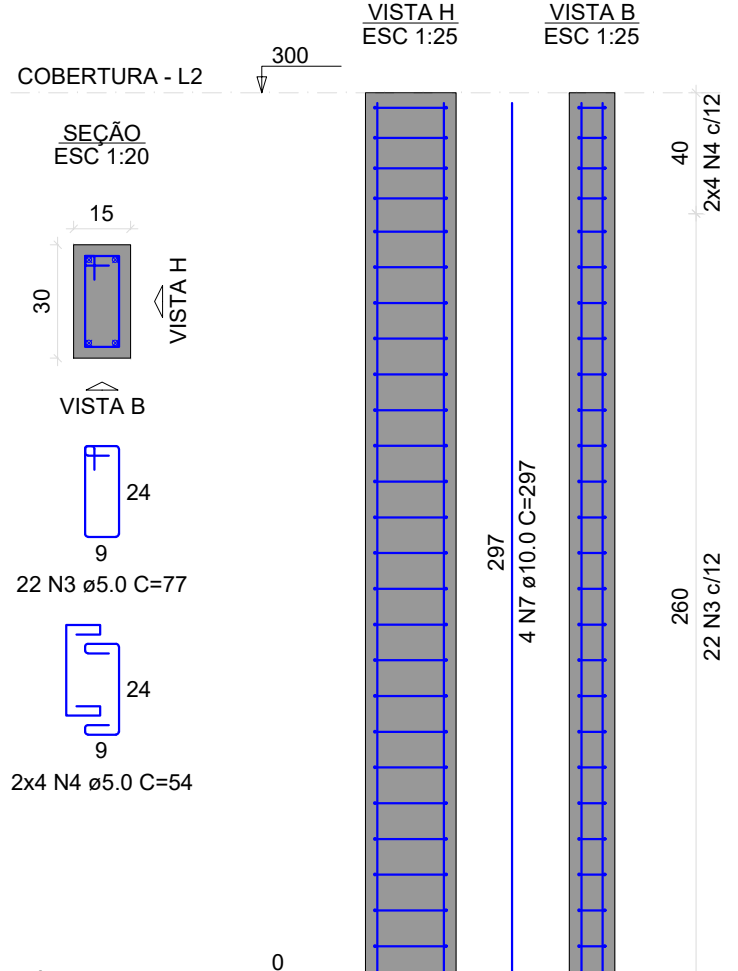


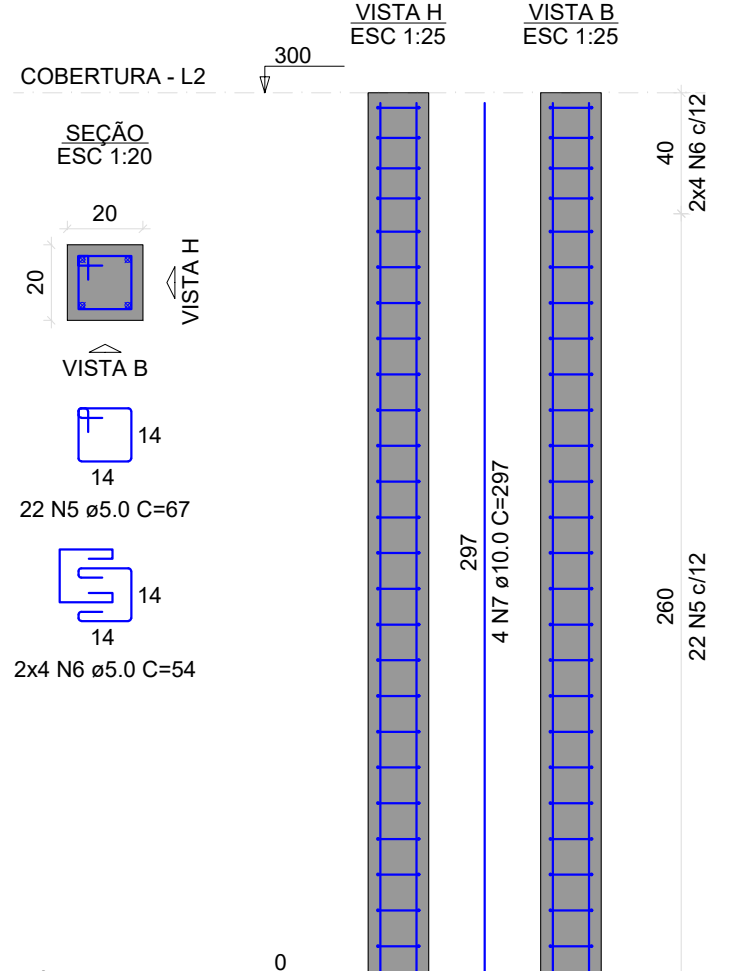
P1=P3=P4=P6=P7=P9



