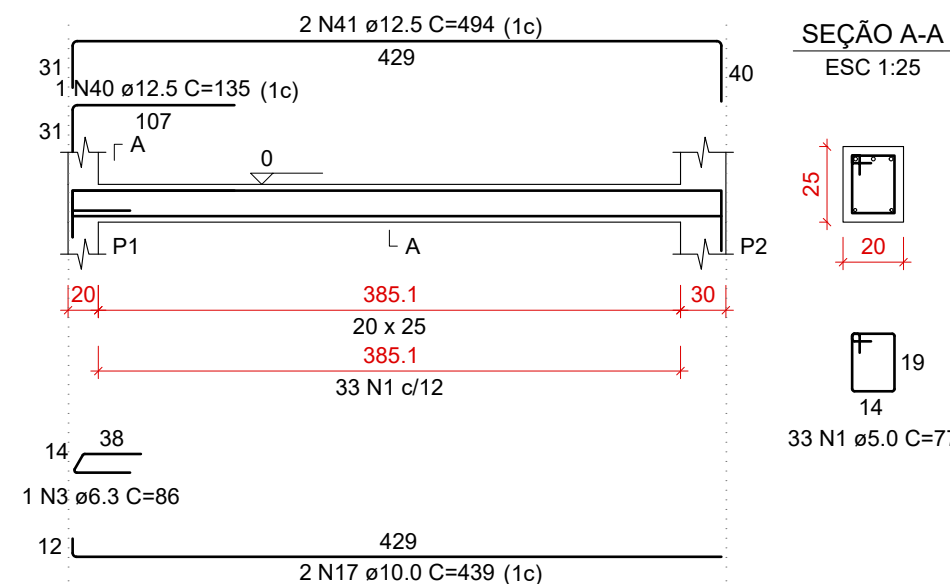
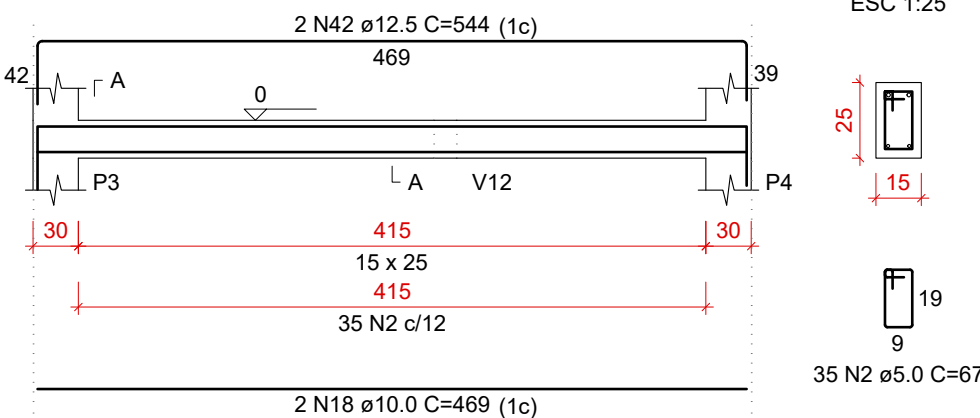


