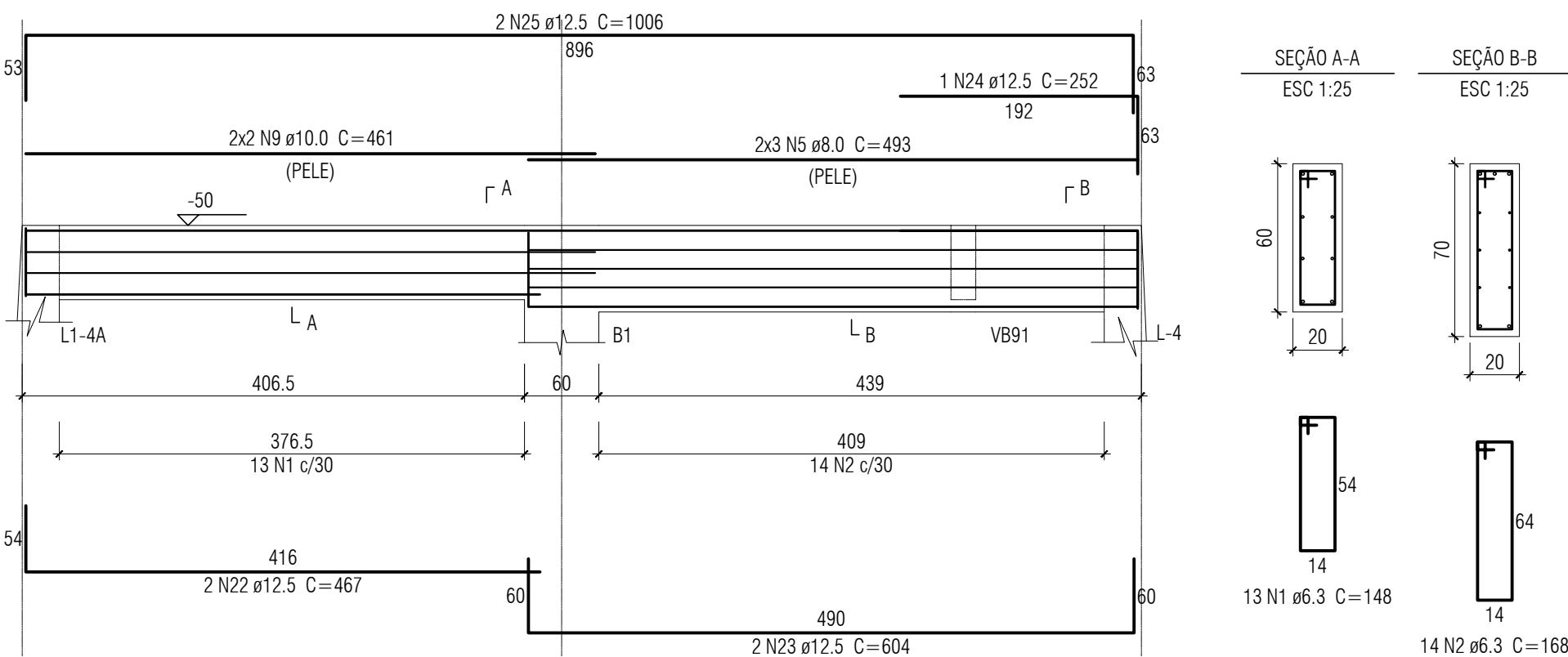
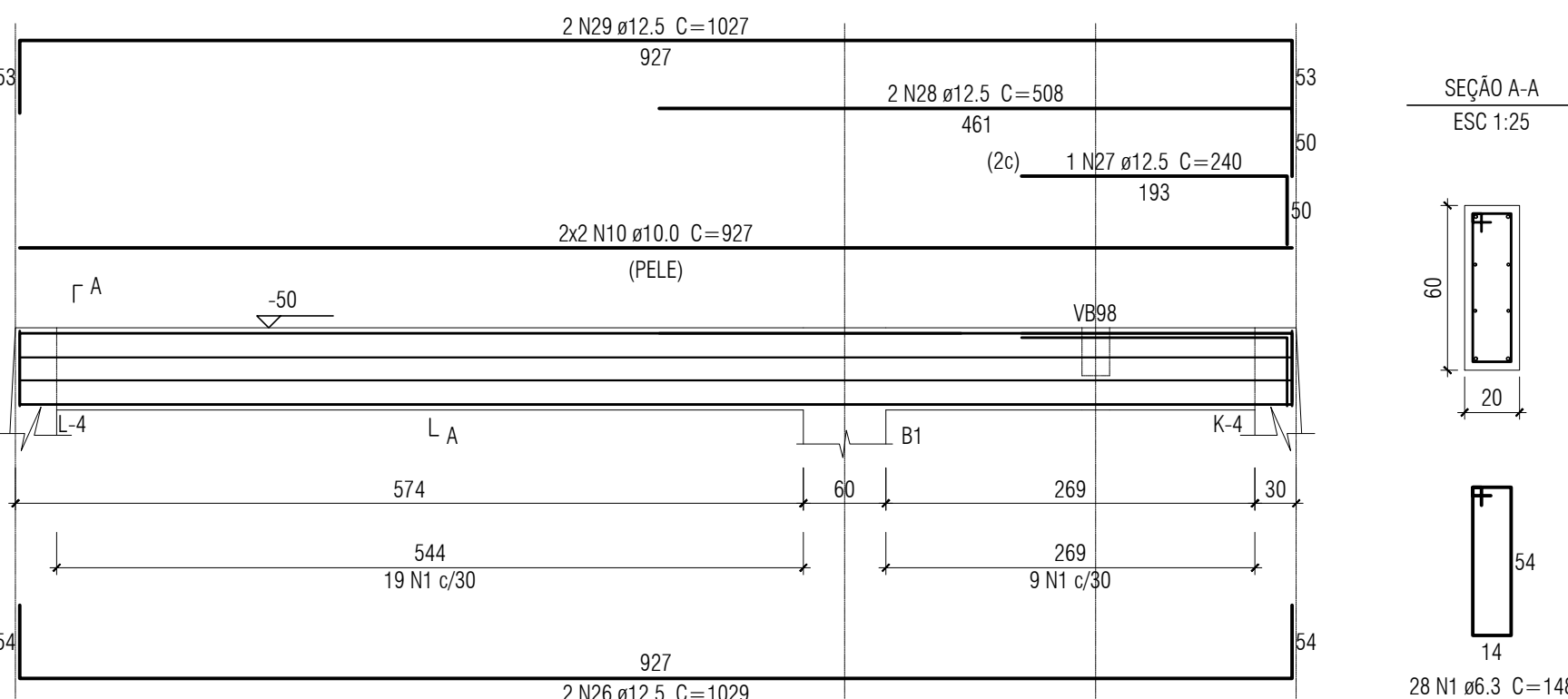


