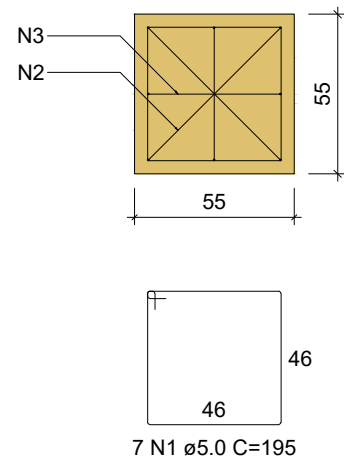
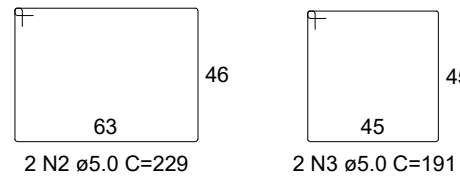
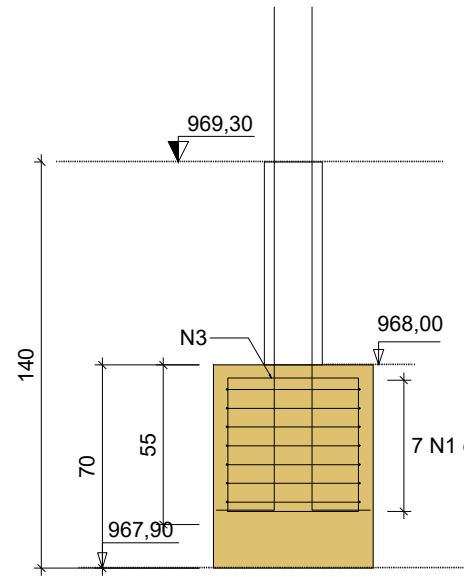


