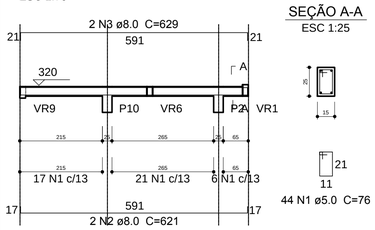
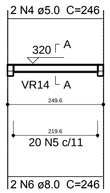
VR80
ESC 1:75

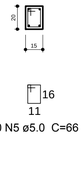


SEÇÃO A-A
ESC 1:25

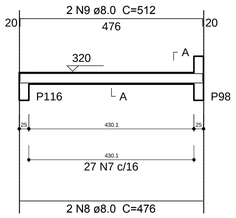
VR81
ESC 1:75



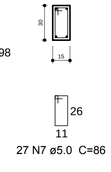
SEÇÃO A-A
ESC 1:25



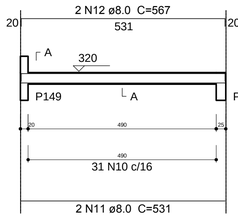
VR82
ESC 1:75



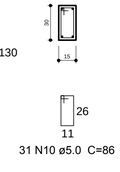
SEÇÃO A-A
ESC 1:25



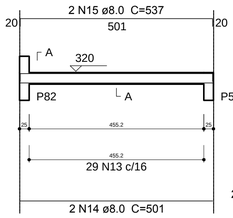
VR83
ESC 1:75



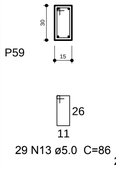
SEÇÃO A-A
ESC 1:25



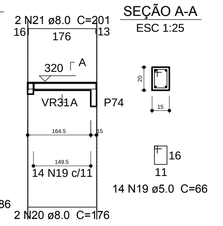
VR84
ESC 1:75



SEÇÃO A-A
ESC 1:25

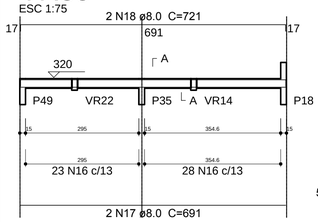


VR86
ESC 1:75

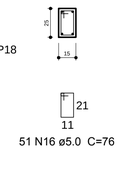


SEÇÃO A-A
ESC 1:25

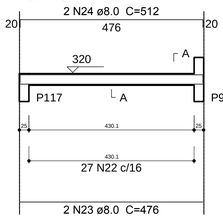
VR85
ESC 1:75



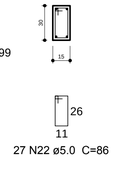
SEÇÃO A-A
ESC 1:25



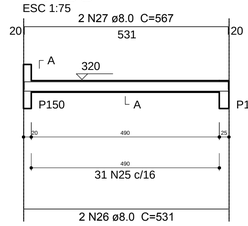
VR87
ESC 1:75



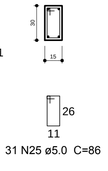
SEÇÃO A-A
ESC 1:25



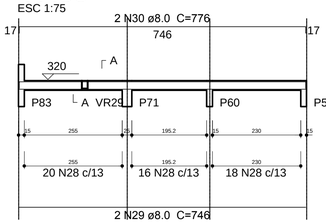
VR88
ESC 1:75



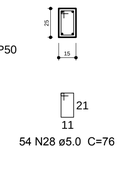
SEÇÃO A-A
ESC 1:25



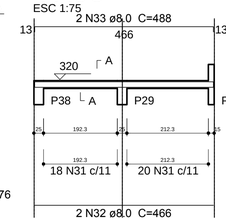
VR89
ESC 1:75



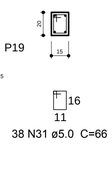
SEÇÃO A-A
ESC 1:25



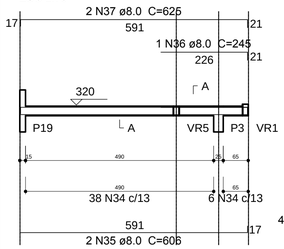
VR90
ESC 1:75



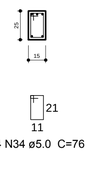
SEÇÃO A-A
ESC 1:25



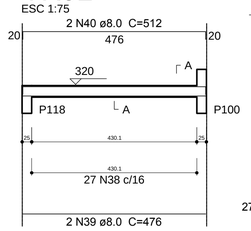
VR91
ESC 1:75



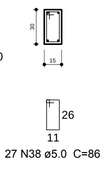
SEÇÃO A-A