ARMAÇÃO DAS VIGAS BALDRAME 3/7
ESC.: INDICADA

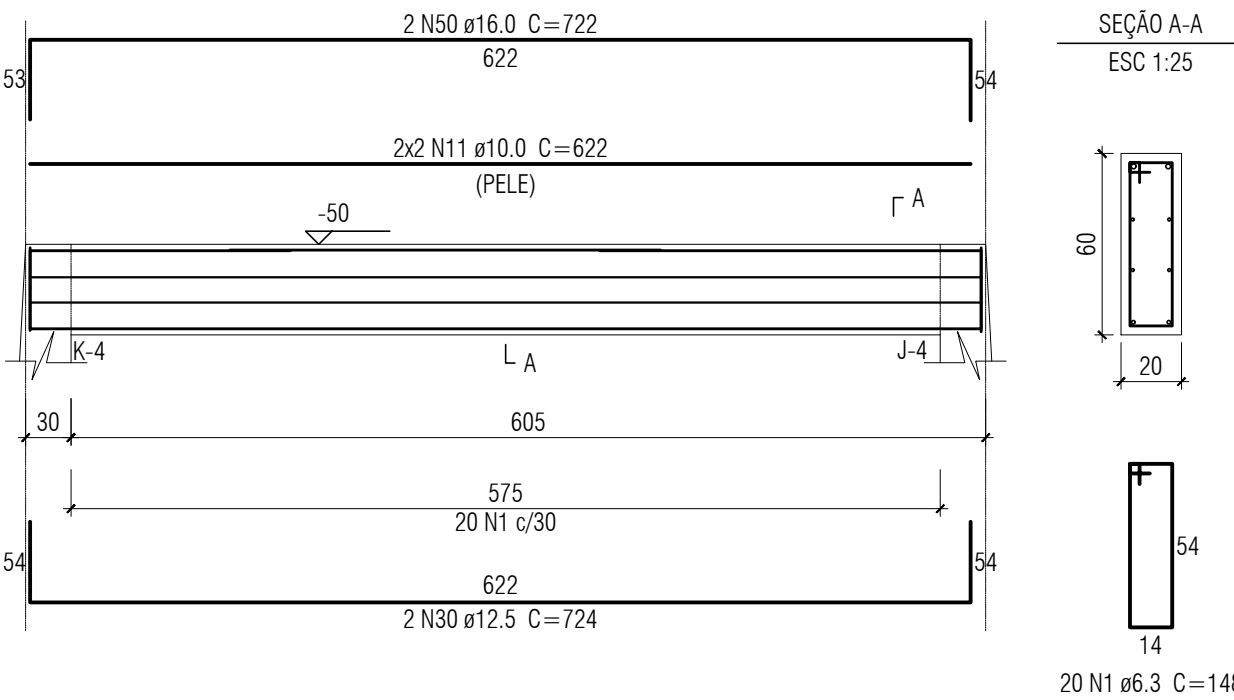
VB37 (var)
ESC 1:50



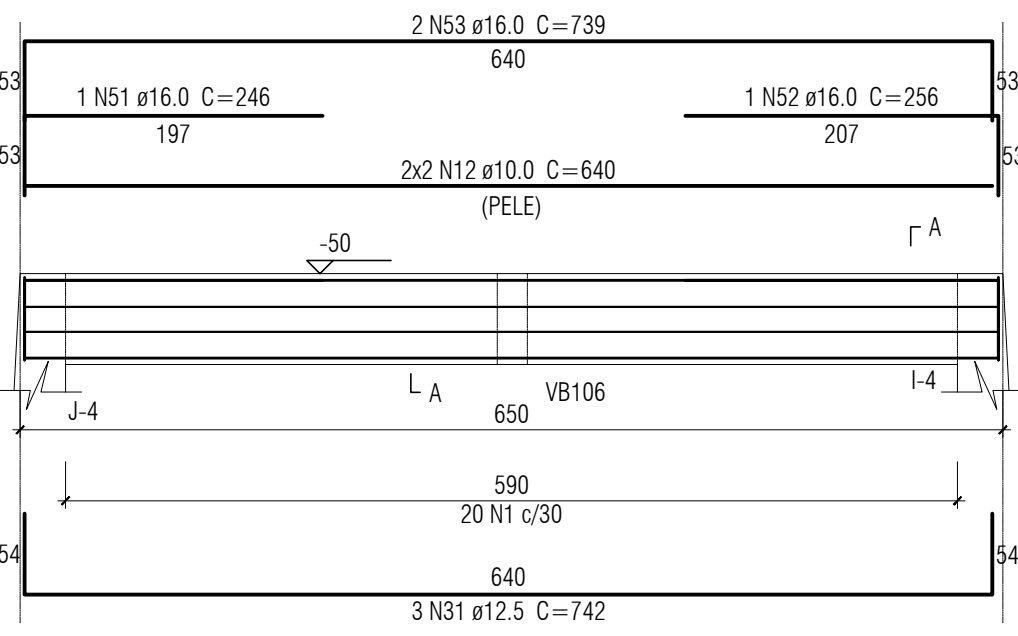
