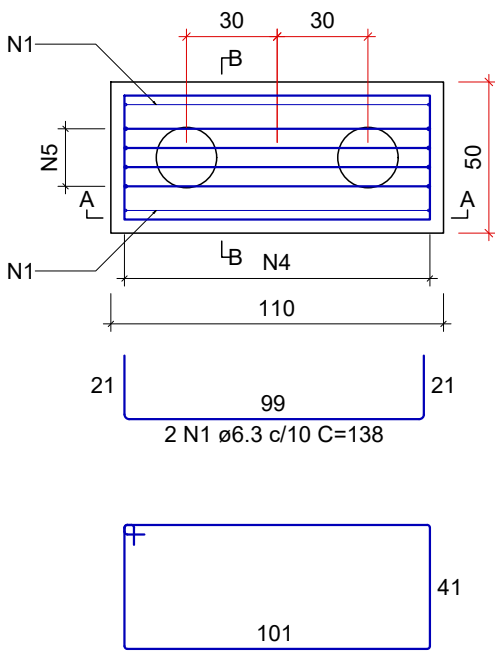
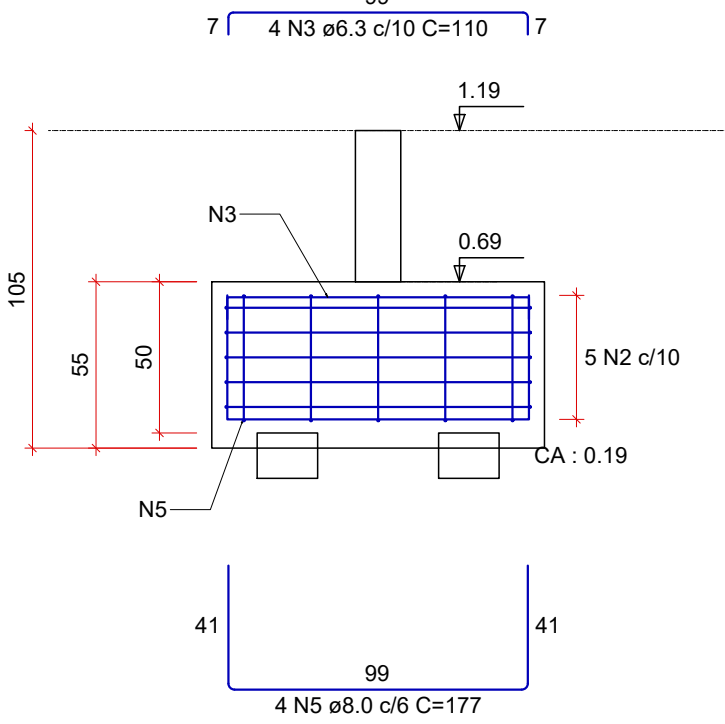


