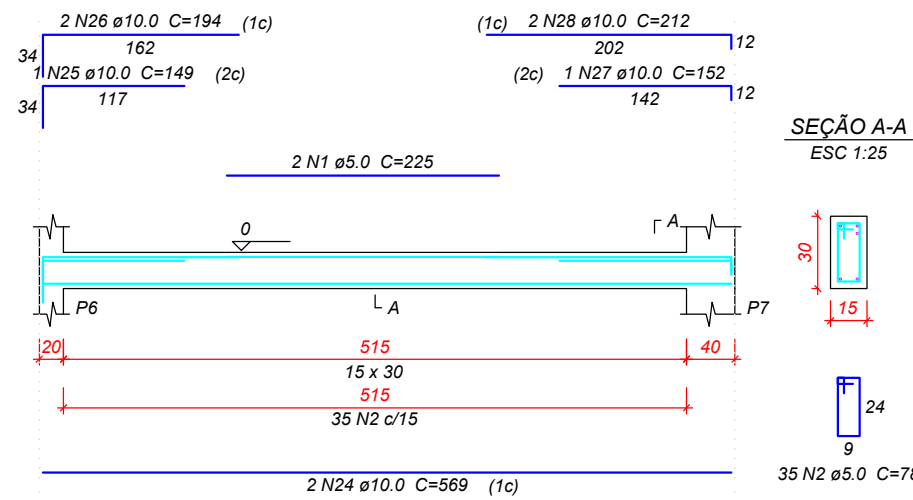
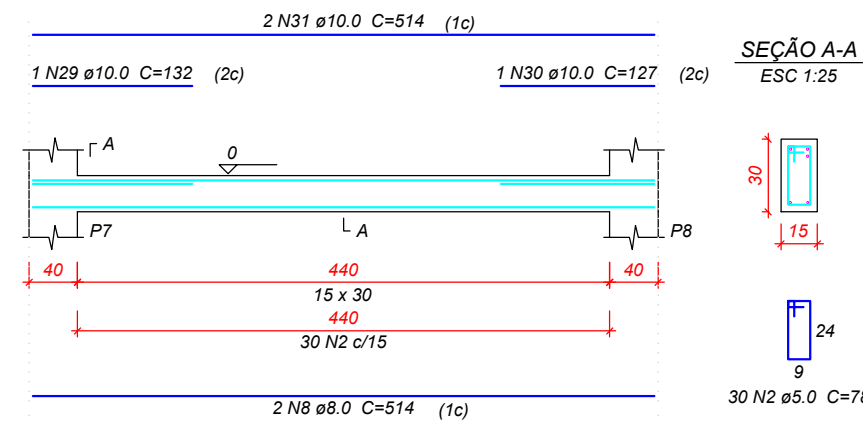