B2

PLANTA
ESC 1:25

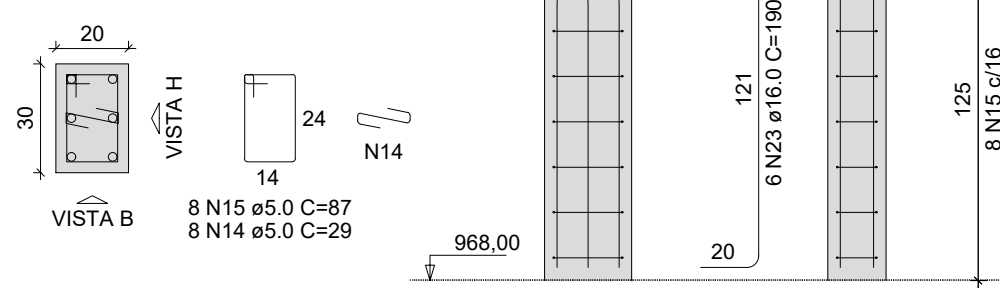


CORTE
ESC 1:25



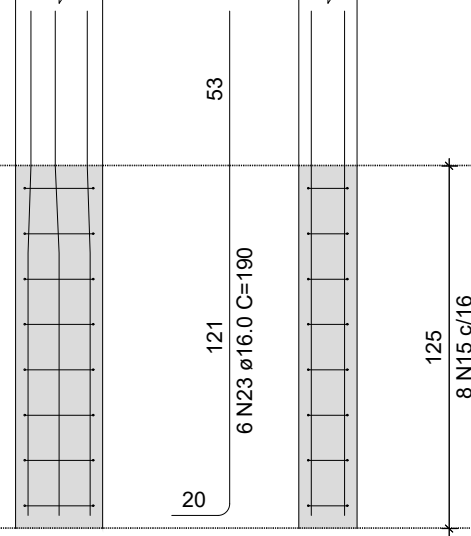
P2

SEÇÃO
ESC 1:20



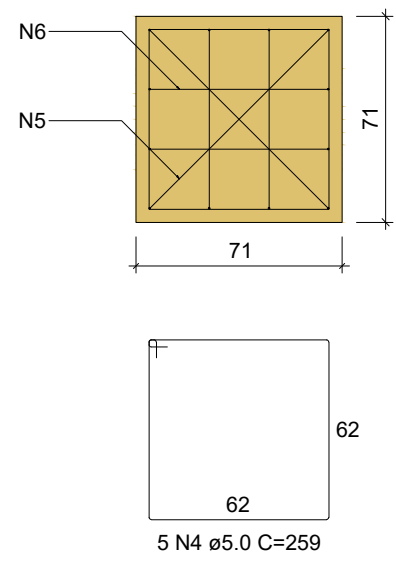
VISTA H
ESC 1:25

VISTA B
ESC 1:25

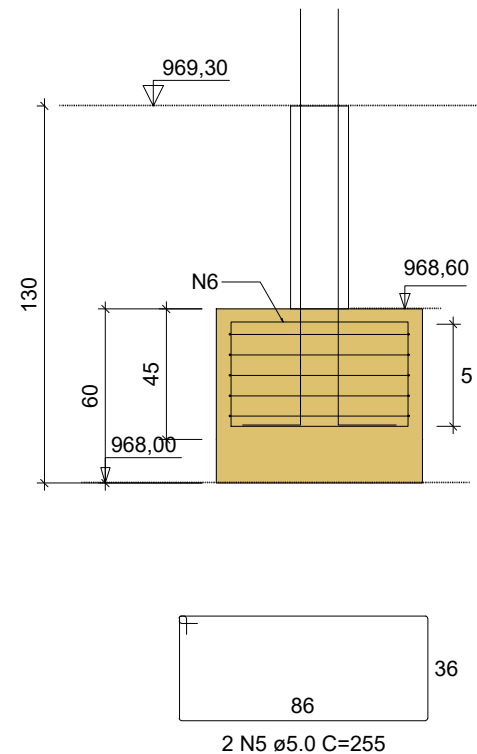


B3

PLANTA
ESC 1:25

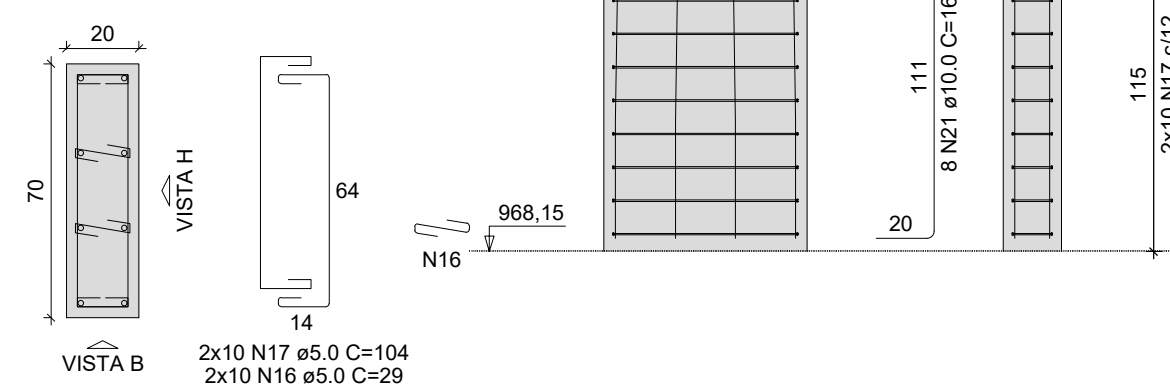


CORTE
ESC 1:25



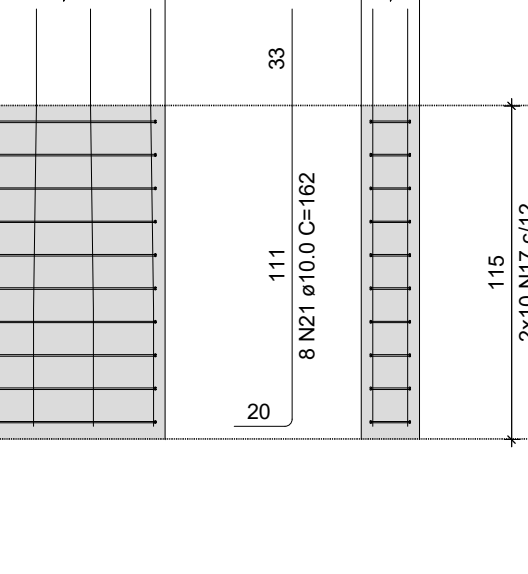
P3

SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

VISTA B
ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
B2	1	5.0	12	195	2340
B5	2	5.0	2	229	458
B11	3	5.0	2	191	382
P3	4	5.0	5	259	1295
P6	5	5.0	2	255	510
P11	6	5.0	4	203	812
	7	5.0	2	209	418
	8	5.0	2	171	342
