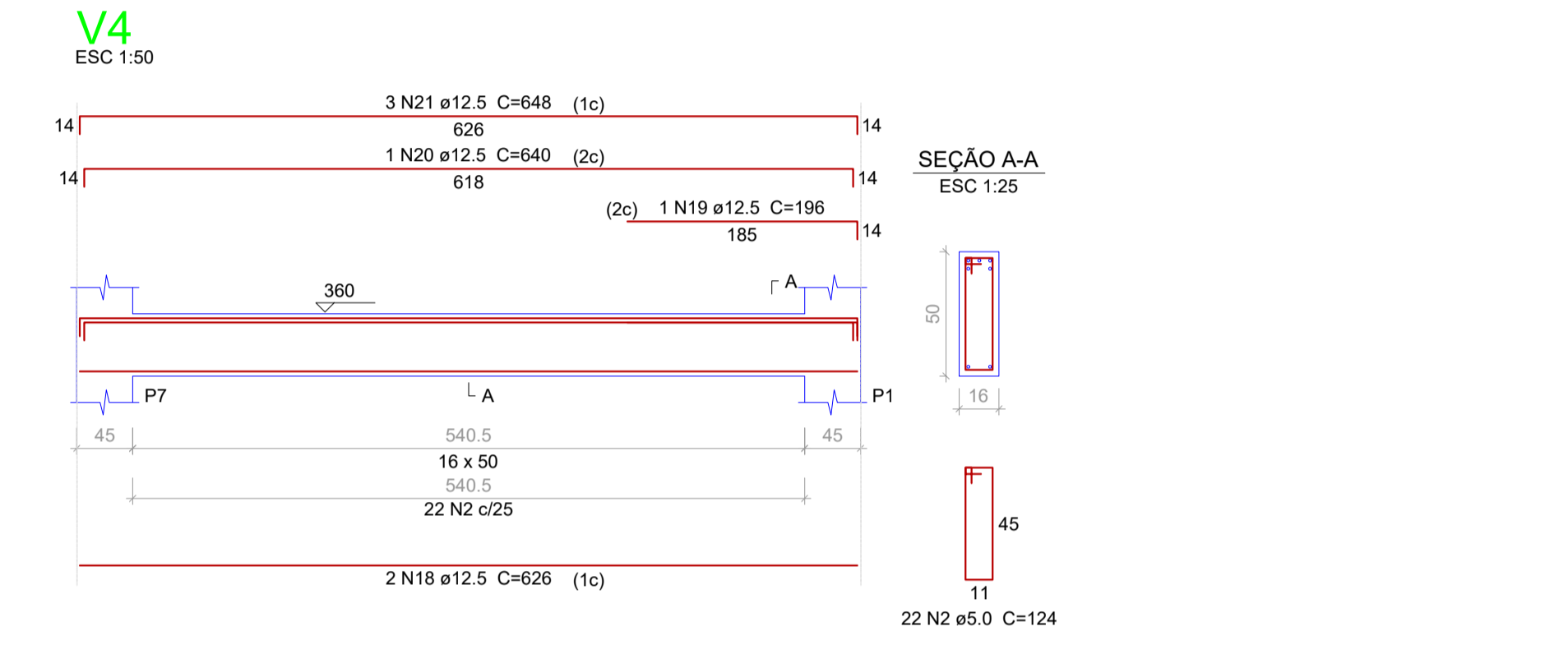
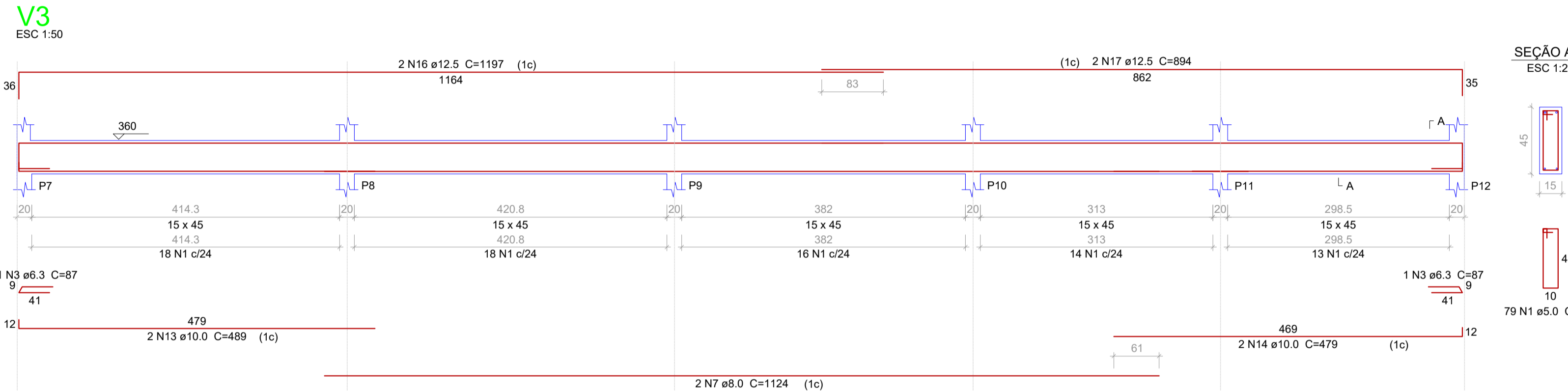


