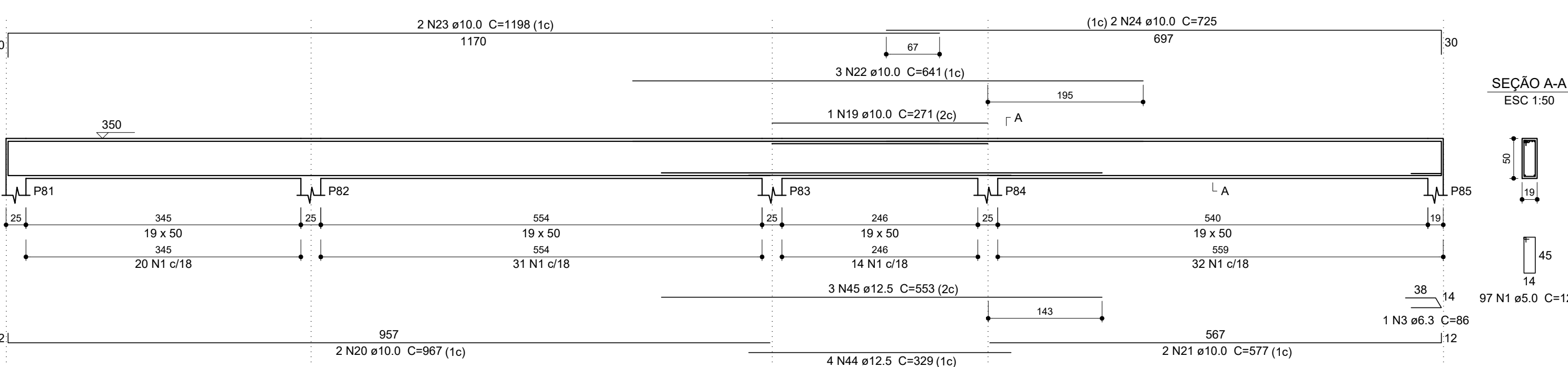
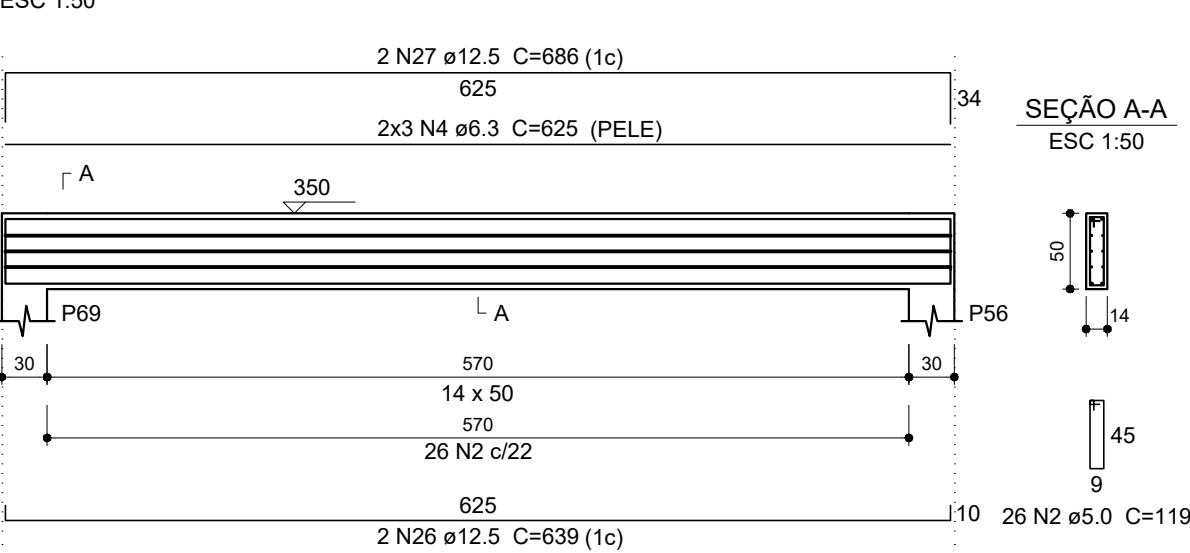