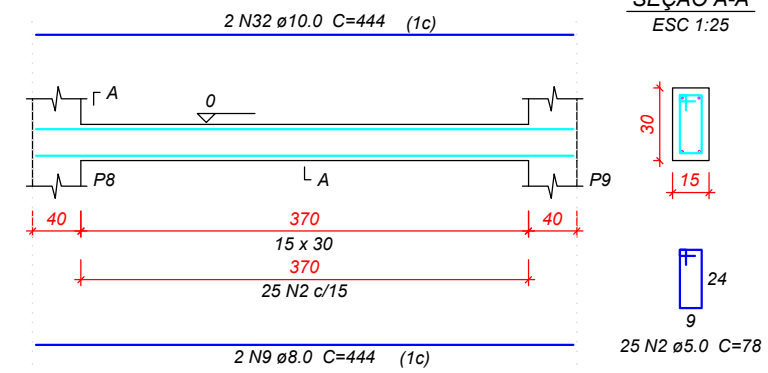
V1
ESC 1:50



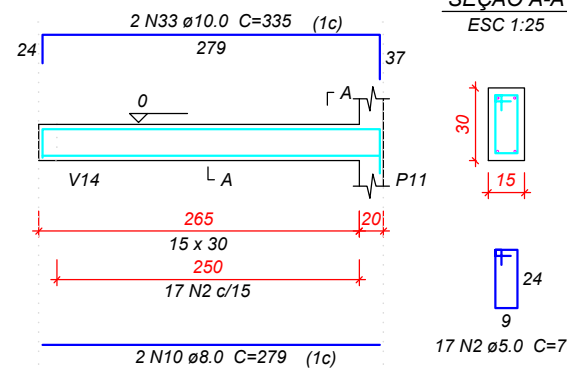
V2
ESC 1:50



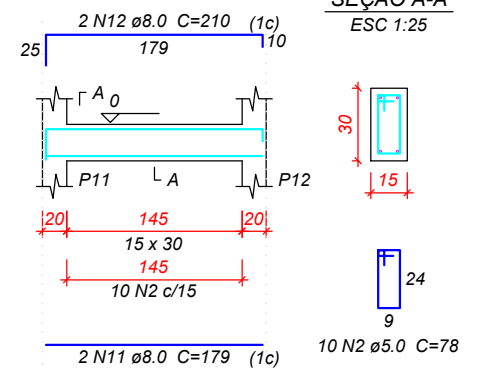
V3
ESC 1:50



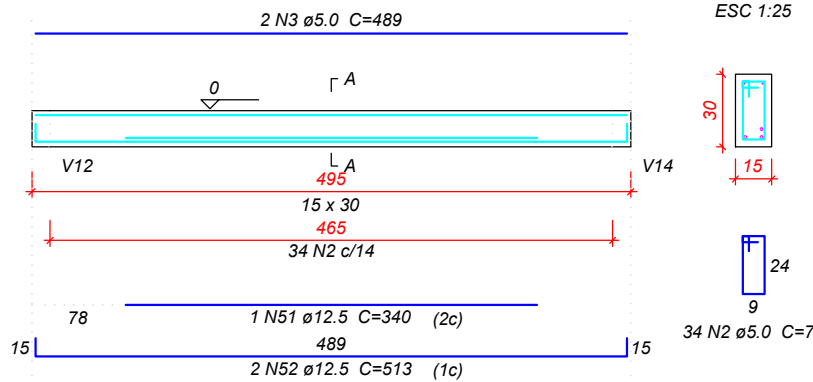
V4
