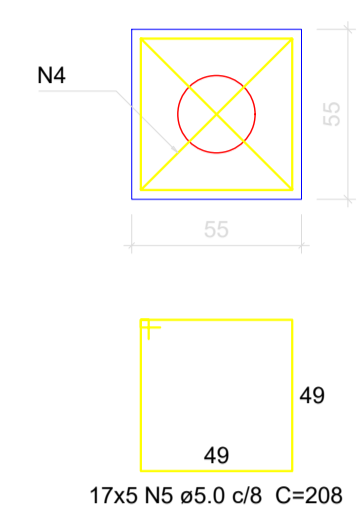
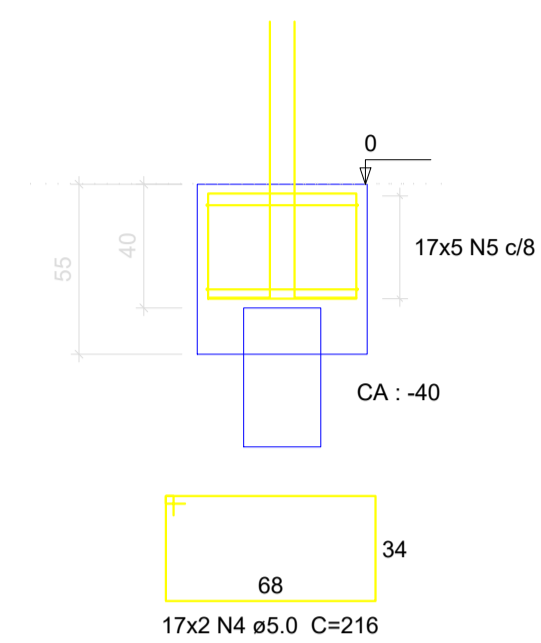