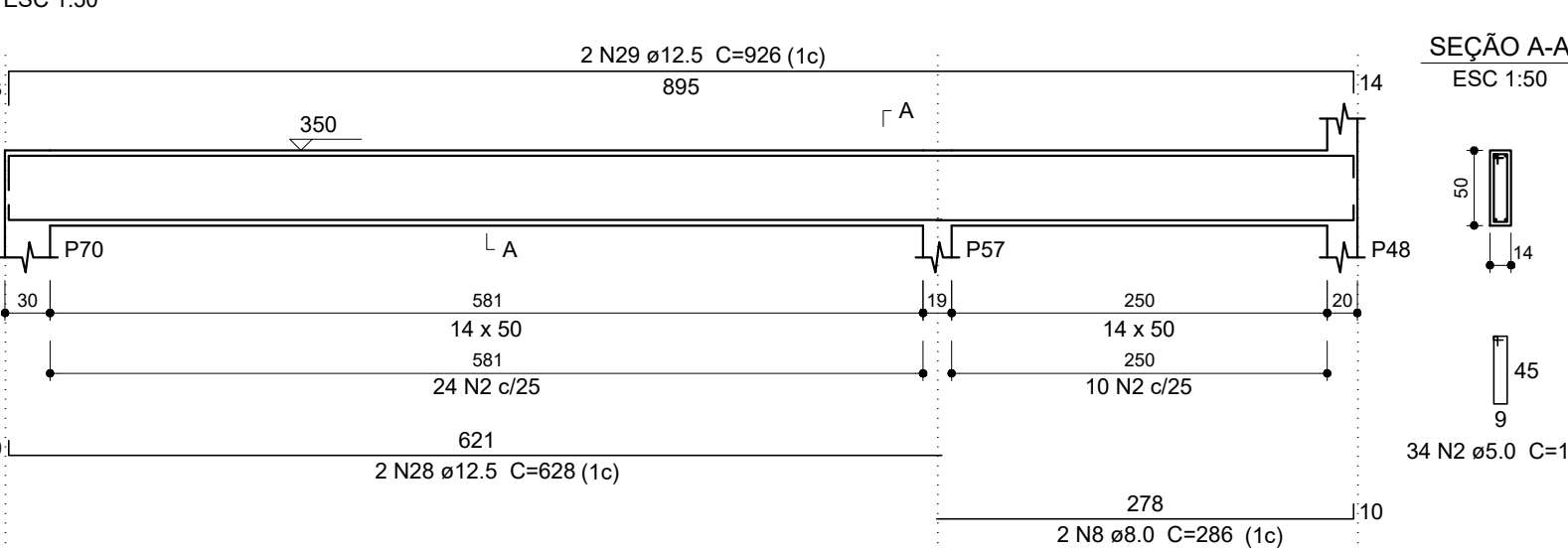
V2F6 (19 x 50)



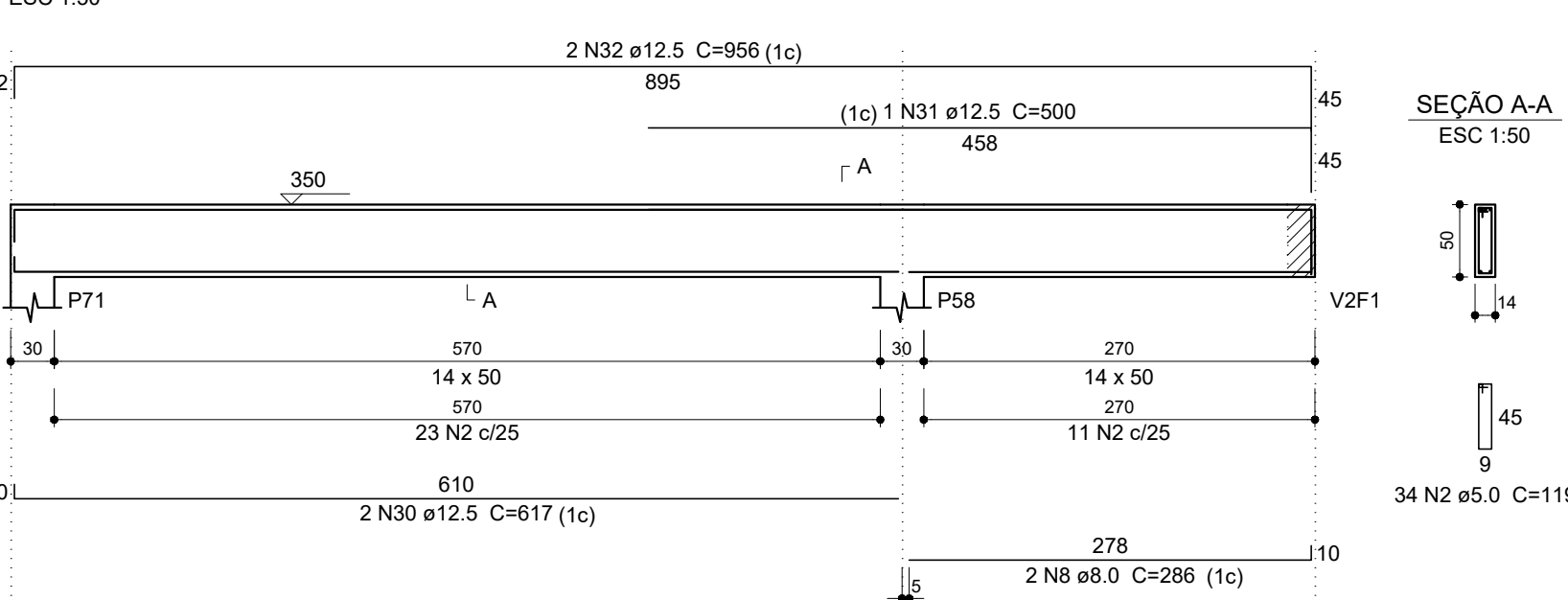
V2F11 (14 x 50)