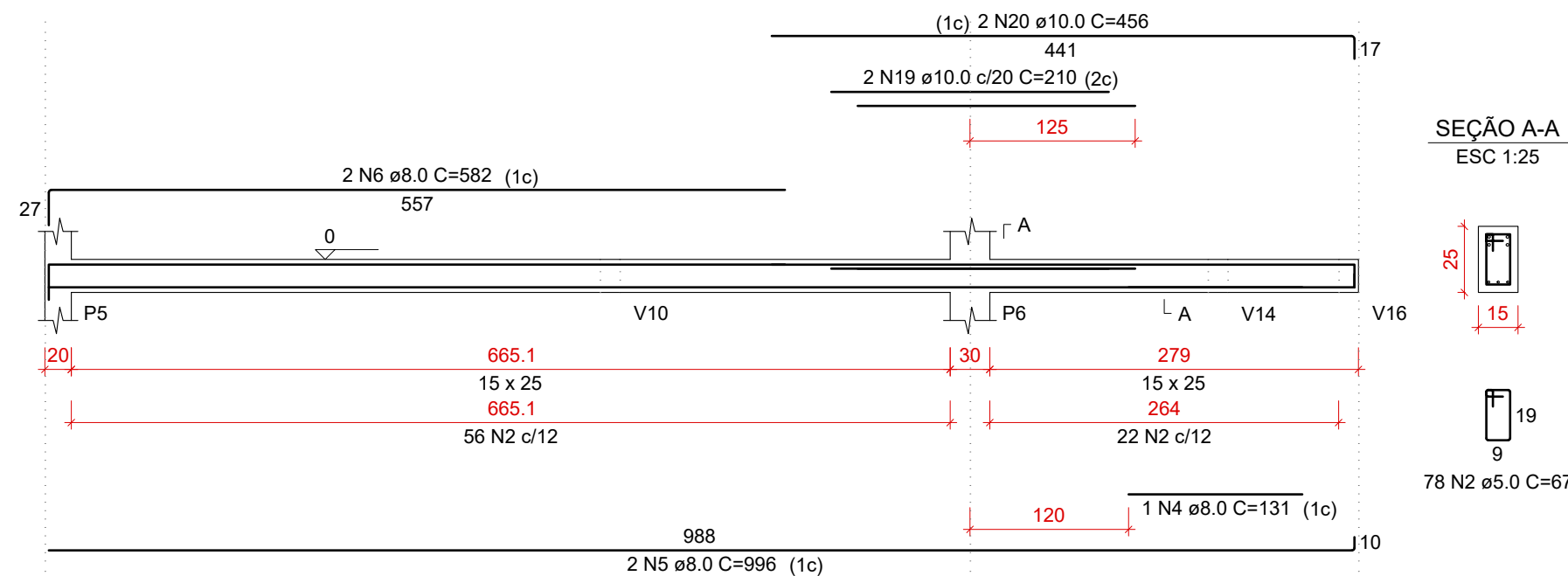
V1  
ESC 1:50



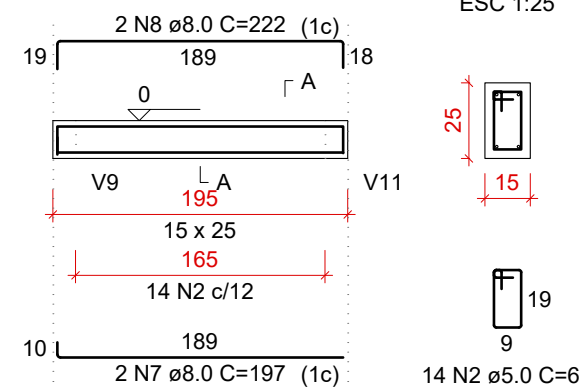
V2  
ESC 1:50



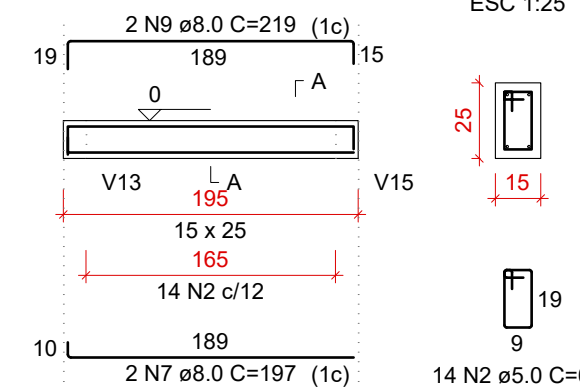
V3  
ESC 1:50



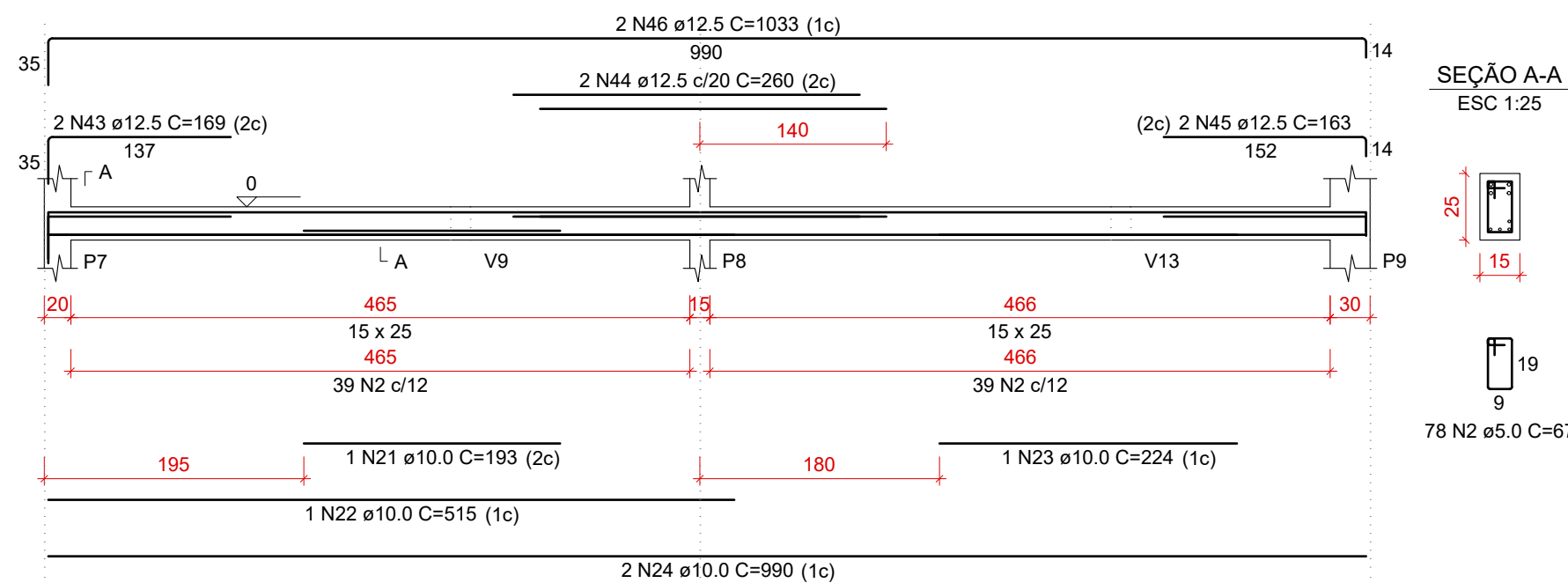
V4  
ESC 1:50



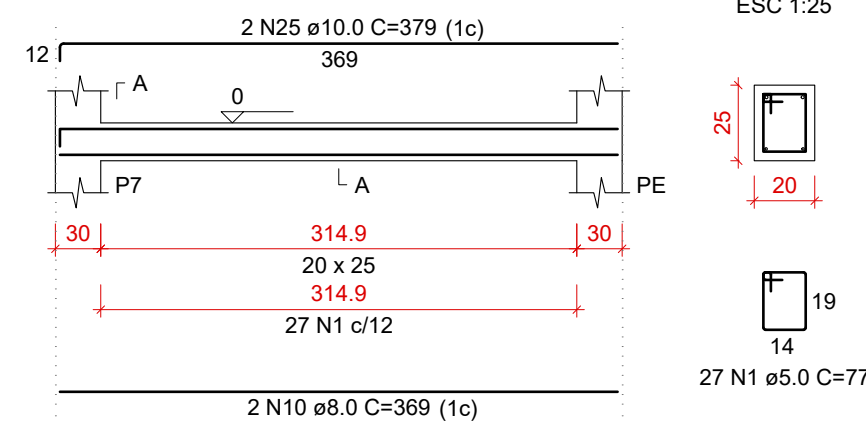
V5  
ESC 1:50



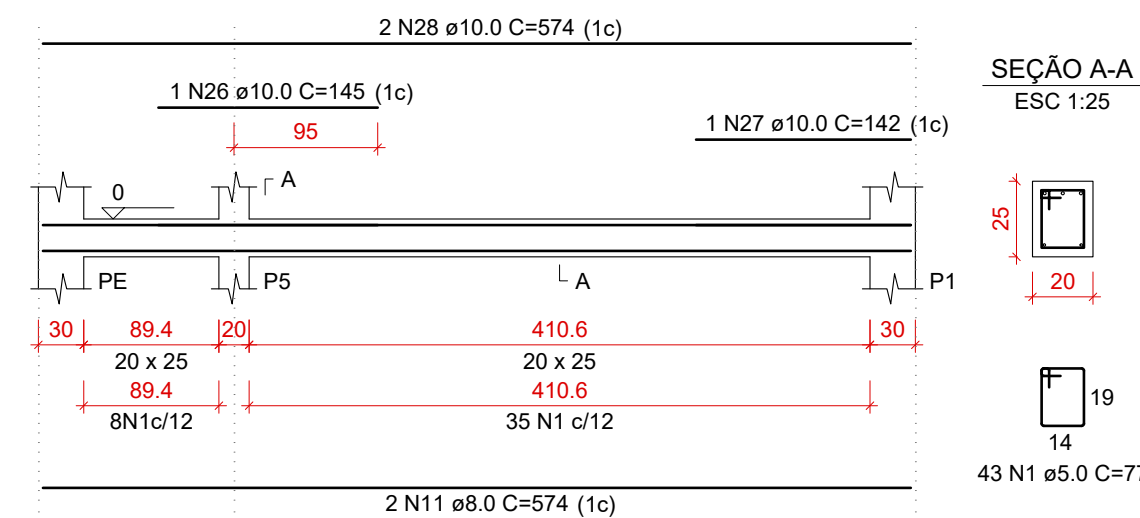
V6  
ESC 1:50



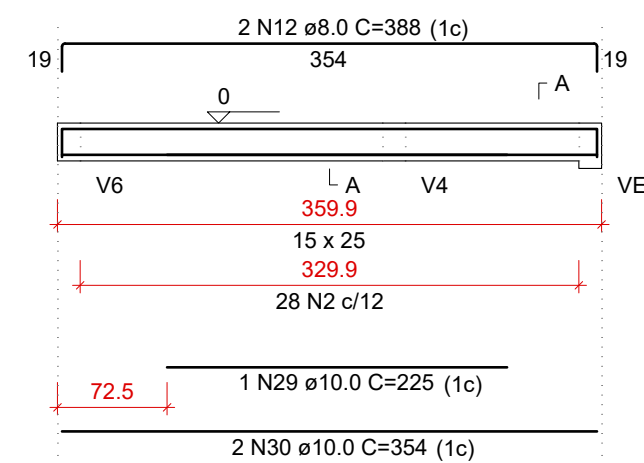
V7  
ESC 1:50



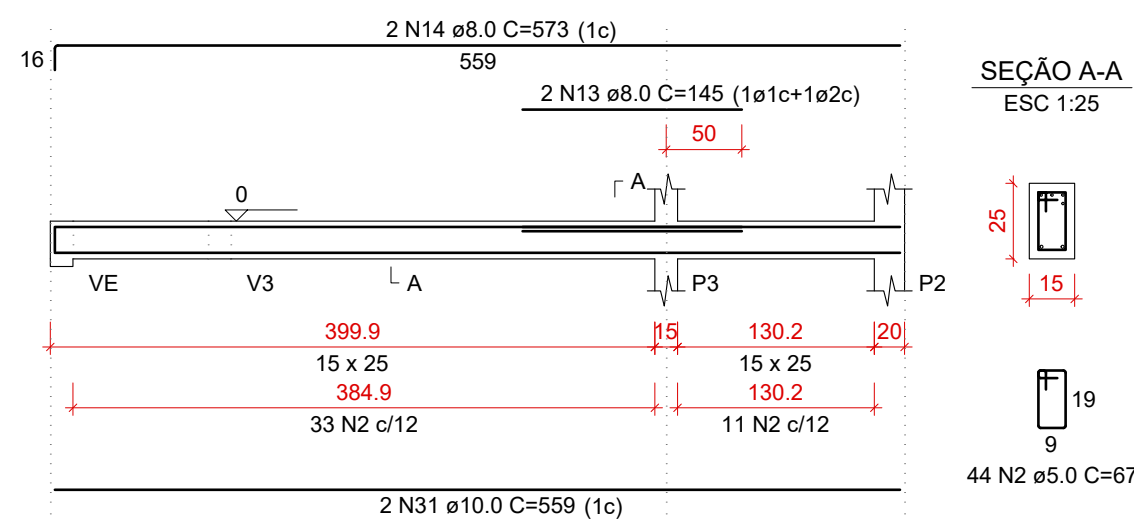
V8  
ESC 1:50



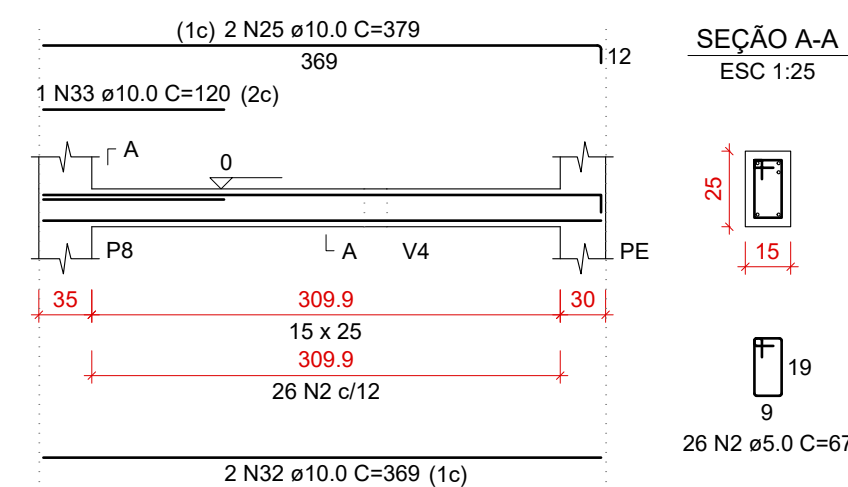