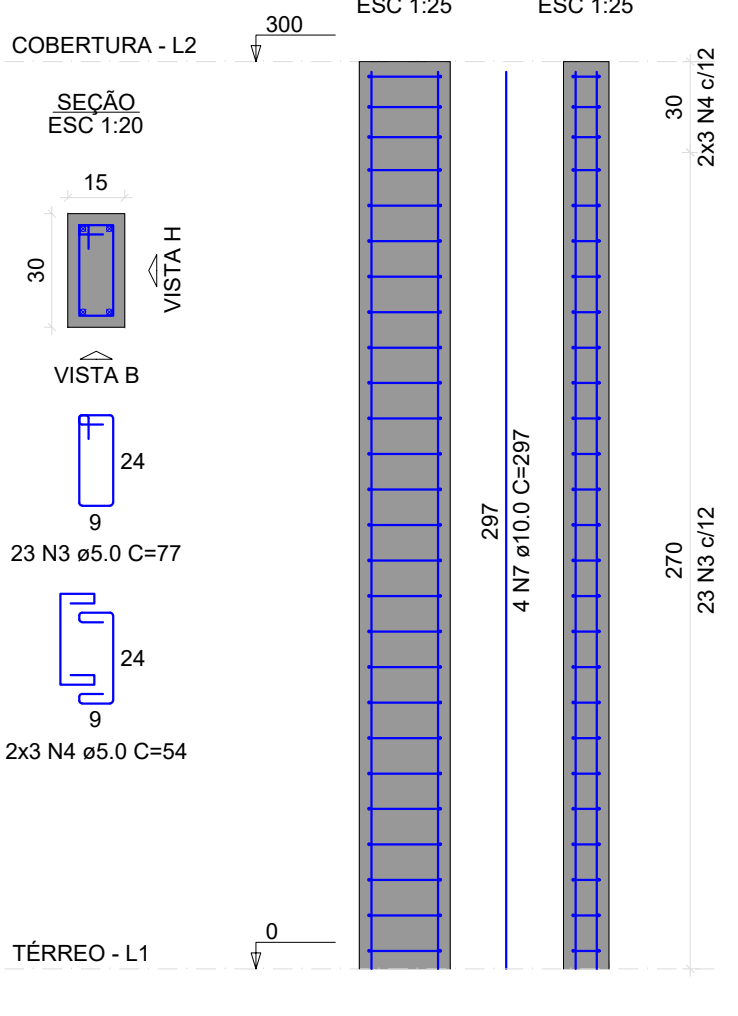
P2=P5=P8=P16=P17=P18=
=P19=P20=P21=P22=P23