VB38 (20 x 60)
ESC 1:50



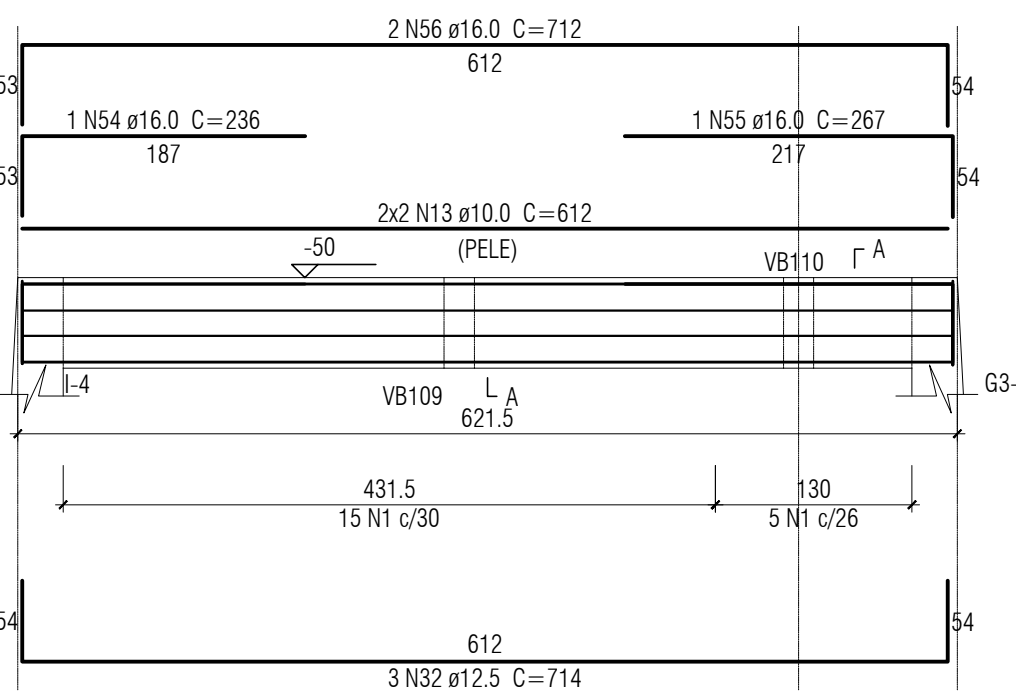
VB39 (20 x 60)
ESC 1:50



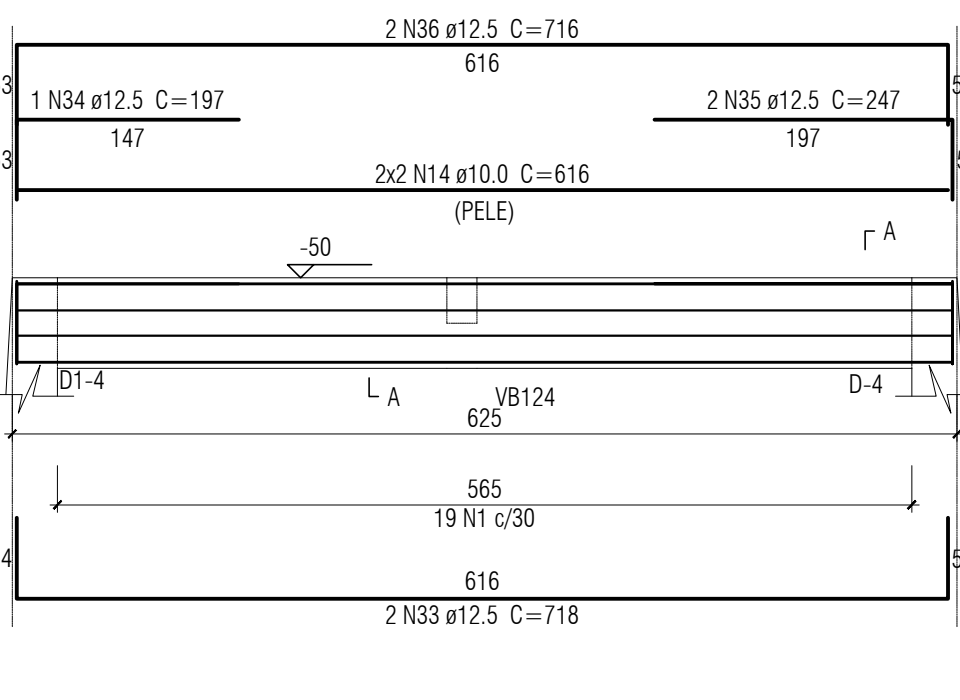
VB40 (20 x 60)
