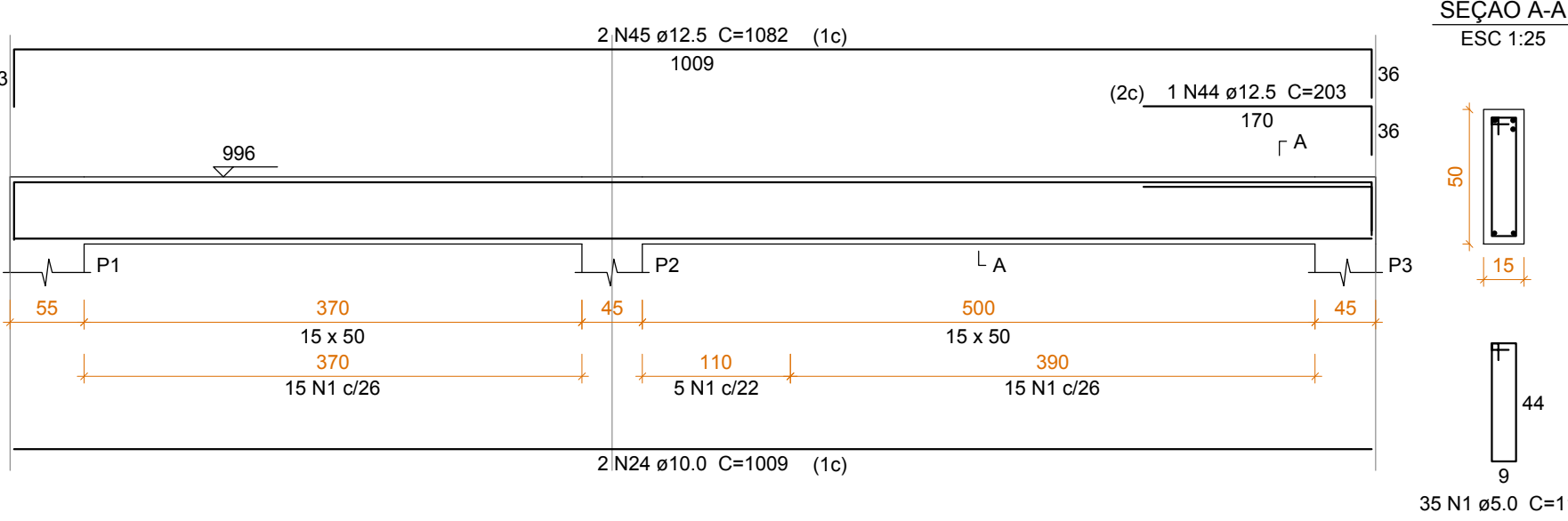


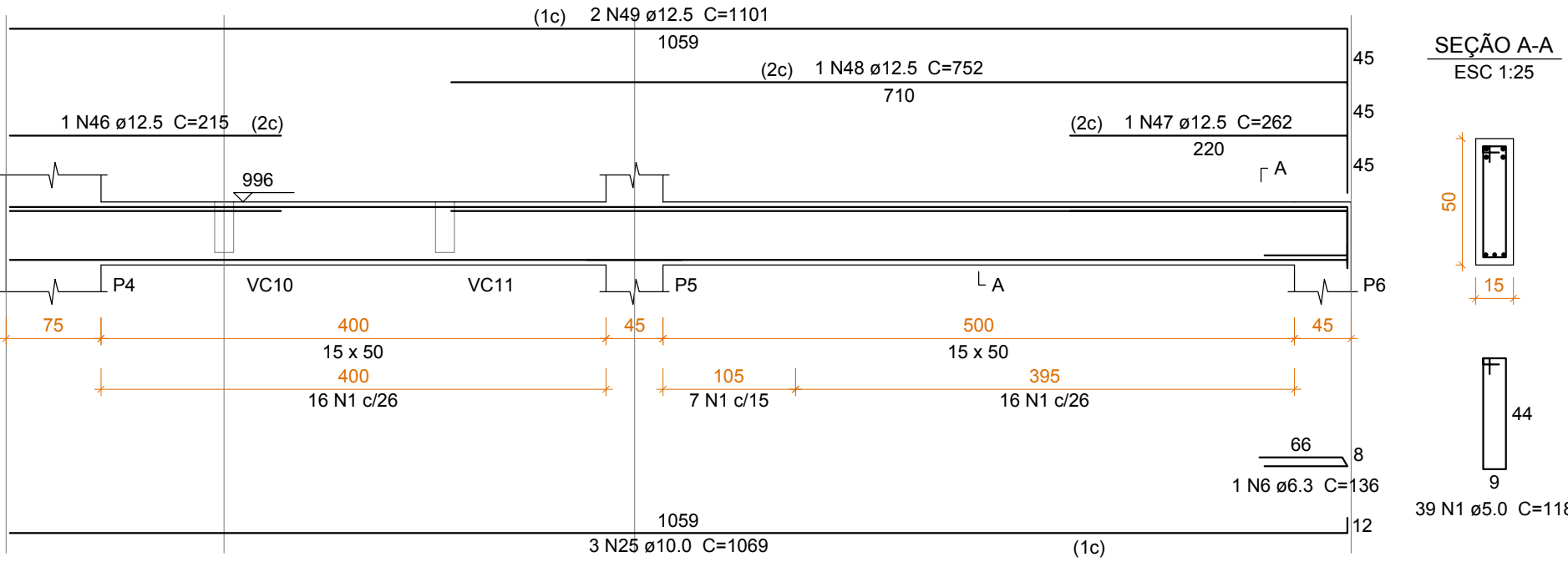
VC1

ESC 1:50



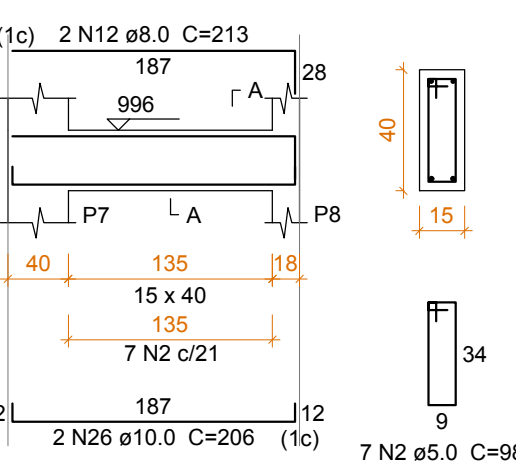
VC2

ESC 1:50



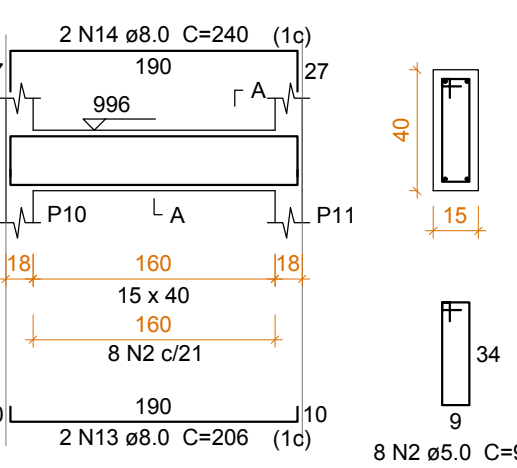
VC3

ESC 1:50



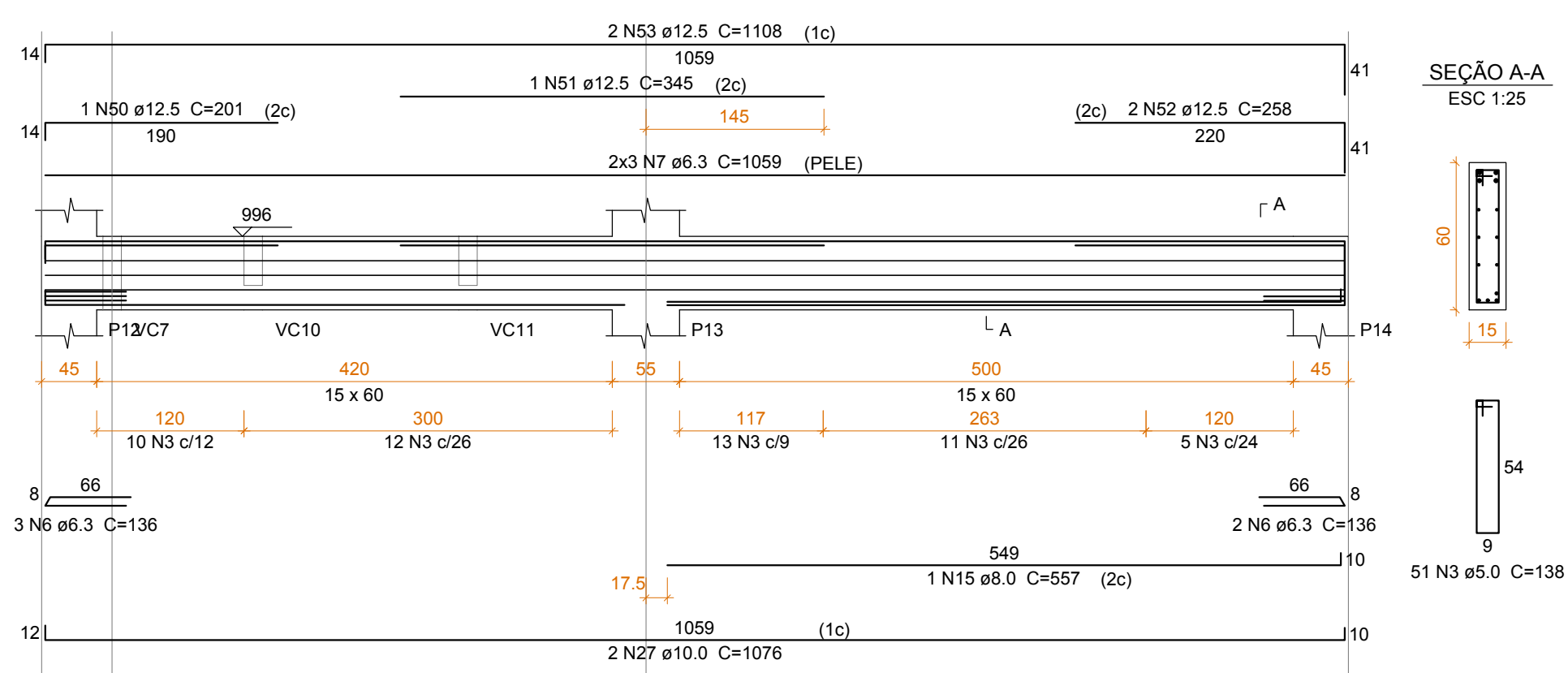
VC4

ESC 1:50



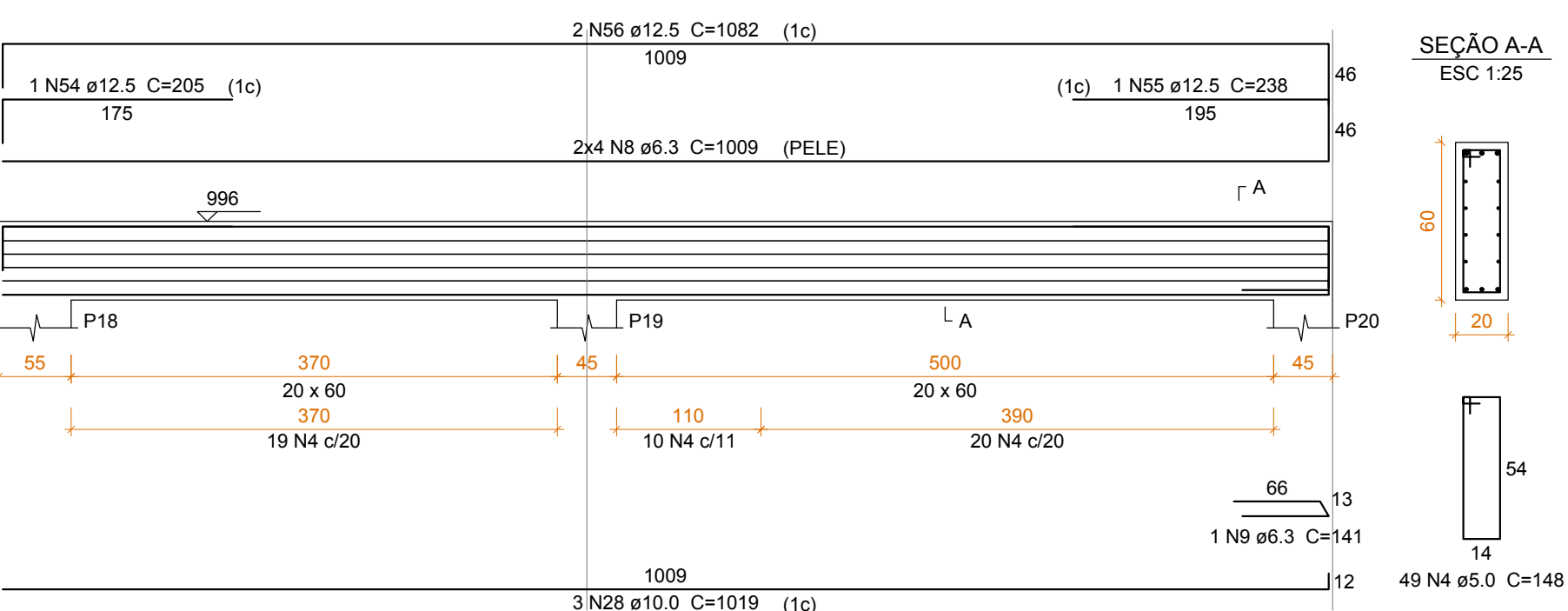
VC5

ESC 1:50



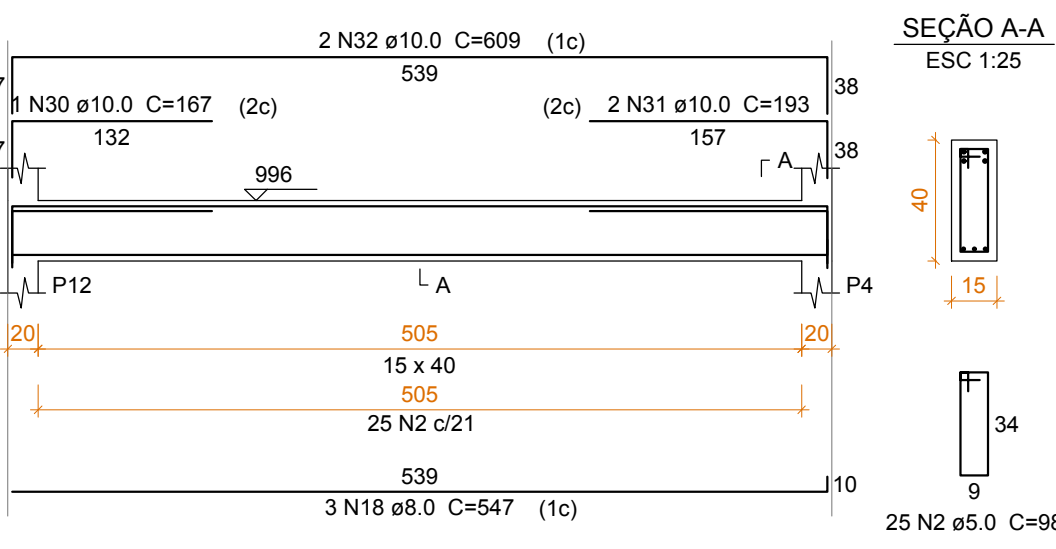