Relação do aço

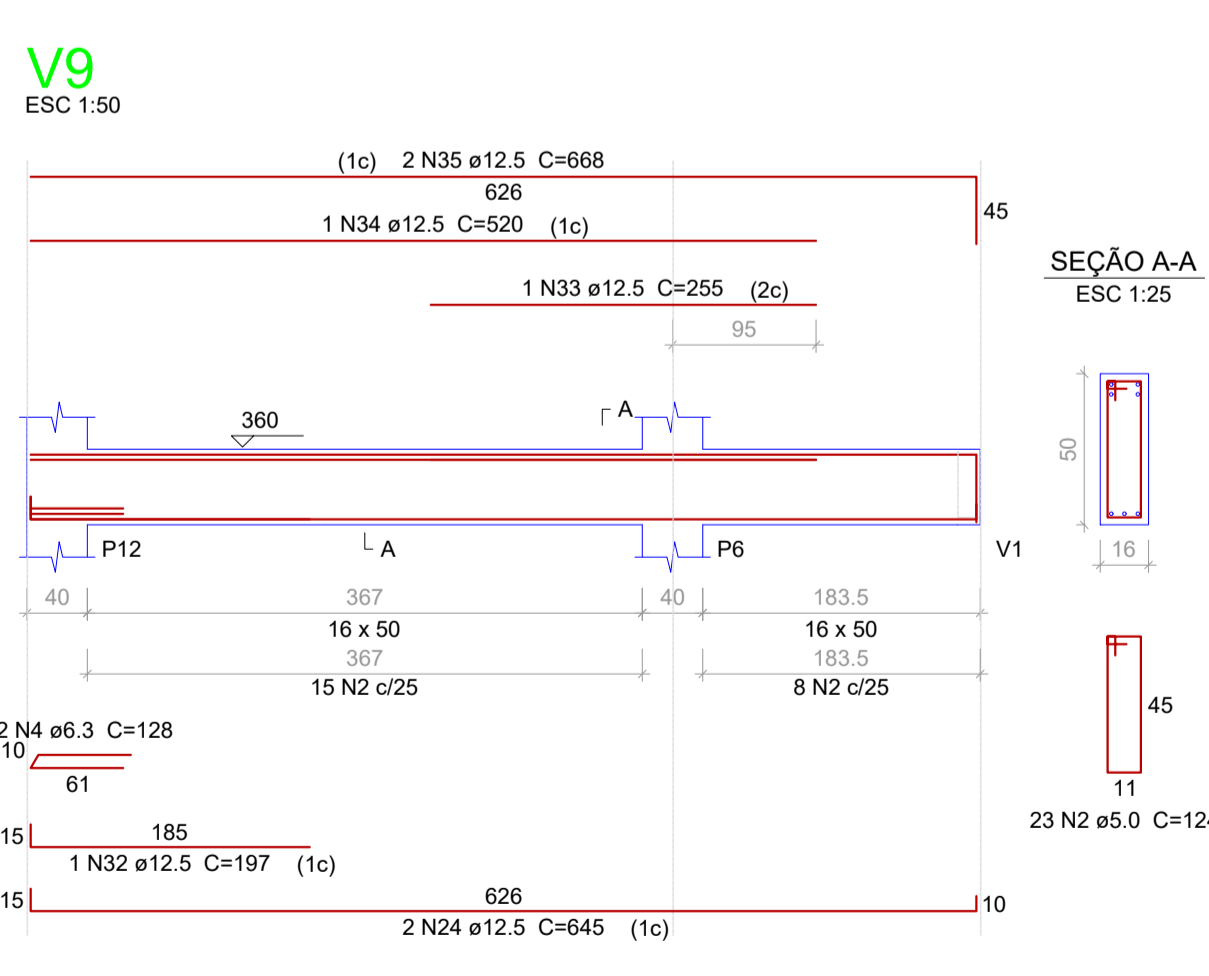
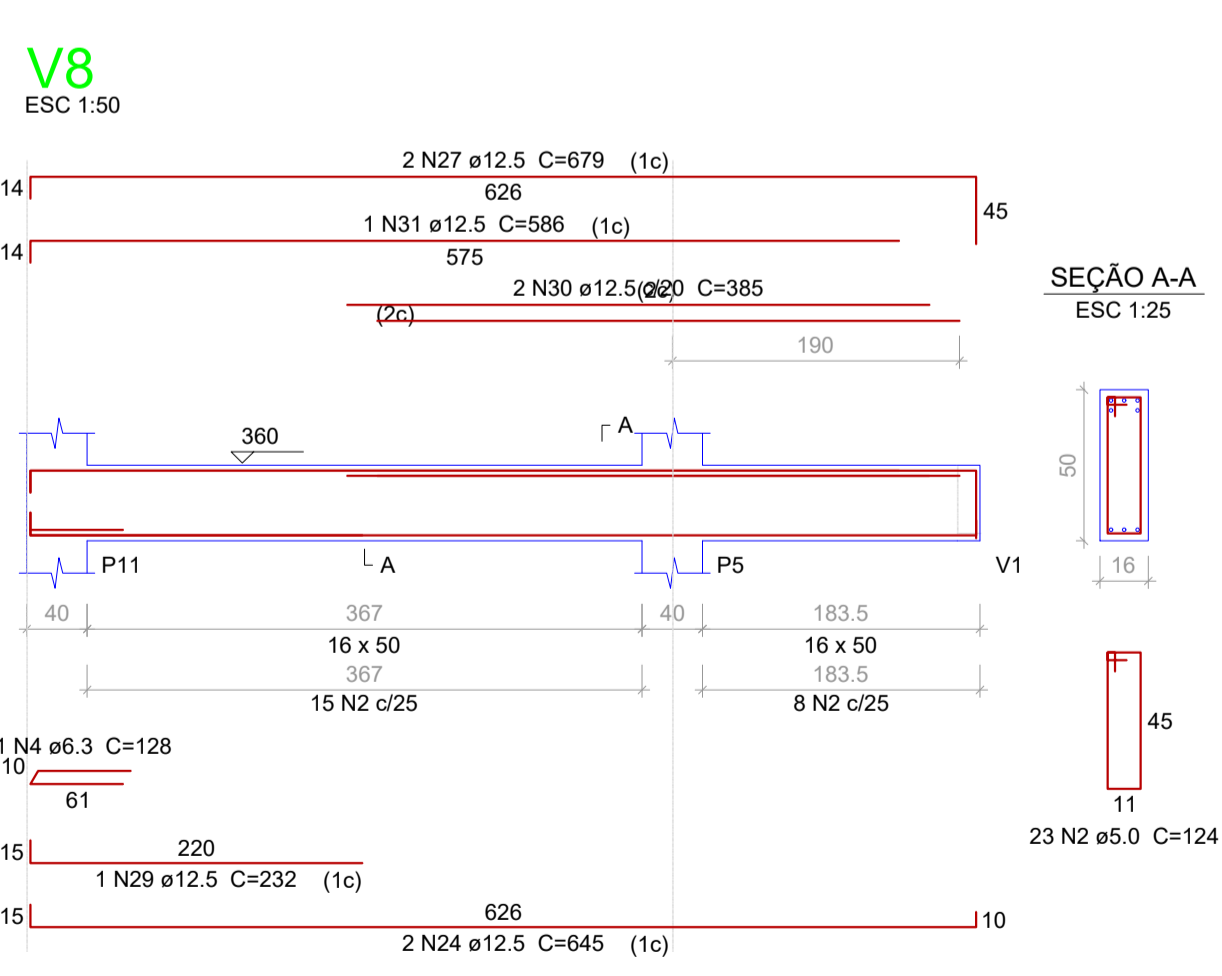
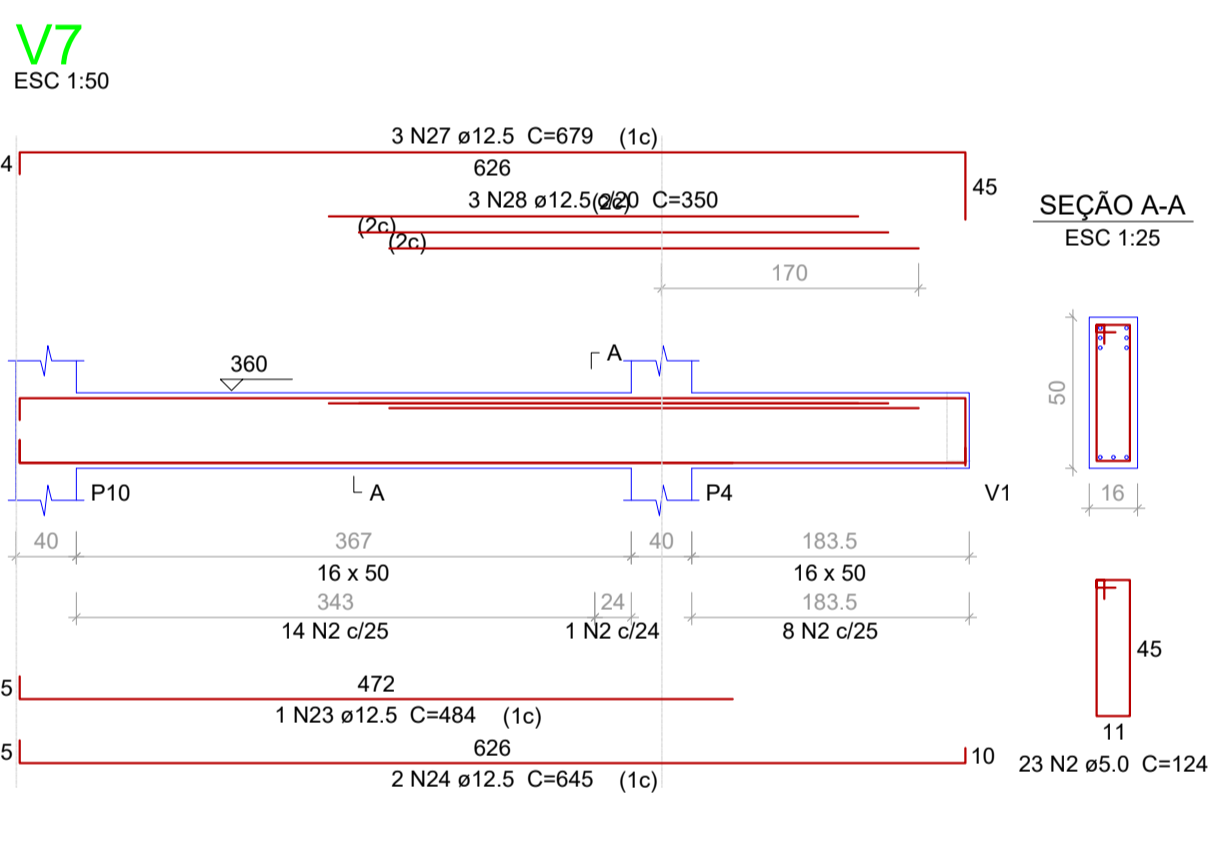
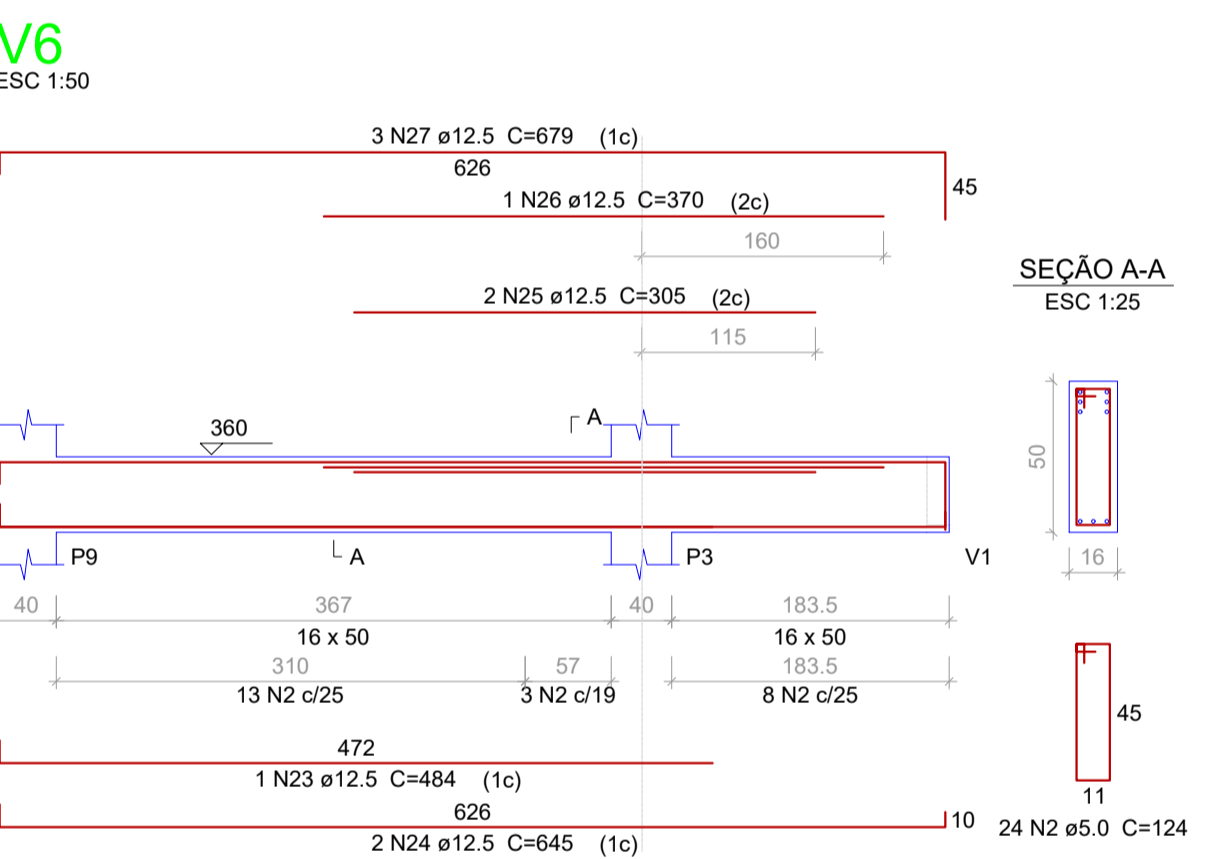
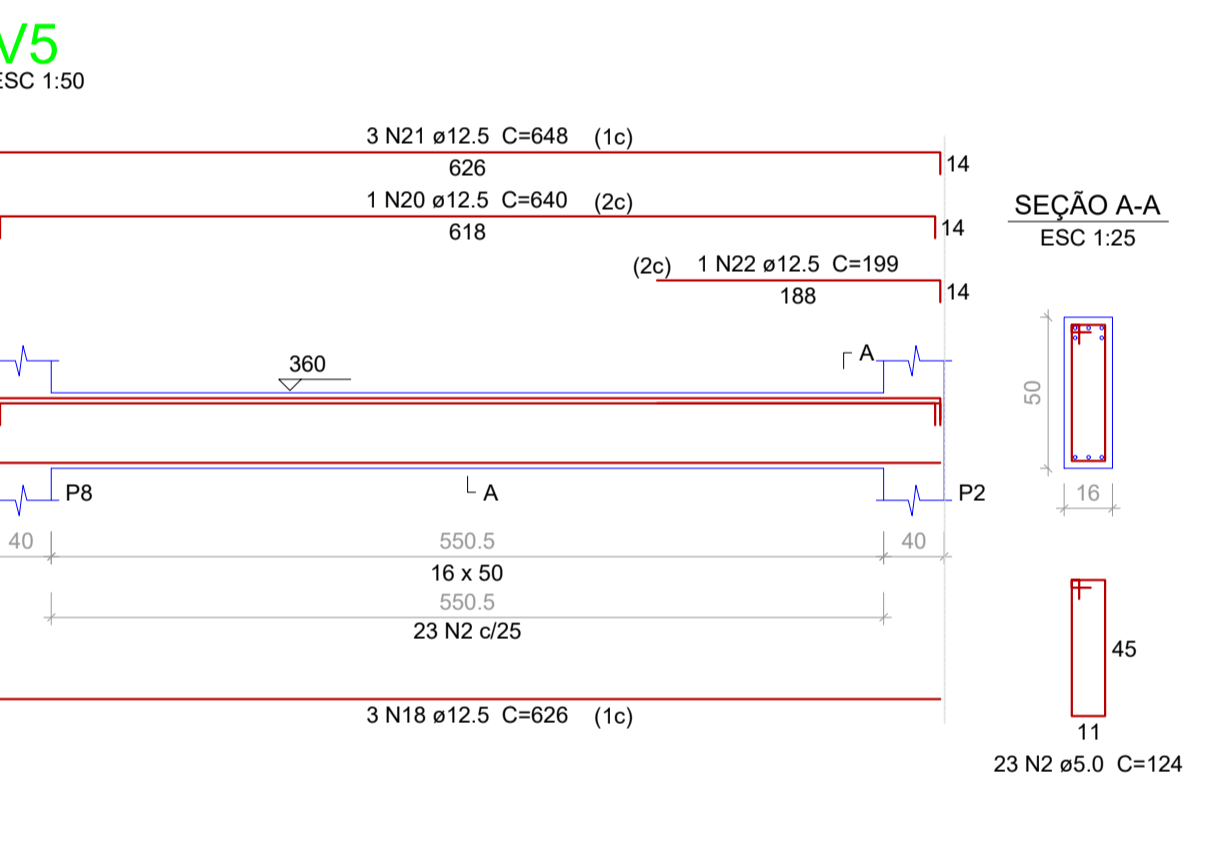
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	202	112	22624
	2	5.0	138	124	17112