	9	5.0	34	219	7446
	10	5.0	10	227	2270
	11	5.0	20	183	3660
	12	5.0	8	225	1800
	13	5.0	16	179	2864
	14	5.0	8	29	232
	15	5.0	8	87	696
	16	5.0	200	29	5800
	17	5.0	20	104	2080
	18	5.0	20	64	1280
	19	5.0	90	147	13230
	20	5.0	21	220	4620
	21	10.0	86	162	13932
	22	10.0	4	67	268
	23	16.0	6	190	1140

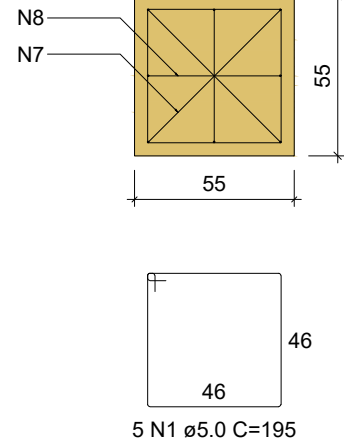
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	46.2	12.4
CA50	10.0	142	96.3
CA60	16.0	11.4	19.8
CA60	5.0	479.2	81.2
PESO TOTAL (kg)			
CA50		128.5	
CA60		81.2	

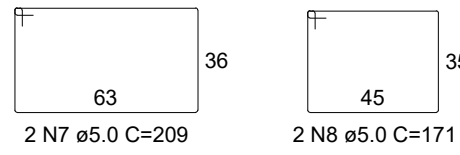
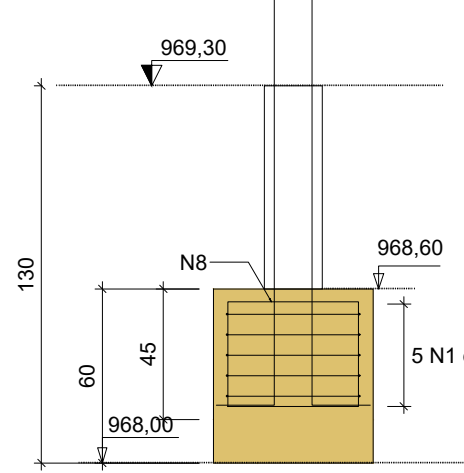
Volume de concreto fck 3,0kN/cm² (C-30) = 3.55 m³
Área de forma = 30.48 m²

