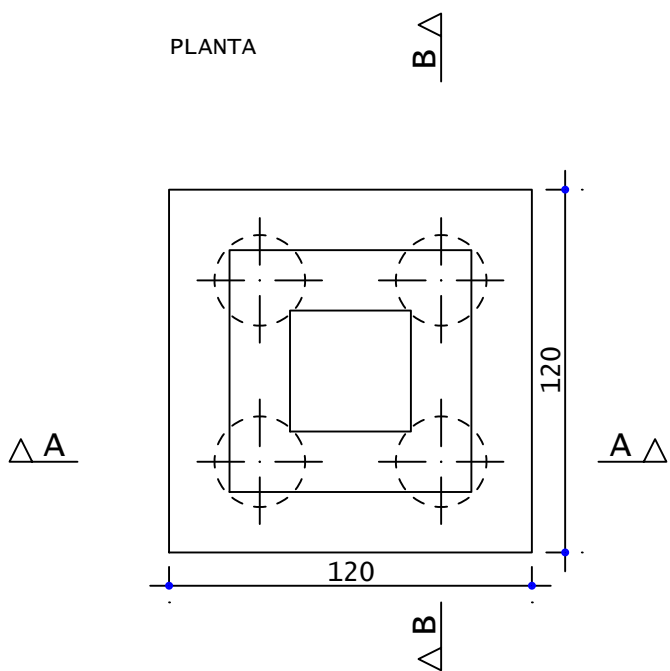


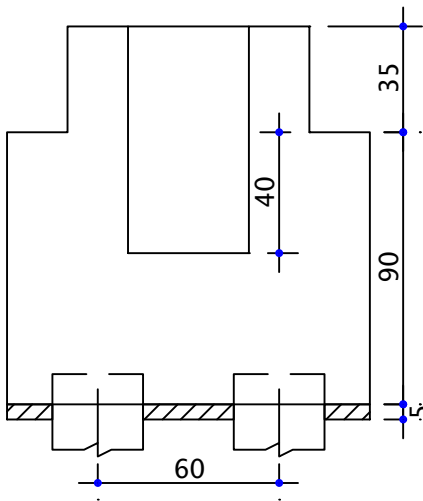
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(ESCALA 1:25)

