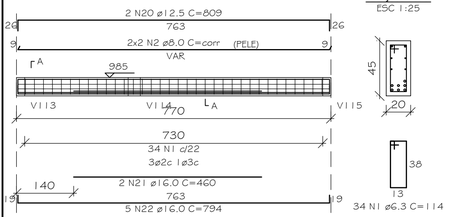
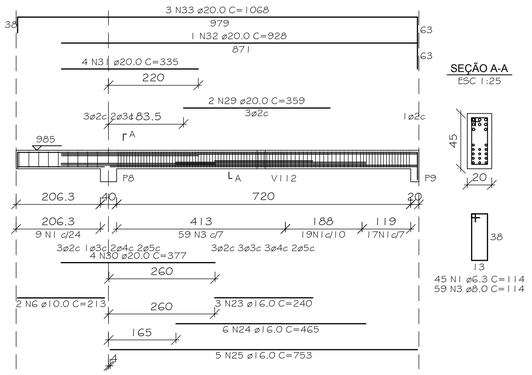
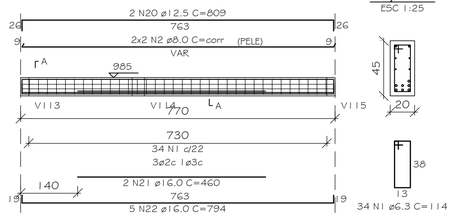
V102 (20 x 45)
ESC 1:75



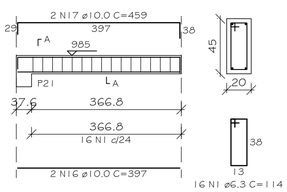
V103 (20 x 45)
ESC 1:75



V105 (20 x 45)
ESC 1:75



V131 (20 x 45)
ESC 1:75



RELAÇÃO DO AÇO

V102 V103 V104
V105 V106 V110
V111 V112 V131
V136 V137

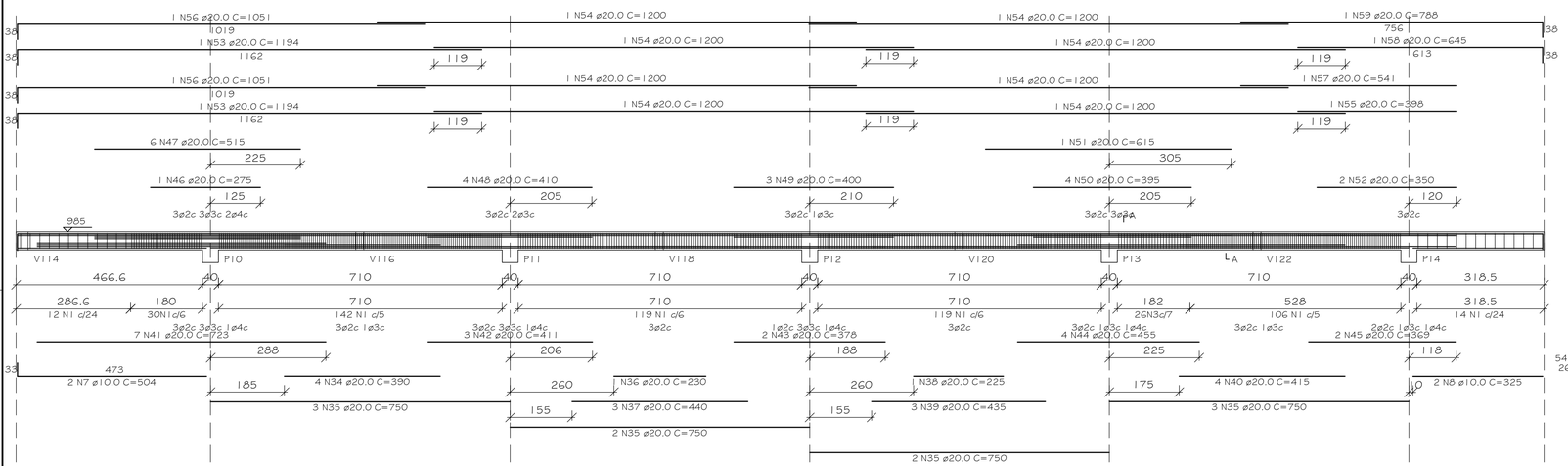
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	934	114	106476
	2	8.0	8	corr	6208
	3	8.0	85	114	9690
	4	8.0	4	corr	3132
	5	8.0	1	93	93
	6	10.0	2	213	426
	7	10.0	2	504	1008
	8	10.0	6	325	1950
	9	10.0	2	556	1112
	10	10.0	2	248	496
	11	10.0	2	233	466
	12	10.0	2	175	350
	13	10.0	2	184	368
	14	10.0	2	716	1432
	15	10.0	2	725	1450
	16	10.0	2	397	794
	17	10.0	2	459	918
	18	10.0	2	278	556
	19	10.0	2	295	590
	20	12.5	4	809	3236
	21	16.0	4	460	1840
	22	16.0	10	794	7940
	23	16.0	3	240	720
	24	16.0	6	465	2790
	25	16.0	5	753	3765
	26	16.0	4	763	3052
	27	16.0	2	282	564
	28	16.0	2	317	634
	29	20.0	2	359	718
	30	20.0	4	377	1508
	31	20.0	4	335	1340
	32	20.0	1	928	928
	33	20.0	3	1068	3204
	34	20.0	4	390	1560
	35	20.0	10	750	7500
	36	20.0	1	230	230
	37	20.0	3	440	1320
	38	20.0	1	225	225
	39	20.0	3	435	1305
	40	20.0	4	415	1660
	41	20.0	7	723	5061
	42	20.0	3	411	1233
	43	20.0	2	378	756
	44	20.0	4	455	1820
	45	20.0	2	369	738
	46	20.0	1	275	275
	47	20.0	6	515	3090
	48	20.0	4	410	1640
	49	20.0	3	400	1200
	50	20.0	4	395	1580
	51	20.0	1	615	615
	52	20.0	2	350	700
	53	20.0	2	1194	2388
	54	20.0	8	1200	9600
	55	20.0	1	398	398
	56	20.0	2	1051	2102
	57	20.0	1	541	541
	58	20.0	1	645	645
	59	20.0	1	788	788
	60	20.0	1	305	305
	61	20.0	2	787	1574
	62	20.0	1	325	325
	63	20.0	2	406	812
	64	20.0	1	1194	1194
	65	20.0	1	320	320
	66	20.0	1	1057	1057
	67	20.0	1	457	457
	68	20.0	2	510	1020
	69	20.0	4	322	1288
	70	20.0	2	495	990
	71	20.0	1	470	470
	72	20.0	4	770	3080
	73	20.0	1	475	475
	74	20.0	4	530	2120