B4

PLANTA
ESC 1:25

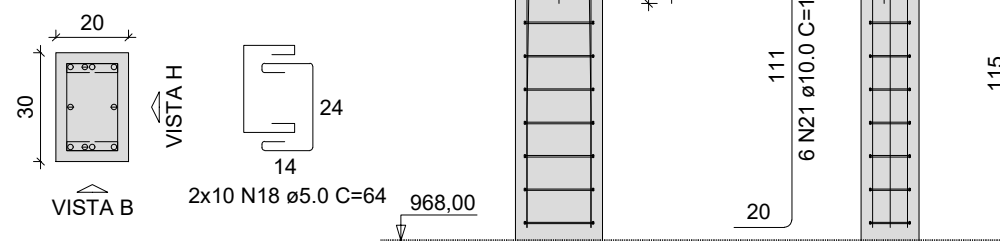


CORTE
ESC 1:25



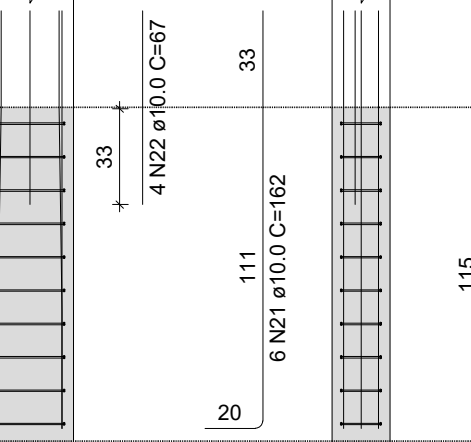
P4

SEÇÃO
ESC 1:20



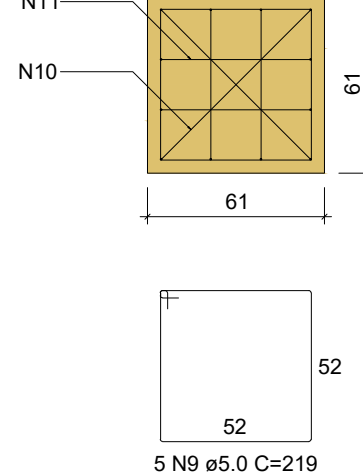
VISTA H
ESC 1:25

VISTA B
ESC 1:25

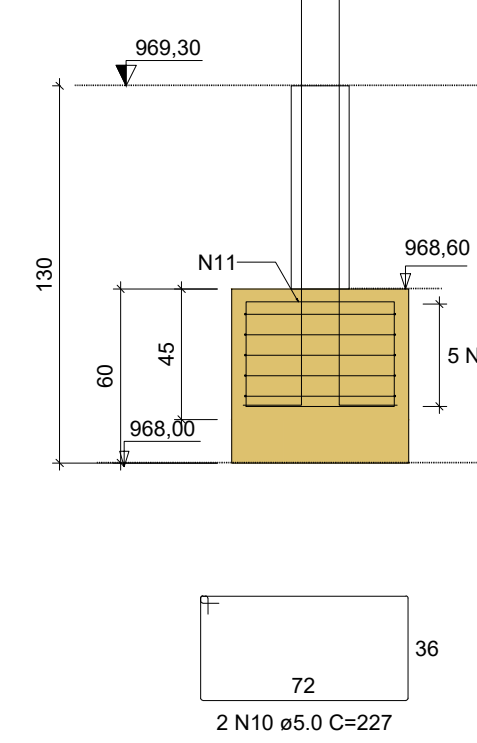


B5

PLANTA
ESC 1:25

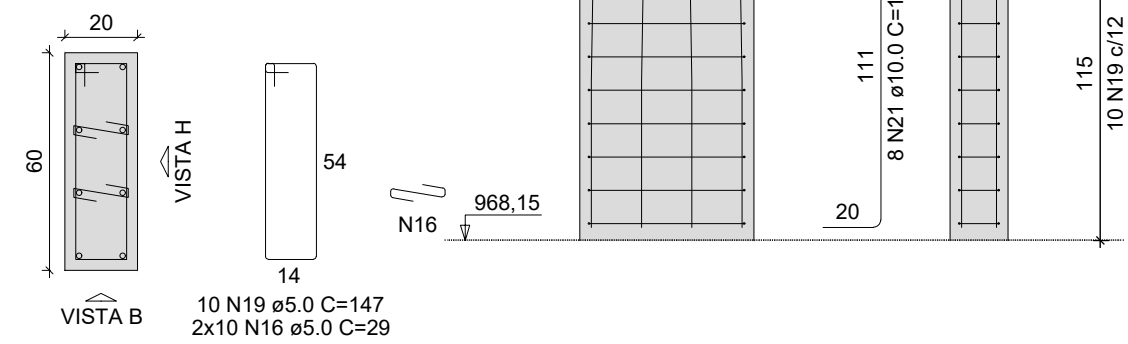


CORTE
ESC 1:25



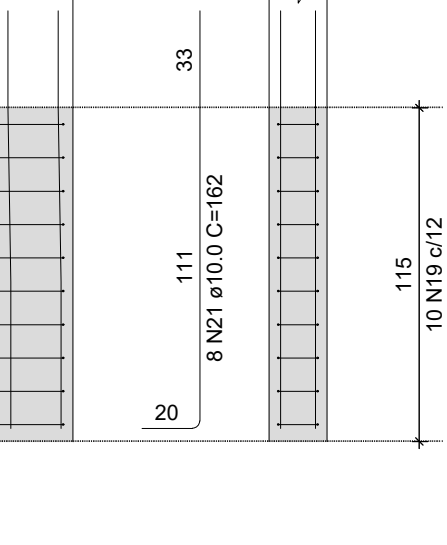
P5

SEÇÃO
ESC 1:20



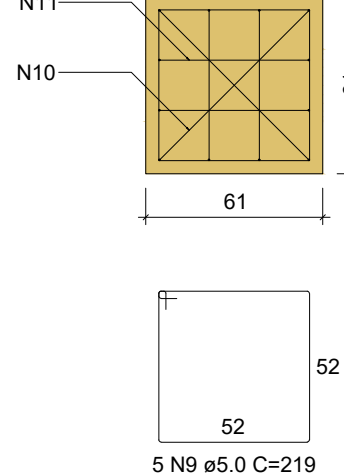
VISTA H
ESC 1:25

VISTA B
ESC 1:25

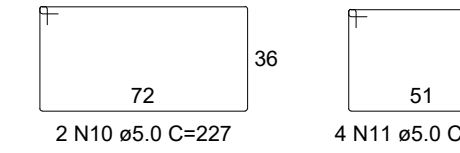
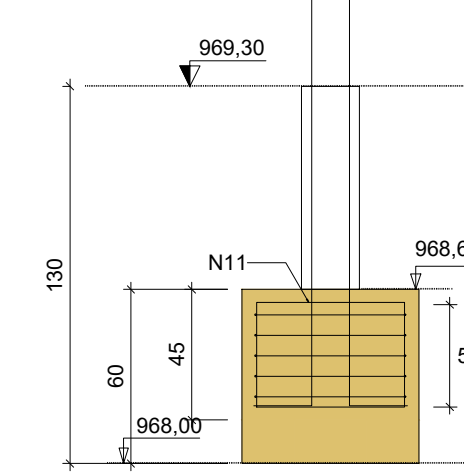