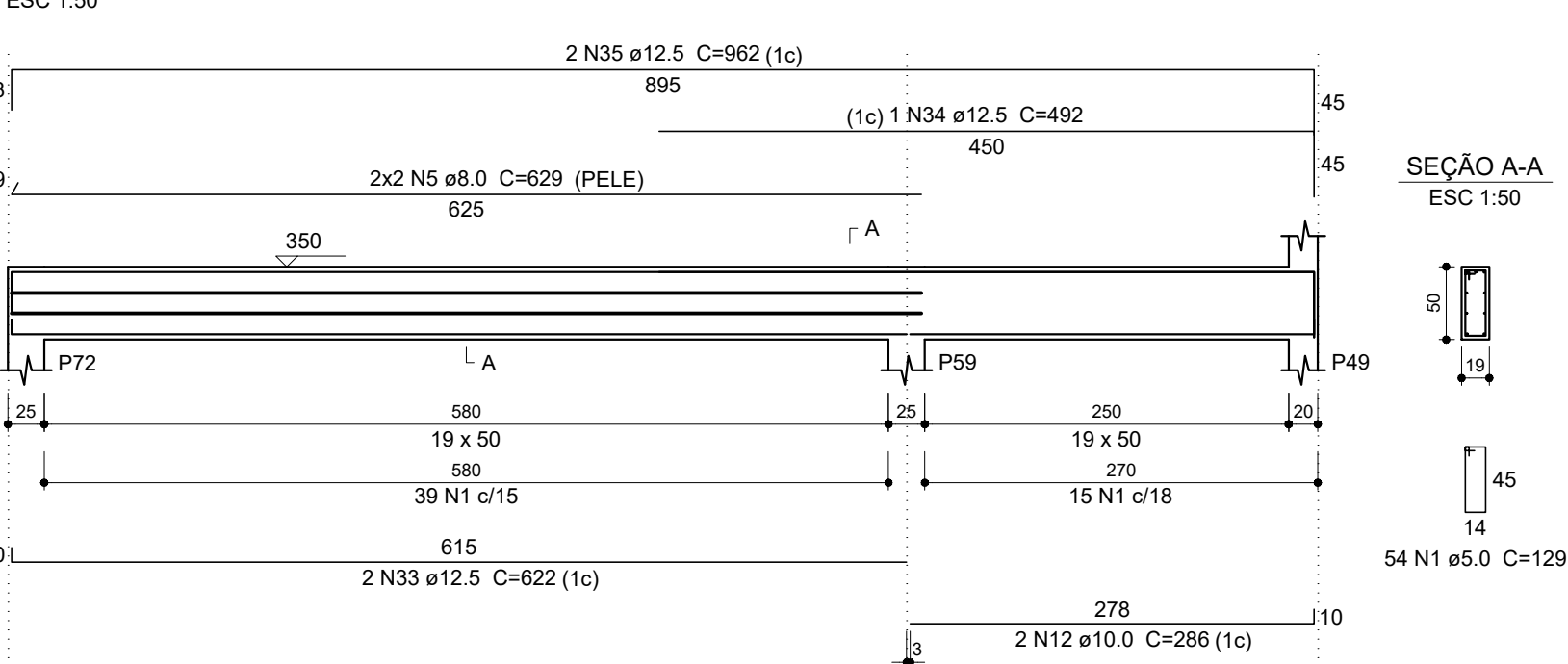
V2F12 (14 x 50)



