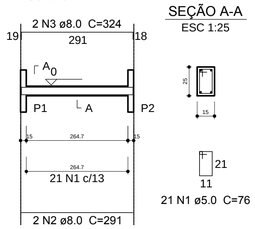
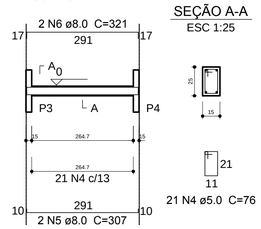
VB1
ESC 1:75



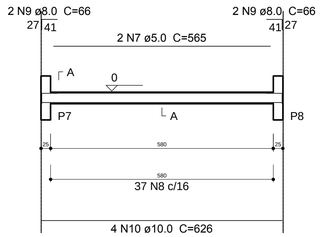
SEÇÃO A-A
ESC 1:25

VB2
ESC 1:75

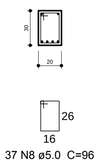


SEÇÃO A-A
ESC 1:25

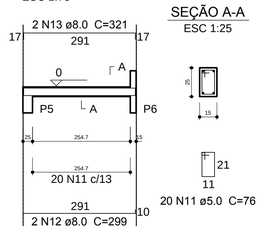
VB3
ESC 1:75



SEÇÃO A-A
ESC 1:25

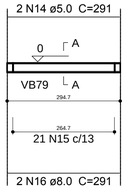


VB4
ESC 1:75

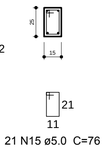


SEÇÃO A-A
ESC 1:25

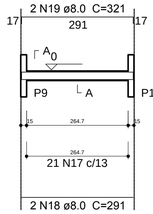
VB5
ESC 1:75



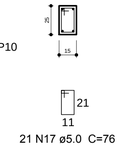
SEÇÃO A-A
ESC 1:25



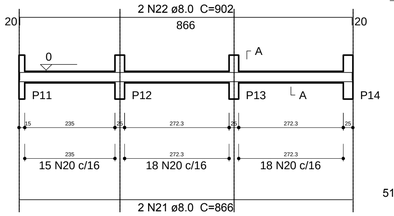
VB6
ESC 1:75



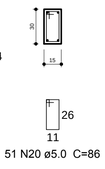
SEÇÃO A-A
ESC 1:25



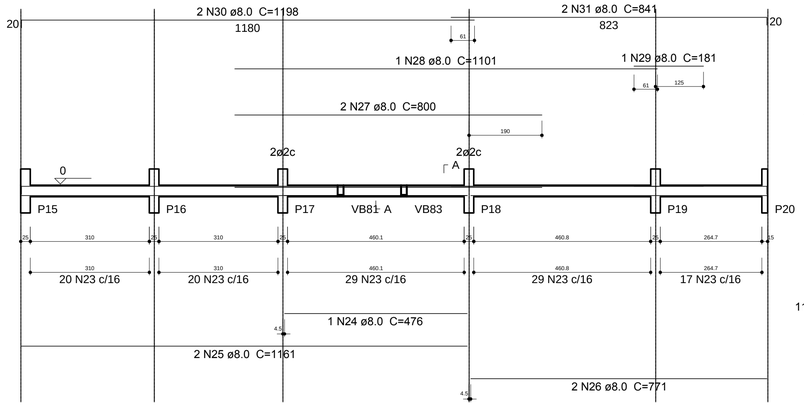
VB7
ESC 1:75



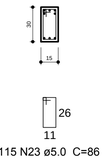
SEÇÃO A-A
ESC 1:25



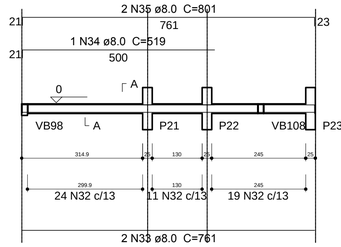
VB8
ESC 1:75



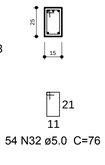
SEÇÃO A-A
ESC 1:25



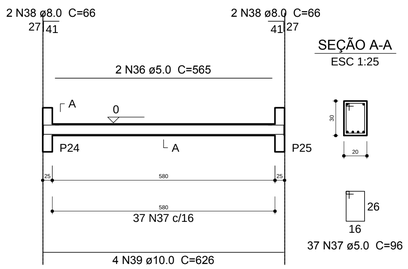
VB9
ESC 1:75



SEÇÃO A-A
ESC 1:25

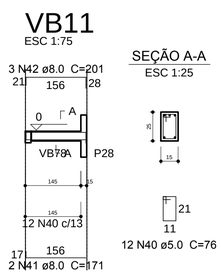


VB10
ESC 1:75



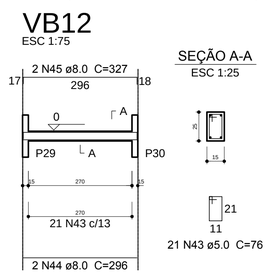
SEÇÃO A-A
ESC 1:25

VB11
ESC 1:75



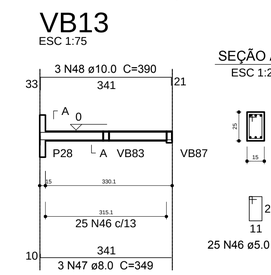
SEÇÃO A-A
ESC 1:25

VB12
ESC 1:75



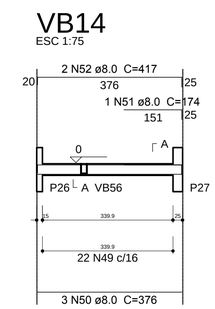
SEÇÃO A-A
ESC 1:25

VB13
ESC 1:75



SEÇÃO A-A
ESC 1:25

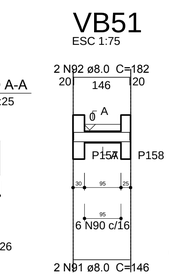
VB14
ESC 1:75



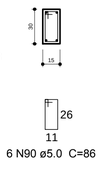
SEÇÃO A-A
ESC 1:25



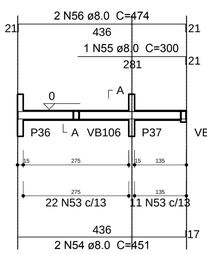
VB51
ESC 1:75



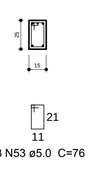
SEÇÃO A-A
ESC 1:25



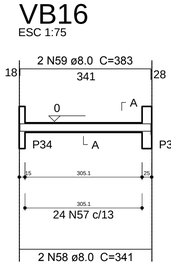
VB15
ESC 1:75



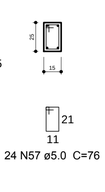
SEÇÃO A-A
ESC 1:25



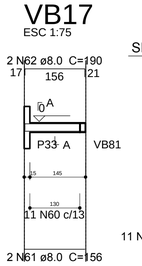
VB16
ESC 1:75