VC6

ESC 1:50



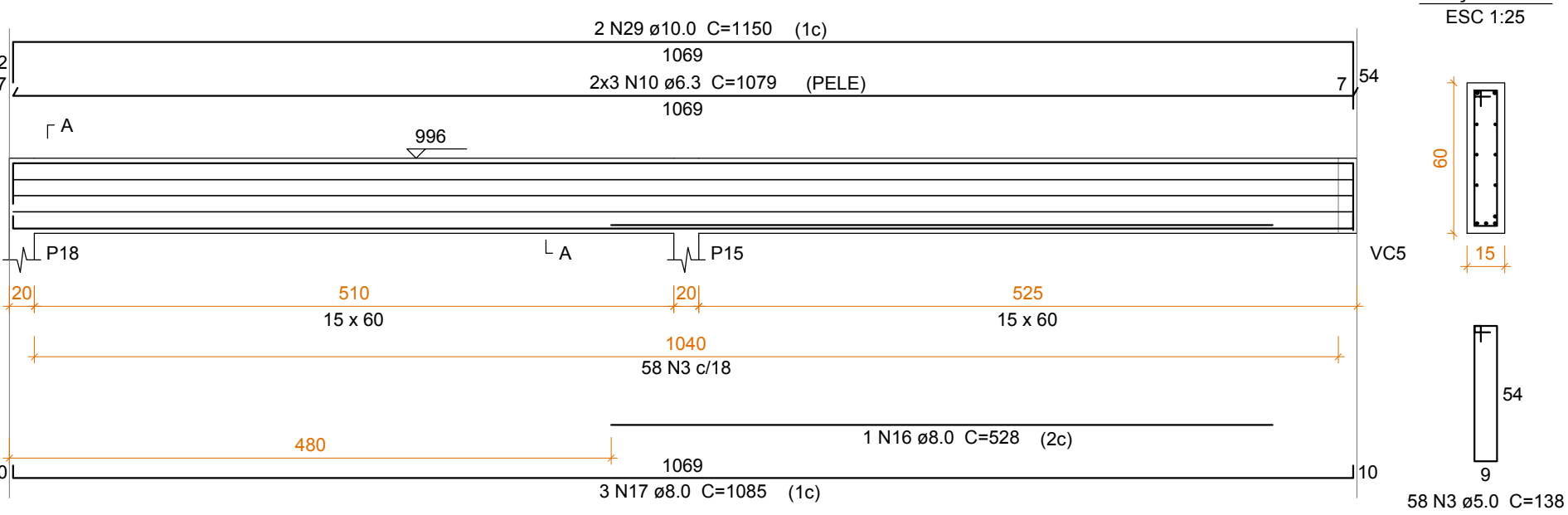
VC8

ESC 1:50



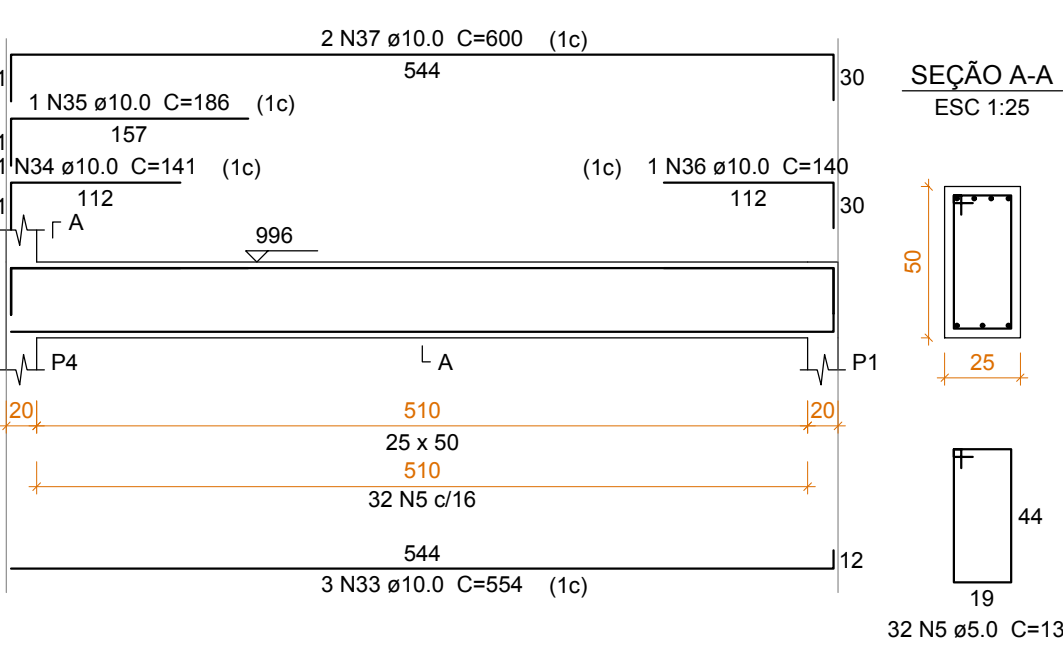
VC7

ESC 1:50



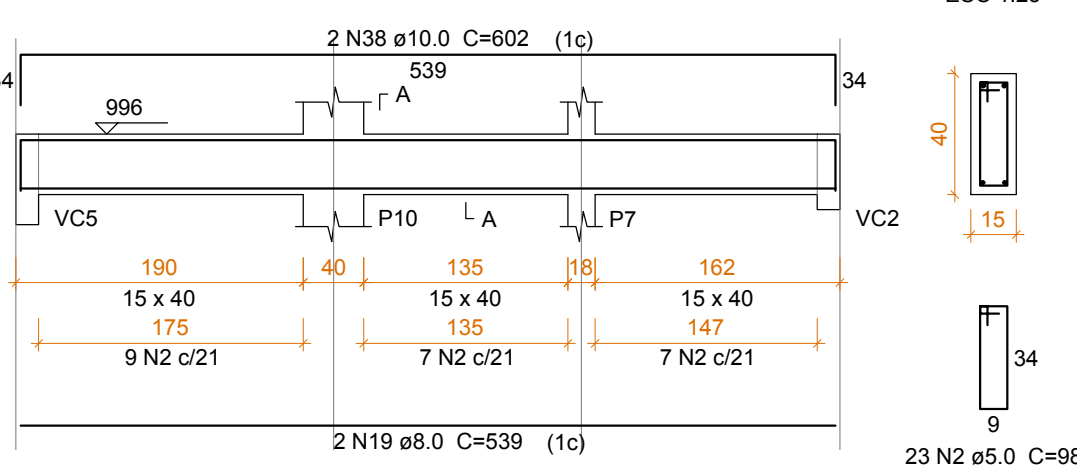
VC9

ESC 1:50



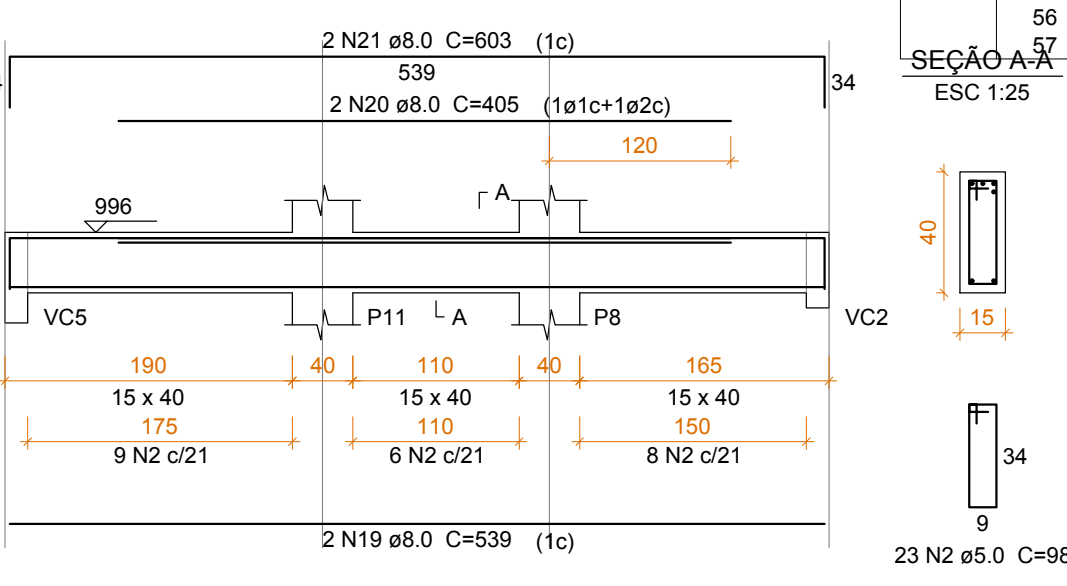
VC10

ESC 1:50



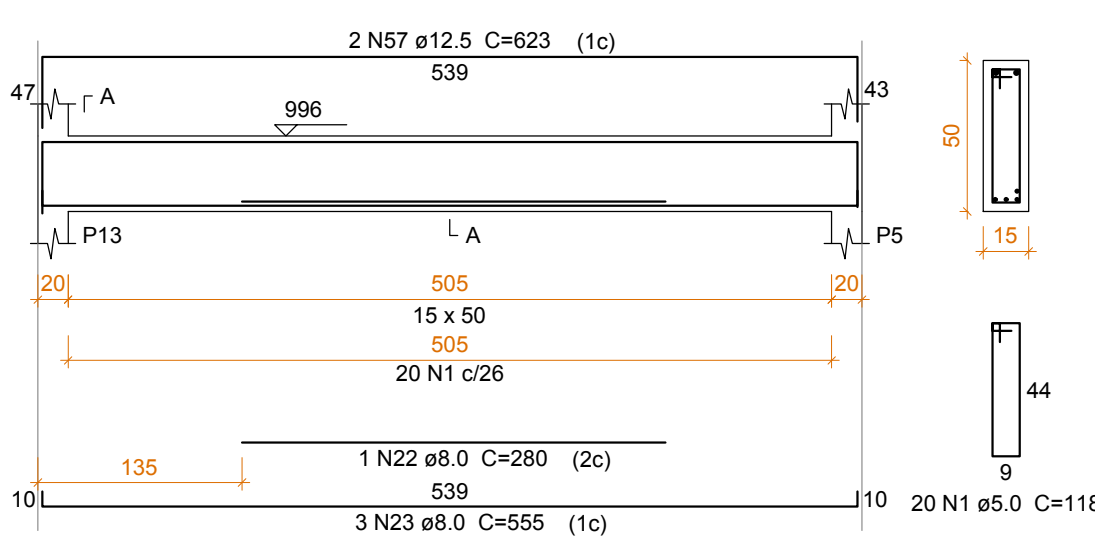
VC11

ESC 1:50



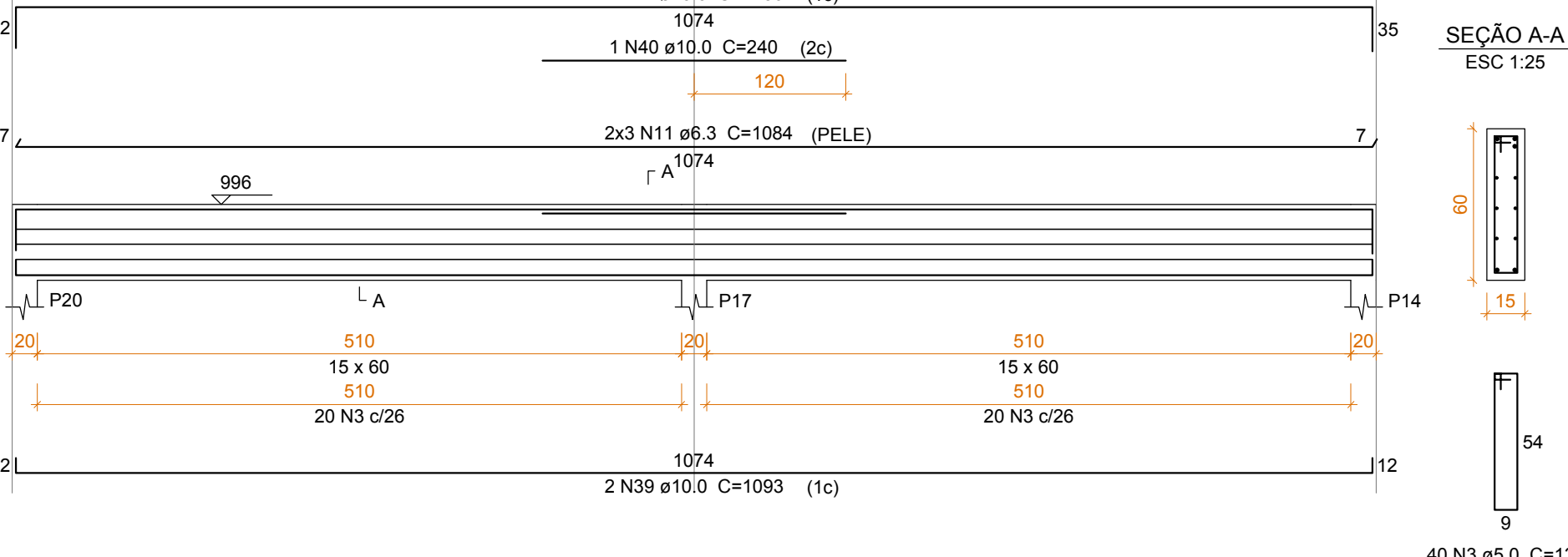
VC12

ESC 1:50



