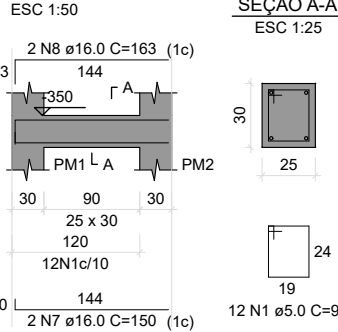
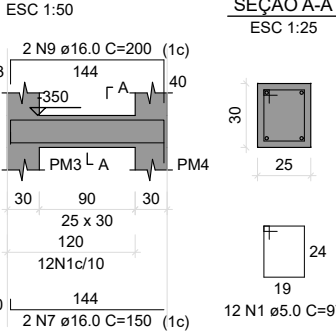


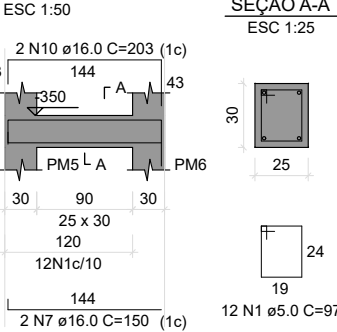
VM201



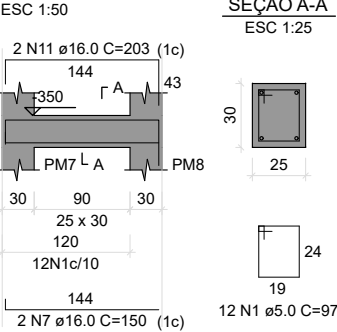
VM202



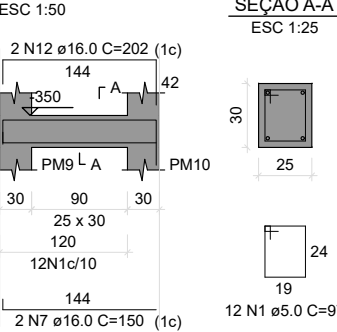
VM203



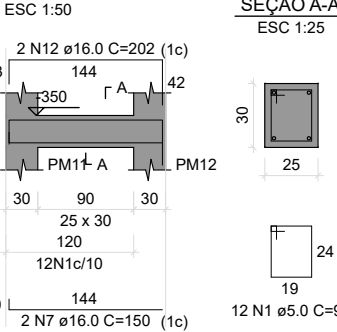
VM204



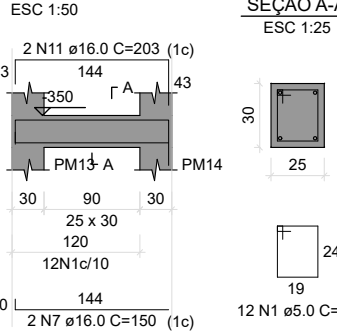
VM205



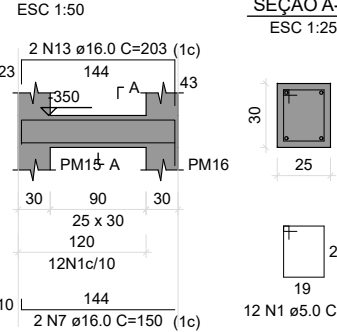
VM206



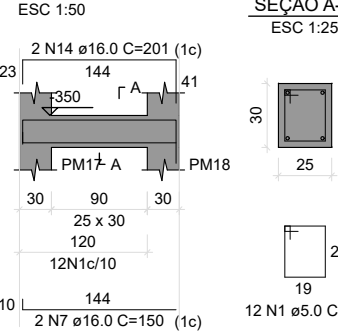
VM207



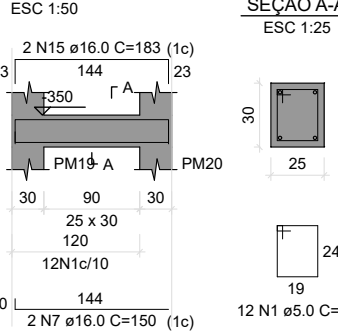
VM208



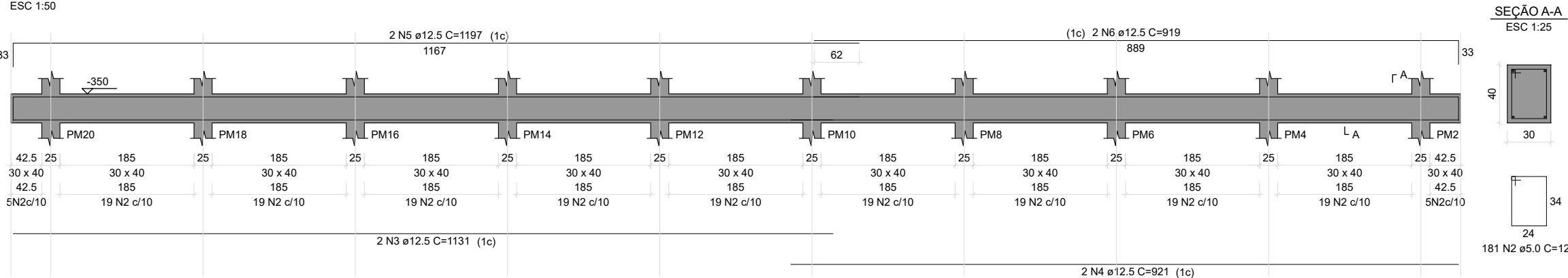
VM209



VM210



VM211



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	120	97	11640
CA50	2	5.0	181	127	22987
	3	12.5	2	1131	2262
	4	12.5	2	921	1842
	5	12.5	2	1197	2394
	6	12.5	2	919	1838
	7	16.0	20	150	3000
	8	16.0	2	183	326
	9	16.0	2	200	400
	10	16.0	2	203	406
	11	16.0	4	203	812
	12	16.0	4	202	808
	13	16.0	2	203	406
	14	16.0	2	201	402
	15	16.0	2	183	366

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	12.5	83.4	80.3
CA60	16.0	69.3	109.3
	5.0	346.3	53.4
PESO TOTAL (kg)			
CA50	189.6		
CA60	53.4		

Volume de concreto (C-30) = 3.52 m³
Área de forma = 34.75 m²

*Todas as medidas deverão ser conferidas no local.



Prefeitura Municipal de Sapucaia do Sul
Secretaria Municipal de Planejamento
Diretoria de Projetos

PLANEJAMENTO

VOLMIR RODRIGUES
Prefeito

RAFAEL STRÖHER
Secretário da SMPUH

TÍTULO: **UBS COLINA - REFORMA E AMPLIAÇÃO**

ENDEREÇO DA OBRA: RUA BELUA-FLOR (LOT COLINA VERDE), S/ N°, BAIRRO VARGAS, CEP 93222-728, SAPUCAIA DA SUL, RIO GRANDE DO SUL

CONTEÚDO: SUBSOLO 3.50 - VIGAS	DATA JUN/25	PRANCHA
PROJETO:	DESENHISTA Rafael Luis Moresco	PE15
Eng. Rafael Luis Moresco CREA RS 25527	ÁREA DE INTERVENÇÃO 257,00 m²	
	ESCALA INDICADA	