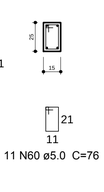
SEÇÃO A-A
ESC 1:25



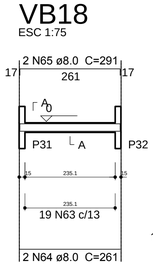
VB17
ESC 1:75



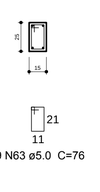
SEÇÃO A-A
ESC 1:25



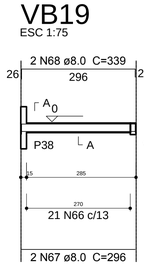
VB18
ESC 1:75



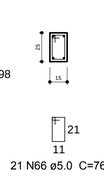
SEÇÃO A-A
ESC 1:25



VB19
ESC 1:75



SEÇÃO A-A
ESC 1:25



VB20
ESC 1:75

SEÇÃO A-A
ESC 1:25

VB21
ESC 1:75

SEÇÃO A-A
ESC 1:25

VB22
ESC 1:75

SEÇÃO A-A
ESC 1:25

VB24
ESC 1:75

SEÇÃO A-A
ESC 1:25

VB25
ESC 1:75

SEÇÃO A-A
ESC 1:25

VB26
ESC 1:75

SEÇÃO A-A
ESC 1:25

VB27
ESC 1:75

SEÇÃO A-A
ESC 1:25

Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
VB1	CA60	1	5.0	21	76	1596
	CA50	2	8.0	2	291	582
	CA50	3	8.0	2	324	648
VB2	CA60	4	5.0	21	76	1596
	CA50	5	8.0	2	307	614
	CA50	6	8.0	2	321	642
VB3	CA60	7	5.0	2	565	1130
	CA60	8	5.0	37	96	3552
	CA50	9	8.0	4	66	264
	CA50	10	10.0	4	626	2504
VB4	CA60	11	5.0	20	76	1520
	CA50	12	8.0	2	299	598
	CA50	13	8.0	2	321	642
VB5	CA60	14	5.0	2	291	582
	CA60	15	5.0	21	76	1596
	CA50	16	8.0	2	291	582
VB6	CA60	17	5.0	21	76	1596
	CA50	18	8.0	2	291	582
	CA50	19	8.0	2	321	642
VB7	CA60	20	5.0	51	86	4386
	CA50	21	8.0	2	866	1732
	CA50	22	8.0	2	902	1804
VB8	CA60	23	5.0	115	86	9890
	CA50	24	8.0	1	476	476
	CA50	25	8.0	2	1161	2322
	CA50	26	8.0	2	771	1542
	CA50	27	8.0	2	800	1600
	CA50	28	8.0	1	1101	1101
	CA50	29	8.0	1	181	181
	CA50	30	8.0	2	1198	2396
	CA50	31	8.0	2	841	1682
VB9	CA60	32	5.0	54	76	4104
	CA50	33	8.0	2	761	1522
	CA50	34	8.0	1	519	519
	CA50	35	8.0	2	801	1602
VB10	CA60	36	5.0	2	565	1130
	CA60	37	5.0	37	96	3552
	CA50	38	8.0	4	66	264
	CA50	39	10.0	4	626	2504
VB11	CA60	40	5.0	12	76	912
	CA50	41	8.0	2	171	342
	CA50	42	8.0	3	201	603
VB12	CA60	43	5.0	21	76	1596
	CA50	44	8.0	2	296	592
	CA50	45	8.0	2	327	654
