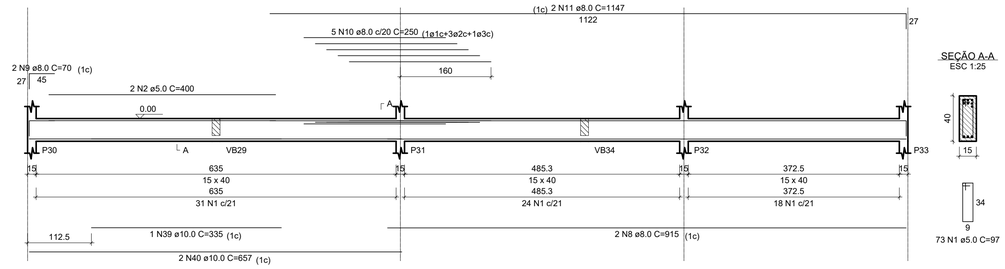
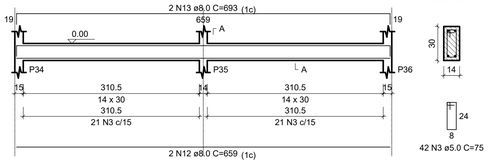
VB10
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB11
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

VB10	VB11	VB12
VB13	VB14	VB15
VB16	VB17	VB18
VB19	VB20	VB21
VB22	VB23	VB24
VB25	VB26	VB27
VB28	VB29	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	208	97	20176
	2	5.0	2	400	800
	3	5.0	518	75	38850
	4	5.0	4	365	1460
	5	5.0	2	395	790
	6	5.0	84	77	6468
	7	5.0	10	265	2650
CA50	8	8.0	4	915	3660
	9	8.0	8	70	560
	10	8.0	5	250	1250
	11	8.0	2	1147	2294
	12	8.0	2	659	1318
	13	8.0	2	693	1386
	14	8.0	2	350	700
	15	8.0	2	657	1314
	16	8.0	5	255	1275
	17	8.0	1	135	135
	18	8.0	2	1152	2304
	19	8.0	2	1045	2090
	20	8.0	2	975	1950
	21	8.0	2	675	1350
	22	8.0	4	1200	4800
	23	8.0	2	358	716
	24	8.0	2	995	1990
	25	8.0	2	392	784
	26	8.0	1	170	170
	27	8.0	1	180	180
	28	8.0	2	1198	2396
	29	8.0	2	244	488
	30	8.0	2	181	362
	31	8.0	2	212	424
	32	8.0	26	374	9724
	33	8.0	10	390	3900
	34	8.0	2	373	746
	35	8.0	2	398	796
	36	8.0	2	382	764
	37	8.0	20	82	1640
	38	8.0	2	82	164
	39	10.0	2	335	670
	40	10.0	6	657	3942
	41	10.0	4	330	1320
	42	10.0	2	530	1060

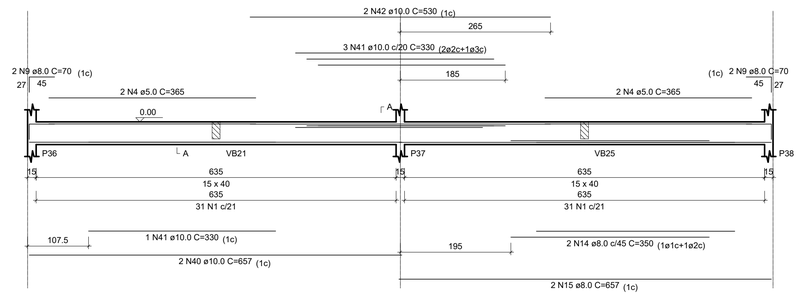
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	516.3	203.7
	10.0	69.9	43.1
CA60	5.0	711.9	109.7

