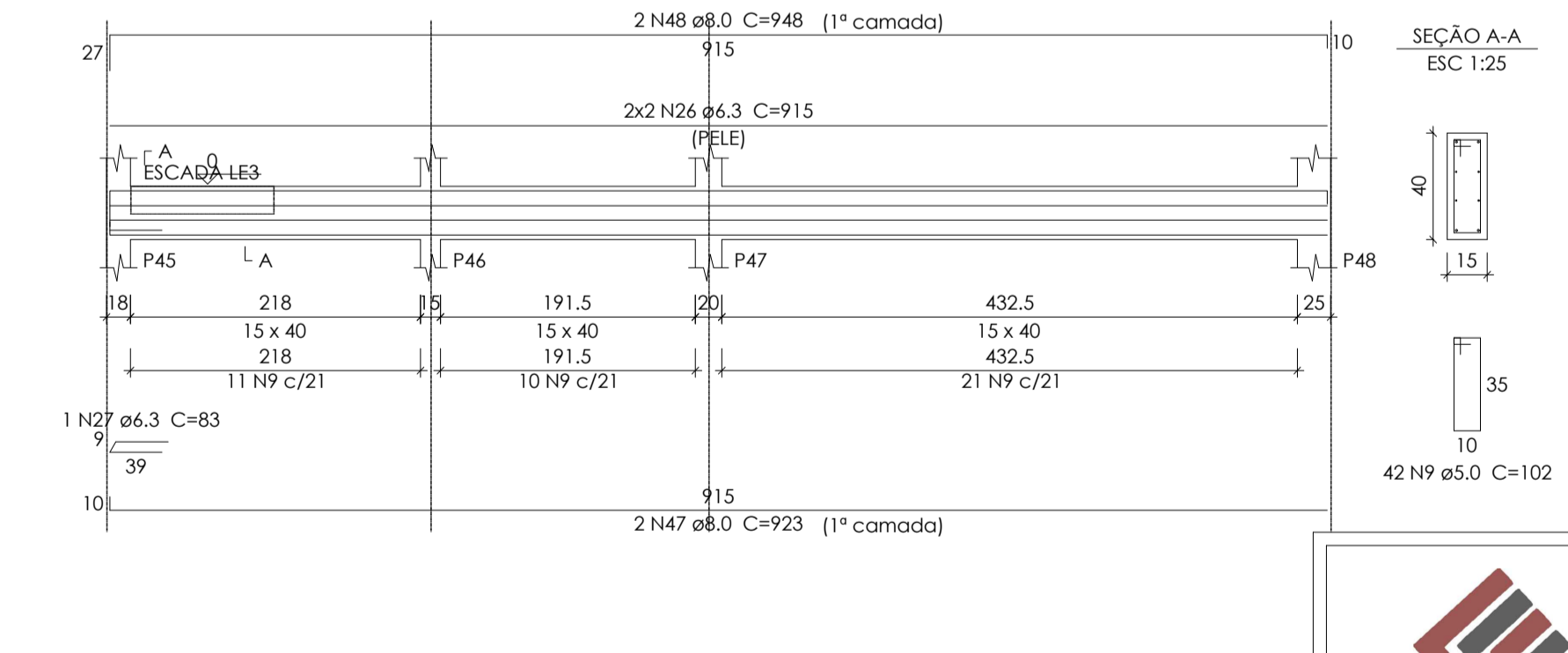
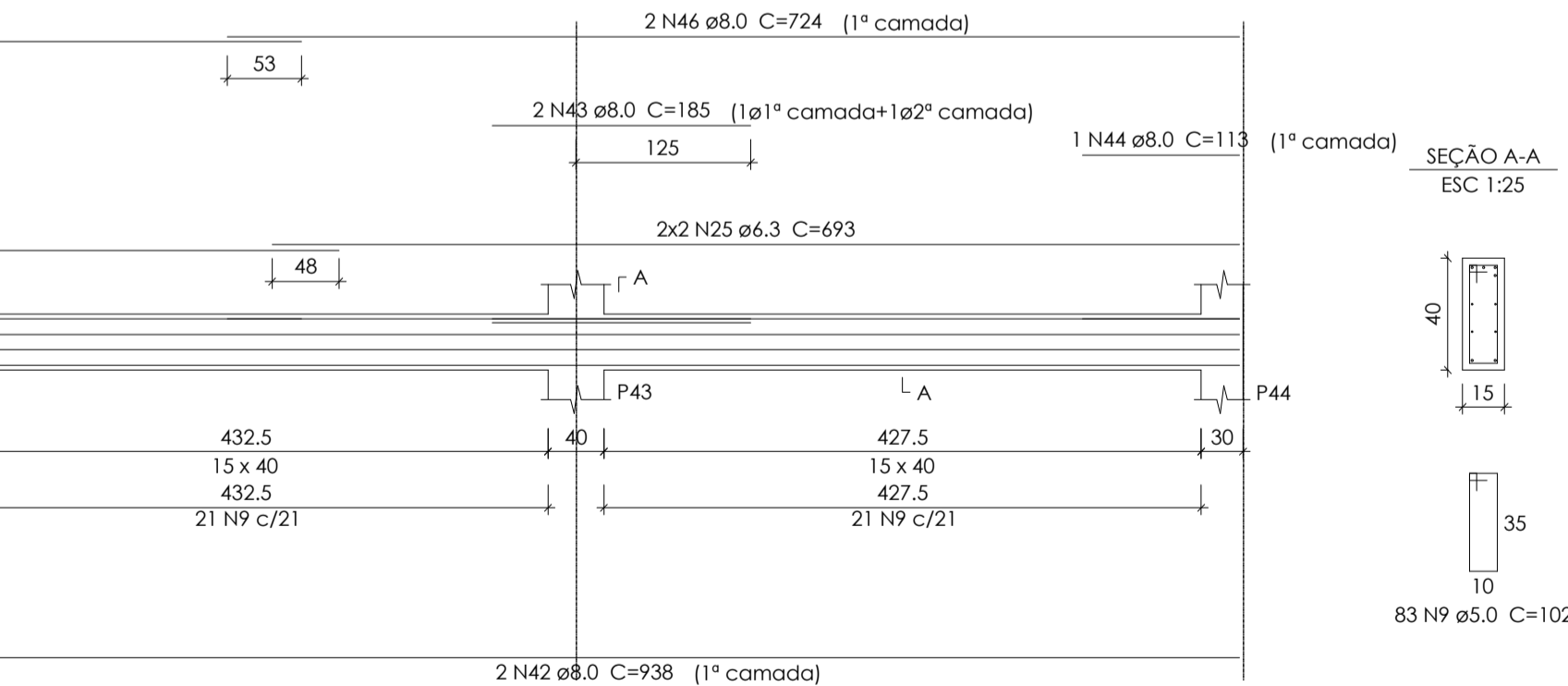
