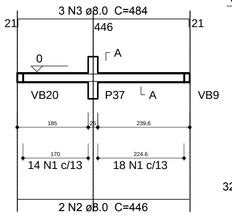
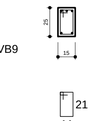
VB108
ESC 1:75

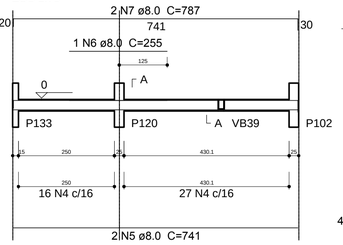


SEÇÃO A-A
ESC 1:25

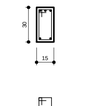


32 N1 ø5.0 C=76

VB109
ESC 1:75

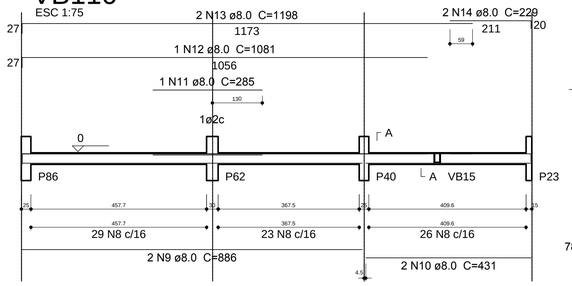


SEÇÃO A-A
ESC 1:25

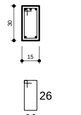


43 N4 ø5.0 C=86

VB110
ESC 1:75

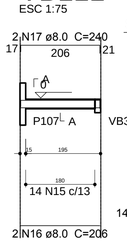


SEÇÃO A-A
ESC 1:25

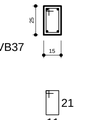


78 N8 ø5.0 C=86

VB111
ESC 1:75

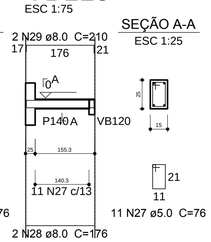


SEÇÃO A-A
ESC 1:25



14 N15 ø5.0 C=76

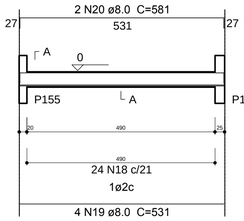
VB115
ESC 1:75



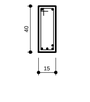
SEÇÃO A-A
ESC 1:25

11 N27 ø5.0 C=76

VB112
ESC 1:75

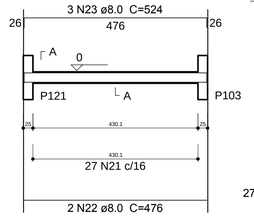


SEÇÃO A-A
ESC 1:25

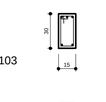


24 N18 ø5.0 C=106

VB113
ESC 1:75

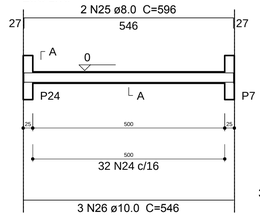


SEÇÃO A-A
ESC 1:25

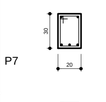


27 N21 ø5.0 C=86

VB114
ESC 1:75

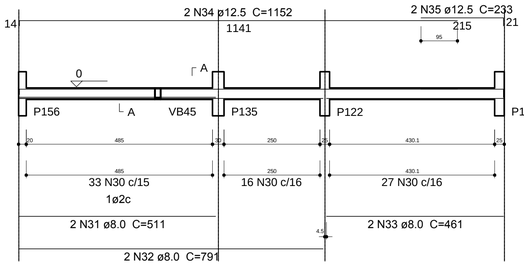


SEÇÃO A-A
ESC 1:25

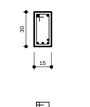


32 N24 ø5.0 C=96

VB116
ESC 1:75

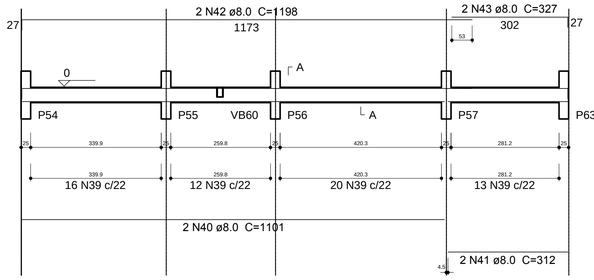


SEÇÃO A-A
ESC 1:25

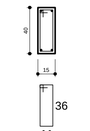


76 N30 ø5.0 C=86

VB118
ESC 1:75

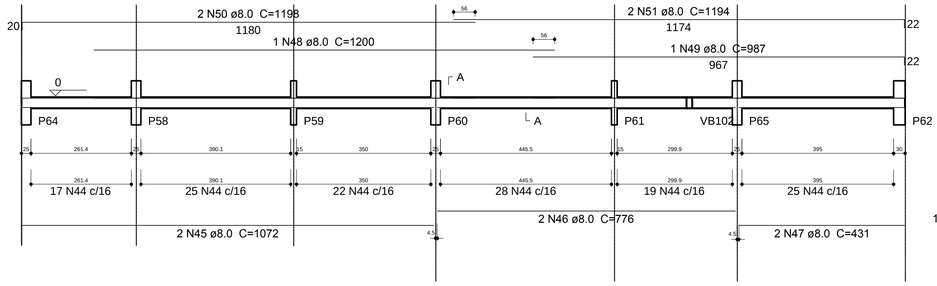


SEÇÃO A-A
ESC 1:25

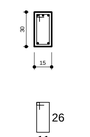


61 N39 ø5.0 C=106

VB119
ESC 1:75

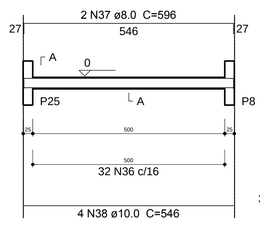


SEÇÃO A-A
ESC 1:25

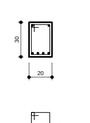


136 N44 ø5.0 C=86

VB117
ESC 1:75

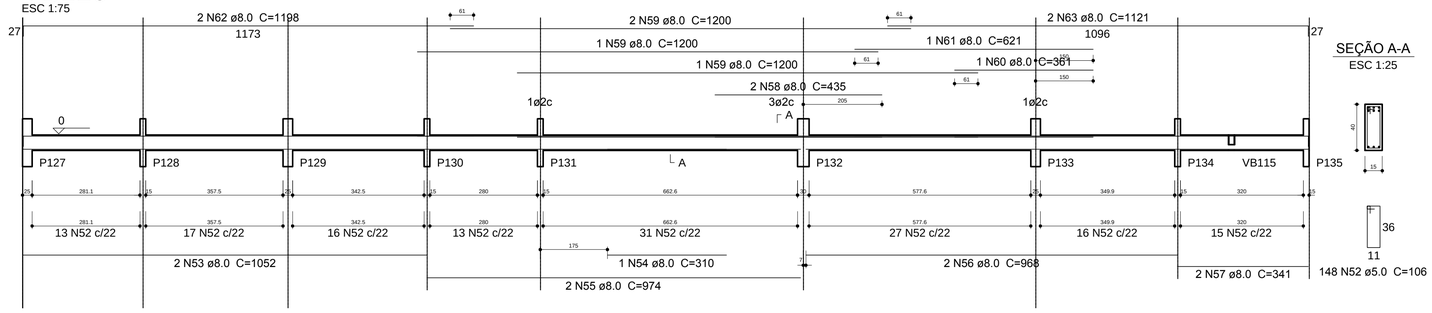


SEÇÃO A-A
ESC 1:25



32 N36 ø5.0 C=96

VB120
ESC 1:75



SEÇÃO A-A
ESC 1:25

148 N52 ø5.0 C=106

Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
VB108	CA60	1	5.0	32	76	2432
	CA50	2	8.0	2	446	892
	CA50	3	8.0	3	484	1452
VB109	CA60	4	5.0	43	86	3698
	CA50	5	8.0	2	741	1482
	CA50	6	8.0	1	255	255
	CA50	7	8.0	2	787	1574