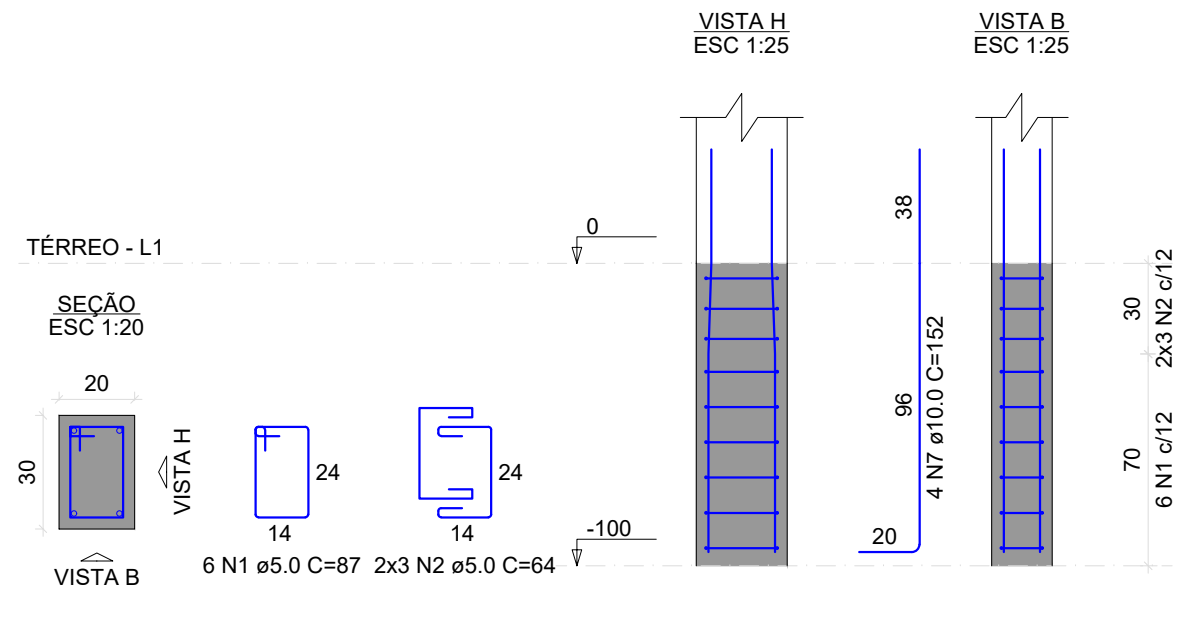
P10=P11=P12=P13=P14=
=P15



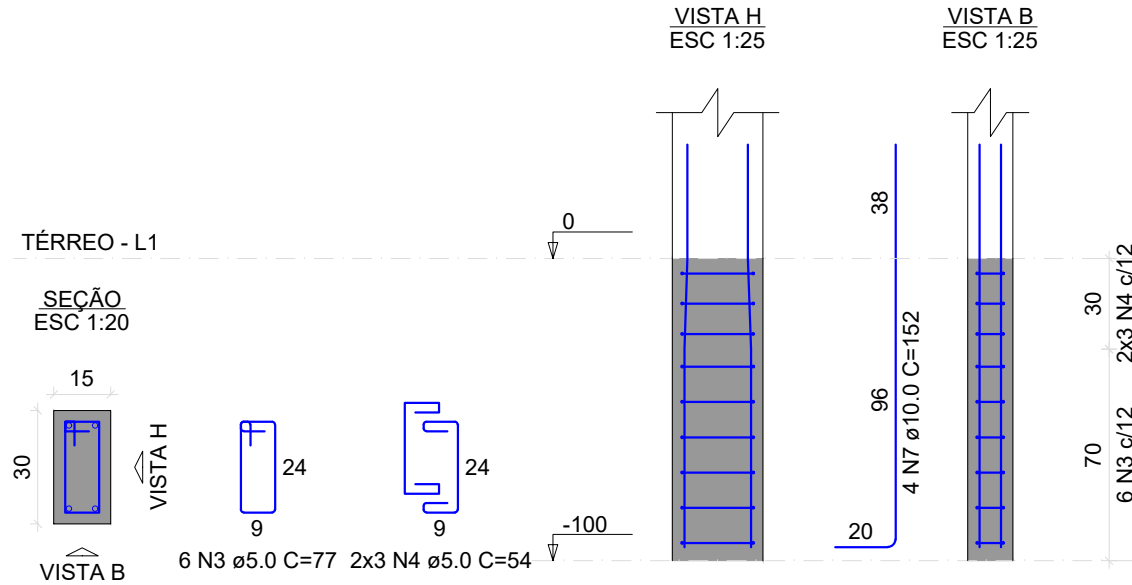
P24=P25



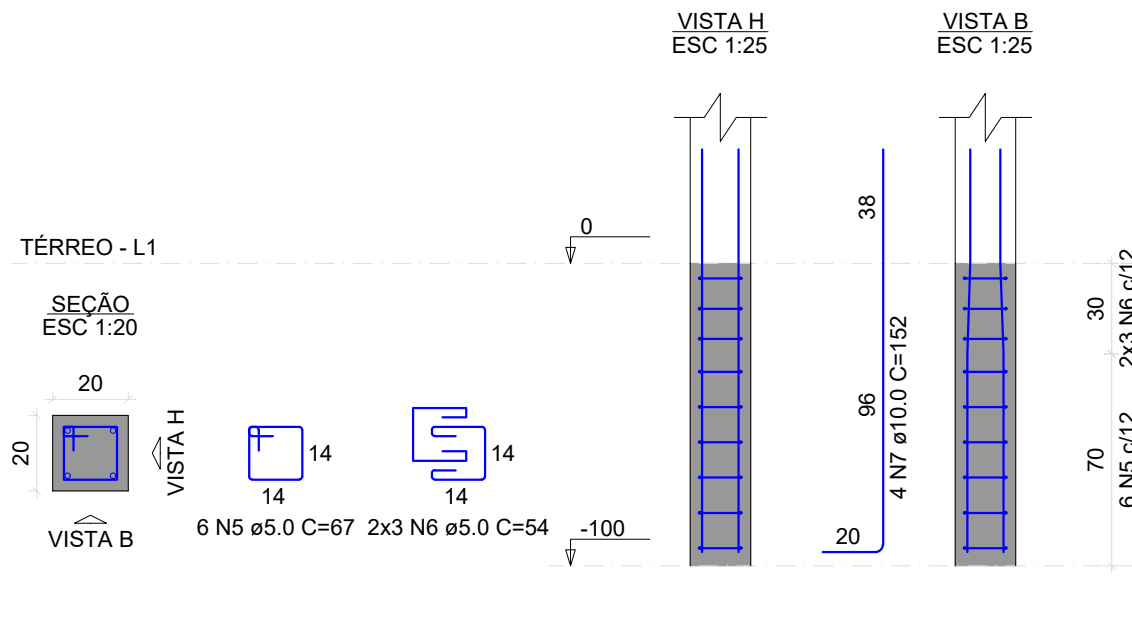
P1=P3=P4=P6=P7=P9



P2=P5=P8=P16=P17=P18=P19=P20=P21=
=P22=P23=P24=P25



P10=P11=P12=P13=P14=P15



RELAÇÃO DO AÇO

6xP1 11xP2 6xP10

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	132	87	11484
	2	5.0	48	64	3072
	3	5.0	288	77	22176
	4	5.0	100	54	5400
	5	5.0	132	67	8944
CA50	6	5.0	48	54	2592
	7	10.0	100	297	29700

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	297	201.4
CA60	5.0	535.7	90.8

PESO TOTAL (kg)

CA50	201.4
CA60	90.8

Volume de concreto (C-25) = 3.55 m³

Área de forma = 67.50 m²

RELAÇÃO DO AÇO

6xP1 13xP2 6xP10

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	36	87	3132
	2	5.0	36	64	2304
	3	5.0	78	77	6006
	4	5.0	78	54	4212
	5	5.0	36	67	2412
	6	5.0	36	54	1944
	7	10.0	100	152	15200
CA50					

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	152	103.1
CA60	5.0	200.1	33.9

PESO TOTAL (kg)

CA50	103.1
CA60	33.9

Volume de concreto (C-25) = 0.71 m³

Área de forma = 13.50 m²



DATA 03/03/2026	PROJETO ESTRUTURAL
Rua José Lincoln de Lima, s/n, Bairro São Cristóvão, São João Nepomuceno, MG	
RESPONSÁVEL TÉCNICO	
CREA	Anderson José de Lima Rabelo CREA - MG: 212.395/D
PROPRIETÁRIO	
CPE/CNPJ	Prefeitura Municipal de São João Nepomuceno - CNPJ 18.558.072/0001-14
CONTEÚDO DA FOLHA PILARES	FOLHA 03/05