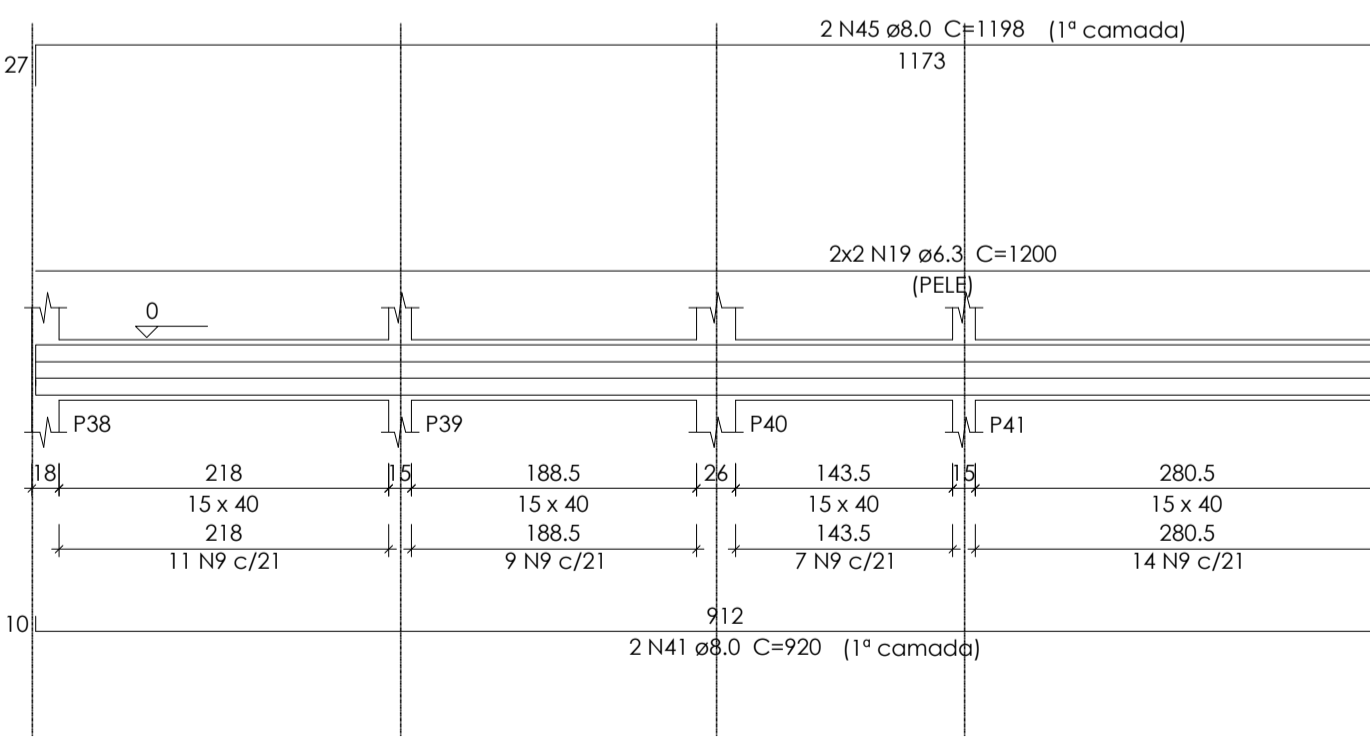
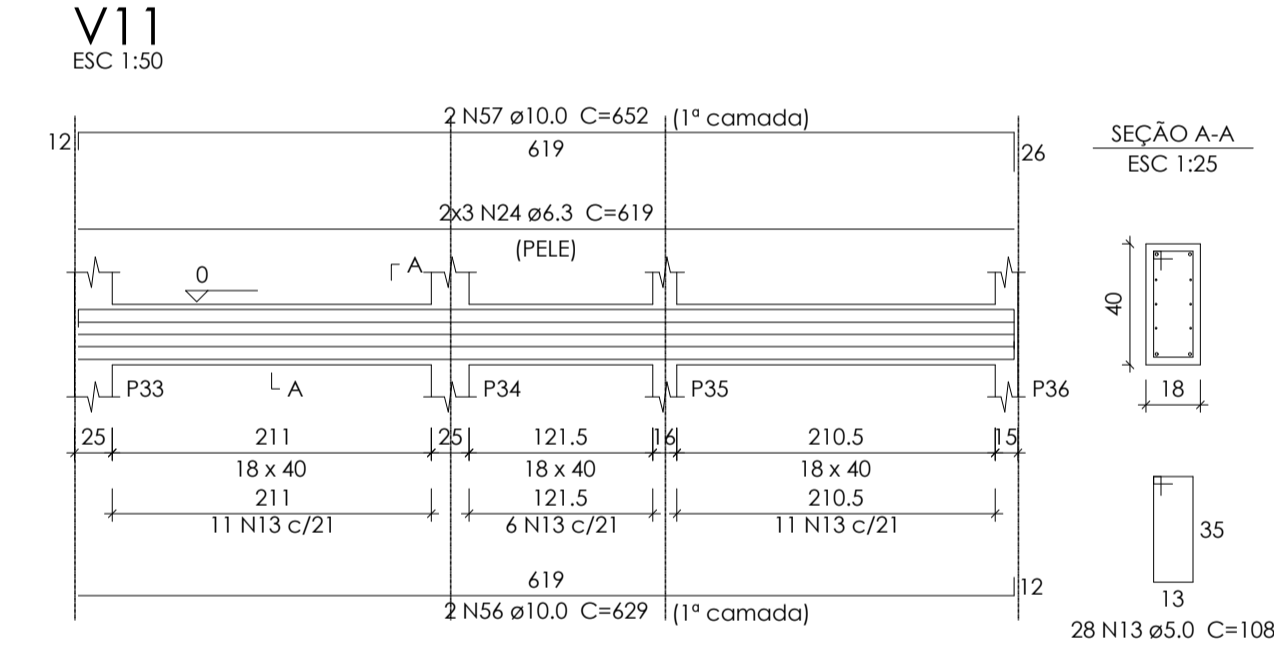
