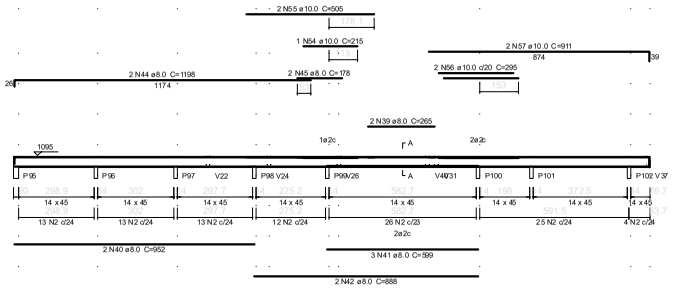
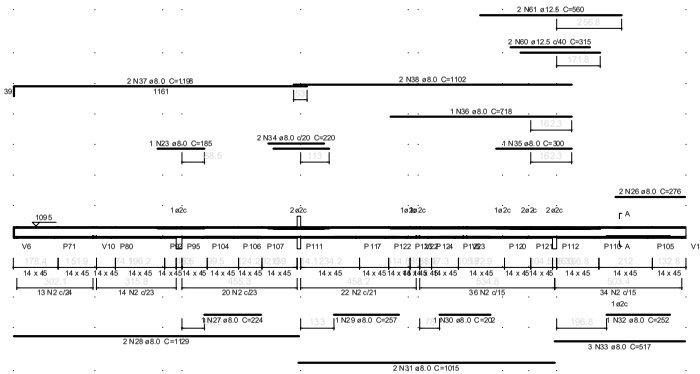
V12 (14 x 45)
ESC 1:75

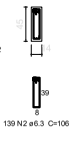


SEÇÃO A-A
ESC 1:25

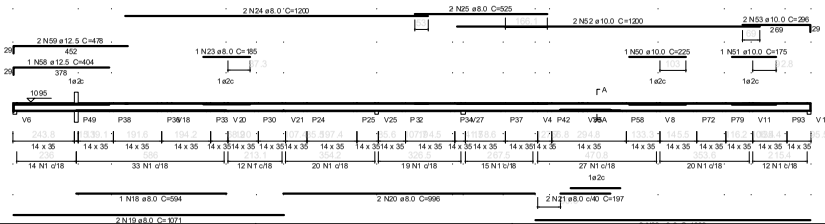
V41 (14 x 45)
ESC 1:75



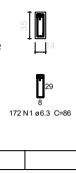
SEÇÃO A-A
ESC 1:25



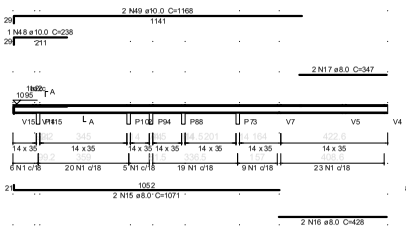
V40 (14 x 35)
ESC 1:75



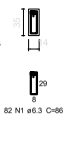
SEÇÃO A-A
ESC 1:25



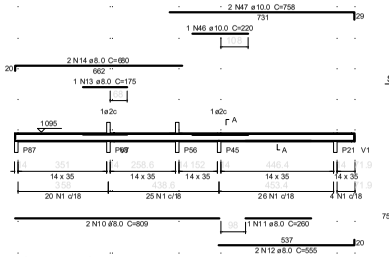
V36 (14 x 35)
ESC 1:75



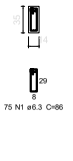
SEÇÃO A-A
ESC 1:25



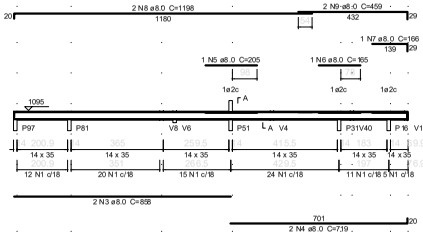
V35 (14 x 35)
ESC 1:75



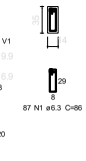
SEÇÃO A-A
ESC 1:25



V21 (14 x 35)
ESC 1:75



SEÇÃO A-A
ESC 1:25



Relação do aço

V12 V21 V35
V36 V40 V41

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	416	86	35776
	2	6.3	245	106	25970
	3	8.0	2	858	1716
	4	8.0	2	719	1438
	5	8.0	1	205	205
	6	8.0	1	165	165
	7	8.0	1	166	166
	8	8.0	2	1198	2396
	9	8.0	2	459	918
	10	8.0	2	809	1618
	11	8.0	1	260	260
	12	8.0	2	555	1110
	13	8.0	1	175	175
	14	8.0	2	680	1360
	15	8.0	2	1071	2142
	16	8.0	2	428	856
	17	8.0	2	347	694
	18	8.0	1	594	594
	19	8.0	2	1071	2142
	20	8.0	2	996	1992
	21	8.0	2	197	394
	22	8.0	2	1089	2178
	23	8.0	2	185	370
	24	8.0	2	1200	2400
	25	8.0	2	525	1050
	26	8.0	2	276	552
	27	8.0	1	224	224
	28	8.0	2	1129	2258
	29	8.0	1	257	257
	30	8.0	1	202	202
	31	8.0	2	1015	2030
	32	8.0	1	252	252
	33	8.0	3	517	1551
	34	8.0	2	220	440
	35	8.0	1	300	300
	36	8.0	1	718	718
	37	8.0	2	1198	2396
	38	8.0	2	1102	2204
	39	8.0	2	265	530
	40	8.0	2	952	1904
	41	8.0	3	599	1797
	42	8.0	2	888	1776
	43	8.0	2	704	1408
	44	8.0	2	1198	2396
	45	8.0	2	178	356
	46	10.0	1	220	220
	47	10.0	2	758	1516
	48	10.0	1	238	238
	49	10.0	2	1168	2336
	50	10.0	1	225	225
	51	10.0	1	175	175
	52	10.0	2	1200	2400
	53	10.0	2	296	592
	54	10.0	1	215	215
	55	10.0	2	505	1010
	56	10.0	2	295	590
	57	10.0	2	911	1822
	58	12.5	1	404	404
	59	12.5	2	478	956
	60	12.5	2	315	630
	61	12.5	2	560	1120

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	617.5	166.2
	8.0	498.9	216.5
	10.0	113.4	76.9
	12.5	31.1	33
PESO TOTAL (kg)			
CA50	492.6		

Volume de concreto (C-25) = 6.97 m³
Área de forma = 117.45 m²

PROJETO ESTRUTURAL | PRANCHA 30

OBRA
CÂMARA MUNICIPAL

LOCAL
RUA ANANIAS COSTA - IBAITI - PARANÁ

PROP.

FORMATO A1 - INTERNO: 801 x 594mm
EXTERNO: 841 x 594 mm