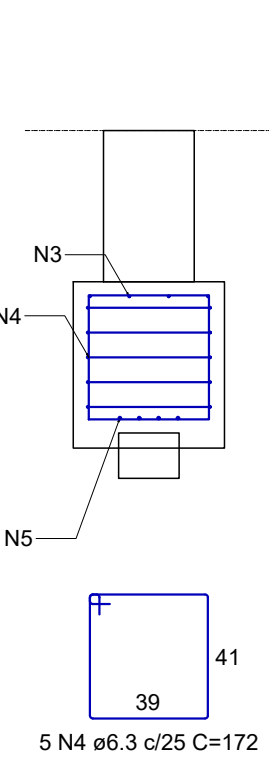
B2=B10
2xC20
PLANTA
Escala 1:25



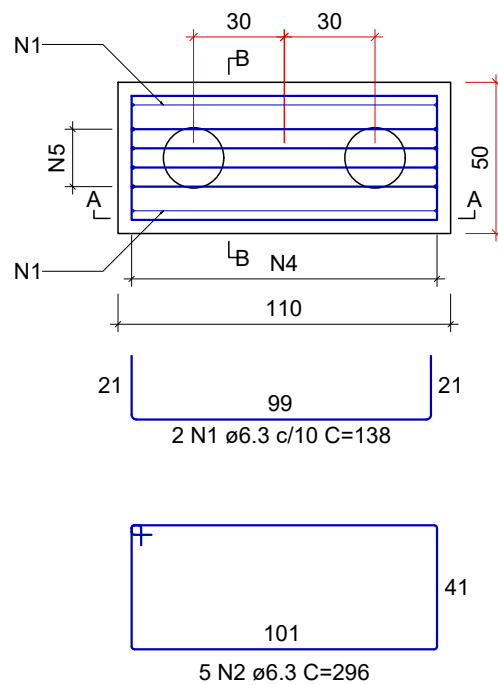
CORTE A-A
Escala 1:25



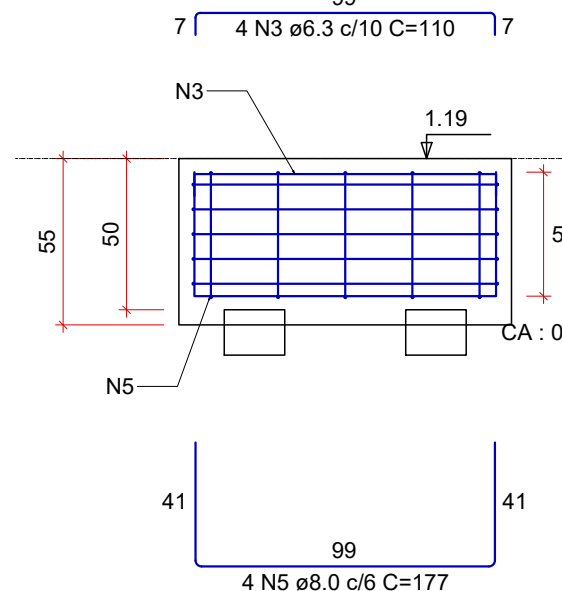
CORTE B-B
Escala 1:25



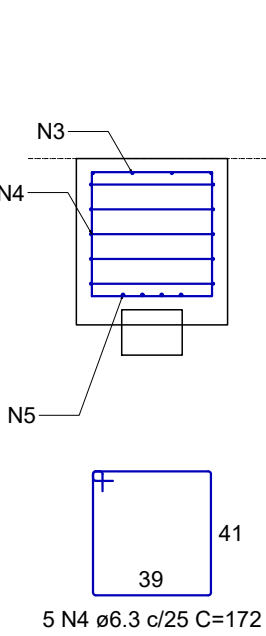
B3=B4=B5=B11=B12=B13
2xC20
PLANTA
Escala 1:25



