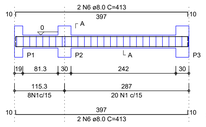
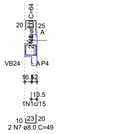
VB1 (15 x 30)
ESC 1:50

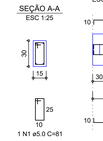


SEÇÃO A-A
ESC 1:25

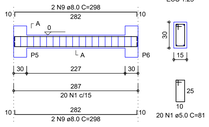
VB2 (15 x 30)
ESC 1:50



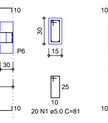
SEÇÃO A-A
ESC 1:25



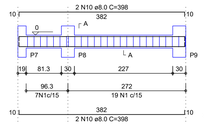
VB3 (15 x 30)
ESC 1:50



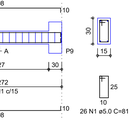
SEÇÃO A-A
ESC 1:25



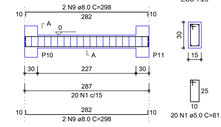
VB4 (15 x 30)
ESC 1:50



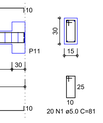
SEÇÃO A-A
ESC 1:25



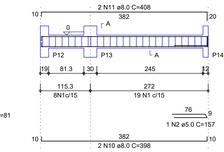
VB5 (15 x 30)
ESC 1:50



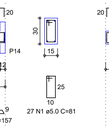
SEÇÃO A-A
ESC 1:25



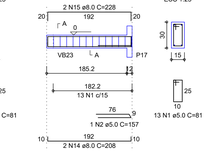
VB6 (15 x 30)
ESC 1:50



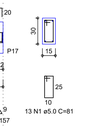
SEÇÃO A-A
ESC 1:25



VB8 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

VB1	VB2	VB3
VB4	VB5	VB6
VB7	VB8	VB9
VB10	VB11	VB12
VB13	VB14	VB15
VB16	VB17	VB18
VB19	VB20	VB21
VB22	VB23	VB24
VB25	VB26	VB27
VB28	VB29	VB30
VB31	VB32	

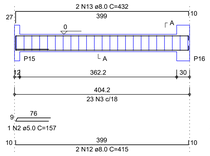
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	754	81	61074
	2	5.0	19	157	2983
	3	5.0	123	101	12423
	4	5.0	14	89	1246
	5	5.0	4	149	596
CA50	6	8.0	4	413	1652
	7	8.0	2	49	98
	8	8.0	2	64	128
	9	8.0	8	298	2384
	10	8.0	6	398	2388
	11	8.0	2	408	816
	12	8.0	2	415	830
	13	8.0	2	432	864
	14	8.0	2	208	416
	15	8.0	2	228	456
	16	8.0	8	231	1848
	17	8.0	2	263	526
	18	8.0	2	251	502
	19	8.0	12	208	2496
	20	8.0	16	448	7168
	21	8.0	6	243	1458
	22	8.0	2	253	506
	23	8.0	2	1062	2124
	24	8.0	2	978	1956
	25	8.0	2	1198	2396
	26	8.0	2	901	1802
	27	8.0	2	993	1986
	28	8.0	2	1013	2026
	29	8.0	2	665	1330
	30	8.0	2	680	1360
	31	8.0	2	805	1610
	32	8.0	2	810	1620
	33	8.0	2	238	476
	34	8.0	2	248	496
	35	8.0	2	223	446
	36	8.0	2	233	466
	37	8.0	4	688	2752
	38	8.0	4	708	2832
	39	8.0	4	393	1572
	40	8.0	4	413	1652
	41	8.0	4	254	1016
	42	8.0	2	264	528
	43	8.0	2	274	548

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	555.3	241
CA60	5.0	783.2	132.8
PESO TOTAL (kg)			
CA50	241		
CA60	132.8		

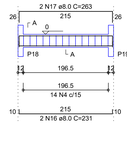
Volume de concreto (C-25) = 6.35 m³
Área de forma = 104.34 m²