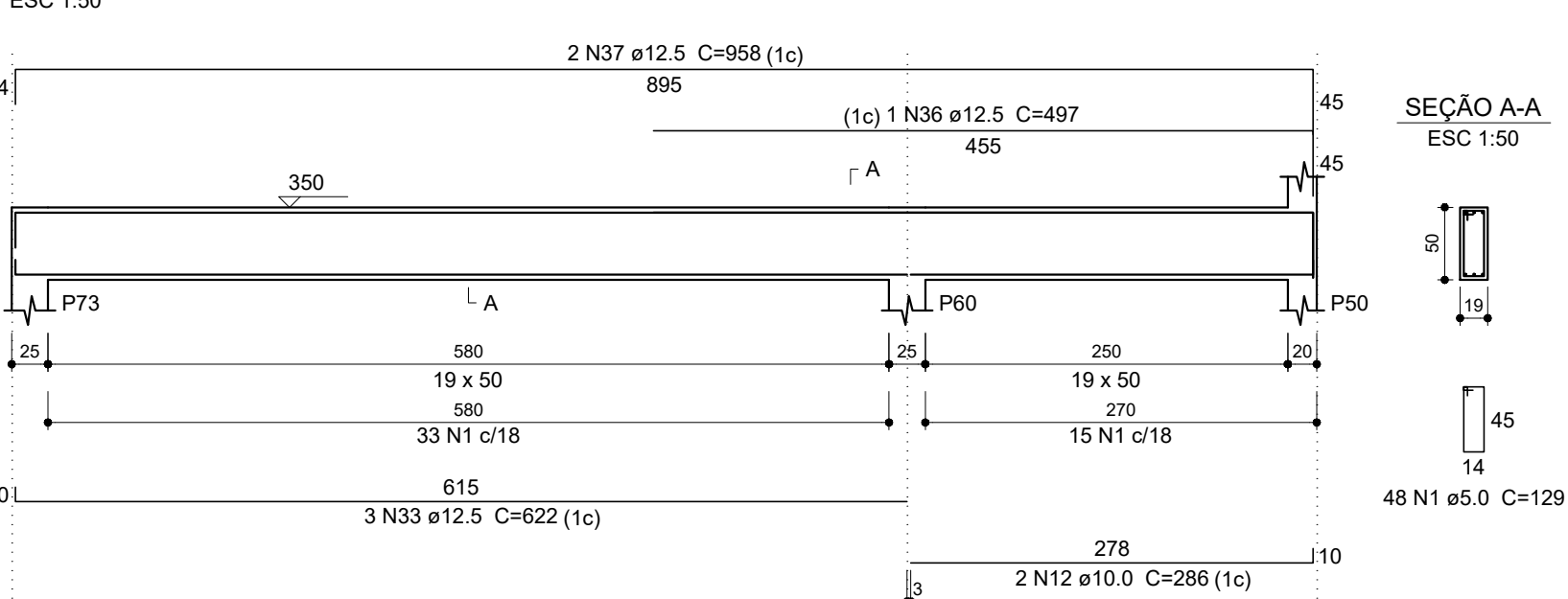
V2F14 (14 x 50)



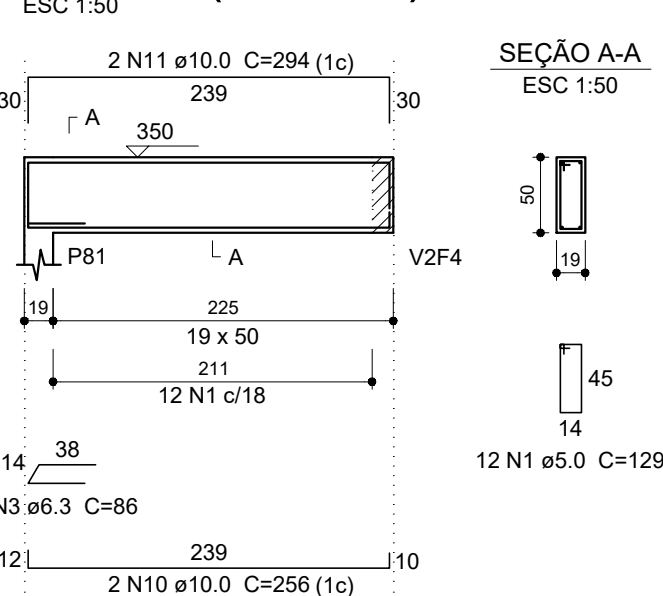
V2F16 (19 x 50)



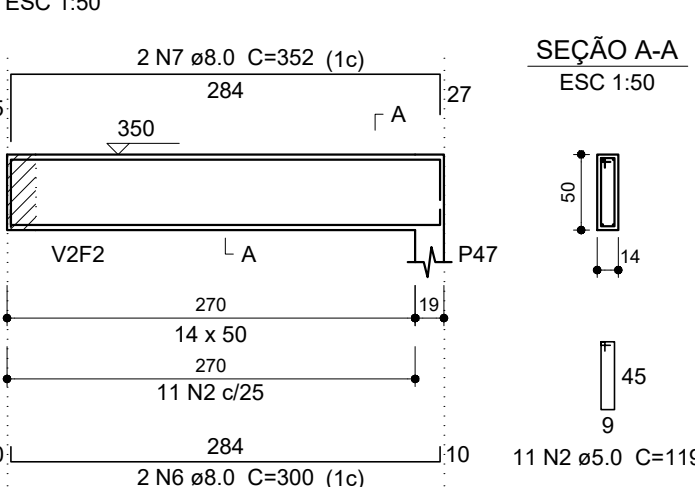
V2F17 (19 x 50)



