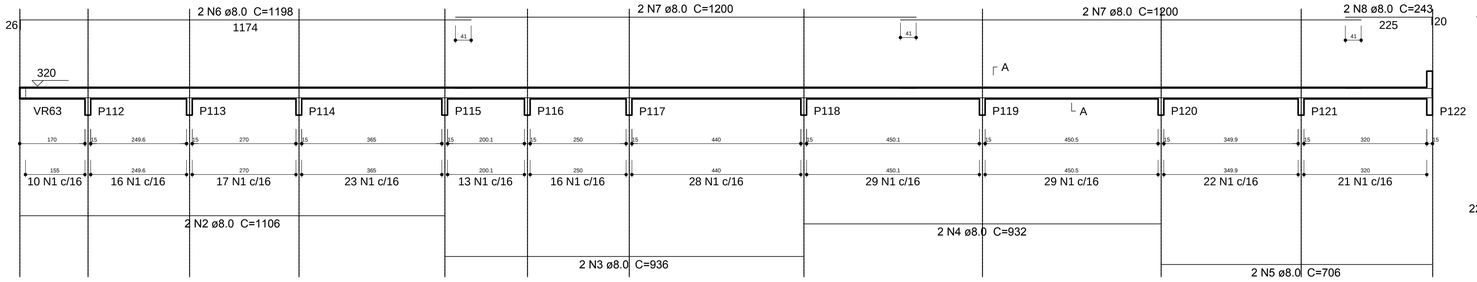
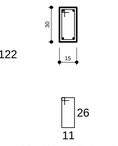
VR41
ESC 1:75

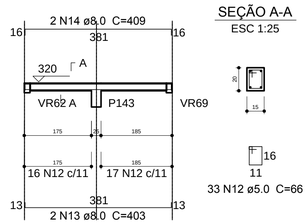


SEÇÃO A-A
ESC 1:25



224 N1 ø5.0 C=86

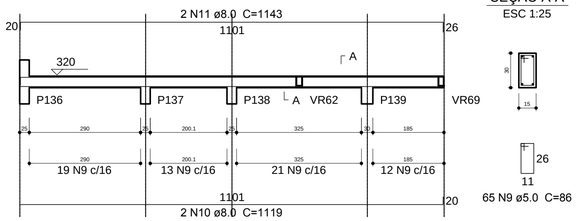
VR47
ESC 1:75



SEÇÃO A-A
ESC 1:25

33 N12 ø5.0 C=66

VR45
ESC 1:75

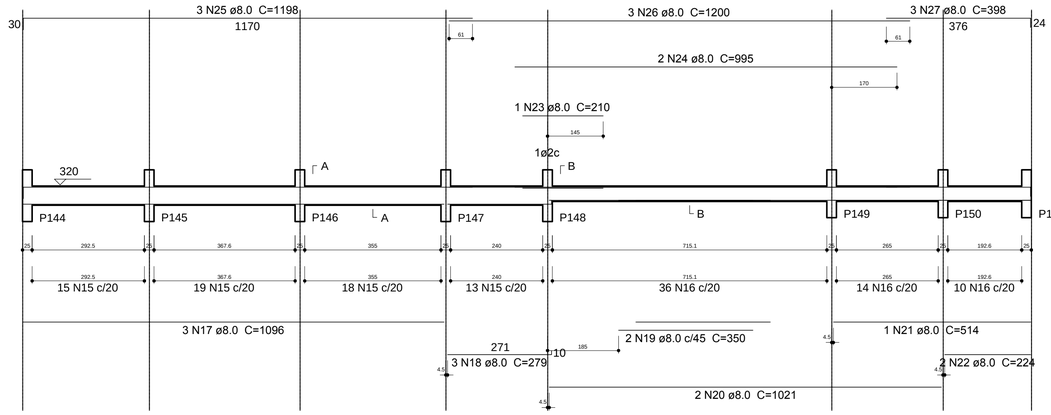


SEÇÃO A-A
ESC 1:25

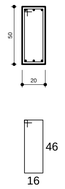
65 N9 ø5.0 C=86

VR48
ESC 1:75

VER DETALHES DA MARQUISE

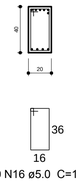


SEÇÃO A-A
ESC 1:25



65 N15 ø5.0 C=136

SEÇÃO B-B
ESC 1:25



60 N16 ø5.0 C=116

Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
VR41	CA60	1	5.0	224	86	19264
	CA50	2	8.0	2	1106	2212
	CA50	3	8.0	2	936	1872
	CA50	4	8.0	2	932	1864
	CA50	5	8.0	2	706	1412
	CA50	6	8.0	2	1198	2396
	CA50	7	8.0	4	1200	4800
	CA50	8	8.0	2	243	486
VR45	CA60	9	5.0	65	86	5590
	CA50	10	8.0	2	1119	2238
	CA50	11	8.0	2	1143	2286
VR47	CA60	12	5.0	33	66	2178
	CA50	13	8.0	2	403	806
	CA50	14	8.0	2	409	818
VR48	CA60	15	5.0	65	136	8840
	CA60	16	5.0	60	116	6960
	CA50	17	8.0	3	1096	3288
	CA50	18	8.0	3	279	837
	CA50	19	8.0	2	350	700
	CA50	20	8.0	2	1021	2042
	CA50	21	8.0	1	514	514
	CA50	22	8.0	2	224	448
	CA50	23	8.0	1	210	210
	CA50	24	8.0	2	995	1990
	CA50	25	8.0	3	1198	3594
	CA50	26	8.0	3	1200	3600
	CA50	27	8.0	3	398	1194
VR49	CA60	28	5.0	85	136	11560
	CA50	29	8.0	3	1089	3267
	CA50	30	8.0	3	696	2088
	CA50	31	8.0	3	1198	3594
	CA50	32	8.0	3	710	2130
VR50	CA60	33	5.0	9	76	684
	CA50	34	8.0	2	146	292
	CA50	35	8.0	2	178	356
VR51	CA60	36	5.0	10	76	760
	CA50	37	8.0	2	146	292
	CA50	38	8.0	2	178	356
VR52	CA60	39	5.0	25	106	2650
	CA50	40	8.0	3	474	1422
	CA50	41	8.0	3	514	1542
VR53	CA60	42	5.0	15	86	1290
	CA50	43	8.0	2	256	512
	CA50	44	8.0	2	292	584
VR54	CA60	45	5.0	69	86	5934
	CA50	46	8.0	2	1166	2332
	CA50	47	8.0	1	260	260
	CA50	48	8.0	2	1064	2128
	CA50	49	8.0	2	190	380
VR55	CA60	50	5.0	15	86	1290
	CA50	51	8.0	2	271	542
	CA50	52	8.0	2	313	626
VR56	CA60	53	5.0	75	86	6450
	CA50	54	8.0	2	836	1672
	CA50	55	8.0	2	416	832
	CA50	56	8.0	2	1159	2318
	CA50	57	8.0	2	202	404