ESC 1:25



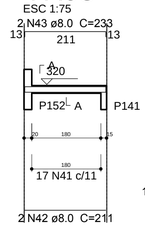
VR92
ESC 1:75



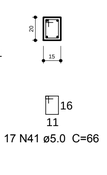
SEÇÃO A-A
ESC 1:25



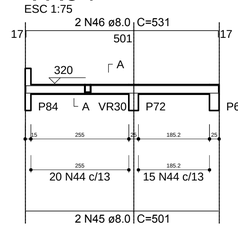
VR93
ESC 1:75



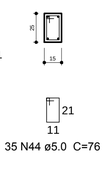
SEÇÃO A-A
ESC 1:25



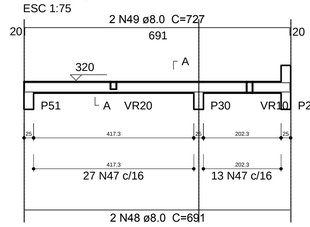
VR94
ESC 1:75



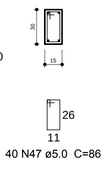
SEÇÃO A-A
ESC 1:25



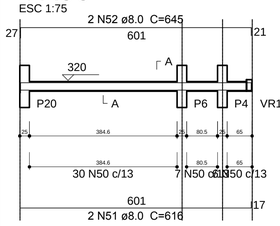
VR95
ESC 1:75



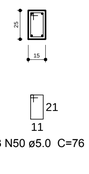
SEÇÃO A-A
ESC 1:25



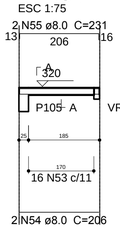
VR96
ESC 1:75



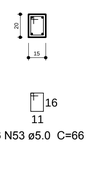
SEÇÃO A-A
ESC 1:25



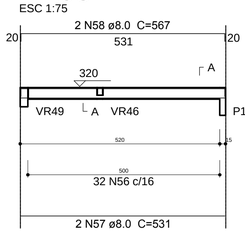
VR97
ESC 1:75



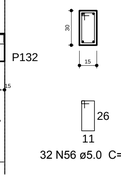
SEÇÃO A-A
ESC 1:25



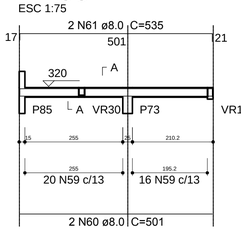
VR98
ESC 1:75



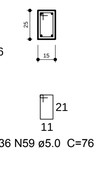
SEÇÃO A-A
ESC 1:25



VR99
ESC 1:75



SEÇÃO A-A
ESC 1:25



VR100
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR101
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR102
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR103
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR104
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR105
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR106
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR108
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR109
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR110
ESC 1:75