VB7 (15 x 40)
ESC 1:50

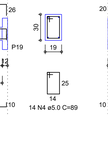


SEÇÃO A-A
ESC 1:25

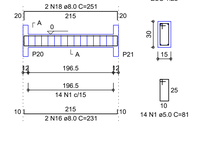
VB9 (19 x 30)
ESC 1:50



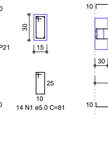
SEÇÃO A-A
ESC 1:25



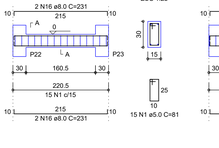
VB10 (15 x 30)
ESC 1:50



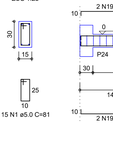
SEÇÃO A-A
ESC 1:25



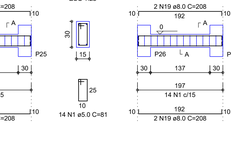
VB11 (15 x 30)
ESC 1:50



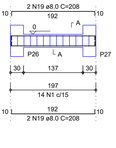
SEÇÃO A-A
ESC 1:25



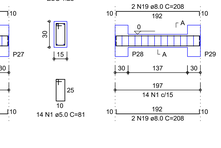
VB12 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



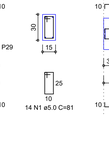
VB13 (15 x 30)
ESC 1:50



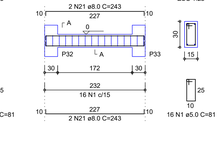
SEÇÃO A-A
ESC 1:25

VB14 (15 x 30)
ESC 1:50

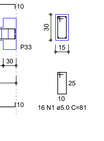
SEÇÃO A-A
ESC 1:25



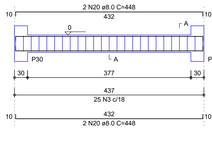
VB16 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