Resumo do aço

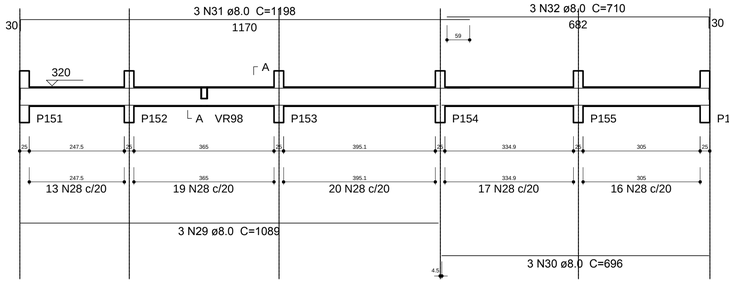
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	675.4	293.1
CA60	5.0	734.5	124.5

PESO TOTAL (kg)	
CA50	293.1
CA60	124.5

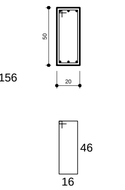
Volume de concreto (C-25) = 8.26 m³
Área de forma = 116.72 m²

VR49
ESC 1:75

VER DETALHES DA MARQUISE

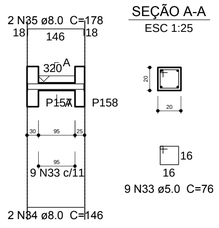


SEÇÃO A-A
ESC 1:25



85 N28 ø5.0 C=136

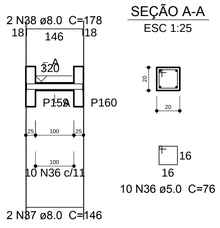
VR50
ESC 1:75



SEÇÃO A-A
ESC 1:25

9 N33 ø5.0 C=76

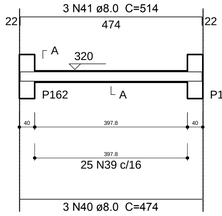
VR51
ESC 1:75



SEÇÃO A-A
ESC 1:25

10 N36 ø5.0 C=76

VR52
ESC 1:75

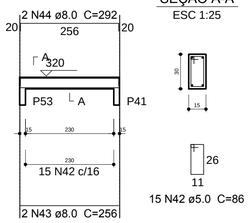


SEÇÃO A-A
ESC 1:25



25 N39 ø5.0 C=106

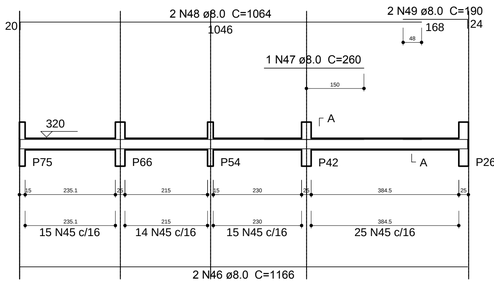
VR53
ESC 1:75



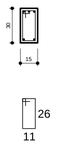
SEÇÃO A-A
ESC 1:25

15 N42 ø5.0 C=86

VR54
ESC 1:75

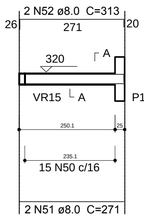


SEÇÃO A-A
ESC 1:25

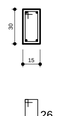


69 N45 ø5.0 C=86

VR55
ESC 1:75

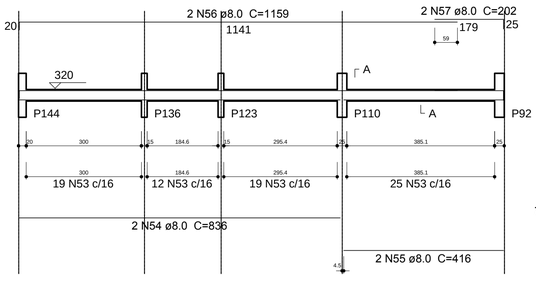


SEÇÃO A-A
ESC 1:25



15 N50 ø5.0 C=86

VR56
ESC 1:75



SEÇÃO A-A
ESC 1:25



75 N53 ø5.0 C=86

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ANO: 2014	TIPO: ESTR	FOLHA: 18 / 28	MODIFICAÇÕES:	
PROPRIETÁRIO: PREF. DO MUNICÍPIO DE PARECIS	LOCAL: LINHA 75		A	
			B	
			C	
OBRA: CONSTRUÇÃO DE HOSPITAL MUNICIPAL — DETALHES DAS VIGAS DE RESPALDO — 3 / 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	