B1=B2=B3=B4=B5=B6=B7=B8=B9=B10=B11=B12
 =B13=B14=B15=B16=B17
 1ø25

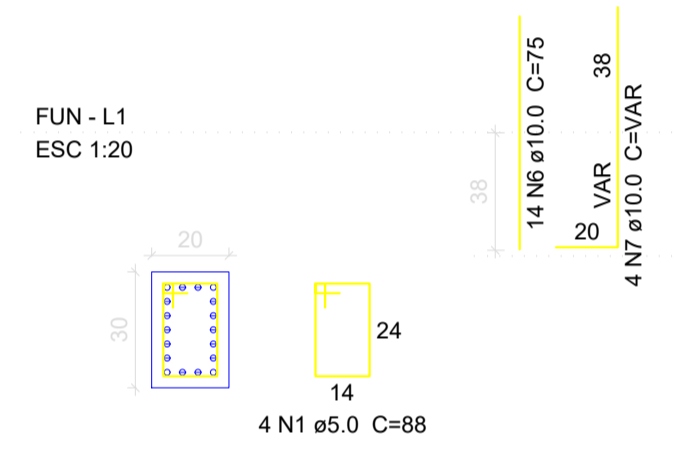
PLANTA
 ESC 1:25



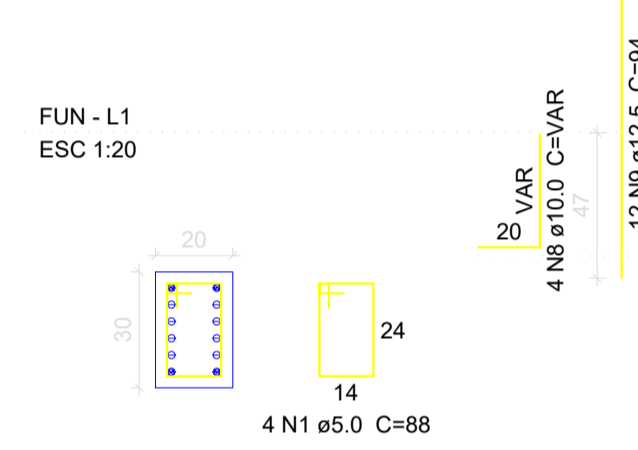
CORTE
 ESC 1:25



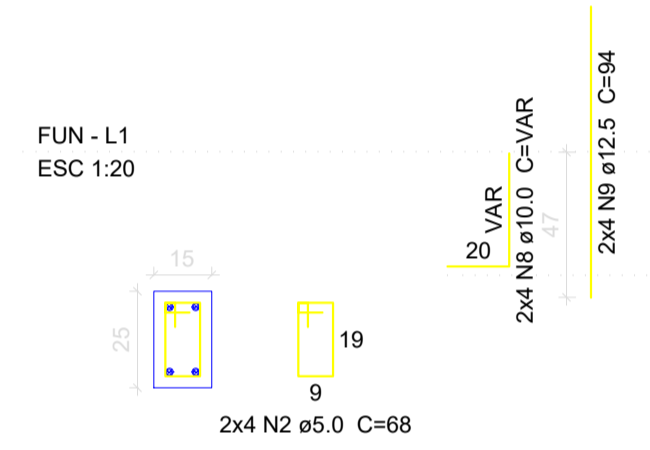
P10



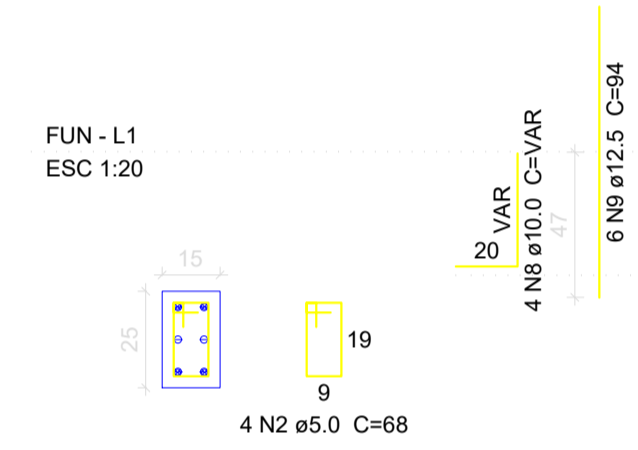
P11



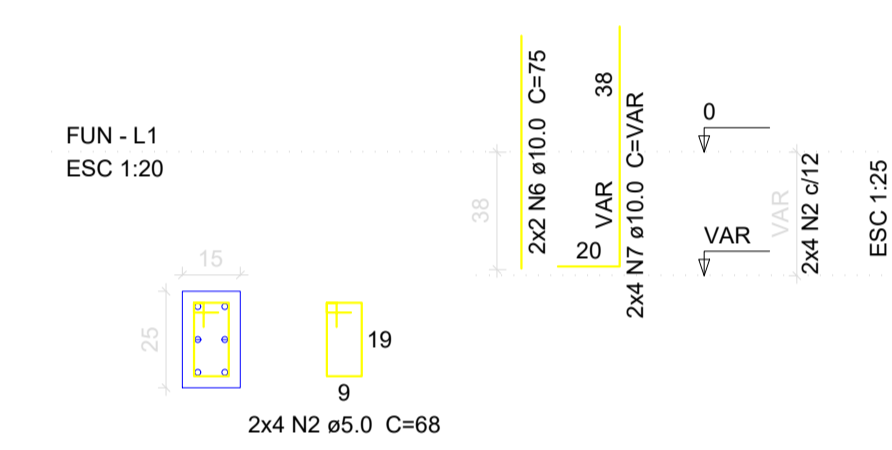
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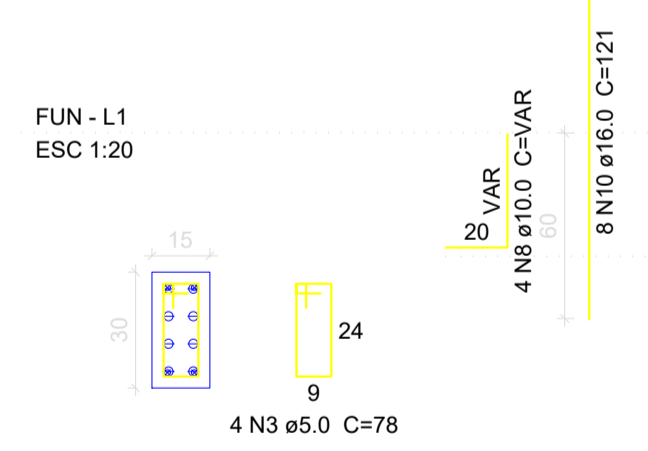
P13