RESUMO DO AÇO

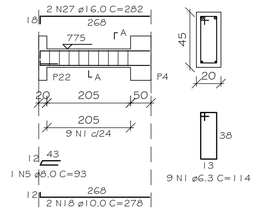
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 20% (kg)
CA50	6.3	1064.8	312.7
	8.0	191.2	90.5
	10.0	119.2	88.2
	12.5	32.4	37.4
	16.0	213.1	403.5
	20.0	721.6	2135.4
PESO TOTAL (kg)			
CA50	3067.7		

Volume de concreto (C-30) = 11.30 m³
Área de forma = 138.15 m²

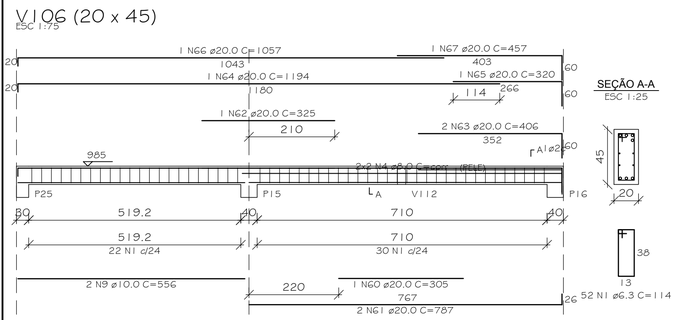
V104 (20 x 45)
ESC 1:75



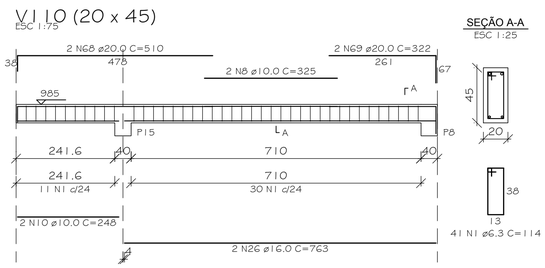
V136 (20 x 45)
ESC 1:75



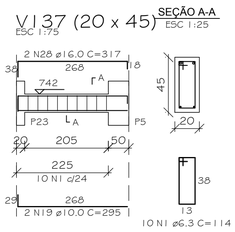
V106 (20 x 45)
ESC 1:75



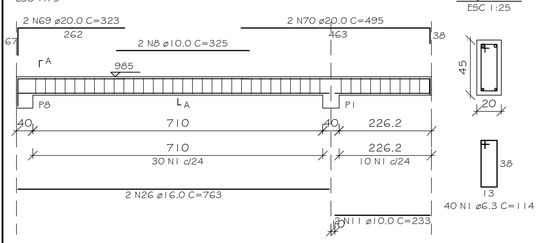
V110 (20 x 45)
ESC 1:75



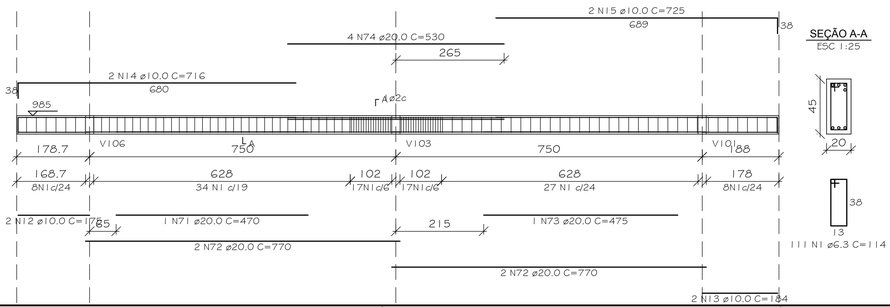
V137 (20 x 45)
ESC 1:75



V111 (20 x 45)
ESC 1:75



V112 (20 x 45)
ESC 1:75



ESCRITORIO RESPONSAVEL:

REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA SAQUAREMA
TRABALHO E RESPEITO

APROVADO

SECRETÁRIO DE OBRAS E URBANISMO

SECRETARIA DE OBRAS E URBANISMO

TÍTULO: MUSEU - ESTRUTURA
ARMAÇÃO DAS VIGAS DO TERRAÇO 1/4

LOCAL: MUSEU
AV. SAQUAREMA - SAQUAREMA

ARQ. ELETRÔNICO: DE-506.19-EST-0

PROJETO

SERGIO B.F.CANARIM CREA RJ 23979/D

Nº: DE-506.19-EST-011

ESCALA	DATA	PRANCHA
INDICADA	MAI/2019	011