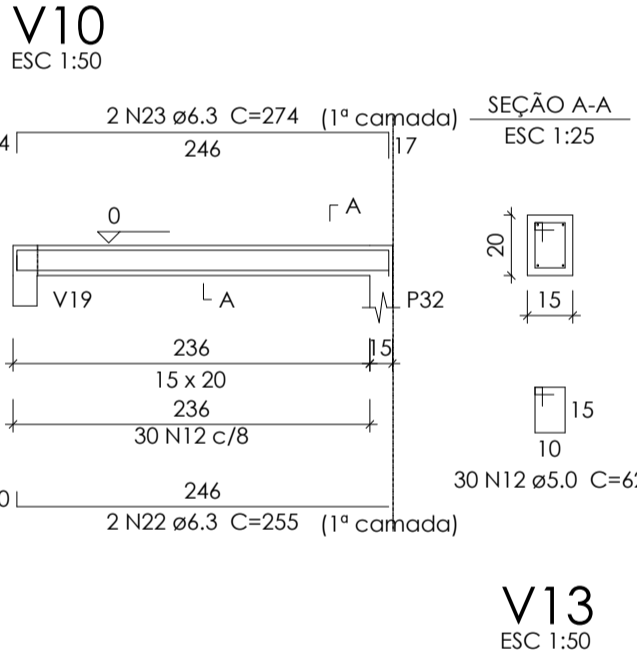
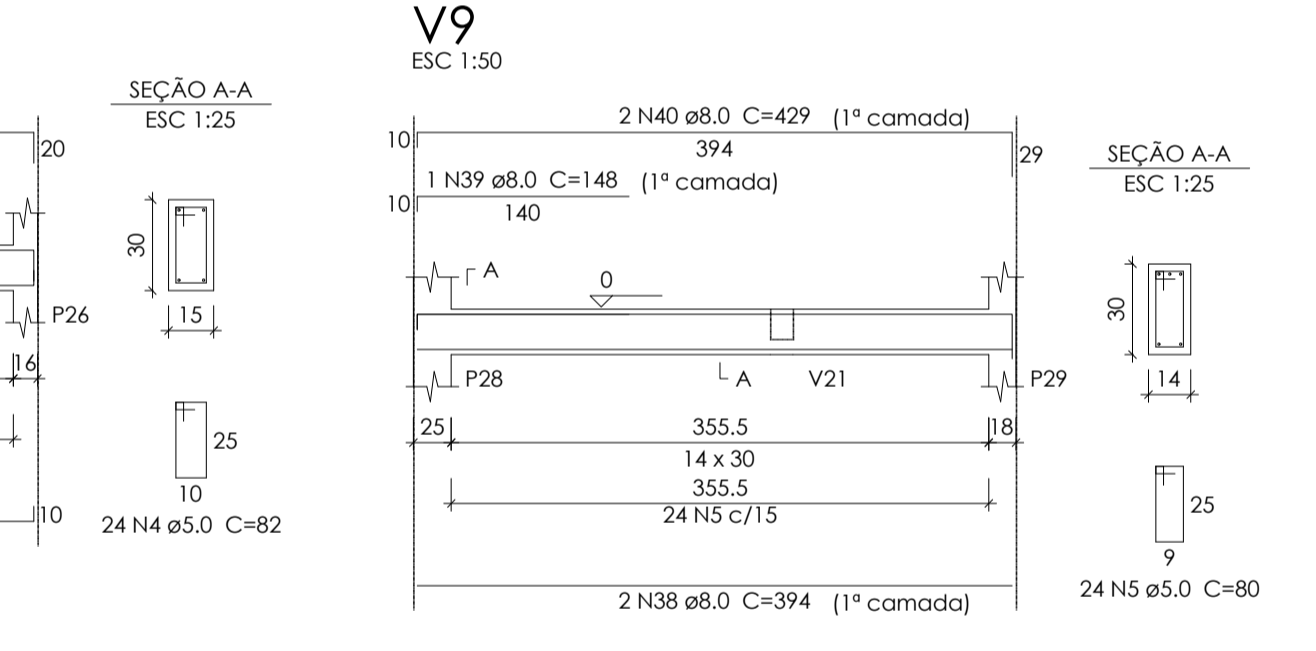