ESC 1:50



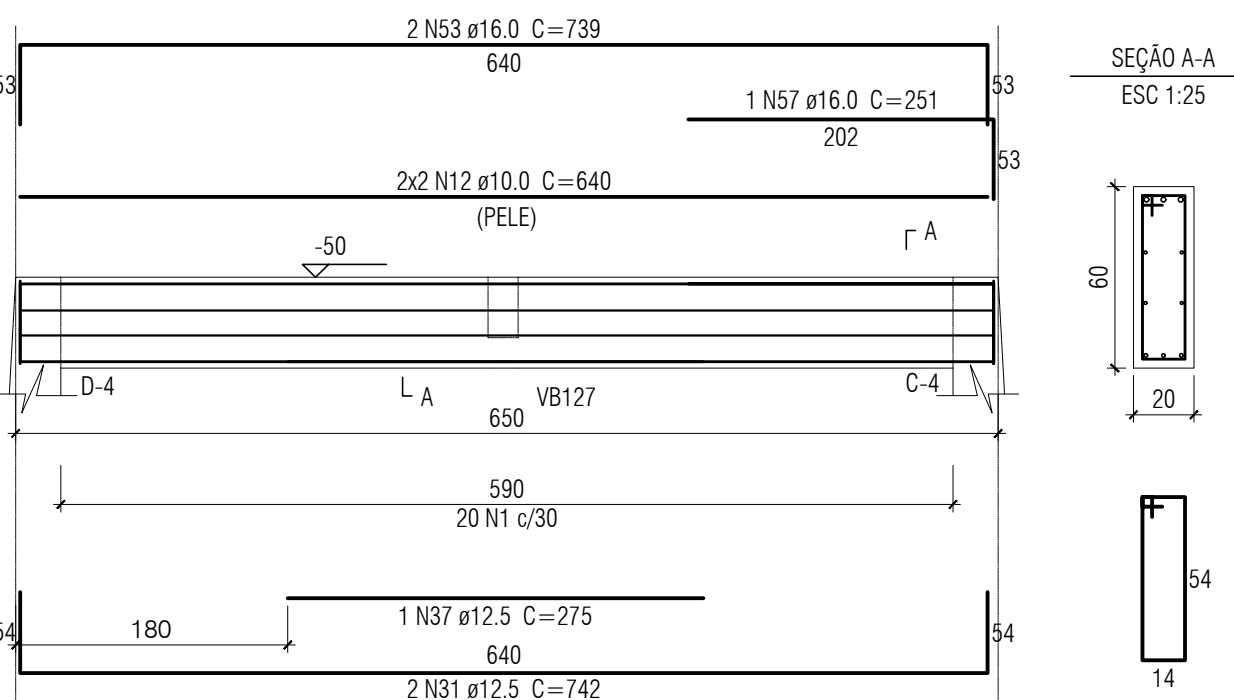
VB41 (20 x 60)
ESC 1:50



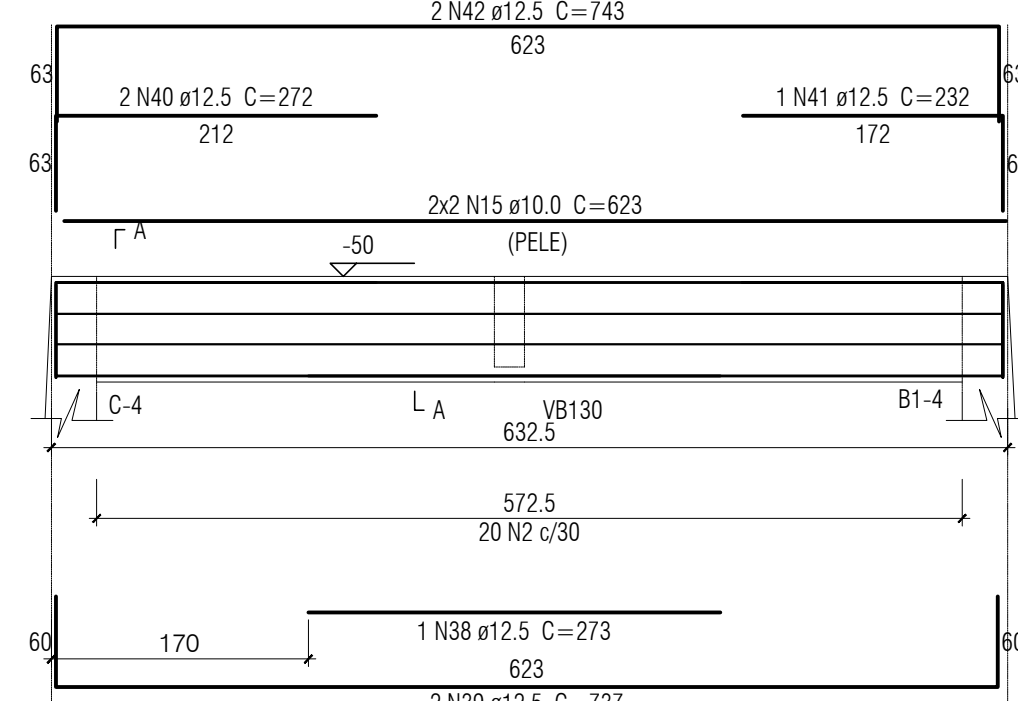
VB43 (20 x 60)
ESC 1:50