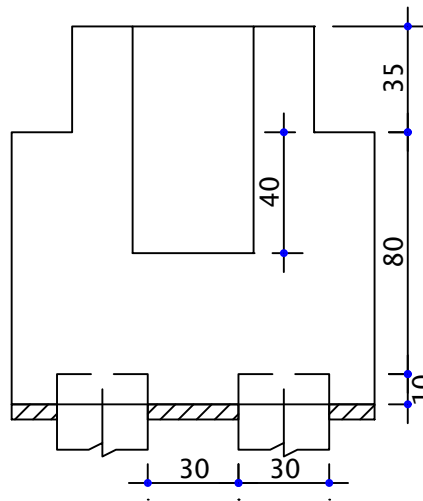
PLANTA



CORTE A-A



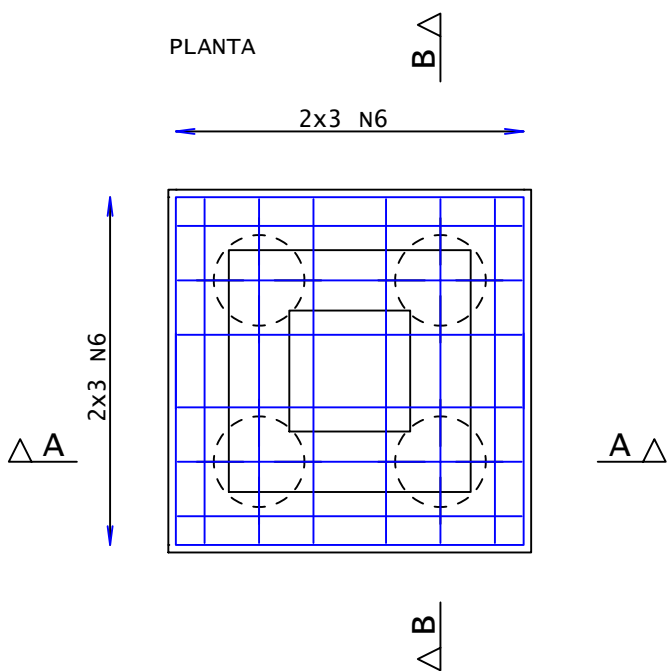
CORTE B-B



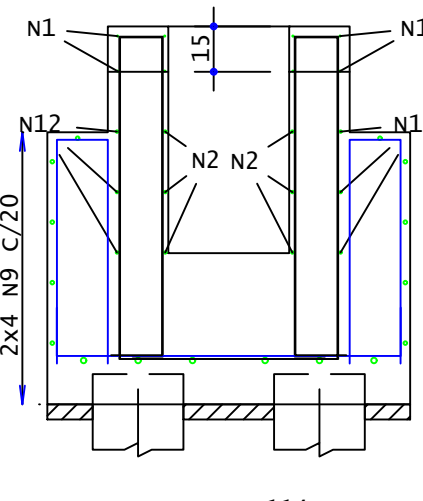
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
FP1 (X24)					
60A	1	5	192	195	37440
50A	2	8	288	104	29952
50A	3	6.3	192	165	31680
50A	4	12.5	24	567	13608
50A	5	6.3	48	262	12576
50A	6	6.3	288	146	42048
50A	7	6.3	192	166	31872
50A	8	12.5	24	561	13464
50A	9	6.3	192	255	48960
50A	10	6.3	48	263	12624
50A	11	8	240	551	132240
50A	12	8	72	314	22608

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	375	58
50A	6.3	1798	440
50A	8	1848	730
50A	12.5	271	261
Peso Total		60A =	58 kgf
Peso Total		50A =	1431 kgf