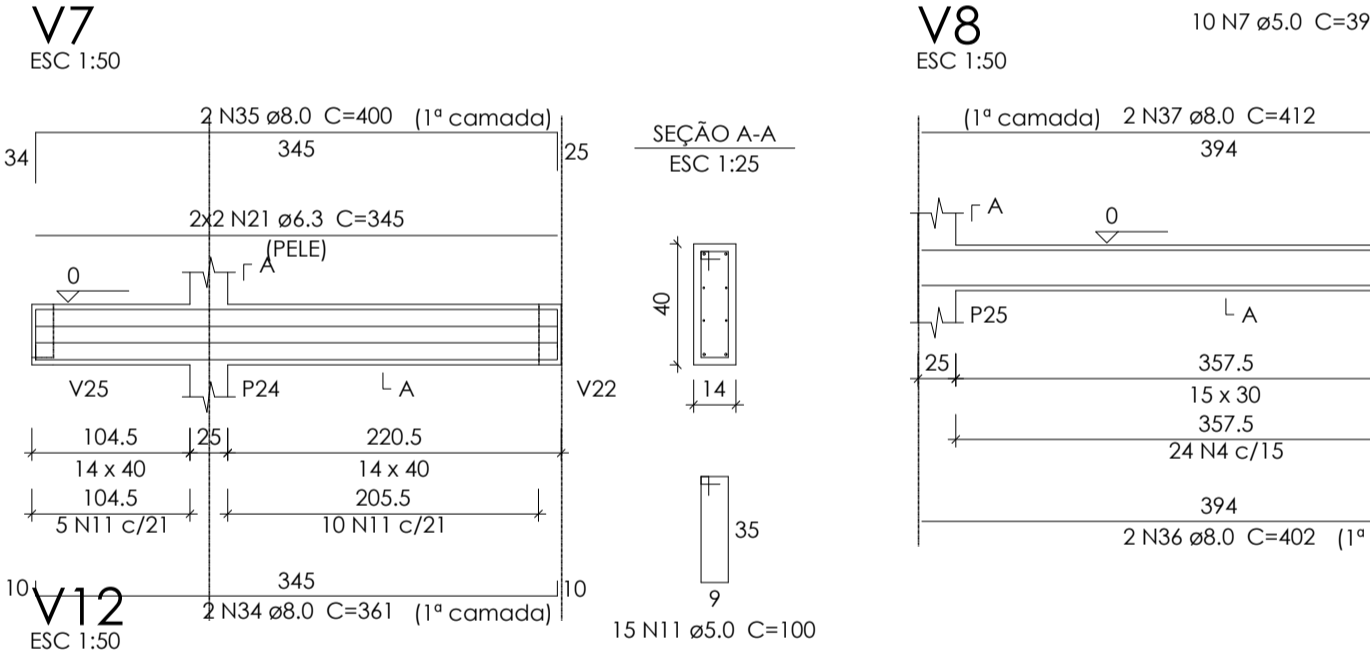
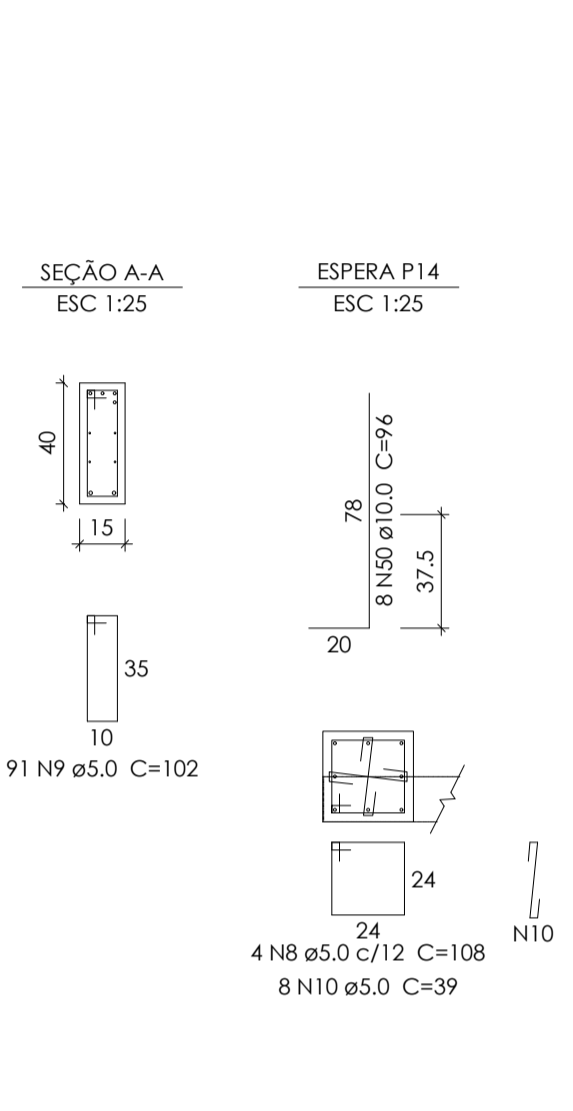