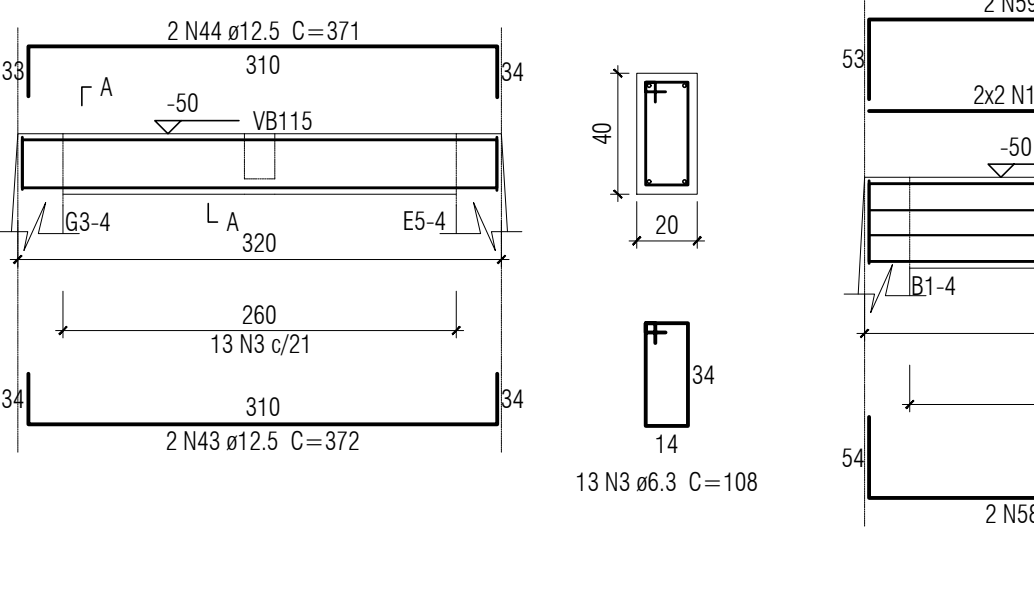
VB44 (20 x 60)
ESC 1:50



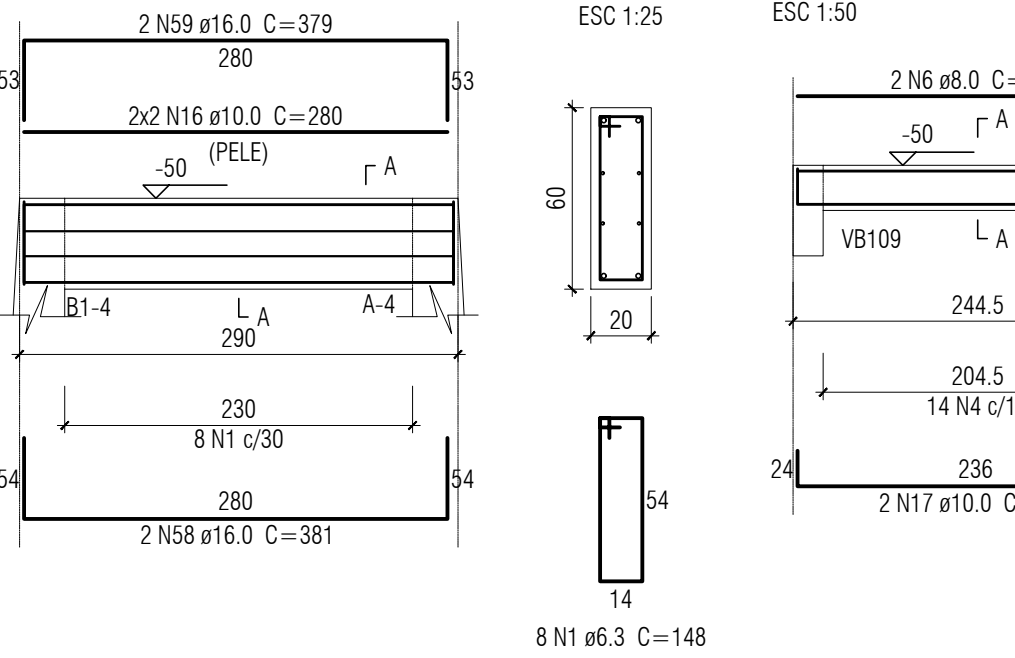
VB45 (20 x 70)
ESC 1:50



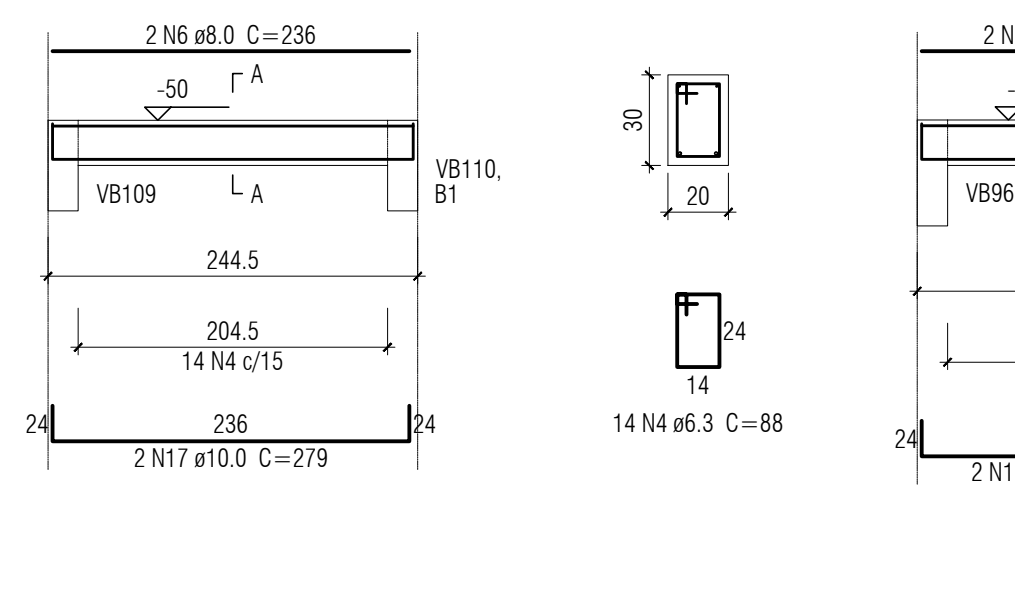