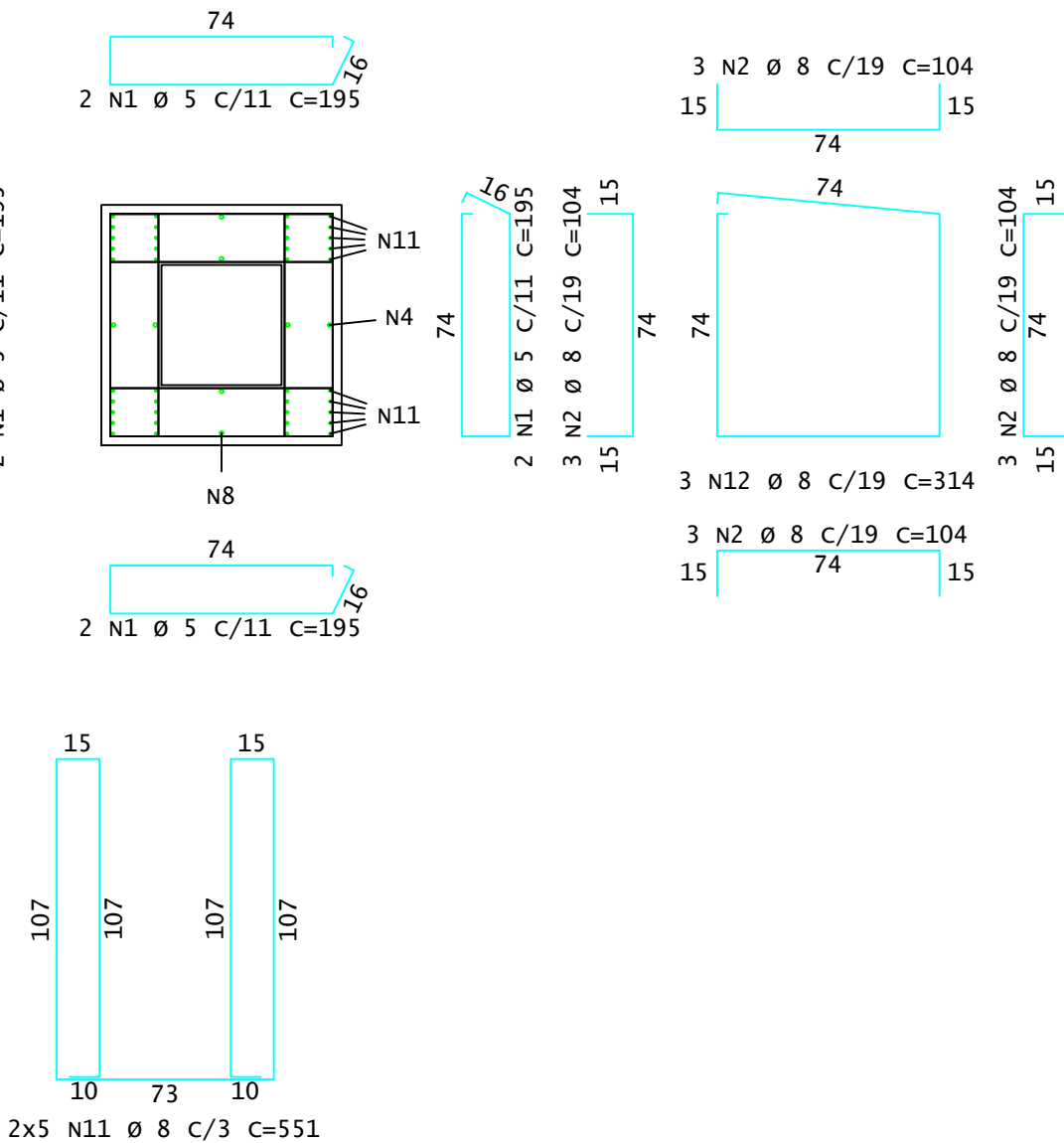
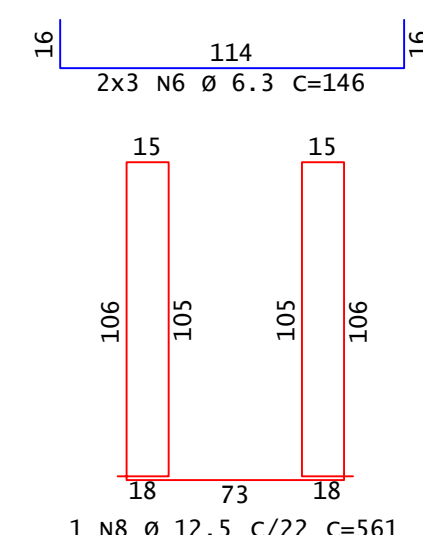
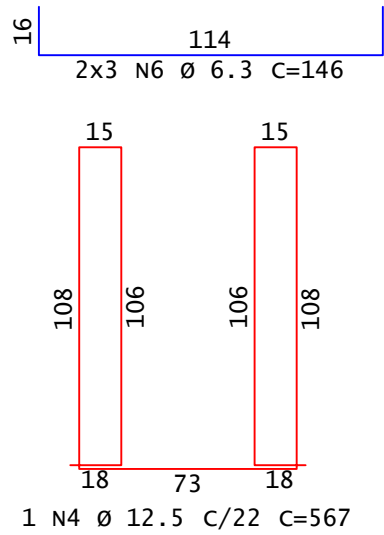
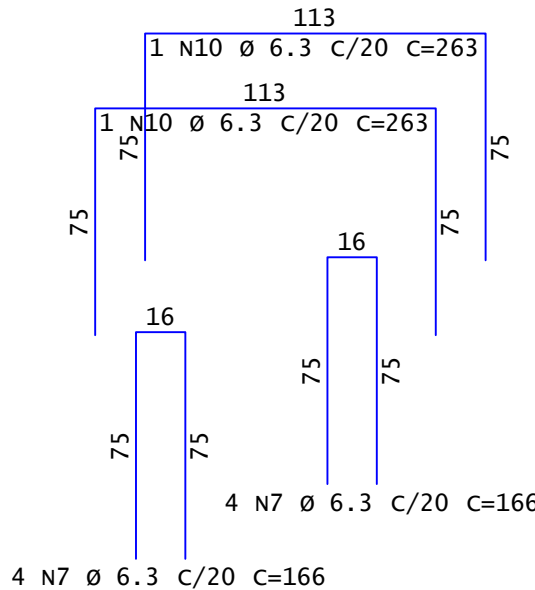
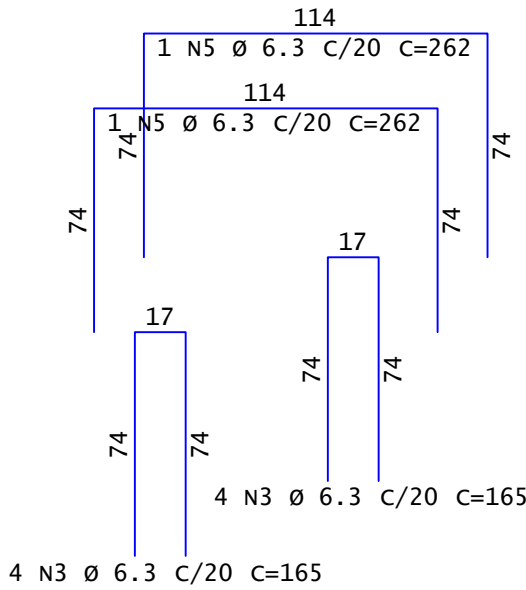
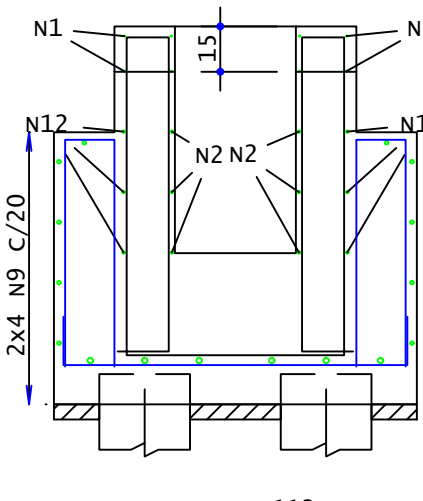
PLANTA