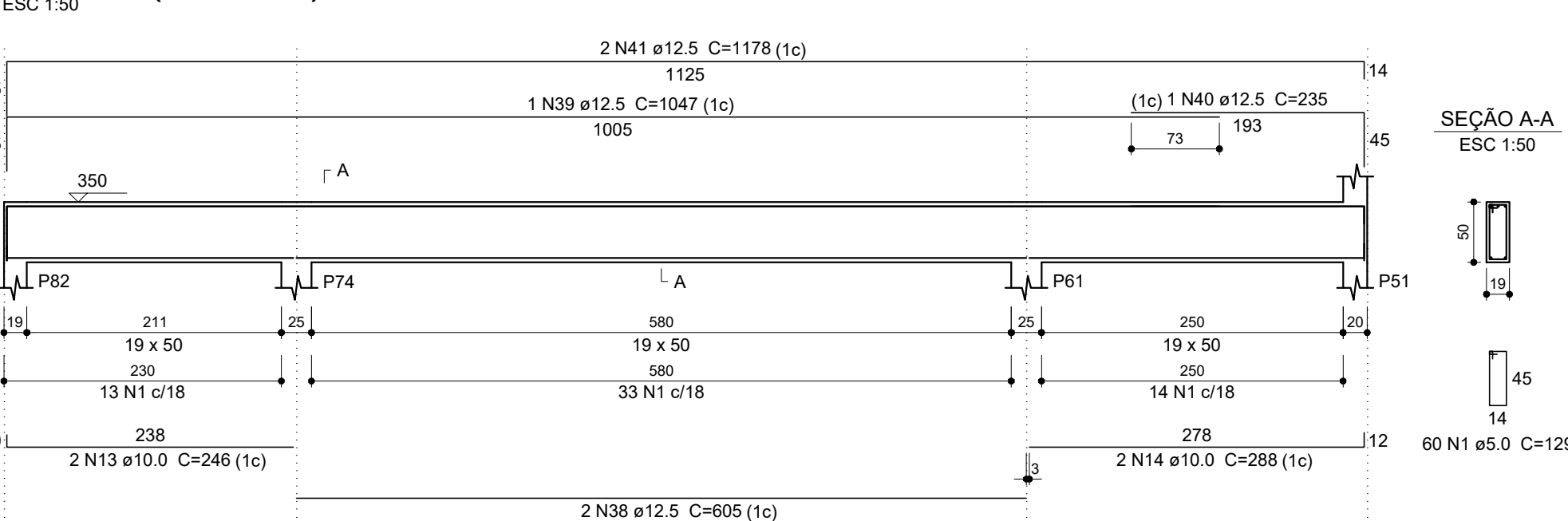
V2F18 (19 x 50)



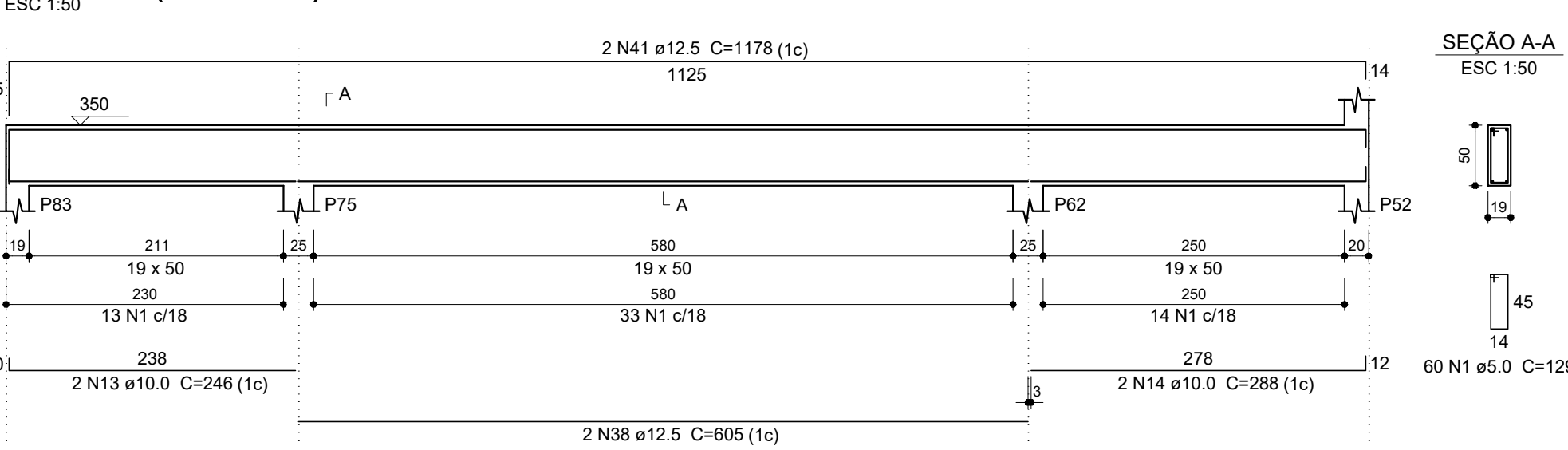
V2F9 (14 x 50)