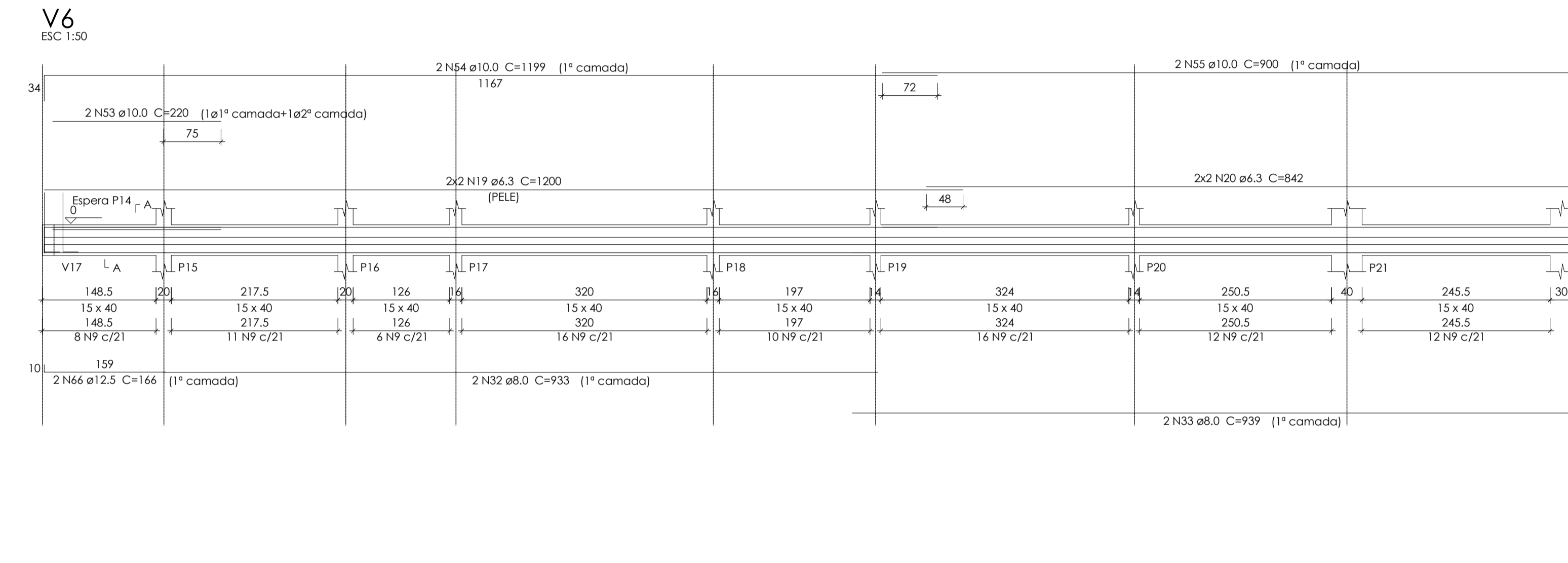
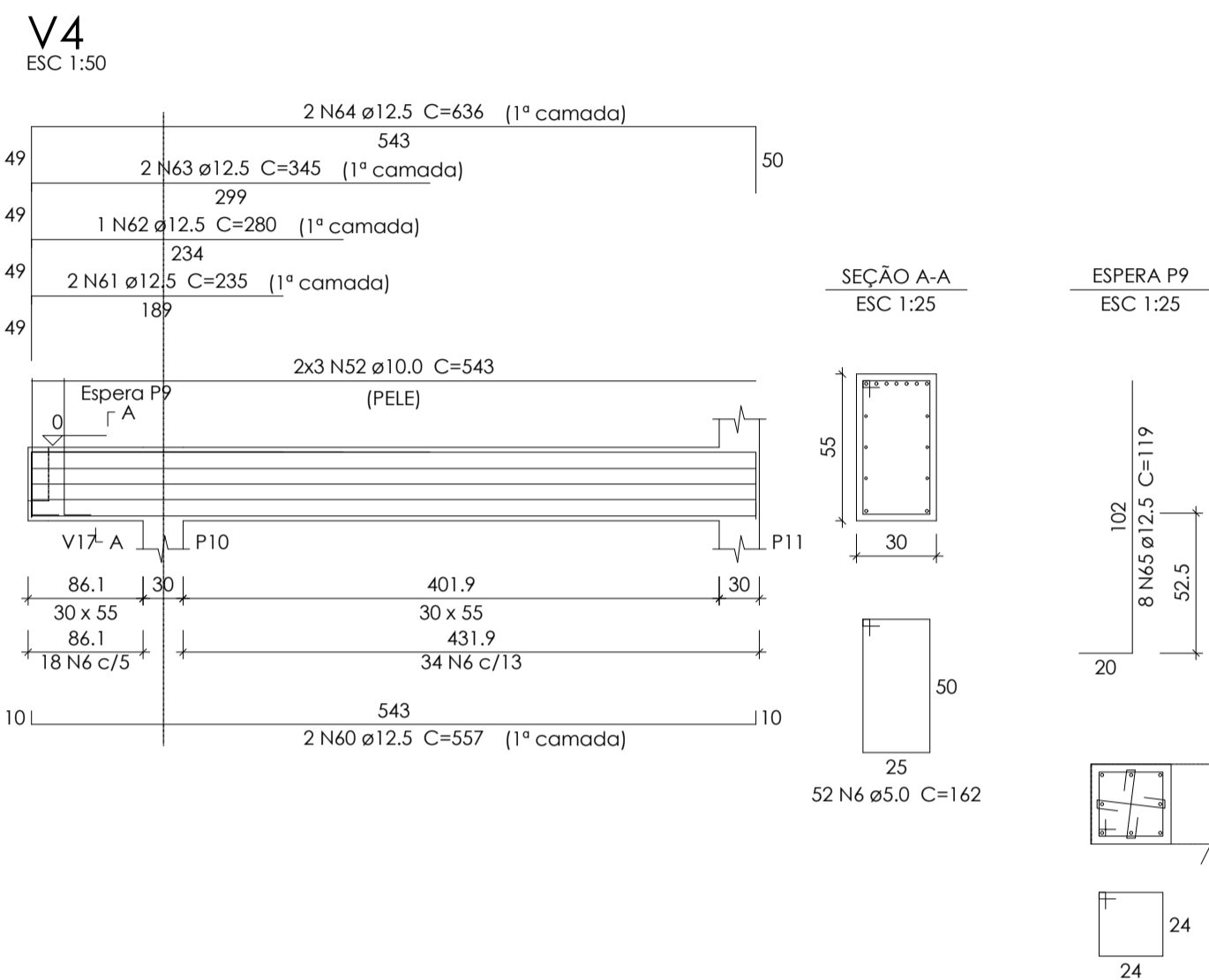