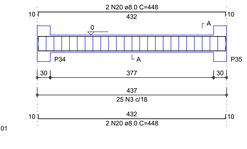


VB15 (15 x 40)
ESC 1:50

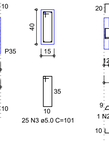


SEÇÃO A-A
ESC 1:25

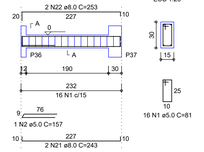
VB17 (15 x 40)
ESC 1:50



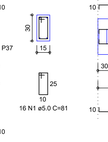
SEÇÃO A-A
ESC 1:25



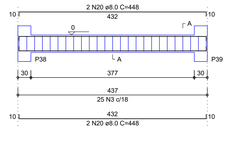
VB18 (15 x 30)
ESC 1:50



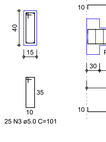
SEÇÃO A-A
ESC 1:25



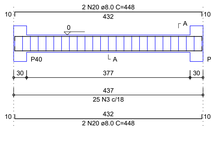
VB19 (15 x 40)
ESC 1:50



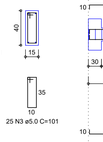
SEÇÃO A-A
ESC 1:25



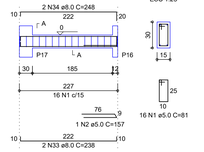
VB20 (15 x 40)
ESC 1:50



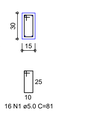
SEÇÃO A-A
ESC 1:25



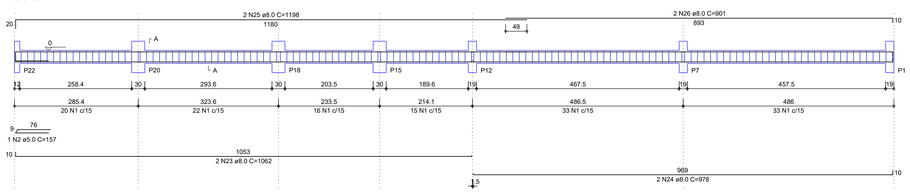
VB25 (15 x 30)
ESC 1:50



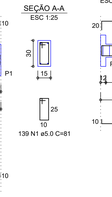
SEÇÃO A-A
ESC 1:25



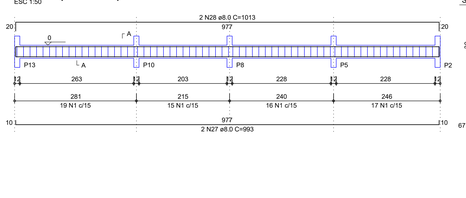
VB21 (15 x 30)
ESC 1:50



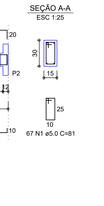
SEÇÃO A-A
ESC 1:25



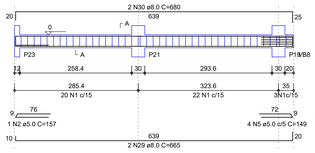
VB22 (15 x 30)
ESC 1:50



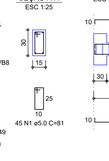
SEÇÃO A-A
ESC 1:25



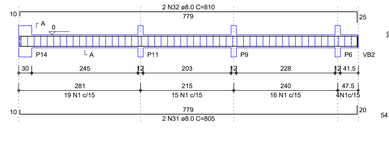
VB23 (15 x 30)
ESC 1:50



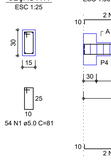
SEÇÃO A-A
ESC 1:25



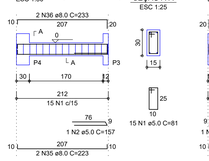
VB24 (15 x 30)
ESC 1:50



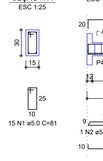
SEÇÃO A-A
ESC 1:25



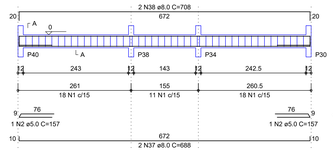
VB26 (15 x 30)
ESC 1:50



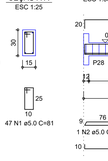
SEÇÃO A-A
ESC 1:25



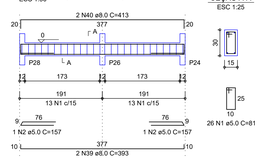
VB27 (15 x 30)
ESC 1:50



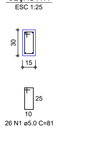
SEÇÃO A-A
ESC 1:25



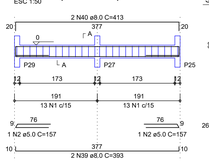
VB28 (15 x 30)
ESC 1:50



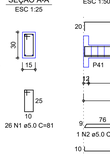
SEÇÃO A-A
ESC 1:25



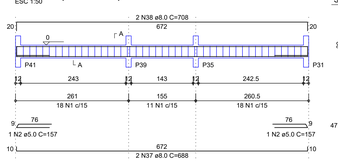
VB29 (15 x 30)
ESC 1:50



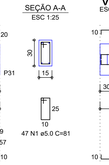
SEÇÃO A-A
ESC 1:25



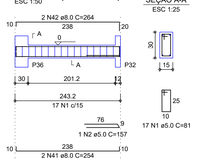
VB30 (15 x 30)
ESC 1:50



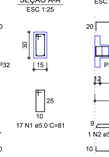
SEÇÃO A-A
ESC 1:25



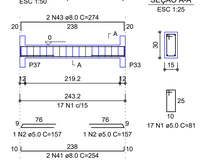
VB31 (15 x 30)
ESC 1:50



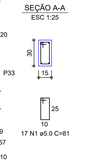
SEÇÃO A-A
ESC 1:25



VB32 (15 x 30)
ESC 1:50



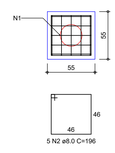
SEÇÃO A-A
ESC 1:25



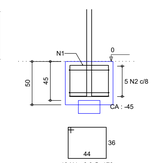
ARMADURA DOS BLOCOS

B1=B2=B3=B4=B5=B6=B7=B8=B9=B10=B11=B12
=B13=B14=B15=B16=B17=B18=B19=B20=B21
=B22=B23=B24=B25=B26=B27=B28=B29=B30
=B31=B32=B33=B34=B35=B36=B37=B38=B39
=B40=B41
1Ø25

PLANTA
ESC 1:25



CORTE
ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	410	170	69700
	2	8.0	205	196	40180

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	1098.8	476.9
PESO TOTAL (kg)			
CA50	476.9		

Volume de concreto (C-25) = 6.76 m³
Área de forma = 60.49 m²

PREFEITURA MUNICIPAL SÃO JOSÉ DO RIO PRETO
EDUCAÇÃO

PREFEITURA MUNICIPAL DE SÃO JOSÉ DO RIO PRETO

PREFEITO EDINHO ARAÚJO
SECRETARIA MUNICIPAL DE EDUCAÇÃO

OBRA: *E.M. MÔNICA E CEBOLINHA UNIDADE I*
LOCAL: RUA ARNALDO AFFINI Nº 262 - JARDIM BELO HORIZONTE SÃO JOSÉ DO RIO PRETO-SP
ÁREAS (M2):
ESCALA: INDICADA | DESENHO: RAFAEL | DATA: MAIO/2022 | PROJETO: **EST**
ASSUNTO: PROJETO ESTRUTURAL - VIGAS BALDRAME E BLOCOS - DET. ARM.
SECRETÁRIO: FABIANA ZANQUETTA DE AZEVEDO
DESENVOLVIMENTO DO PROJETO: A.M.RECURSOS GRÁFICOS
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL:
RAFAEL ELIAS RODRIGUES
ENG. CIVIL - CREA/SP 506170120/D
FOLHA Nº: **03/06**