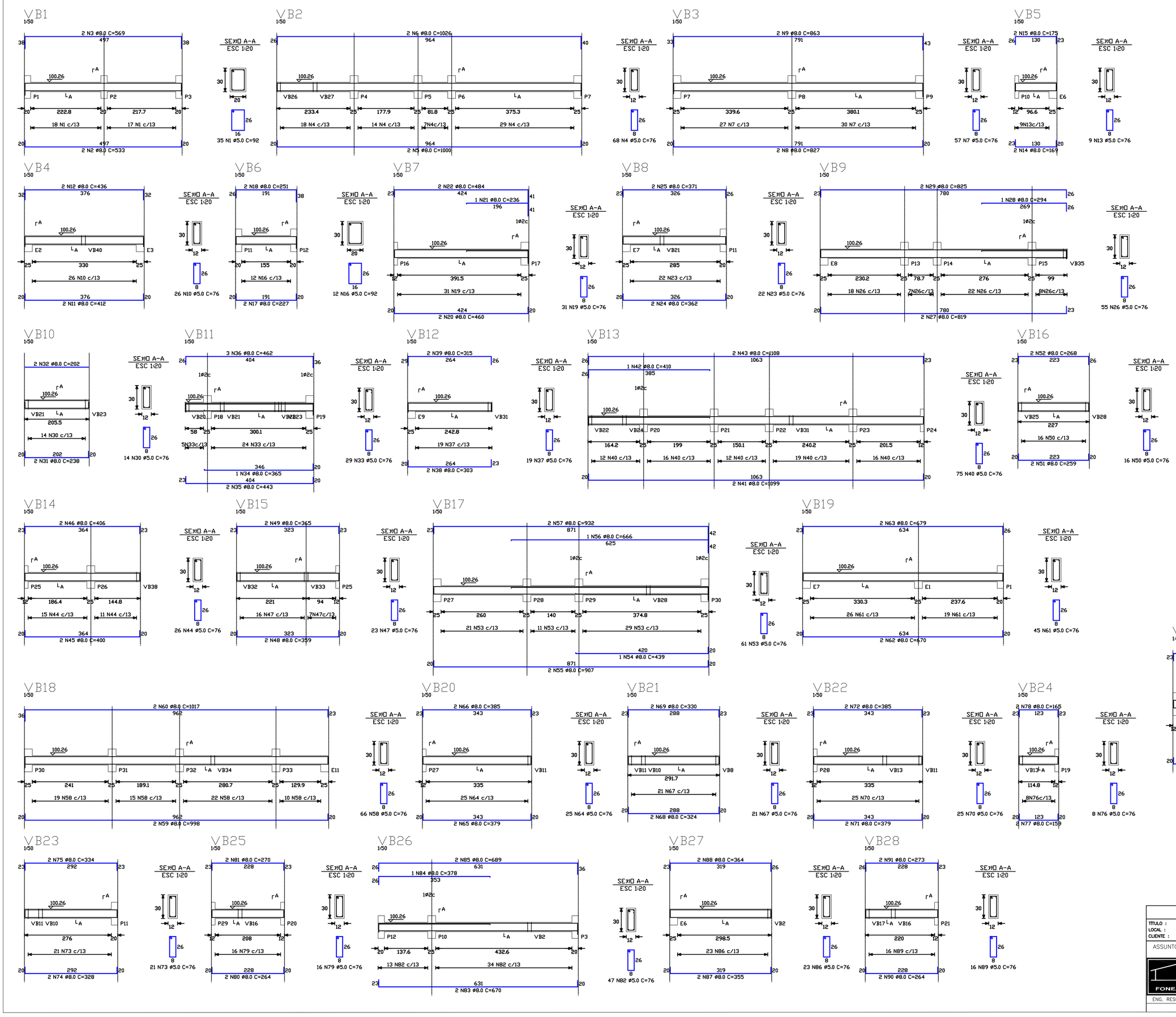

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
VB1	60	1	5.0	35	92	3220
	50	2	8.0	2	533	1066
	50	3	8.0	2	569	1138
VB2	60	4	5.0	68	76	5168
	50	5	8.0	2	1000	2000
	50	6	8.0	2	1026	2052
VB3	60	7	5.0	57	76	4332
	50	8	8.0	2	827	1654
	50	9	8.0	2	863	1726
VB4	60	10	5.0	26	76	1976
	50	11	8.0	2	412	824
	50	12	8.0	2	436	872
VB5	60	13	5.0	9	76	684
	50	14	8.0	2	169	338
	50	15	8.0	2	175	350
VB6	60	16	5.0	18	92	1104
	50	17	8.0	2	227	454
	50	18	8.0	2	251	502
VB7	60	19	5.0	31	76	2356
	50	20	8.0	2	460	920
	50	21	8.0	1	236	236
	50	22	8.0	2	484	968
VB8	60	23	5.0	22	76	1672
	50	24	8.0	2	362	724
	50	25	8.0	2	371	742
VB9	60	26	5.0	55	76	4180
	50	27	8.0	2	819	1638
	50	28	8.0	1	294	294
	50	29	8.0	2	825	1650
VB10	60	30	5.0	14	76	1064
	50	31	8.0	2	238	476
	50	32	8.0	2	202	404
VB11	60	33	5.0	29	76	2204
	50	34	8.0	1	365	365
	50	35	8.0	2	443	886
	50	36	8.0	3	462	1386
VB12	60	37	5.0	19	76	1444
	50	38	8.0	2	303	606
	50	39	8.0	2	315	630
VB13	60	40	5.0	75	76	5700
	50	41	8.0	2	1099	2198
	50	42	8.0	1	410	410
	50	43	8.0	2	1108	2216
VB14	60	44	5.0	26	76	1976
	50	45	8.0	2	400	800
	50	46	8.0	2	406	812
VB15	60	47	5.0	23	76	1748
	50	48	8.0	2	359	718
	50	49	8.0	2	365	730
VB16	60	50	5.0	16	76	1216
	50	51	8.0	2	259	518
	50	52	8.0	2	268	536
VB17	60	53	5.0	61	76	4636
	50	54	8.0	2	439	439
	50	55	8.0	2	907	1814
	50	56	8.0	1	666	666
	50	57	8.0	2	932	1864
VB18	60	58	5.0	66	76	5016