V9  
ESC 1:50



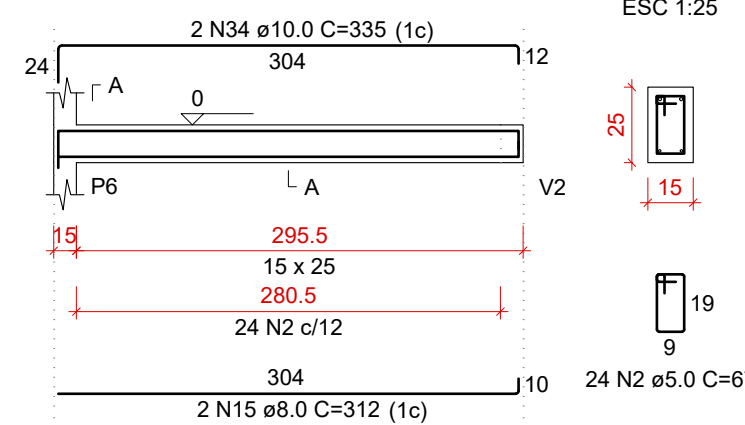
V10  
ESC 1:50



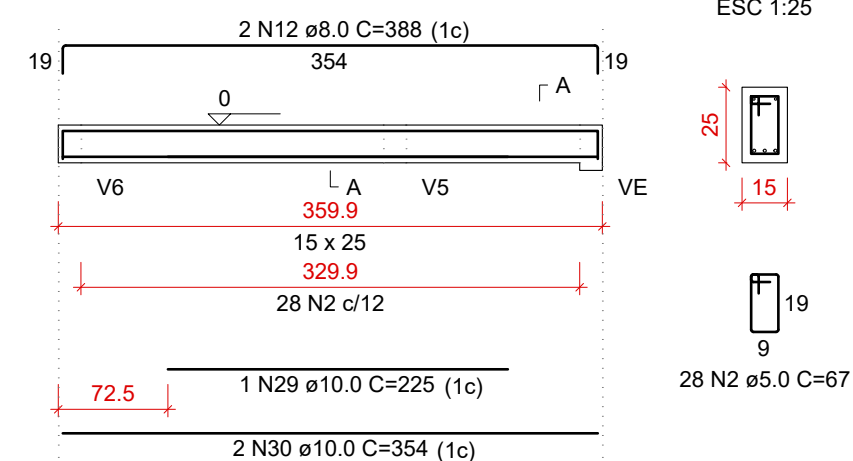
V11  
ESC 1:50



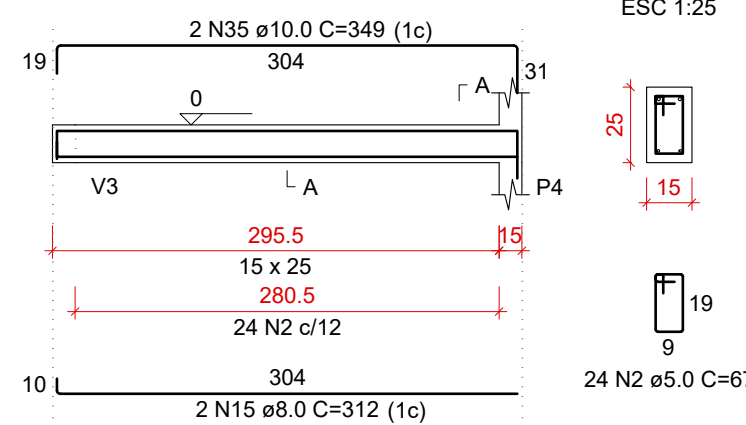
V12  
ESC 1:50



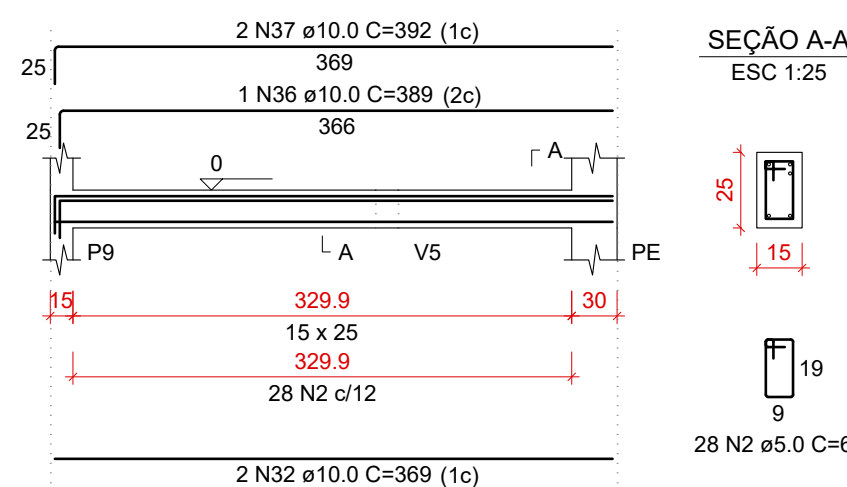
V13  
ESC 1:50



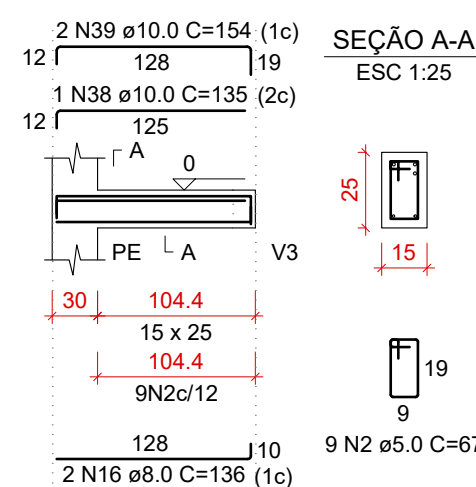
V14  
ESC 1:50



V15  
ESC 1:50



V16  
ESC 1:50



RELAÇÃO DO AÇO - Vigas baldrame

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	103	77	7931
V4	2	5.0	430	67	28810