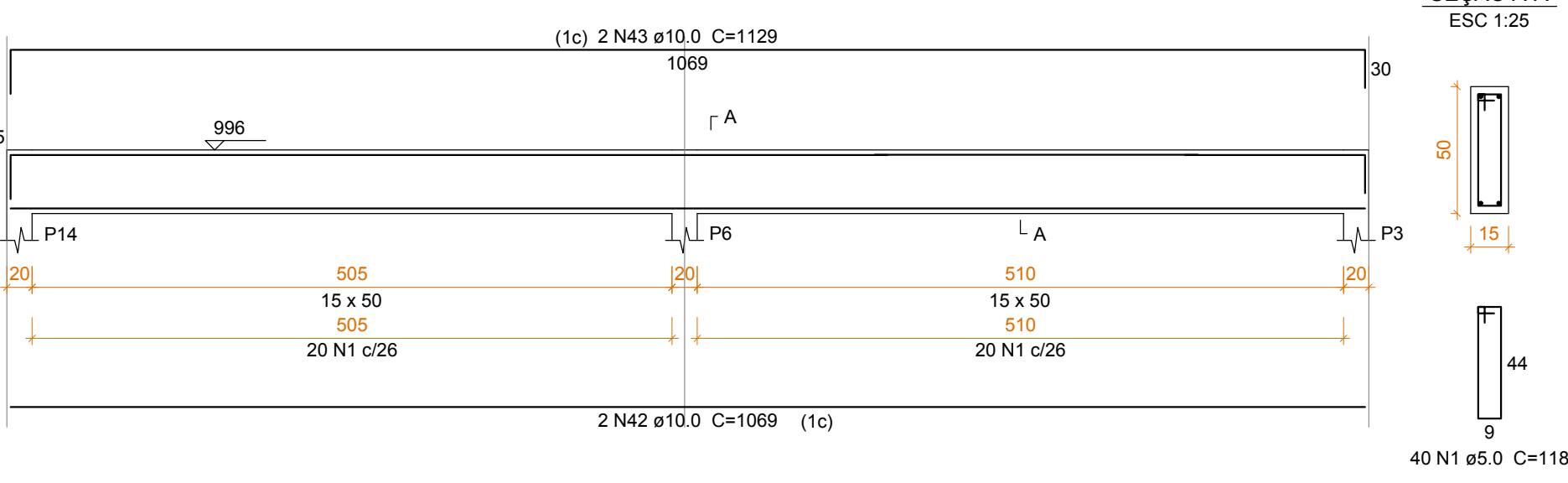
VC13

ESC 1:50



VC14

ESC 1:50



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	134	118	15812
	2	5.0	86	98	8428
	3	5.0	149	138	20562
	4	5.0	49	148	7252
	5	5.0	32	138	4416
	6	6.3	6	136	816
	7	6.3	6	1059	6354
	8	6.3	8	1009	8072
	9	6.3	1	141	141
	10	6.3	6	1079	6474
	11	6.3	6	1084	6504
	12	8.0	2	213	426
	13	8.0	2	206	412