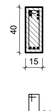
PESO TOTAL (kg)	
CA50	246.8
CA60	109.7

Volume de concreto (C-25) = 6.83 m³
Área de forma = 103.95 m²

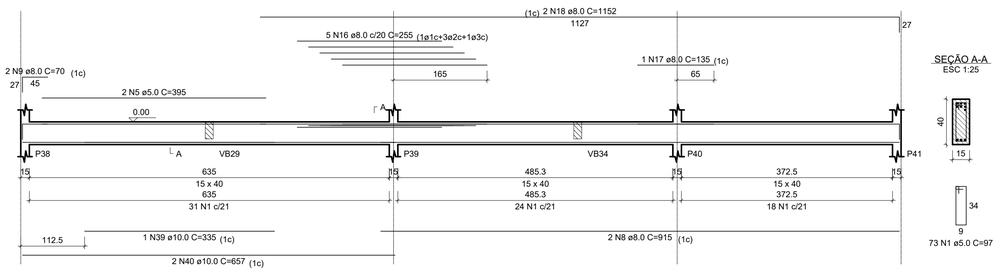
VB12
ESC 1:50



SEÇÃO A-A
ESC 1:25

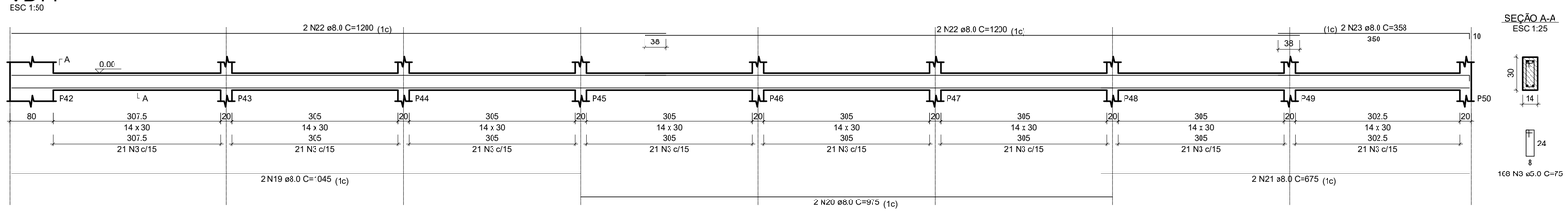


VB13
ESC 1:50



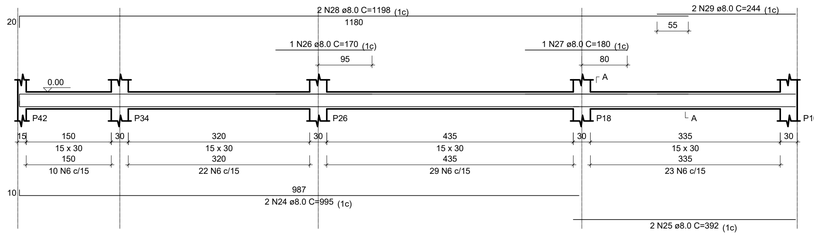
SEÇÃO A-A
ESC 1:25

VB14
ESC 1:50

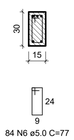


SEÇÃO A-A
ESC 1:25

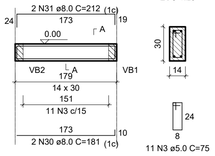
VB15
ESC 1:50



SEÇÃO A-A
ESC 1:25

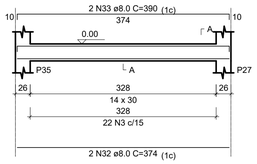


VB16
ESC 1:50

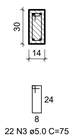


SEÇÃO A-A
ESC 1:25

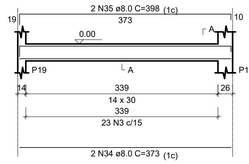
VB17
ESC 1:50



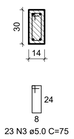
SEÇÃO A-A
ESC 1:25



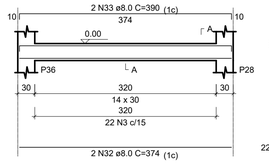
VB18
ESC 1:50



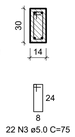
SEÇÃO A-A
ESC 1:25



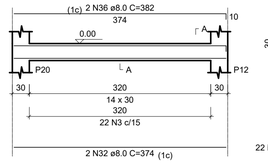
VB19
ESC 1:50



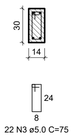
SEÇÃO A-A
ESC 1:25



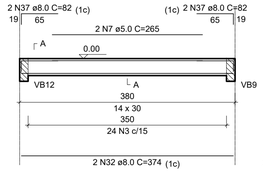
VB20
ESC 1:50



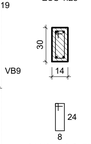
SEÇÃO A-A
ESC 1:25



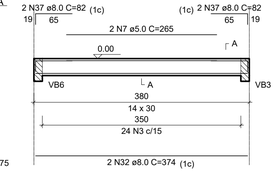
VB21
ESC 1:50



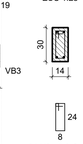
SEÇÃO A-A
ESC 1:25



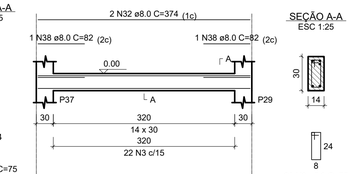
VB22
ESC 1:50



SEÇÃO A-A
