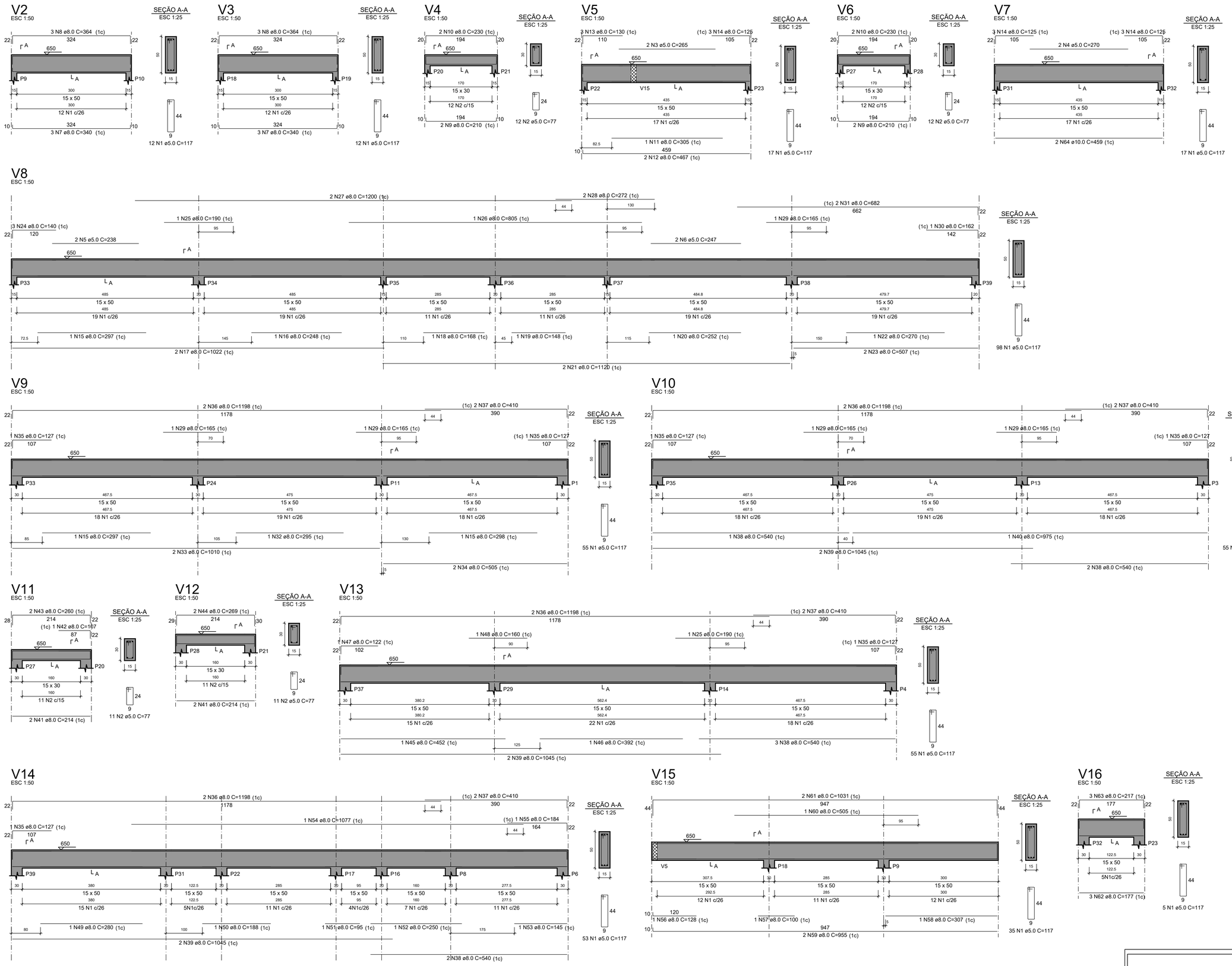

RELAÇÃO DO AÇO

V2	V3	V4
V5	V6	V7
V8	V9	V10
V11	V12	V13
V14	V15	V16

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	414	117	48438
	2	5.0	46	77	3542
	3	5.0	2	265	530
	4	5.0	2	270	540
	5	5.0	2	238	476
	6	5.0	2	247	494
CA50	7	8.0	6	340	2040
	8	8.0	6	364	2184
	9	8.0	4	210	840
	10	8.0	4	230	920
	11	8.0	1	305	305
	12	8.0	2	467	934
	13	8.0	3	130	390
	14	8.0	9	125	1125
	15	8.0	3	297	891
	16	8.0	1	248	248
	17	8.0	2	1022	2044
	18	8.0	1	168	168
	19	8.0	1	148	148
	20	8.0	1	252	252
	21	8.0	2	1120	2240
	22	8.0	1	270	270
	23	8.0	2	507	1014
	24	8.0	3	140	420
	25	8.0	2	190	380
	26	8.0	1	805	805
	27	8.0	2	1200	2400
	28	8.0	2	272	544
	29	8.0	5	165	825
	30	8.0	1	162	162
	31	8.0	2	682	1364
	32	8.0	1	295	295
	33	8.0	2	1010	2020
	34	8.0	2	505	1010
	35	8.0	6	127	762
	36	8.0	8	1198	9584
	37	8.0	8	410	3280
	38	8.0	8	540	4320
	39	8.0	6	1045	6270
	40	8.0	1	975	975
	41	8.0	4	214	856
	42	8.0	1	107	107
	43	8.0	2	260	520
	44	8.0	2	269	538
	45	8.0	1	452	452
	46	8.0	1	392	392
	47	8.0	1	122	122
	48	8.0	1	160	160
	49	8.0	1	280	280
	50	8.0	1	188	188
	51	8.0	1	95	95
	52	8.0	1	250	250
	53	8.0	1	145	145
	54	8.0	1	1077	1077
	55	8.0	1	184	184
	56	8.0	1	128	128
	57	8.0	1	100	100
	58	8.0	1	307	307
	59	8.0	2	955	1910
	60	8.0	1	505	505
	61	8.0	2	1031	2062
	62	8.0	3	177	531
	63	8.0	3	217	651
	64	10.0	2	459	918

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	629.9	273.4
	10.0	9.2	6.2
CA60	5.0	540.2	91.6

PESO TOTAL (kg)	
CA50	279.6
CA60	91.6

Volume de concreto (C-25) = 9.01 m³
Área de forma = 138.60 m²

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TEL. (016) 999978248

Estrutural - Vigas

CONSTRUÇÃO - COMERCIAL