ESC 1:50



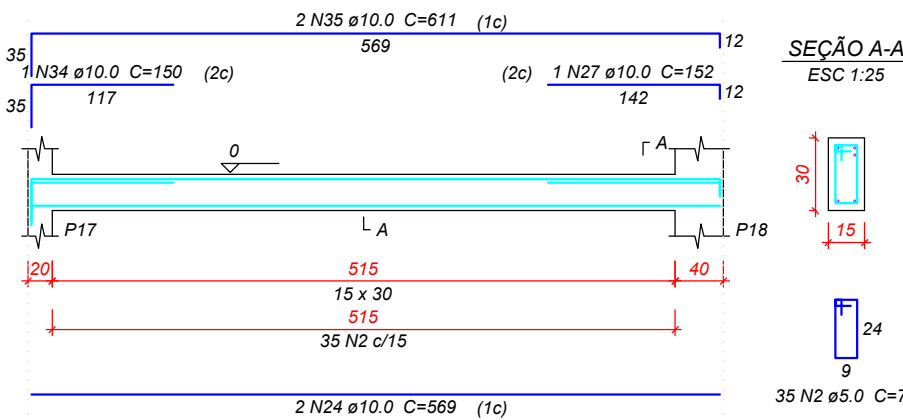
V5
ESC 1:50



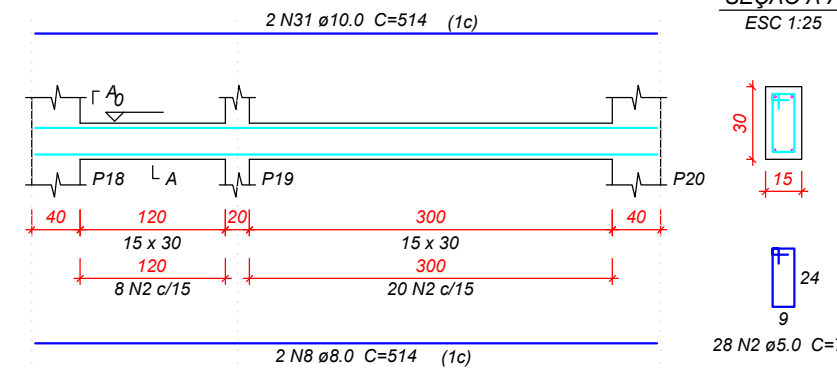
V6
ESC 1:50



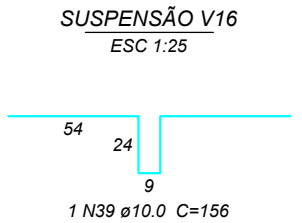
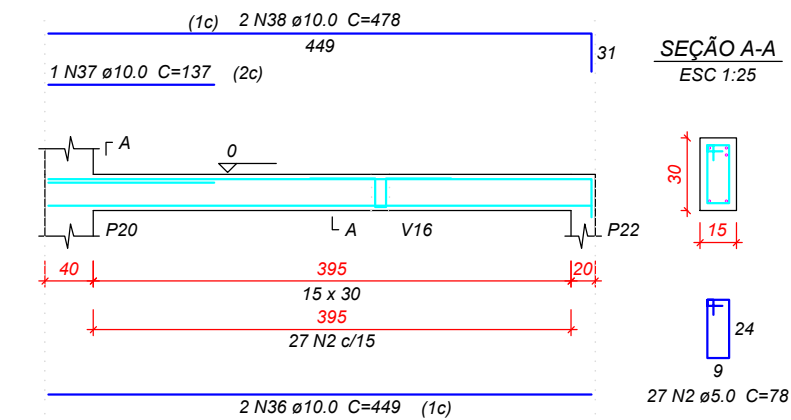
V7
ESC 1:50