VB46 (20 x 40)
ESC 1:50



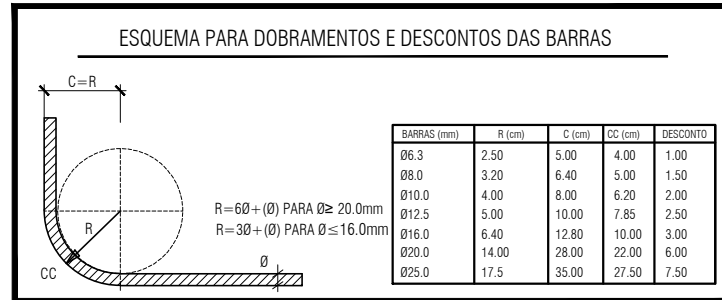
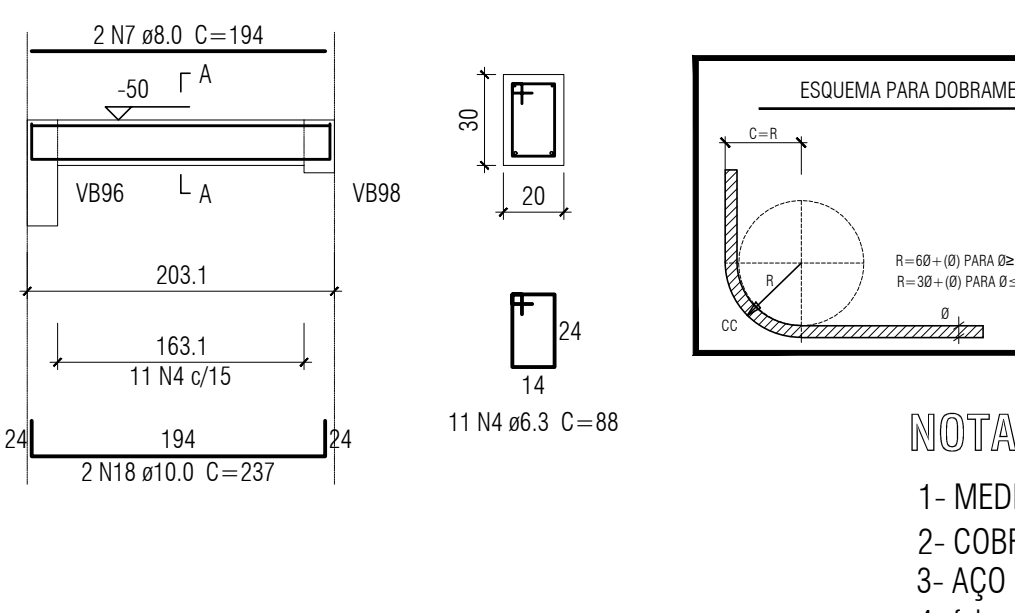
VB47 (20 x 60)
ESC 1:50