	14	8.0	2	240	480
	15	8.0	1	557	557
	16	8.0	1	528	528
	17	8.0	3	1085	3255
	18	8.0	3	547	1641
	19	8.0	4	539	2156
	20	8.0	2	405	810
	21	8.0	2	603	1206
	22	8.0	1	280	280
	23	8.0	3	555	1665
	24	10.0	2	1009	2018
	25	10.0	3	1069	3207
	26	10.0	2	206	412
	27	10.0	2	1076	2152
	28	10.0	3	1019	3057
	29	10.0	2	1150	2300
	30	10.0	1	167	167
	31	10.0	2	193	386
	32	10.0	2	609	1218
	33	10.0	3	554	1662
	34	10.0	1	141	141
	35	10.0	1	186	186
	36	10.0	1	140	140
	37	10.0	2	600	1200
	38	10.0	2	602	1204
	39	10.0	2	1093	2186
	40	10.0	1	240	240
	41	10.0	2	1136	2272
	42	10.0	2	1069	2138
	43	10.0	2	1129	2258
	44	12.5	1	203	203
	45	12.5	2	1082	2164
	46	12.5	1	215	215
	47	12.5	1	262	262
	48	12.5	1	752	752
	49	12.5	2	1101	2202
	50	12.5	1	201	201