CA50	3	6.3	3	87	261
	4	6.3	3	128	384
	5	8.0	2	919	1838
	6	8.0	2	1065	2130
	7	8.0	2	1124	2248
	8	10.0	1	127	127
	9	10.0	1	200	200
	10	10.0	2	1198	2396
	11	10.0	2	867	1734
	12	10.0	2	1088	2176
	13	10.0	2	489	978
	14	10.0	2	479	958
	15	12.5	2	1129	2258
	16	12.5	2	1197	2394
	17	12.5	2	894	1788
	18	12.5	5	626	3130
	19	12.5	1	196	196
	20	12.5	2	640	1280
	21	12.5	6	648	3888
	22	12.5	1	199	199
	23	12.5	2	484	968
	24	12.5	8	645	5160
	25	12.5	2	305	610
	26	12.5	1	370	370
	27	12.5	8	679	5432
	28	12.5	3	350	1050
	29	12.5	1	232	232
	30	12.5	2	385	770
	31	12.5	1	586	586
	32	12.5	1	197	197
	33	12.5	1	255	255
	34	12.5	1	520	520
	35	12.5	2	668	1336



Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	6.5	1.7
	8.0	62.2	27
	10.0	85.7	58.1
	12.5	326.2	345.7
CA60	5.0	397.4	67.4
PESO TOTAL			
CA50		432.5	
CA60		67.4	

Vol. de concreto total (C-25) = 6.38 m³
Área de forma total = 96.07 m²



Aprovações:

João Eduardo Della Justina
PREFEITO

Thiago Rocha Karnopp
RESPONSÁVEL TÉCNICO

PREFEITURA MUNICIPAL DE BOCAINA DO SUL

PROJETO ESTRUTURA DE AMPLIAÇÃO PARA UBS

VIGAS DO PAVIMENTO TÉRREO

PREFEITO João Eduardo Della Justina	DATA 30/11/2022	ESCALAS Indicadas
RESPONSÁVEL TÉCNICO Eng. Thiago Rocha Karnopp	CREA/SC n° 163030-6	PRANCHA 06/15