VB13	CA60	46	5.0	25	76	1900
	CA50	47	8.0	3	349	1047
	CA50	48	10.0	3	390	1170
VB14	CA60	49	5.0	22	86	1892
	CA50	50	8.0	3	376	1128
	CA50	51	8.0	1	174	174
	CA50	52	8.0	2	417	834
VB15	CA60	53	5.0	33	76	2508
	CA50	54	8.0	2	451	902
	CA50	55	8.0	1	300	300
	CA50	56	8.0	2	474	948
VB16	CA60	57	5.0	24	76	1824
	CA50	58	8.0	2	341	682
	CA50	59	8.0	2	383	766
VB17	CA60	60	5.0	11	76	836
	CA50	61	8.0	2	156	312
	CA50	62	8.0	2	190	380
VB18	CA60	63	5.0	19	76	1444
	CA50	64	8.0	2	261	522
	CA50	65	8.0	2	291	582
VB19	CA60	66	5.0	21	76	1596
	CA50	67	8.0	2	296	592
	CA50	68	8.0	2	339	678
VB20	CA60	69	5.0	11	76	836
	CA50	70	8.0	2	161	322
	CA50	71	8.0	2	193	386
VB21	CA60	72	5.0	25	76	1900
	CA50	73	8.0	3	341	1023
	CA50	74	8.0	2	375	750
VB22	CA60	75	5.0	26	86	2236
	CA50	76	8.0	2	441	882
	CA50	77	8.0	2	477	954
VB24	CA60	78	5.0	26	86	2236
	CA50	79	8.0	2	451	902
	CA50	80	8.0	2	487	974
VB25	CA60	81	5.0	14	76	1064
	CA50	82	8.0	2	206	412
	CA50	83	8.0	2	236	472
VB26	CA60	84	5.0	19	76	1444
	CA50	85	8.0	2	271	542
	CA50	86	8.0	2	301	602
VB27	CA60	87	5.0	18	76	1368
	CA50	88	8.0	2	256	512
	CA50	89	8.0	2	286	572
VB51	CA60	90	5.0	6	86	516
	CA50	91	8.0	2	146	292
	CA50	92	8.0	2	182	364

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	465.4	202
	10.0	61.8	41.9
CA60	5.0	623.4	105.7

PESO TOTAL (kg)	
CA50	243.9
CA60	105.7

Volume de concreto (C-25) = 4.84 m³
Área de forma = 79.58 m²

PAS www.pasnet.com.br		ANO: 2014	TIPO: ESTR	FOLHA: 10 / 28	MODIFICAÇÕES:	
PROPRIETÁRIO: PREF. DO MUNICÍPIO DE PARECIS		LOCAL: LINHA 75				C
OBRA: CONSTRUÇÃO DE HOSPITAL MUNICIPAL DETALHES DAS VIGAS BALDRAME 1 / 6		ÁREAS: VER FOLHA 1 DO ARQUITETÔNICO				D
AUTOR:	DES.:	DATA: FEVEREIRO DE 2014				E
VISTO PREFEITURA MUNICIPAL:		DIM.: METRO				F
AUTOR:		ESC.: INDICADA				G
						H
						I