B6

PLANTA
ESC 1:25

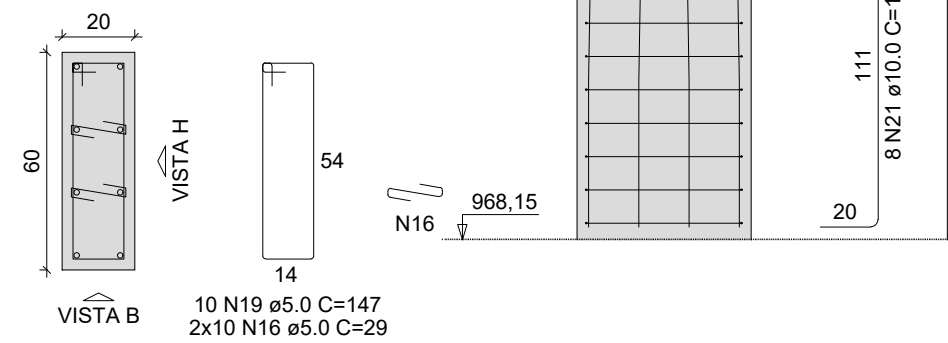


CORTE
ESC 1:25



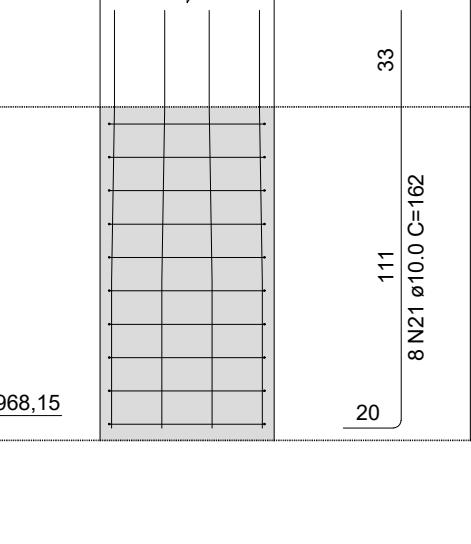
P6

SEÇÃO
ESC 1:20



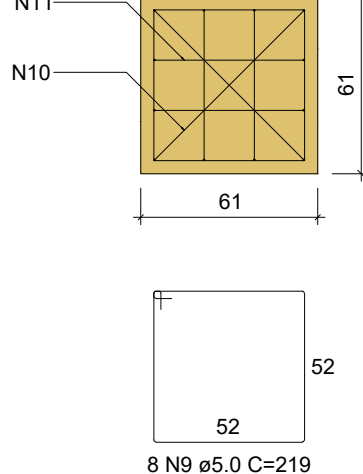
VISTA H
ESC 1:25

VISTA B
ESC 1:25

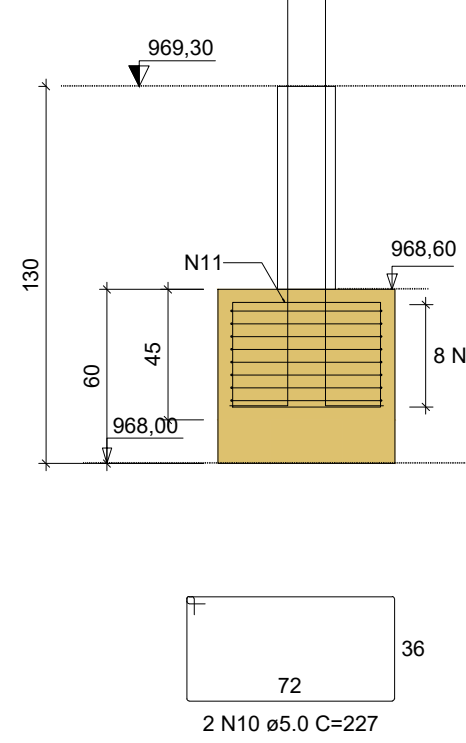


B7=B14=B16

PLANTA
ESC 1:25