Relação do aço

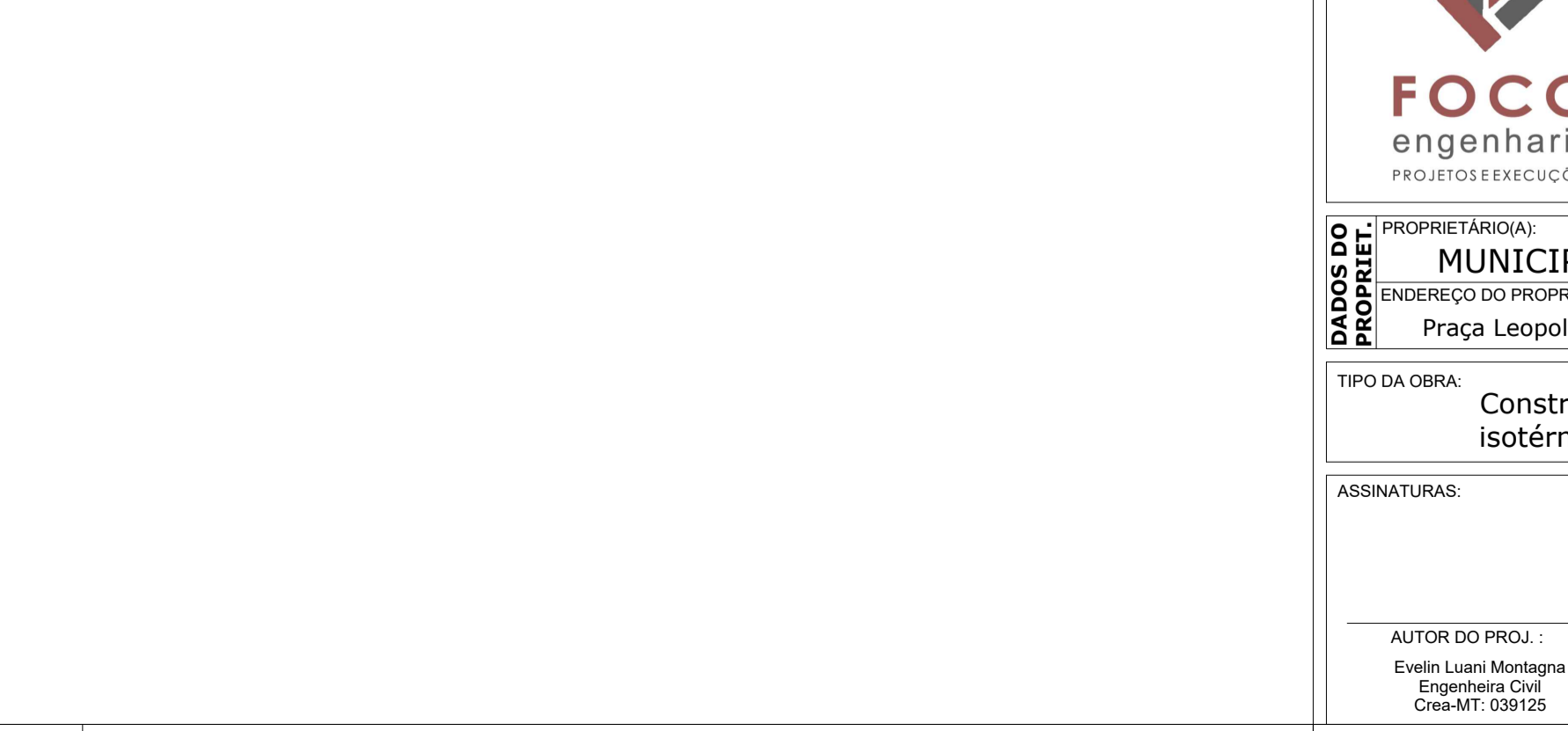
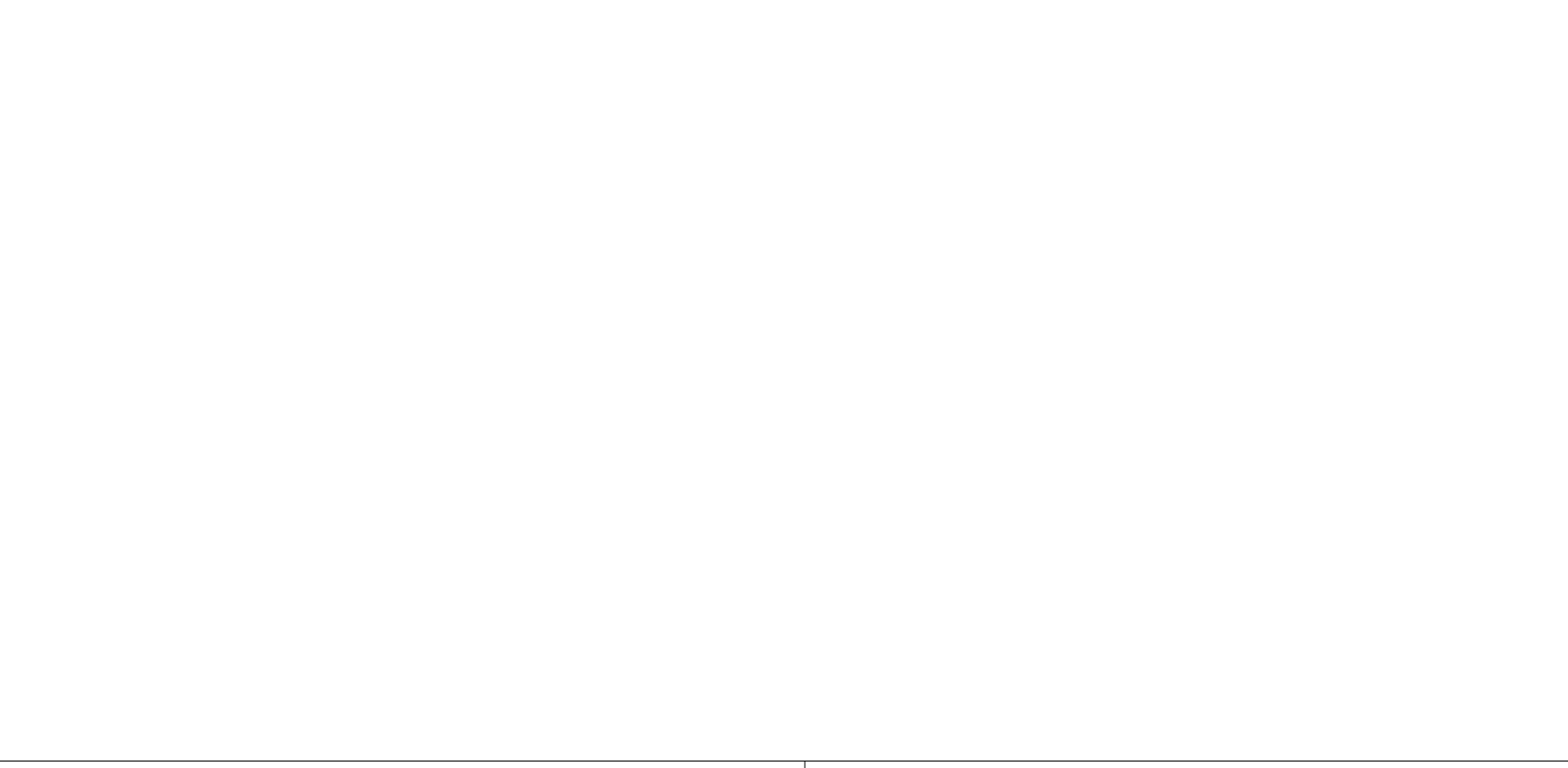
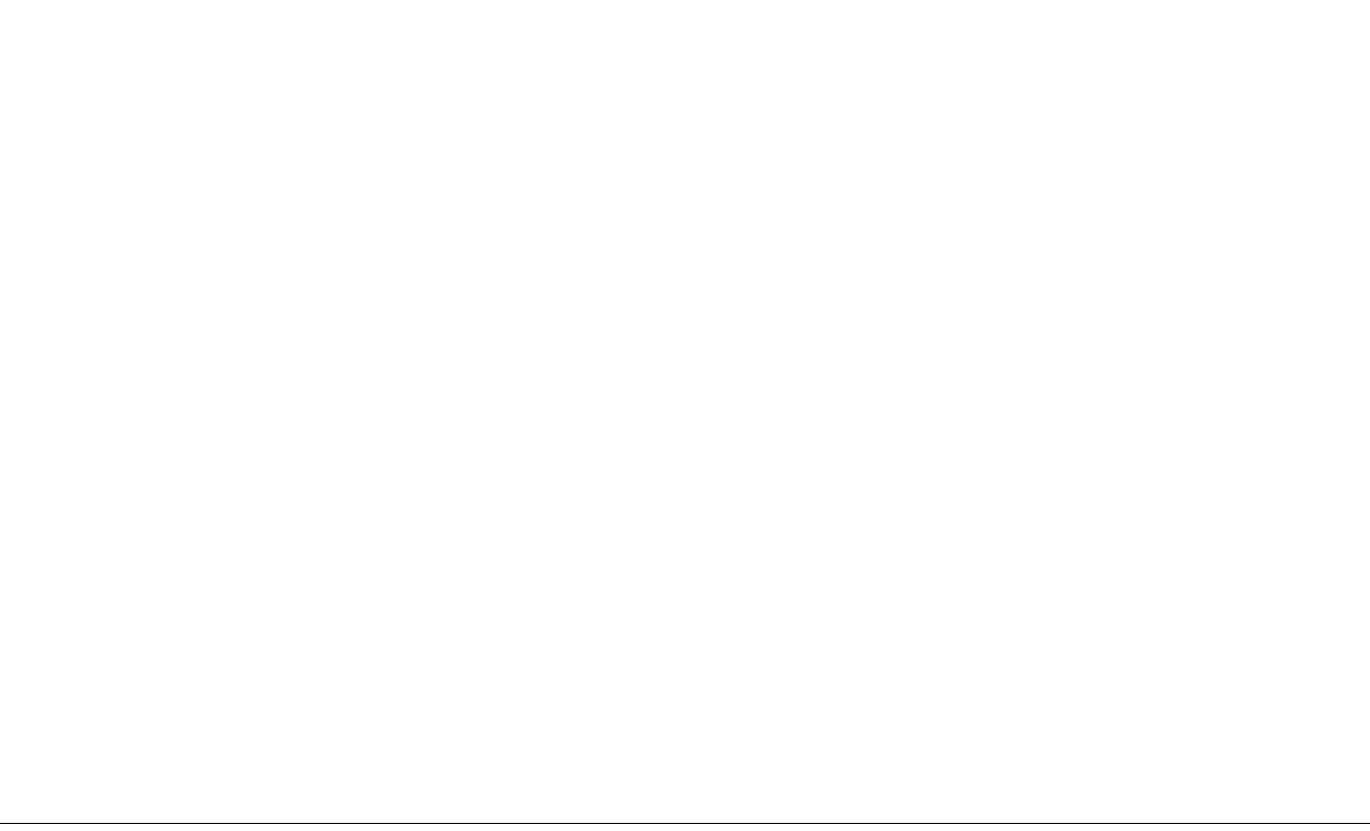
CAÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	26	104	2704
	2	5.0	4	88	352
	3	5.0	33	122	4026
	4	5.0	79	82	6478
	5	5.0	36	80	2880
	6	5.0	52	162	8424
	7	5.0	10	39	390
	8	5.0	9	108	972
	9	5.0	216	102	22032
	11	5.0	8	39	312
	11	5.0	15	100	1500
	12	5.0	30	62	1860
	13	5.0	28	108	3024
CA50	14	6.3	14	543	7602
	15	6.3	1	186	186
	16	6.3	1	217	217
	17	6.3	1	183	183
	18	6.3	2	895	1790
	19	6.3	8	1200	9600
	20	6.3	4	842	3368
	21	6.3	4	345	1380
	22	6.3	2	255	510
	23	6.3	2	274	548
	24	6.3	6	619	3714
	25	6.3	4	693	2772
	26	6.3	4	915	3660
27	6.3	1	83	83	
28	8.0	2	551	1102	