ESC 1:25

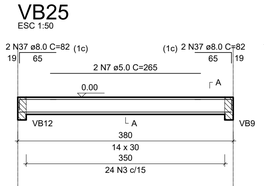


VB23
ESC 1:50

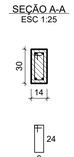


SEÇÃO A-A
ESC 1:25

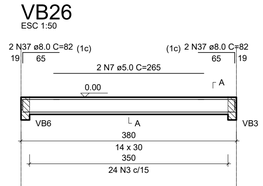
VB25
ESC 1:50



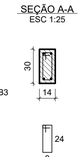
SEÇÃO A-A
ESC 1:25



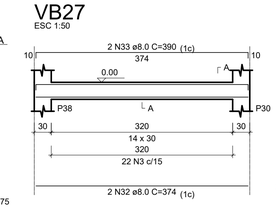
VB26
ESC 1:50



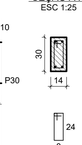
SEÇÃO A-A
ESC 1:25



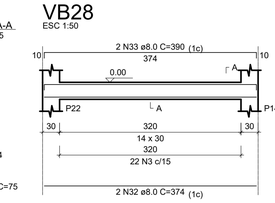
VB27
ESC 1:50



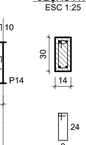
SEÇÃO A-A
ESC 1:25



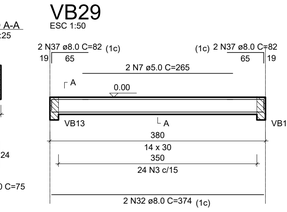
VB28
ESC 1:50



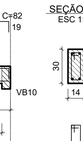
SEÇÃO A-A
ESC 1:25



VB29
ESC 1:50



SEÇÃO A-A
ESC 1:25



VB24
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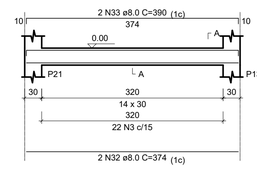
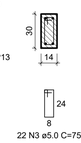


SEÇÃO A-A
ESC 1:25



TIPO DA OBRA:	CONSTRUÇÃO DA FEIRA DO PRODUTOR
PROPRIETÁRIO C.G.C. / C.P.F.	PREFEITURA MUNICIPAL DE ITAÚBA - MT 03.238.961/0001-27
LOCAL:	AV. MADRI BARBARA MAIX, ESQUINA COM A RUA PRINCESA IZABEL - ITAÚBA/MT
AREAS: ÁREA TOTAL DA EDIFICAÇÃO...512,66m²	AUTOR DO PROJETO: KLEY WILLIAN AREVALO COSTA CREA: 120.075.956-7 ASSINATURA
ESCALA: INDICADAS DATA: JANEIRO/2019	ASSUNTO: ESTRUTURAL - CONCRETO DETALHES - VIGAS BALDRAMES
FOLHA Nº	04/17

0 1 2 3 4 5 cm

Formato: A1 (841x594mm)