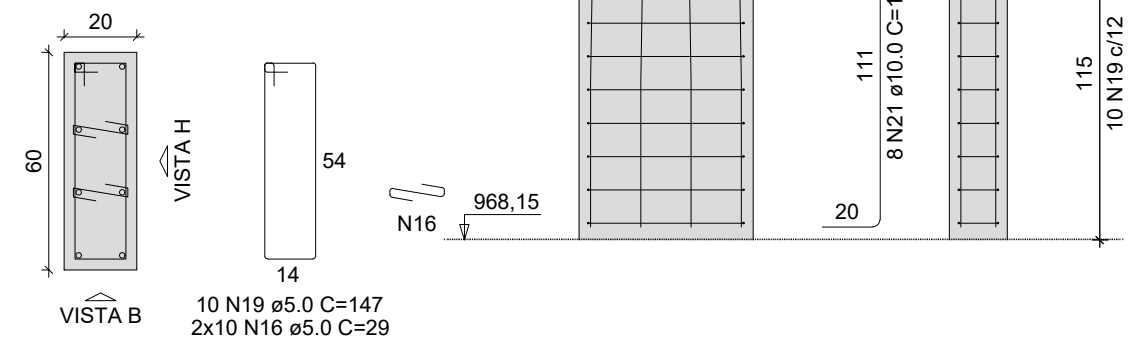


CORTE
ESC 1:25



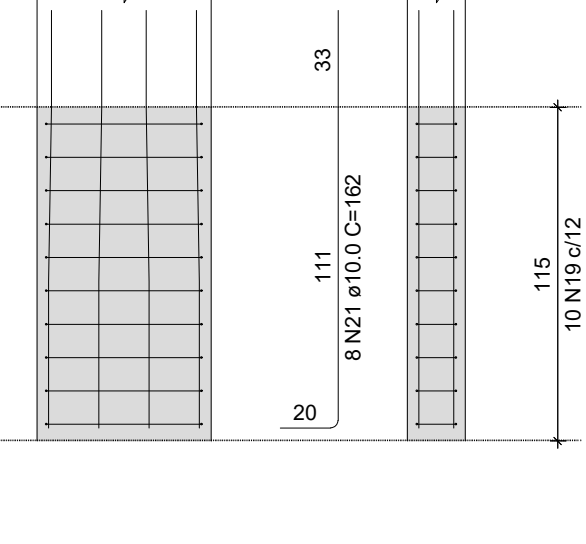
P7=P14=P16

SEÇÃO
ESC 1:20



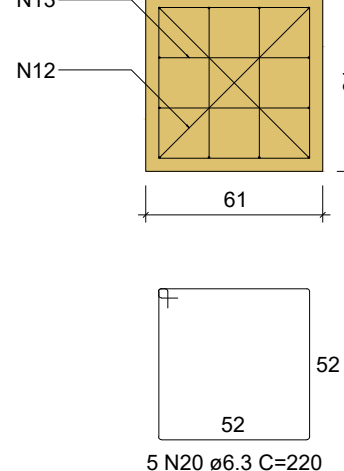
VISTA H
ESC 1:25

VISTA B
ESC 1:25

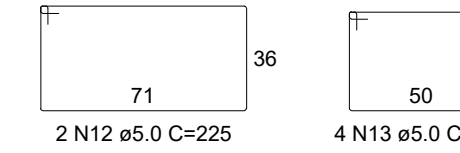
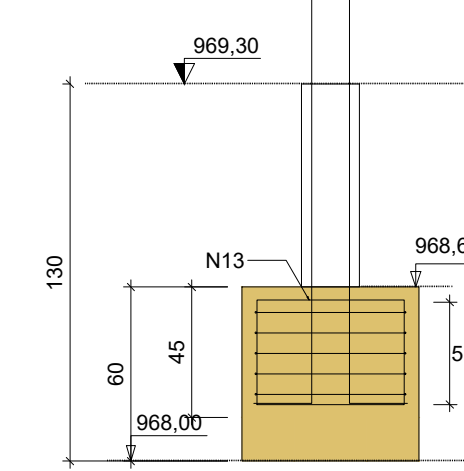