CORTE A-A
Escala 1:25

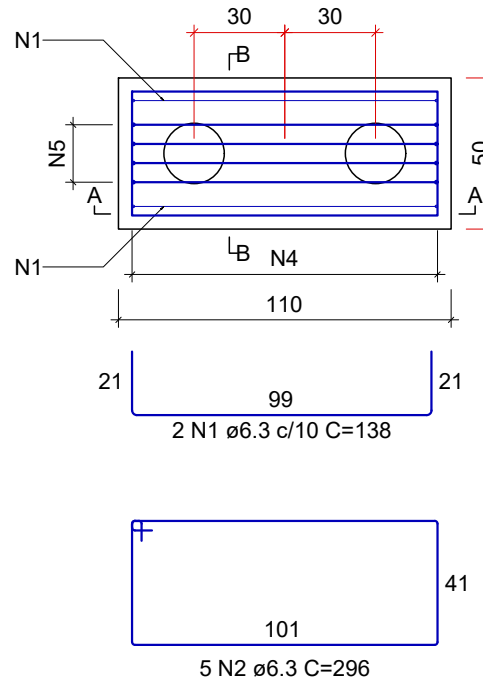


CORTE B-B
Escala 1:25

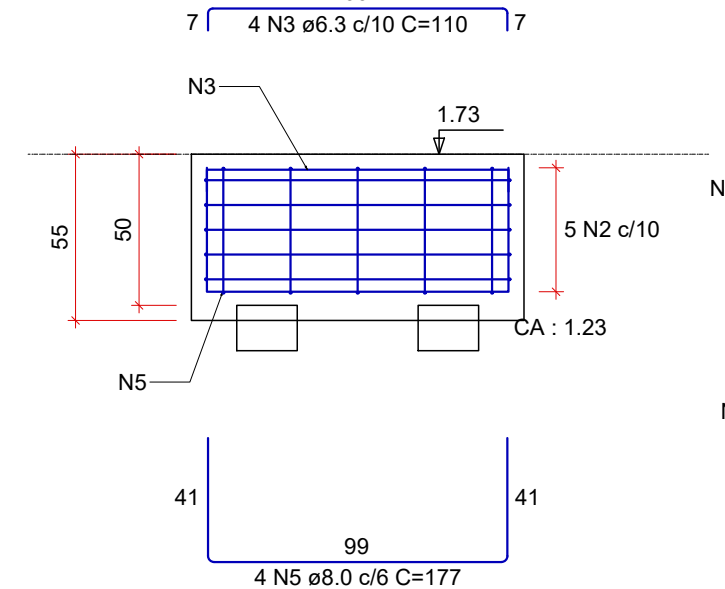


B1=B6=B7=B8=B9=B14=B15=B16=B17=B18=B19

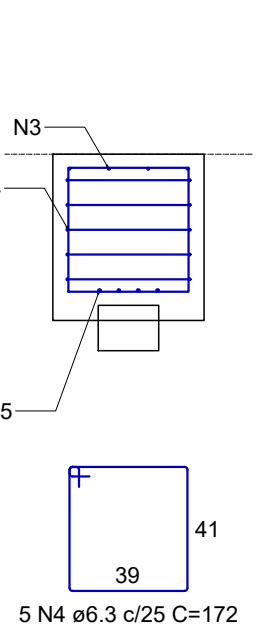
2xC20
PLANTA
Escala 1:25



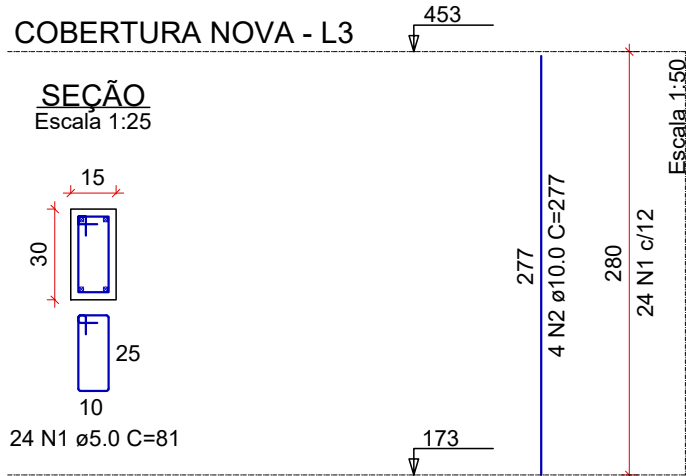
CORTE A-A
Escala 1:25



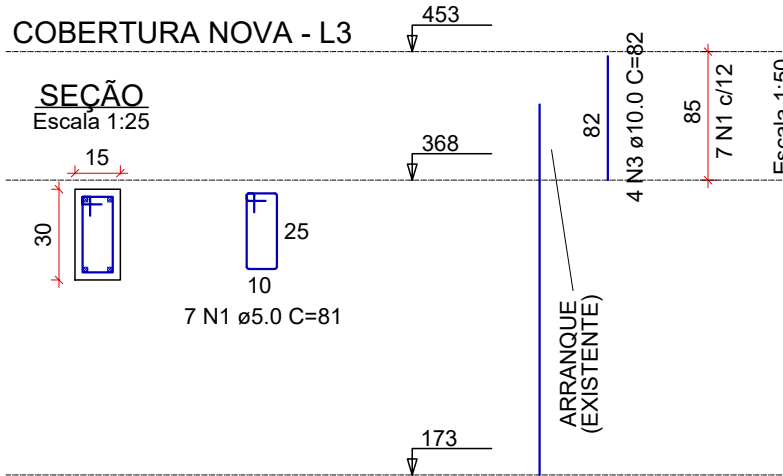
CORTE B-B
Escala 1:25



P1=P2=P3=P4=P5=P6=P7=P8=
=P9=P10=P11=P12=P13=P14=
=P15=P16=P17=P18=P19



PM3=PM4



RELAÇÃO DO AÇO

6xB13					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	16	138	2208
	2	6.3	40	296	11840
	3	6.3	32	110	3520
	4	6.3	40	172	6880
	5	8.0	32	177	5664

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	244.5	23	85.9
CA50	8.0	56.6	6	24.6
PESO TOTAL (kg)				
CA50	90.4			

Volume de concreto (C-30) = 2.39 m³
Área de forma = 14.08 m²

RELAÇÃO DO AÇO

11xB19					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	22	138	3036
	2	6.3	55	296	16280
	3	6.3	44	110	4840
	4	6.3	55	172	9460
	5	8.0	44	177	7788

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	336.2	31	90.5
CA50	8.0	77.9	8	33.8
PESO TOTAL (kg)				
CA50	124.3			

Volume de concreto (C-30) = 3.29 m³
Área de forma = 19.36 m²

RELAÇÃO DO AÇO

19xP1					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	470	81	38070
	2	10.0	76	277	21052
	3	10.0	8	82	656