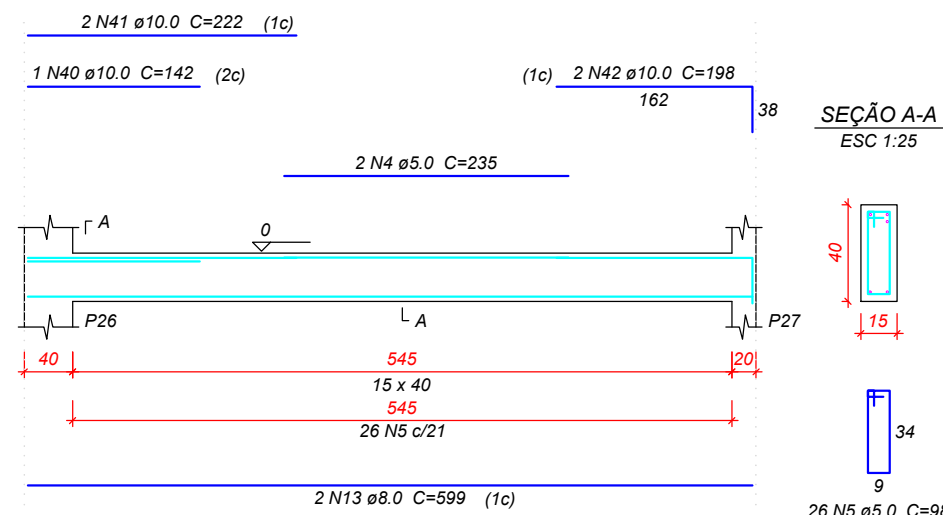
V8
ESC 1:50



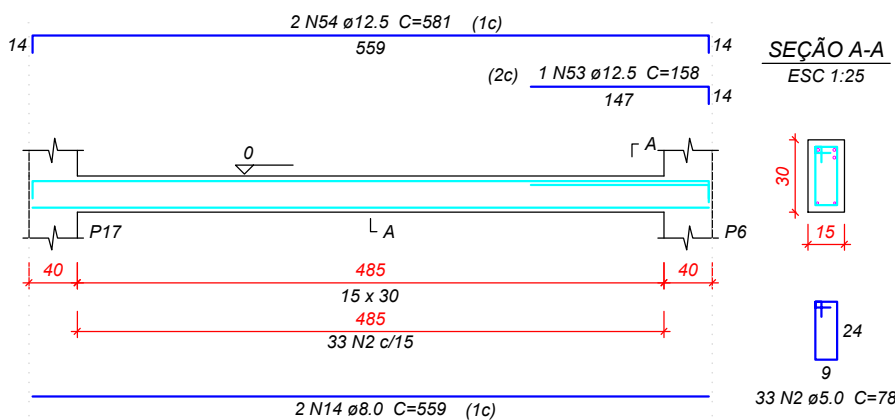
V9
ESC 1:50



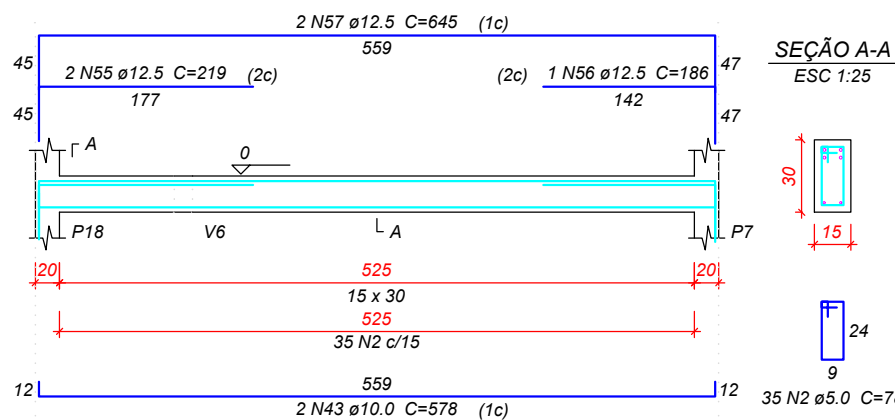
V10
ESC 1:50



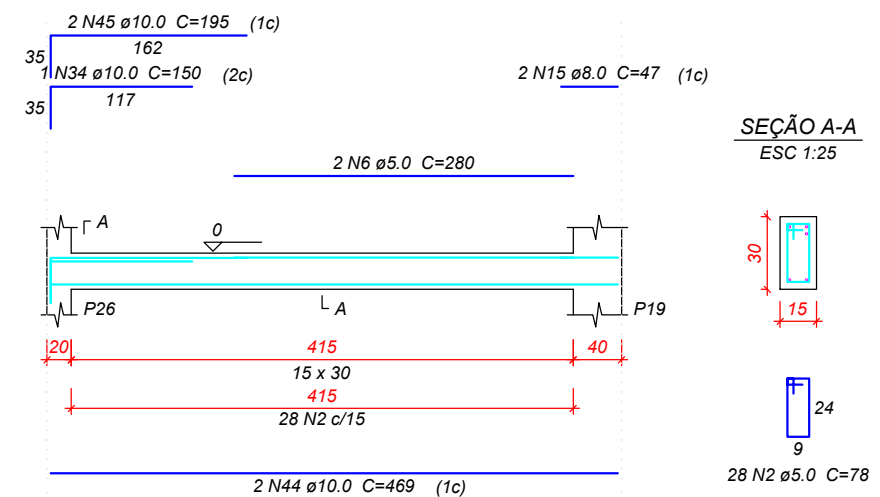
V11
ESC 1:50



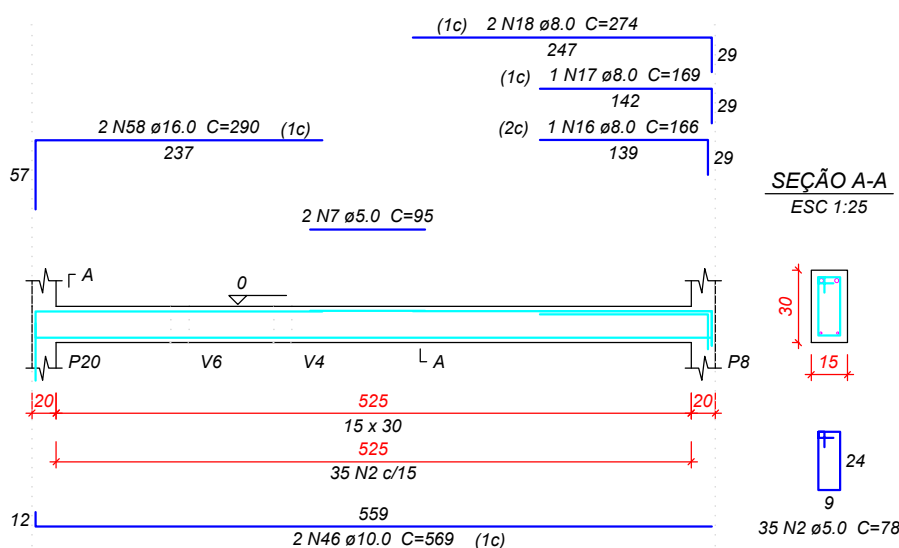
V12
ESC 1:50



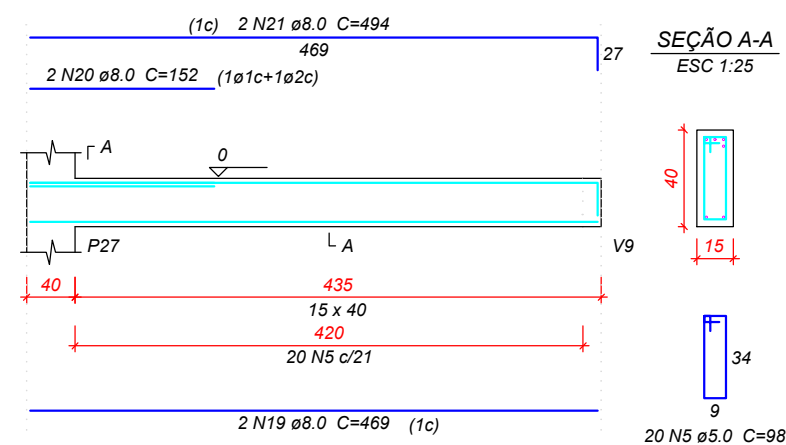
V13
ESC 1:50



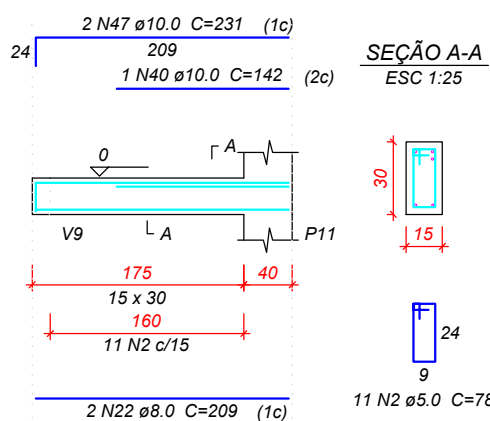
V14
ESC 1:50



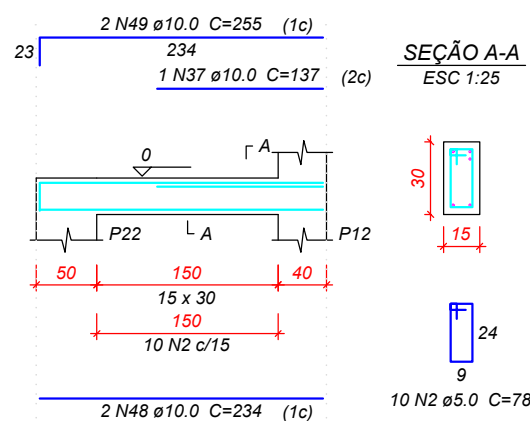
V15
ESC 1:50



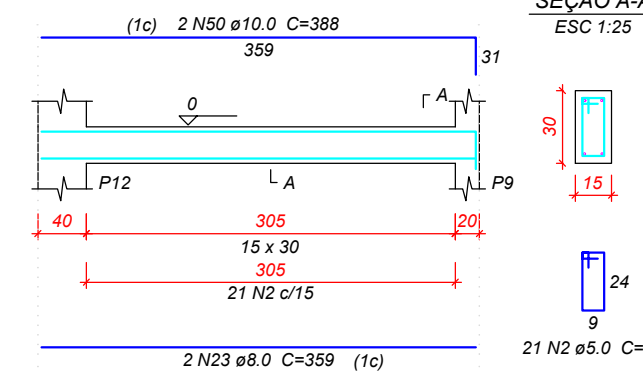
V16
ESC 1:50



V17
ESC 1:50



V18
ESC 1:50



Detalhamento vigas baldrame

Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	225	450
	2	5.0	414	78	32292
	3	5.0	2	489	978
	4	5.0	2	235	470
	5	5.0	46	98	4508
	6	5.0	2	280	560