VB48=VB50=VB55 (20 x 30)
ESC 1:50



VB49 (20 x 30)
ESC 1:50



NOTAS

- 1- MEDIDAS EM cm, NÍVEIS EM m
- 2- COBRIMENTO: 3,0cm. (usar espaçadores)
- 3- AÇO CA-50 fyk=500 MPa, CA-60 fyk=600 MPa
- 4- fck = 25 MPa
- 5- CONFERIR MEDIDAS NA OBRA
- 6- NÃO TOMAR MEDIDAS EM ESCALA

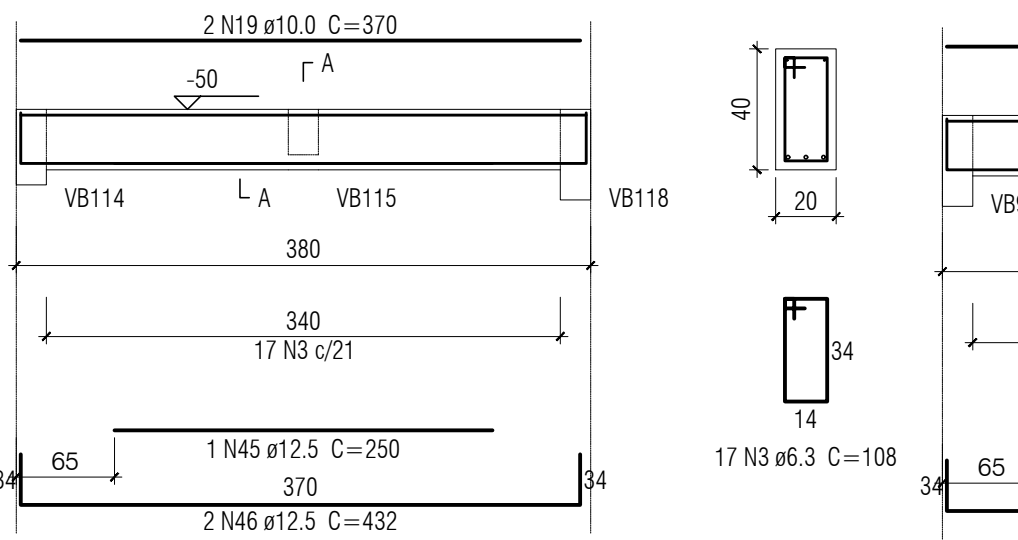
Relação do aço

CAÇO	N	DIAM (mm)	QUANT (cm)	C.UNIT (cm)	C.TOTAL (cm)
1	6.3	197	148	29156	
2	6.3	34	168	5712	
3	6.3	46	108	4968	
4	6.3	53	88	4664	
5	8.0	6	493	2958	
6	8.0	6	236	1416	
7	8.0	2	184	388	
8	8.0	2	362	724	
9	10.0	4	461	1844	
10	10.0	4	927	3708	
11	10.0	4	622	2488	
12	10.0	8	640	5120	
13	10.0	4	612	2448	
14	10.0	4	616	2464	
15	10.0	4	623	2492	
16	10.0	4	288	1152	
17	10.0	6	279	1674	
18	10.0	2	237	474	
19	10.0	2	370	740	
20	10.0	4	1200	4800	
21	10.0	4	526	2104	
22	12.5	2	467	934	
23	12.5	2	604	1208	
24	12.5	1	252	252	
25	12.5	2	1006	2012	
26	12.5	2	1029	2058	
27	12.5	1	240	240	
28	12.5	2	508	1016	
29	12.5	2	1027	2054	
30	12.5	2	724	1448	
31	12.5	5	742	3710	
32	12.5	3	714	2142	
33	12.5	2	718	1436	
34	12.5	1	197	197	
35	12.5	2	247	494	
36	12.5	2	716	1432	
37	12.5	1	275	275	
38	12.5	1	273	273	
39	12.5	2	737	1474	
40	12.5	2	272	544	
41	12.5	1	232	232	
42	12.5	2	743	1486	
43	12.5	2	372	744	
44	12.5	2	371	742	
45	12.5	1	250	250	
46	12.5	2	432	864	
47	12.5	1	247	247	
48	12.5	2	424	848	
49	12.5	2	971	1942	
50	16.0	2	722	1444	
51	16.0	1	246	246	
52	16.0	1	256	256	
53	16.0	4	739	2956	
54	16.0	1	236	236	
55	16.0	1	267	267	
56	16.0	2	712	1424	
57	16.0	1	251	251	
58	16.0	2	381	762	
59	16.0	2	379	758	
60	16.0	1	425	425	
61	16.0	2	783	1566	
62	16.0	2	330	660	
63	16.0	1	390	390	
64	16.0	2	1172	2344	
65	16.0	2	682	1364	