29	8.0	2	931	1862	
30	8.0	2	222	444	
31	8.0	2	230	460	
32	8.0	2	933	1866	
33	8.0	2	939	1878	
34	8.0	2	361	722	
35	8.0	2	400	800	
36	8.0	2	402	804	
37	8.0	2	412	824	
38	8.0	2	394	788	
39	8.0	1	148	148	
40	8.0	2	429	858	
41	8.0	2	920	1840	
42	8.0	2	938	1876	
43	8.0	2	185	370	
44	8.0	1	113	113	
45	8.0	2	1198	2396	
46	8.0	2	724	1448	
47	8.0	2	923	1846	
48	8.0	2	948	1896	
49	10.0	2	584	1168	
50	10.0	12	96	1152	
51	10.0	2	560	1120	
52	10.0	6	543	3258	
53	10.0	2	220	440	
54	10.0	2	1199	2398	
55	10.0	2	900	1800	
56	10.0	2	629	1258	
57	10.0	2	652	1304	
58	12.5	2	225	450	
59	12.5	2	605	1210	
60	12.5	2	557	1114	
61	12.5	2	235	470	
62	12.5	1	280	280	
63	12.5	2	345	690	
64	12.5	2	636	1272	
65	12.5	8	119	952	
66	12.5	2	166	332	