P14=P15



P16



Relação do aço

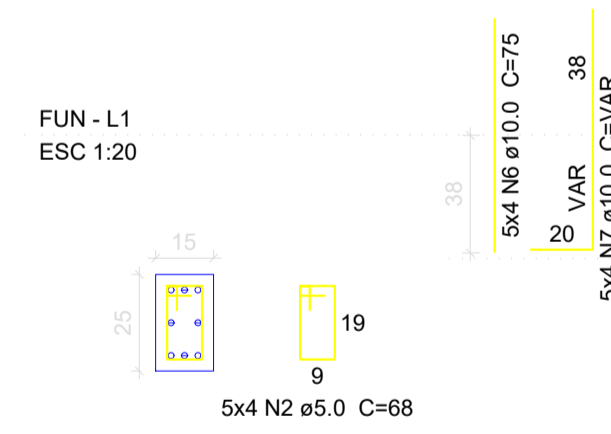
BAIXO	ACAO	N	DIAM	Q	UNIT	C.TOTAL
					FUN (m)	(cm)
B17	CA60	1	5.0	8	ESC 1:20	704
	VAR	2	5.0	52		3536
	CA50	3	10.0	8		624
	VAR	4	10.0	34		344
	CA50	5	5.0	85		17680
	VAR	6	10.0	38		2850
	CA50	7	10.0	44		2200
	VAR	8	10.0	24		1200
	CA50	9	12.5	36		3384
	VAR	10	16.0	8		968

Resumo do aço

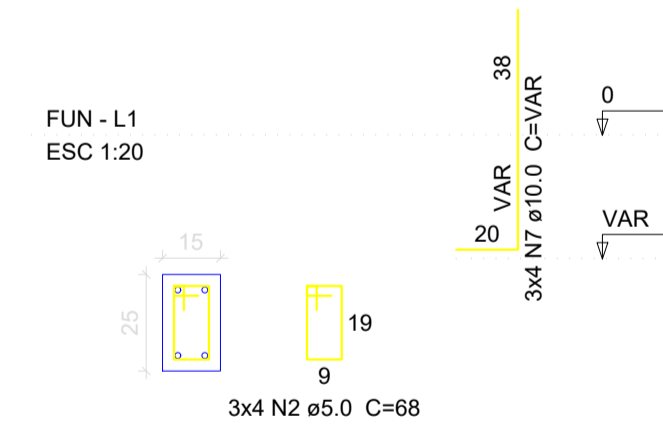
ACAO	DIAM	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	84	56.9
	12.5	33.9	35.9
	16.0	9.7	16.8
CA60	5.0	298.9	50.7
PESO TOTAL			
CA50		109.6	
CA60		50.7	

Vol. de concreto total (C-25) = 2.98 m³
 Área de forma total = 26.25 m²

P1=P2=P4=P6=P17



P7=P8=P9



	CLIENTE	UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL				
	TITULO	Herbário - Mundo Novo		PROJETO	ESTRUTURAL	
LOCAL: BR 163 MUNDO NOVO - MS						
AUTOR DO PROJETO:		PROPRIETARIO:				
WAGNER LUIZ MANARA - CREA 27.190/D						
RESPONSÁVEL TÉCNICO:		UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL CNPJ: 86.891.363/0001-80				
REFERENCIA:		BLOCO		FOLHA Nº / AP ARQ-AP 04/11		
ESCALA	UNIDADE	ARQUIVO	DATA	DESENHO	REVISÃO	VISTO
INDICADAS	METRO	Estrutural Completo	04/2020	TIAGO	ROD	