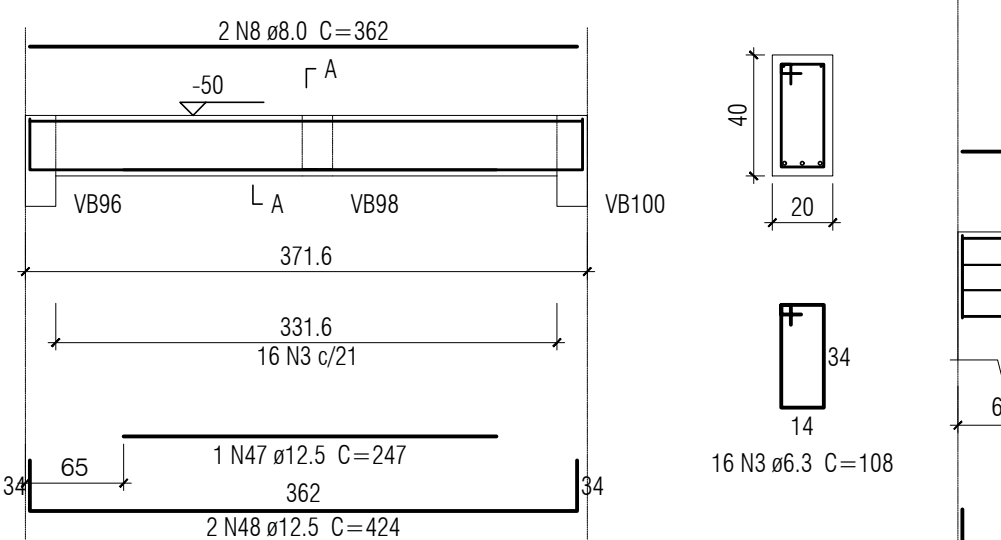
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	445	119.8
	8.0	54.9	23.8
	10.0	314.8	213.5
	12.5	305.6	323.8
	16.0	133.5	266.5
PESO TOTAL			(kg)
CA50	947.3		

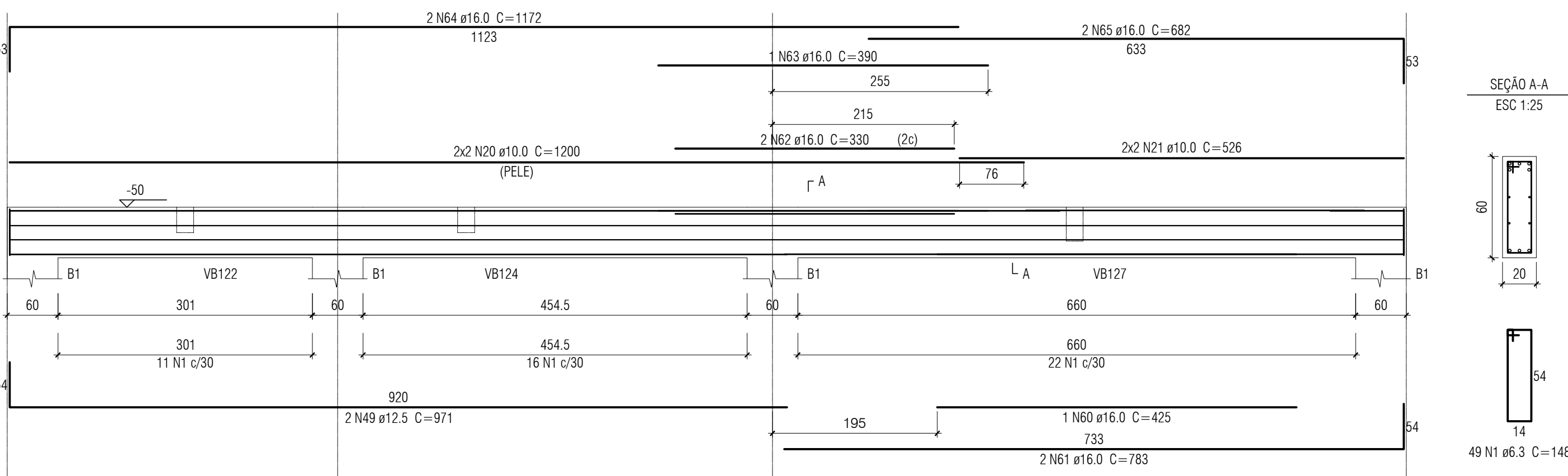
VB51 (20 x 40)
ESC 1:50



VB52 (20 x 40)
ESC 1:50



VB53 (20 x 60)
ESC 1:50



PREFEITURA DO MUNICÍPIO DE ITAPEVI
SECRETARIA DE INFRAESTRUTURA
E SERVIÇOS URBANOS



TÍTULO: UNIDADE ESCOLAR

PROJETO: CONSTRUÇÃO DE ESCOLA

OBRA: ESCOLA DE TEMPO INTEGRAL VALE DO SOL

LOCAL DO IMÓVEL: RODOVIA ENGENHEIRO RENÉ BENEDITO
DA SILVA, S/N, VALE DO SOL

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ITAPEVI

Marcos de Oliveira Anjos
Secretário de Infraestrutura
e Serviços Urbanos
Prefeitura Municipal de Itapevi
CPF nº 46.523.031/0001-28

Responsável Técnico
Engº Fábio das Virgens Junior
CREA nº 5070331130

ASSUNTO: ARMAÇÃO DAS VIGAS BALDRAME 3/7

PROJETO	INDICADA	TIPO DE PROJETO
CONTEÚTO	DATX	ESTRUTURA
DESENHISTA	MAR/2023	ETAPA
	03/03/2023	BÁSICO
		REVISÃO
		00

09/17