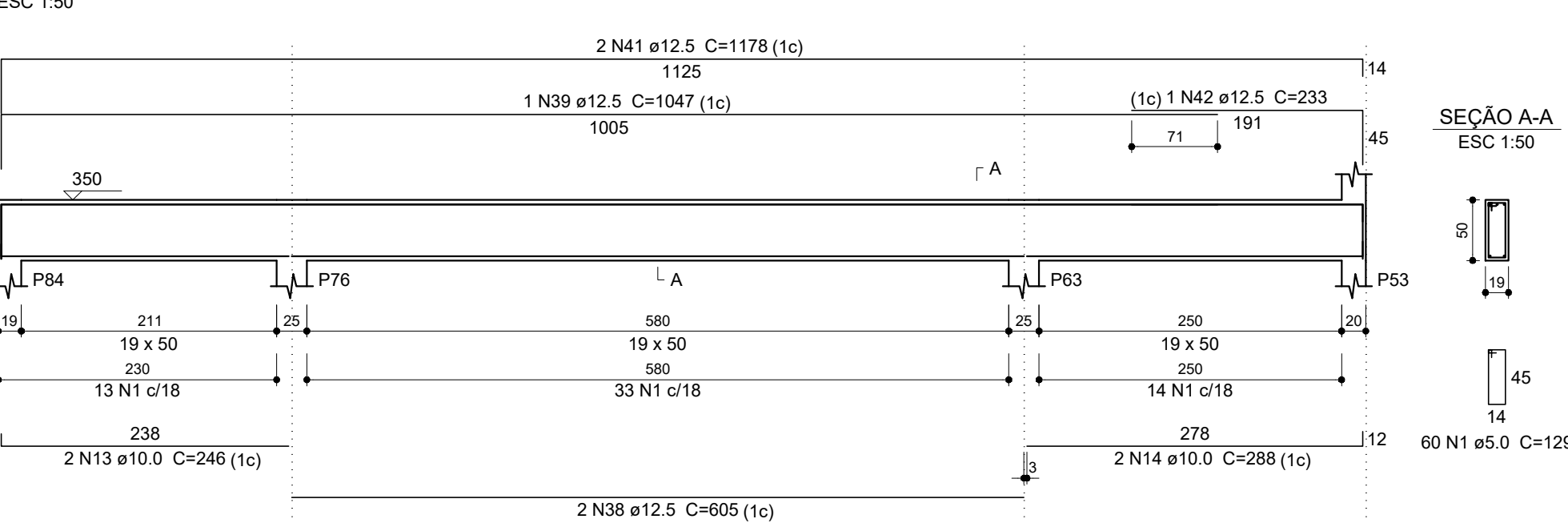
V2F19 (19 x 50)



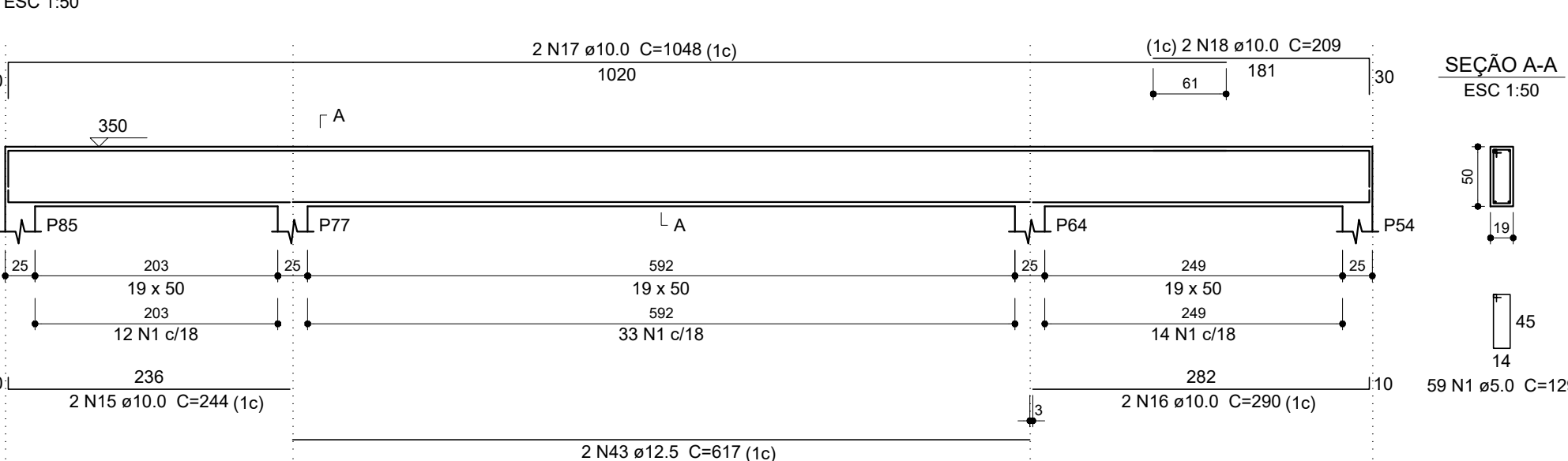
V2F20 (19 x 50)