	50	59	8.0	2	998	1996
	50	60	8.0	2	1017	2034
VB19	60	61	5.0	45	76	3420
	50	62	8.0	2	670	1340
	50	63	8.0	2	679	1358
VB20	60	64	5.0	25	76	1900
	50	65	8.0	2	379	758
	50	66	8.0	2	385	770
VB21	60	67	5.0	21	76	1596
	50	68	8.0	2	324	648
	50	69	8.0	2	330	660
VB22	60	70	5.0	25	76	1900
	50	71	8.0	2	379	758
	50	72	8.0	2	385	770
VB23	60	73	5.0	21	76	1596
	50	74	8.0	2	328	656
	50	75	8.0	2	334	668
VB24	60	76	5.0	12	76	912
	50	77	8.0	2	159	318
	50	78	8.0	2	165	330
VB25	60	79	5.0	16	76	1216
	50	80	8.0	2	264	528
	50	81	8.0	2	270	540
VB26	60	82	5.0	47	76	3572
	50	83	8.0	2	670	1340
	50	84	8.0	2	689	1378
VB27	60	85	5.0	23	76	1748
	50	86	8.0	2	355	710
	50	87	8.0	2	364	728
VB28	60	88	5.0	16	76	1216
	50	89	8.0	2	264	528
	50	90	8.0	2	273	546
VB30	60	91	5.0	16	76	1216
	50	92	8.0	2	264	528
	50	93	8.0	2	270	540
	50	94	8.0	2	270	540

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+0% (kg)
CA50	8.0	594.7	235.0
CA60	5.0	701.3	108.0
PESO TOTAL			
CA50			235.0
CA60			108.0

Volume de concreto total = 4.82 m³
Área de forma total = 93.63 m²

PROJETO ESTRUTURAL	Fck≥20MPa
TITULO :	BRITA N°1
LOCAL :	SLUMP 6 ±1
CLIENTE :	DATA 09/2007
ASSUNTO : ARMAÇÃO DAS VIGAS BALDRAME	

ESCRITÓRIO DE ENGENHARIA CIVIL
PROJETO ESTRUTURAL E FUNDAÇÃO
FONE/FAX : (14) 3223-1137 BAURU/SP

FOLHA Nº : 03/10

ENG. RESP. HEBERT COMEGNO ASAM CREA 5060488363/D

ENG. RESP.

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