	7	5.0	2	95	190
	8	8.0	4	514	2056
	9	8.0	2	444	888
	10	8.0	2	279	558
	11	8.0	2	179	358
	12	8.0	2	210	420
	13	8.0	2	599	1198
	14	8.0	2	559	1118
	15	8.0	2	47	94

16	8.0	1	166	166
17	8.0	1	169	169
18	8.0	2	274	548
19	8.0	2	469	938
20	8.0	2	152	304
21	8.0	2	494	988
22	8.0	2	209	418
23	8.0	2	359	718
24	10.0	4	569	2276
25	10.0	1	149	149
26	10.0	2	194	388
27	10.0	2	152	304
28	10.0	2	212	424
29	10.0	1	132	132
30	10.0	1	127	127
31	10.0	4	514	2056
32	10.0	2	444	888
33	10.0	2	335	670
34	10.0	2	150	300
35	10.0	2	611	1222
36	10.0	2	449	898
37	10.0	2	137	274
38	10.0	2	478	956
39	10.0	1	156	156
40	10.0	2	142	284

41	10.0	2	222	444
42	10.0	2	198	396
43	10.0	2	578	1156
44	10.0	2	469	938
45	10.0	2	195	390
46	10.0	2	569	1138
47	10.0	2	231	462
48	10.0	2	234	468
49	10.0	2	255	510
50	10.0	2	388	776
51	12.5	1	340	340
52	12.5	2	513	1026
53	12.5	1	158	158
54	12.5	2	581	1162
55	12.5	2	219	438
56	12.5	1	186	186
57	12.5	2	645	1290
58	16.0	2	290	580

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	109.4	47.5
	10.0	181.9	123.3
	12.5	46	48.7
	16.0	5.8	10.1
CA60	5.0	394.5	66.9
PESO TOTAL			

Vol. de concreto total (C-25) = 3.82 m³
Área de forma total = 63.14 m²

Jessica Roman
ENGENHARIA E INTERIORES

AMPLIAÇÃO EMEI CASULO

Projeto Estrutural - Bloco 01

PROPRIETÁRIOS

Prefeitura Municipal de Ibiaciá

ENDEREÇO:

Rua Paulina Pansera

RESP. TÉCNICO PROJETO:

Jéssica Roman - Crea RS210342

DATA:
Set/2023

ÁREA:
291,03m²

FOLHA:
3/7

BLOCO 01
ESCALA: 1/125