V7	3	6.3	1	86	86
V10	4	8.0	1	131	131
V13	5	8.0	2	996	1992
V16	6	8.0	2	582	1164
	7	8.0	4	197	788
	8	8.0	2	222	444
	9	8.0	2	219	438
	10	8.0	2	369	738
	11	8.0	2	574	1148
	12	8.0	4	388	1552
	13	8.0	2	145	290
	14	8.0	2	573	1146
	15	8.0	4	312	1248
	16	8.0	2	136	272
	17	10.0	2	439	878
	18	10.0	2	469	938
	19	10.0	2	210	420
	20	10.0	2	456	912
	21	10.0	1	193	193
	22	10.0	1	515	515
	23	10.0	1	224	224
	24	10.0	2	990	1980
	25	10.0	4	379	1516
	26	10.0	1	145	145
	27	10.0	1	142	142
	28	10.0	2	574	1148
	29	10.0	2	225	450
	30	10.0	4	354	1416
	31	10.0	2	559	1118
	32	10.0	4	369	1476
	33	10.0	1	120	120
	34	10.0	2	335	670
	35	10.0	2	349	698
	36	10.0	1	389	389
	37	10.0	2	392	784
	38	10.0	1	135	135
	39	10.0	2	154	308
	40	12.5	1	135	135
	41	12.5	2	494	988
	42	12.5	2	544	1088
	43	12.5	2	169	338
	44	12.5	2	260	520
	45	12.5	2	163	326
	46	12.5	2	1033	2066

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	0.9	0.2
	8.0	113.5	49.3
	10.0	165.8	112.4
	12.5	54.6	57.9
CA60	5.0	367.4	62.3
PESO TOTAL (kg)			
CA50	219.8		
CA60	62.3		
Volume de concreto (C-30) = 2.52 m³			
Área de forma = 41.99 m²			

## PROJETO ESTRUTURAL



Obra:	AMPLIAÇÃO - CENTRO DE MULTIPLO USO BAIRRO CRISTO REI Rua Angelo Fassina, L06 Q114, Bairro Cristo Rei, s/nº - Ipuçu/SC	Data:	08/2023
Resp. Técnico:	Tânia Mara Baldissera - Engenheira Civil - CREA-SC 133.907-5	Escala:	Indicada
Município:	Ipuçu/SC - CNPJ: 95.993.028/0001-83	Área:	77,70 m²
Especificação:	Vigas baldrame	Desenho:	Tânia
		Prancha:	EST 04/06