Resumo do aço

CAÇO	DIAM	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	356.2	95.9
	8.0	243.5	105.7
	10.0	139	94.3
	12.5	67.7	71.7
CA60	5.0	549.6	93.2
PESO TOTAL			
CA50		367.5	
CA60		93.2	

Vol. de concreto total (C=25) = 6.23 m³
Área de forma total = 89.14 m²





Construção câmara de vereadores

Vigas Baldrame

TÍTULO: **Construção câmara de vereadores**

PROJETO: **Vigas Baldrame**

FOLHA: **03/30**

DATA: **12/11/21**

DADOS DO PROPRIETÁRIO(A): **MUNICÍPIO DE PORTO DOS GAÚCHOS** CPF / CNPJ: **03.204.187/0001-33**

ENDEREÇO DO PROPRIETÁRIO(A): **Praça Leopoldina Wilke 19, Centro - Porto dos Gaúchos - MT** TELEFONE: **(66)3526-2000**

TIPO DA OBRA: **Construção comercial em alvenaria, forro de gesso e cobertura isotérmica**

ASSINATURAS:

AUTOR DO PROJ.: **Evelin Luani Montagna** Engenheira Civil Crea-MT: 039125

RESP. TÉCNICO: **Evelin Luani Montagna** Engenheira Civil Crea-MT: 039125

PROPRIETÁRIO(A): **Município de Porto dos Gaúchos** CNPJ: 03.204.187/0001-33