RESUMO DO AÇO

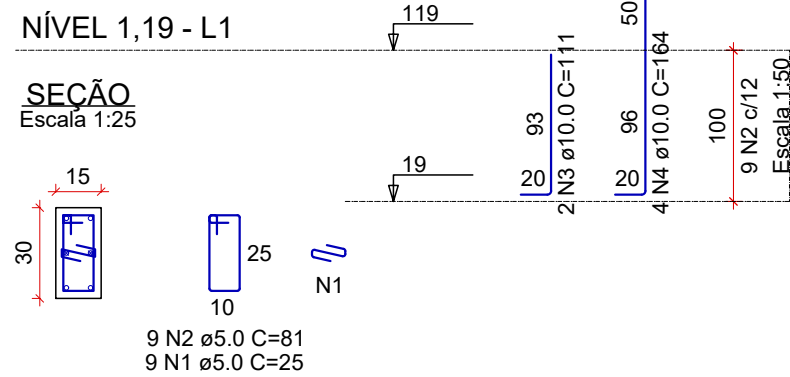
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	217.1	20	147.3
CA60	5.0	380.7	35	64.5
PESO TOTAL (kg)				
CA50	147.3			
CA60	64.5			

Volume de concreto (C-30) = 2.47 m³
Área de forma = 48.65 m²

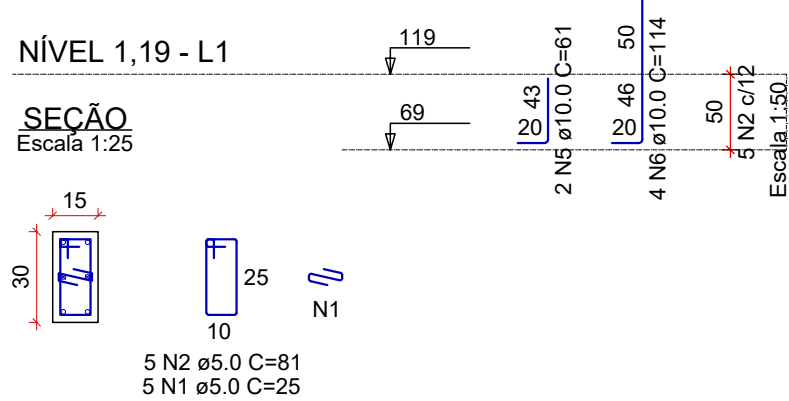
NOTAS:

Cotas em centímetros;
Níveis em metros.

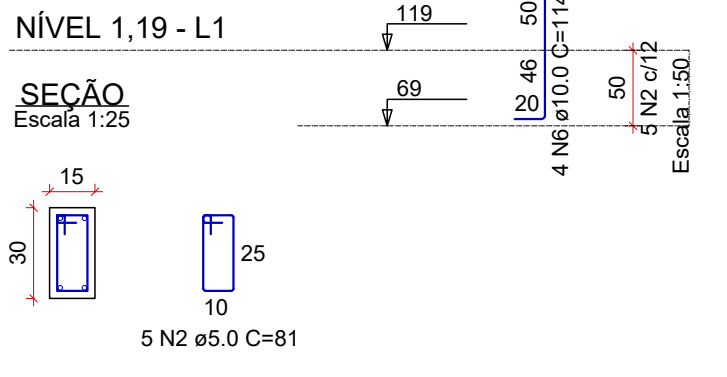
P2=P10



P3=P5=P11=P13



P4=P12



RELAÇÃO DO AÇO

2xP2					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	38	25	950
	2	5.0	48	81	3888
	3	10.0	4	111	444
	4	10.0	8	164	1312
	5	10.0	8	61	488

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	49.8	5	33.8
CA60	5.0	48.4	5	8.2
PESO TOTAL (kg)				
CA50	33.8			
CA60	8.2			

Volume de concreto (C-30) = 0.05 m³
Área de forma = 4.50 m²

RELAÇÃO DO AÇO

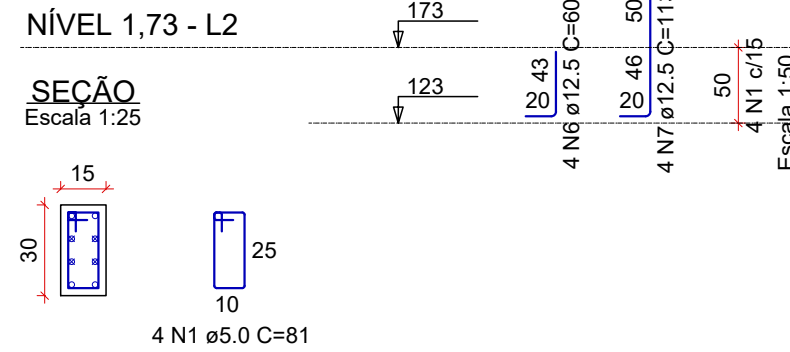
8xP2					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	94	81	7614
	2	5.0	5	25	125
	3	10.0	32	104	3328
	4	10.0	40	114	4560
	5	10.0	2	61	122