SEÇÃO A-A
ESC 1:25

VR111
ESC 1:75

SEÇÃO A-A
ESC 1:25

Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
VR80	CA60	1	5.0	44	76	3344
	CA50	2	8.0	2	621	1242
	CA50	3	8.0	2	629	1258
VR81	CA60	4	5.0	2	246	492
	CA60	5	5.0	20	66	1320
	CA50	6	8.0	2	246	492
VR82	CA60	7	5.0	27	86	2322
	CA50	8	8.0	2	476	952
	CA50	9	8.0	2	512	1024
VR83	CA60	10	5.0	31	86	2666
	CA50	11	8.0	2	531	1062
	CA50	12	8.0	2	567	1134
VR84	CA60	13	5.0	29	86	2494
	CA50	14	8.0	2	501	1002
	CA50	15	8.0	2	537	1074
VR85	CA60	16	5.0	51	76	3876
	CA50	17	8.0	2	691	1382
	CA50	18	8.0	2	721	1442
VR86	CA60	19	5.0	14	66	924
	CA50	20	8.0	2	176	352
	CA50	21	8.0	2	201	402
VR87	CA60	22	5.0	27	86	2322
	CA50	23	8.0	2	476	952
	CA50	24	8.0	2	512	1024
VR88	CA60	25	5.0	31	86	2666
	CA50	26	8.0	2	531	1062
	CA50	27	8.0	2	567	1134
VR89	CA60	28	5.0	54	76	4104
	CA50	29	8.0	2	746	1492
	CA50	30	8.0	2	776	1552
VR90	CA60	31	5.0	38	66	2508
	CA50	32	8.0	2	466	932
	CA50	33	8.0	2	488	976
VR91	CA60	34	5.0	44	76	3344
	CA50	35	8.0	2	606	1212
	CA50	36	8.0	1	245	245
	CA50	37	8.0	2	625	1250
VR92	CA60	38	5.0	27	86	2322
	CA50	39	8.0	2	476	952
	CA50	40	8.0	2	512	1024
VR93	CA60	41	5.0	17	66	1122
	CA50	42	8.0	2	211	422
	CA50	43	8.0	2	233	466
VR94	CA60	44	5.0	35	76	2660
	CA50	45	8.0	2	501	1002
	CA50	46	8.0	2	531	1062
VR95	CA60	47	5.0	40	86	3440
	CA50	48	8.0	2	691	1382
	CA50	49	8.0	2	727	1454
VR96	CA60	50	5.0	43	76	3268
	CA50	51	8.0	2	616	1232
	CA50	52	8.0	2	645	1290
VR97	CA60	53	5.0	16	66	1056
	CA50	54	8.0	2	206	412
	CA50	55	8.0	2	231	462
VR98	CA60	56	5.0	32	86	2752
	CA50	57	8.0	2	531	1062
	CA50	58	8.0	2	567	1134
VR99	CA60	59	5.0	36	76	2736
	CA50	60	8.0	2	501	1002
	CA50	61	8.0	2	535	1070
VR100	CA60	62	5.0	27	86	2322
	CA50	63	8.0	2	476	952
	CA50	64	8.0	2	512	1024
VR101	CA60	65	5.0	60	76	4560
	CA50	66	8.0	2	852	1704
	CA50	67	8.0	2	866	1732
VR102	CA60	68	5.0	17	66	1122
	CA50	69	8.0	2	211	422
	CA50	70	8.0	2	233	466
VR103	CA60	71	5.0	21	66	1386
	CA50	72	8.0	2	251	502
	CA50	73	8.0	2	276	552
VR104	CA60	74	5.0	17	66	1122
	CA50	75	8.0	2	206	412
	CA50	76	8.0	2	231	462
VR105	CA60	77	5.0	33	76	2508
	CA50	78	8.0	2	461	922
	CA50	79	8.0	2	484	968
VR106	CA60	80	5.0	43	86	3698
	CA50	81	8.0	2	749	1498
	CA50	82	8.0	2	777	1554
VR108	CA60	83	5.0	17	66	1122
	CA50	84	8.0	2	206	412
	CA50	85	8.0	2	231	462
VR109	CA60	86	5.0	31	86	2666
	CA50	87	8.0	2	531	1062
	CA50	88	8.0	2	567	1134
VR110	CA60	89	5.0	27	86	2322
	CA50	90	8.0	2	476	952
	CA50	91	8.0	2	512	1024
VR111	CA60	92	5.0	23	106	2438
	CA50	93	8.0	3	546	1638
	CA50	94	8.0	2	596	1192

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	611.3	265.3
CA60	5.0	770.1	130.6

PESO TOTAL (kg)	
CA50	265.3
CA60	130.6

Volume de concreto (C-25) = 5.99 m³
Área de forma = 102.04 m²

PAS www.pasnet.com.br		ANO: 2014	TIPO: ESTR	FOLHA: 20 / 28	MODIFICAÇÕES: A, B
PROPRIETÁRIO: PREF. DO MUNICÍPIO DE PARECIS		LOCAL: LINHA 75			C
OBRA: CONSTRUÇÃO DE HOSPITAL MUNICIPAL DETALHES DAS VIGAS DE RESPALDO 5 / 6		ÁREAS: VER FOLHA 1 DO ARQUITETÔNICO			D, E, F
AUTOR:	DES.:	DATA: FEVEREIRO DE 2014			G
VISTO — PREFEITURA MUNICIPAL:		DIM.: METRO			H
AUTOR:		ESC.: INDICADA			I