CORTE A-A



CORTE B-B



É PROIBIDA A REPRODUÇÃO DESTE PROJETO, SEM A AUTORIZAÇÃO DO AUTOR
LEIS Nº 5194 DE 24/12/1966 E Nº 9610 DE 19/02/98



KOLF SERVIÇOS DE ENGENHARIA
CNPJ: 07.555.412/0001-37
RUA FREI EVERALDO, 5555, SALA 1
CHOPINZINHO - PR - 85560-000
(46)9 9908-2448
GABRIEL@COLFERAI.ENG.BR

EMPRESA CONTRATADA:	RESPONSÁVEL TÉCNICO:	PROPRIETÁRIO:
	LUIZ FERNANDO C. MEGIOLARO ENGENHEIRO CIVIL CREA - PR 179004/D	PREFEITURA MUNICIPAL DE MARMELEIRO CNPJ: 76.205.665/0001-01

OBRA/ENDEREÇO:		
GINÁSIO EMEF PERSEVERANÇA		
RUA DAS GRAPIAS, 160, BAIRRO ARAUCÁRIA, MARMELEIRO - PR. CEP 85615-000		
PROJETO:	DES.	LUIZ
PROJETO ESTRUTURAL - PRÉ MOLDADO	ESCALA	INDICADA
	DATA	OUT/2025
CONTEÚDO DA PRANCHA:		FOLHA
DETALHAMENTO CÁLCES;		15/16
		REVISÃO
		01