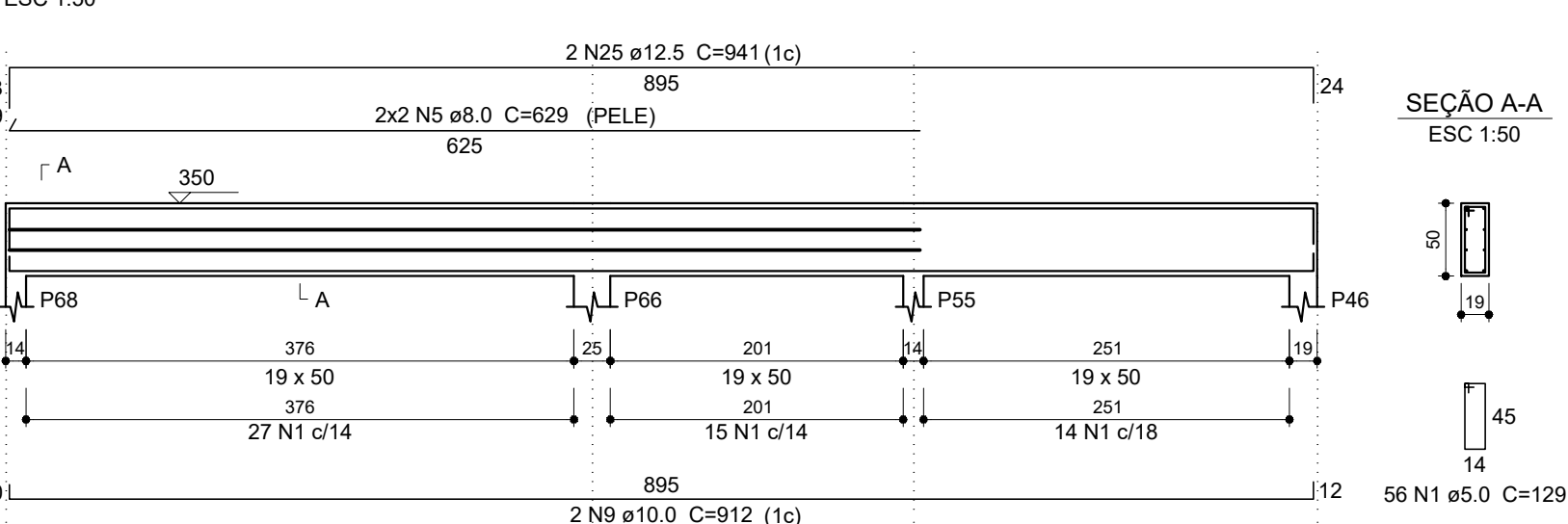
V2F21 (19 x 50)



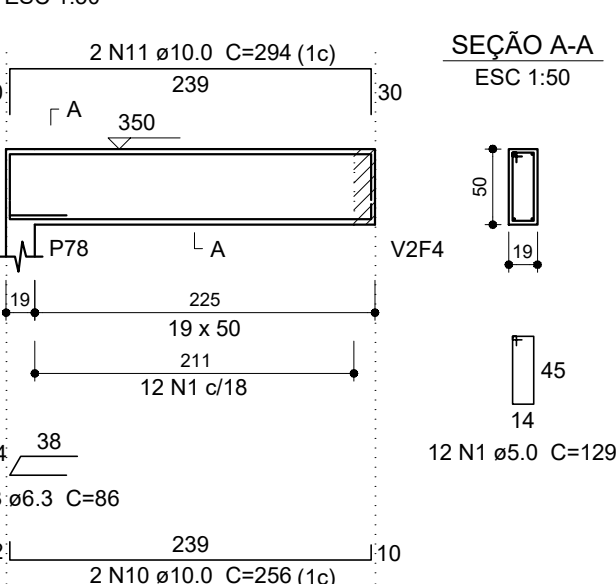
V2F22 (19 x 50)



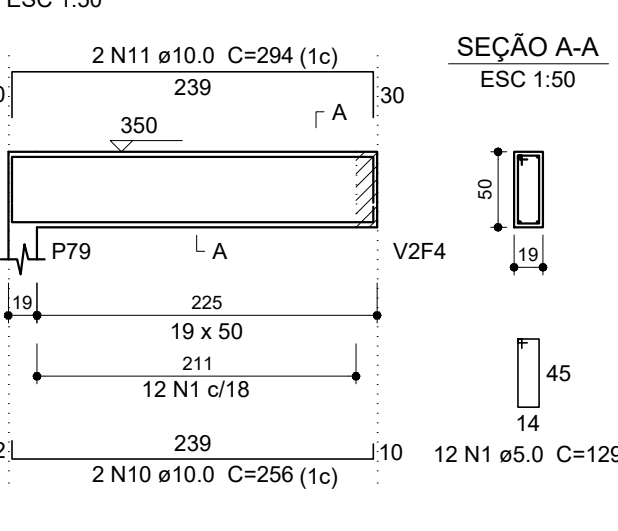
V2F8 (19 x 50)