RESUMO DO AÇO

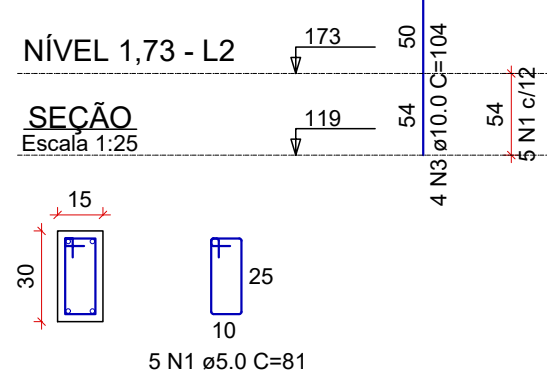
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	80.1	8	54.3
CA60	5.0	77.4	1	7.3
PESO TOTAL (kg)				
CA50	61.7			
CA60	13.1			

Volume de concreto (C-30) = 0.19 m³
Área de forma = 8.84 m²

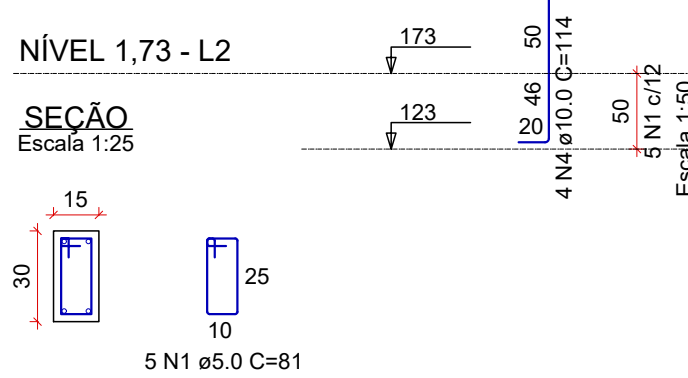
P1



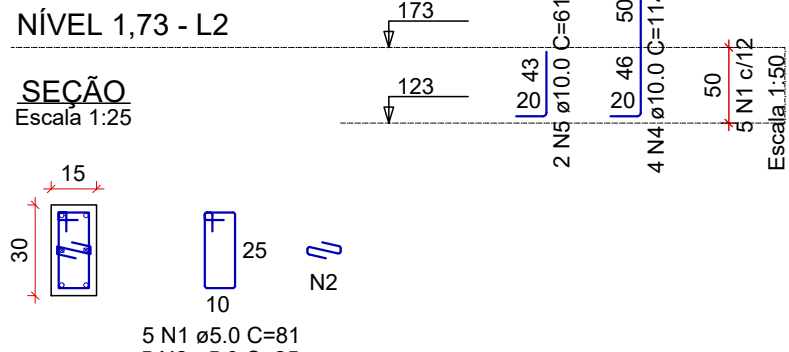
P2=P3=P4=P5=P10=P11=P12=
=P13



P6=P7=P8=P9=P14=P15=P16=
=P17=P18



P19



PROJETO		GERÊNCIA DE PROJETOS PEDRO HENRIQUE JUSTINIANO ENG. CIVIL	
 Rua Miguel Vianna, nº 81, Sala 12 Bairro Morro Chic CEP: 37500-080 - Itajubá / MG Tel.: (35) 3623-5720 www.dacengenharia.com.br		COORDENAÇÃO DE PROJETOS ALOISIO CAETANO FERREIRA CREA: MG-97.1320	
		RESPONSÁVEL TÉCNICO ENP: CIVIL FLÁVIA C. BARBOSA CREA: MG-187.8420	
		PROJETO ENG. CIVIL WILLIAM BARADEL LARI	
		DESENHO DAVI VELOSO ALVES	
EMPENHAMENTO			
REFORMA E AMPLIAÇÃO DA E.M. DR. JOSÉ RIBEIRO DE CARVALHO			
ENDEREÇO RUA DAS HORTÊNCIAS - B. CONJ. H. R. DAS MARGARIDAS SANTA RITA DO SAPUCAÍ - MINAS GERAIS		DISCIPLINA ESTRUTURAL	
ASSUNTO BLOCOS DE COROAMENTO PILARES COBERTURA ARRANQUE DOS PILARES		FASE DO PROJETO EXECUTIVO	
		FOLHA Nº. 06/08	
DATA INICIAL 08/08/2022	ESCALA INDICADA	REVISÃO R00	ARQUIVO DAC-PMSRS-JRC-FSI-PE-EST-R00.DWG