B8=B9=B10

PLANTA
ESC 1:25

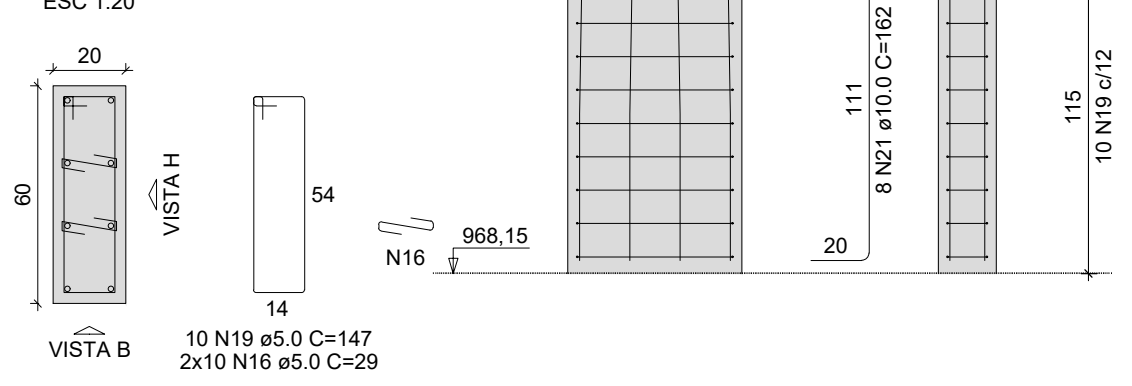


CORTE
ESC 1:25



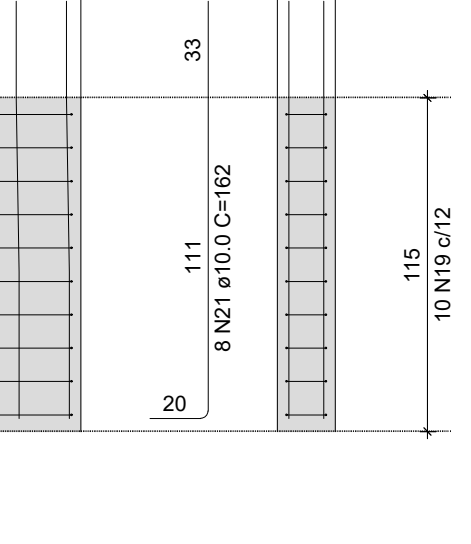
P8=P9=P10

SEÇÃO
ESC 1:20



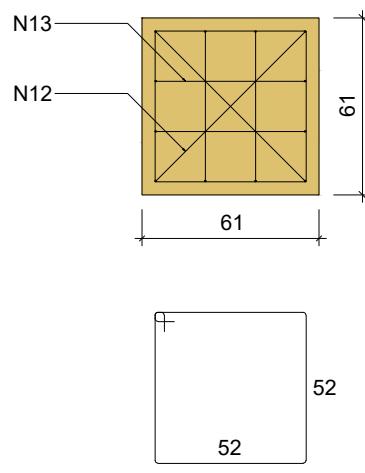
VISTA H
ESC 1:25

VISTA B
ESC 1:25

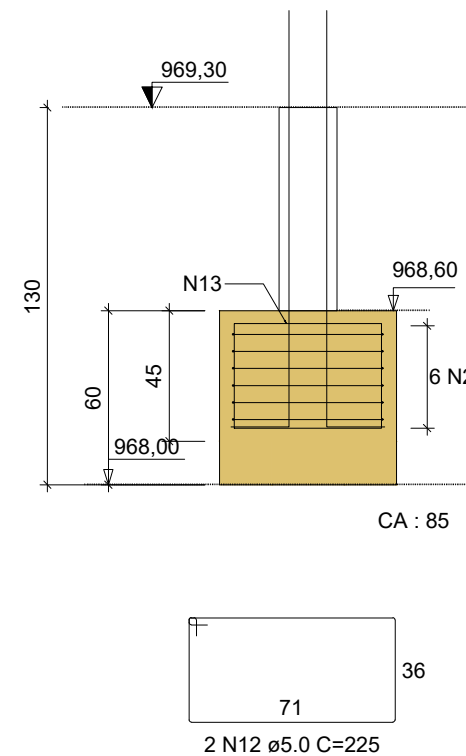


B11

PLANTA
ESC 1:25

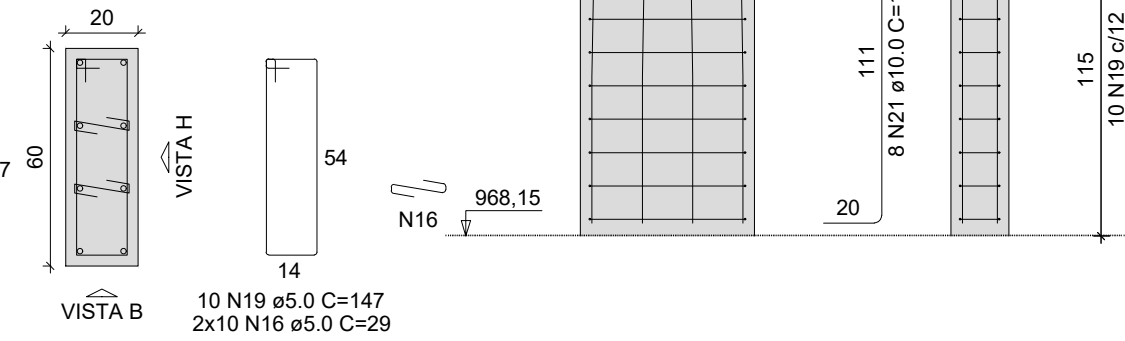


CORTE
ESC 1:25



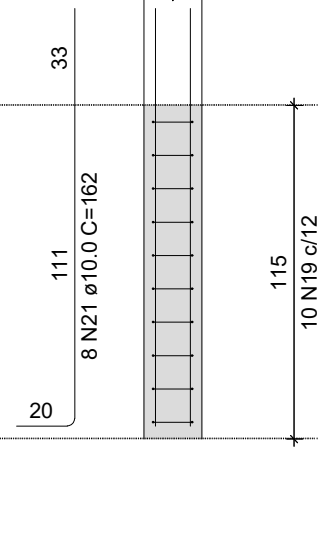
P11

SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

VISTA B
ESC 1:25



06	21/11/22	REVISÃO CONFORME NOTA TÉCNICA	ATACIZIO
REVISÃO	DATA	DESCRIÇÃO	RESP.
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	ESPECIALIDADE	ESTRUTURAL
	RUA PROFESSOR ABEYARD, 279, SALA 9	FASE DO PROJETO	EXECUTIVO
	CENTRO, SETE LAGOAS/MG	RESPONSÁVEL PROJETO	JOSE ATACIZIO DA FE
	apoio@markaprojetos.com.br	COORDENADOR PROJETO	KARINE NARDY
	(31) 3177-4235	PROJETISTA	JOSE ATACIZIO DA FE
	www.markaprojetos.com.br	ASSUNTO	PROJETO DE ESTRUTURAS DE CONCRETO
EMPREENHIMENTO - OBRA	ESCOLA MUNICIPAL BELVEDERDE	ESCALA	Nº FOLHA
	RUA JOSÉ COELHO, RUA CANADÁ E RUA SÉRGIO JACOWLEWSKI	INDICADA	21/11/2022
	B. SIDERÚRGICO - CONSELHEIRO LAFAIETE/MG	ARQUIVO	984-ST-QUADRA-BELVEDERE-R06