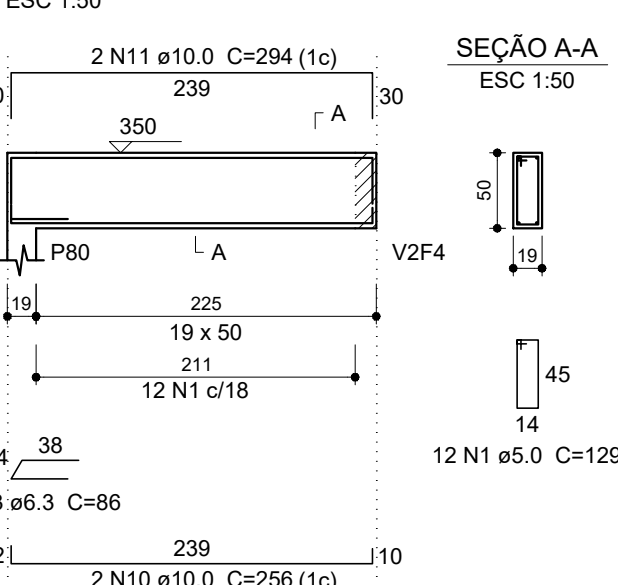
V2F10 (19 x 50)



V2F13 (19 x 50)



V2F15 (19 x 50)



Relação do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V2F6					
V2F10					
V2F13					
V2F16					
V2F18					
V2F22					
V2F8					
V2F11					
V2F12					
V2F15					
V2F17					
V2F21					
CA60	1	5.0	542	129	69918
CA50	2	5.0	105	119	12495
	3	6.3	4	86	344
	4	6.3	6	625	3750
	5	8.0	8	629	5032
	6	8.0	2	300	600
	7	8.0	2	352	704
	8	8.0	4	286	1144
	9	10.0	2	912	1824
	10	10.0	8	256	2048
	11	10.0	8	294	2352
	12	10.0	4	286	1144
	13	10.0	6	246	1476
	14	10.0	6	288	1728
	15	10.0	2	244	488
	16	10.0	2	290	580
	17	10.0	2	1048	2096
	18	10.0	2	209	418
	19	10.0	1	271	271
	20	10.0	2	967	1934
	21	10.0	2	577	1154
	22	10.0	3	641	1923
	23	10.0	2	1198	2396
	24	10.0	2	725	1450
	25	12.5	2	941	1882
	26	12.5	2	639	1278
	27	12.5	2	686	1372
	28	12.5	2	628	1256
	29	12.5	2	926	1852
	30	12.5	2	617	1234
	31	12.5	1	500	500
	32	12.5	2	956	1912
	33	12.5	5	622	3110
	34	12.5	1	492	492
	35	12.5	2	962	1924
	36	12.5	1	497	497
	37	12.5	2	958	1916
	38	12.5	6	605	3630
	39	12.5	2	1047	2094
	40	12.5	1	235	235
	41	12.5	6	1178	7068
	42	12.5	1	233	233
	43	12.5	2	617	1234
	44	12.5	4	329	1316
	45	12.5	3	553	1659

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	41	4	11
	8.0	74.8	7	32.5
	10.0	232.9	22	157.9
	12.5	367	34	388.8
CA60	5.0	824.2	76	139.7

PESO TOTAL (kg)	
CA50	590.2
CA60	139.7

Volume de concreto (C-30) = 10.54 m³
Área de forma = 108.1 m²



Contatos: (37) 3215 - 0267
E-mail: souzacamargos.projetos@gmail.com

RESPONSÁVEL TÉCNICO:

FELIPE HENRIQUE CAMARGOS
CREA: 248.394/D

RESPONSÁVEL PELA OBRA:

MUNICÍPIO DE IGARATINGA
CNPJ: 18.313.825/0001-21

PROJETO DE ESTRUTURA EM CONCRETO ARMADO E FUNDAÇÃO

CONTÉM: DETALHAMENTO VIGAS FORRO BLOCO 2: 2-2	ASSUNTO: PROJETO EXECUTIVO DE ESTRUTURA DE CONCRETO ARMADO E FUNDAÇÕES PARA O CEMEI ANA LUCINDA EM IGARATINGA, MUNICÍPIO DE MINAS GERAIS. LOCAL: PRAÇA MANOEL DE ASSIS, Nº 272 MUNICÍPIO: IGARATINGA/MG FINALIDADE: EDUCAÇÃO RESPONSÁVEL: MUNICÍPIO DE IGARATINGA CNPJ: 18.313.825/0001-21 ÁREA DO TERRENO: 1.605,28 m² ÁREA A CONSTRUIR: 1572,42 m² DESENHO: THALYS DE SOUZA C. DATA: 22/10/2024 REVISÃO: 01/2024	FOLHA: 24/37
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