VB110	CA60	8	5.0	78	86	6708
	CA50	9	8.0	2	886	1772
	CA50	10	8.0	2	431	862
	CA50	11	8.0	1	285	285
	CA50	12	8.0	1	1081	1081
	CA50	13	8.0	2	1198	2396
	CA50	14	8.0	2	229	458
VB111	CA60	15	5.0	14	76	1064
	CA50	16	8.0	2	206	412
	CA50	17	8.0	2	240	480
VB112	CA60	18	5.0	24	106	2544
	CA50	19	8.0	4	531	2124
	CA50	20	8.0	2	581	1162
VB113	CA60	21	5.0	27	86	2322
	CA50	22	8.0	2	476	952
	CA50	23	8.0	3	524	1572
VB114	CA60	24	5.0	32	96	3072
	CA50	25	8.0	2	596	1192
	CA50	26	10.0	3	546	1638
VB115	CA60	27	5.0	11	76	836
	CA50	28	8.0	2	176	352
	CA50	29	8.0	2	210	420
VB116	CA60	30	5.0	76	86	6536
	CA50	31	8.0	2	511	1022
	CA50	32	8.0	2	791	1582
	CA50	33	8.0	2	461	922
	CA50	34	12.5	2	1152	2304
	CA50	35	12.5	2	233	466
VB117	CA60	36	5.0	32	96	3072
	CA50	37	8.0	2	596	1192
	CA50	38	10.0	4	546	2184
VB118	CA60	39	5.0	61	106	6466
	CA50	40	8.0	2	1101	2202
	CA50	41	8.0	2	312	624
	CA50	42	8.0	2	1198	2396
	CA50	43	8.0	2	327	654
VB119	CA60	44	5.0	136	86	11696
	CA50	45	8.0	2	1072	2144
	CA50	46	8.0	2	776	1552
	CA50	47	8.0	2	431	862
	CA50	48	8.0	1	1200	1200
	CA50	49	8.0	1	987	987
	CA50	50	8.0	2	1198	2396
	CA50	51	8.0	2	1194	2388
VB120	CA60	52	5.0	148	106	15688
	CA50	53	8.0	2	1052	2104
	CA50	54	8.0	1	310	310
	CA50	55	8.0	2	974	1948
	CA50	56	8.0	2	968	1936
	CA50	57	8.0	2	341	682
	CA50	58	8.0	2	435	870
	CA50	59	8.0	4	1200	4800
	CA50	60	8.0	1	361	361
	CA50	61	8.0	1	621	621
	CA50	62	8.0	2	1198	2396
	CA50	63	8.0	2	1121	2242

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	615.7	267.2
	10.0	38.3	25.9
	12.5	27.7	29.4
CA60	5.0	661.4	112.1

PESO TOTAL (kg)	
CA50	322.5
CA60	112.1

Volume de concreto (C-25) = 6.92 m³
Área de forma = 110.64 m²

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ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
2014	ESTR	15 / 28	A
			B

PROPRIETÁRIO: PREF. DO MUNICÍPIO DE PARECIS
LOCAL: LINHA 75 — C

OBRA: CONSTRUÇÃO DE HOSPITAL MUNICIPAL
DETALHES DAS VIGAS BALDRAME
6 / 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