	51	12.5	1	345	345
	52	12.5	2	258	516
	53	12.5	2	1108	2216
	54	12.5	1	205	205
	55	12.5	1	238	238
	56	12.5	2	1082	2164
	57	12.5	2	623	1246

Resumo do aço

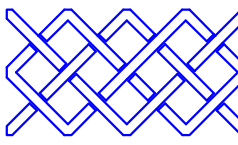
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	283.7	76.3
	8.0	134.2	58.2
	10.0	285.5	193.6
	12.5	129.3	137
	5.0	564.7	95.7
PESO TOTAL (kg)			
CA50	465.2		
CA60	95.7		

Volume de concreto (C-25) = 8.80 m³

Área de forma = 126.35 m²

ARMAÇÃO VIGAS COBERTURA

ESCALA 1:50



AMFRI

Data: Junho/2017
Escala: Indicada
Arquivo: -

Desenho: Rafael B.
ART: -
Folha: 19/21

AMFRI - ASSOCIAÇÃO DOS MUNICÍPIOS DA REGIÃO DA FOZ DO RIO ITAJAÍ
Rua Luiz Lopes Gonzaga, nº 1655 - Bairro São Vicente - Itajaí-SC - CREA/SC nº 050968-0

Estado de Santa Catarina
BOMBEIRO MILITAR DE SANTA CATARINA

Projeto: ESTRUTURAL
AMPLIAÇÃO DO 7º B.B.M EM ITAJAÍ
Local: Av Sete de Setembro, 1878
Bairro Fazenda - Itajaí

Conteúdo da folha: Armação vigas da cobertura
Estatística: Área a construir: 870,90m²
Projeto: 7º Batalhão de Bombeiro Militar em Itajaí / SC
Comandante do 7º B.B.M.
Rafael Calistro Borba
Eng Civil - CREA SC 093.243-9