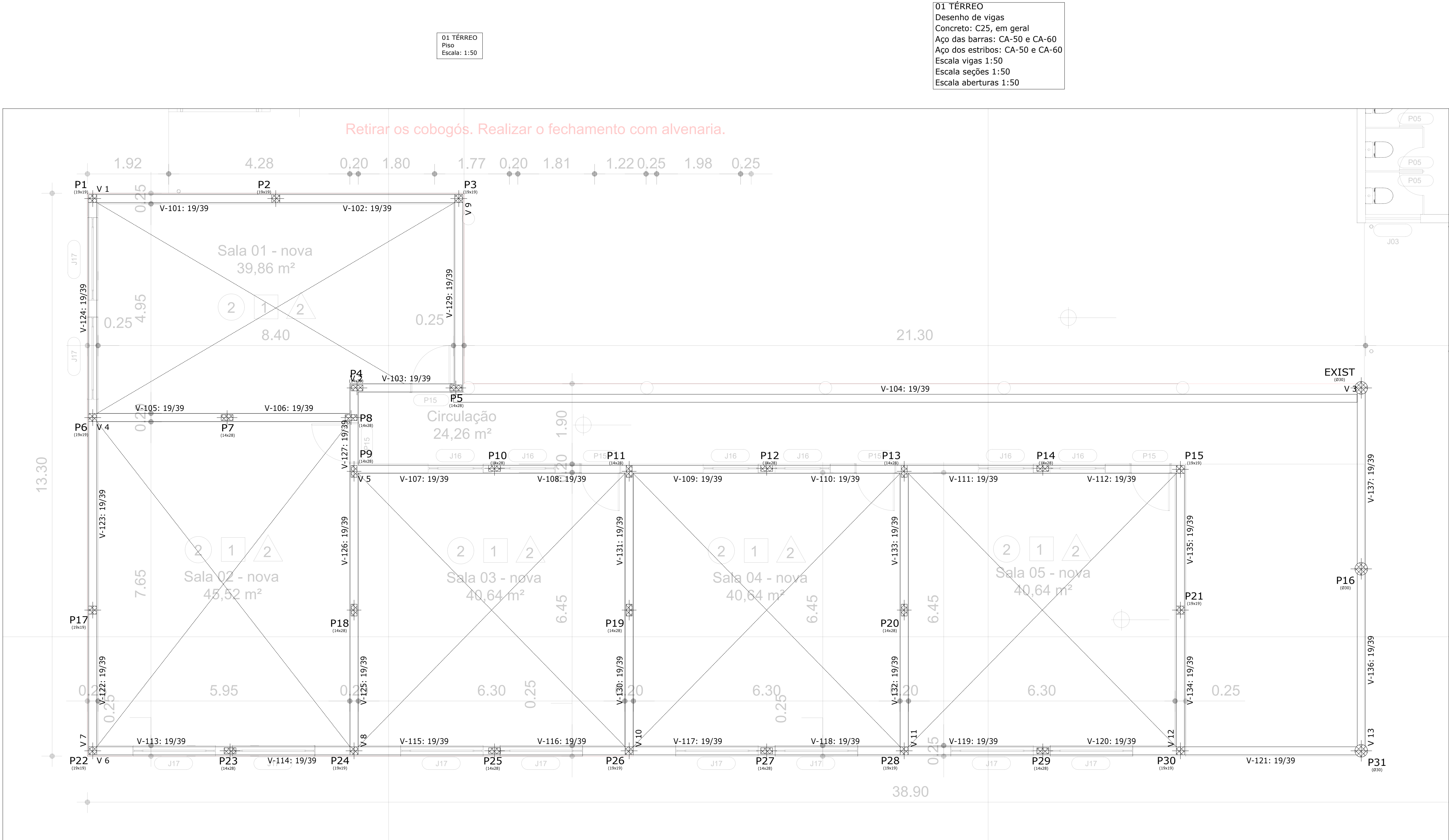
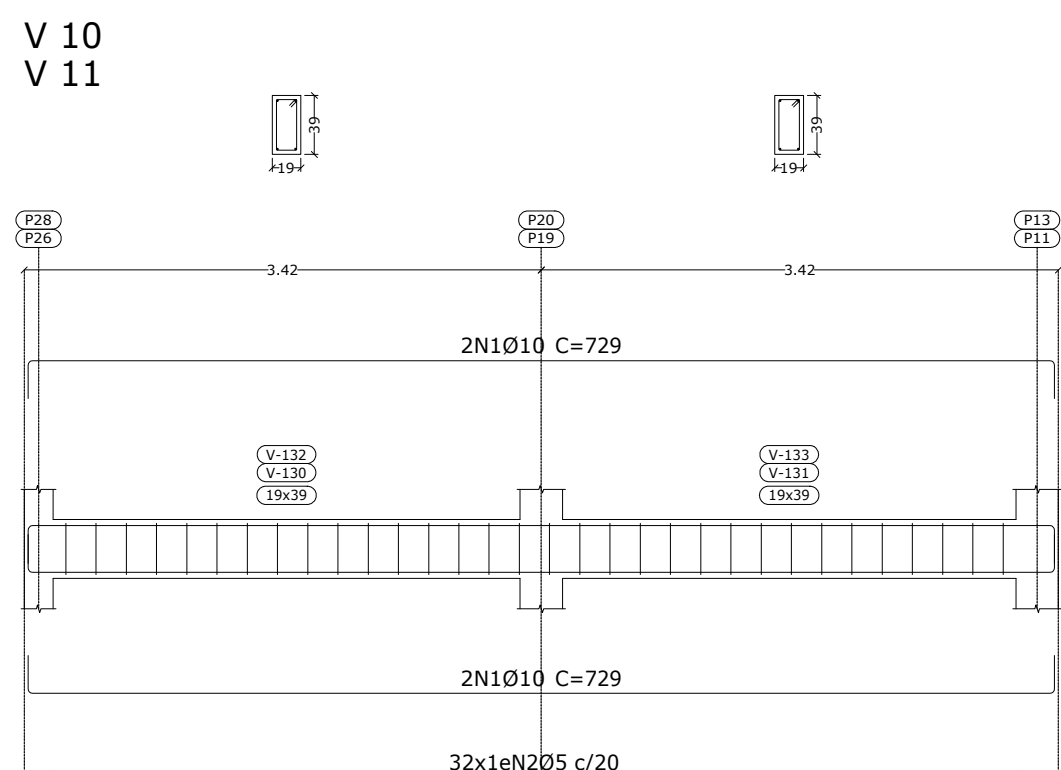
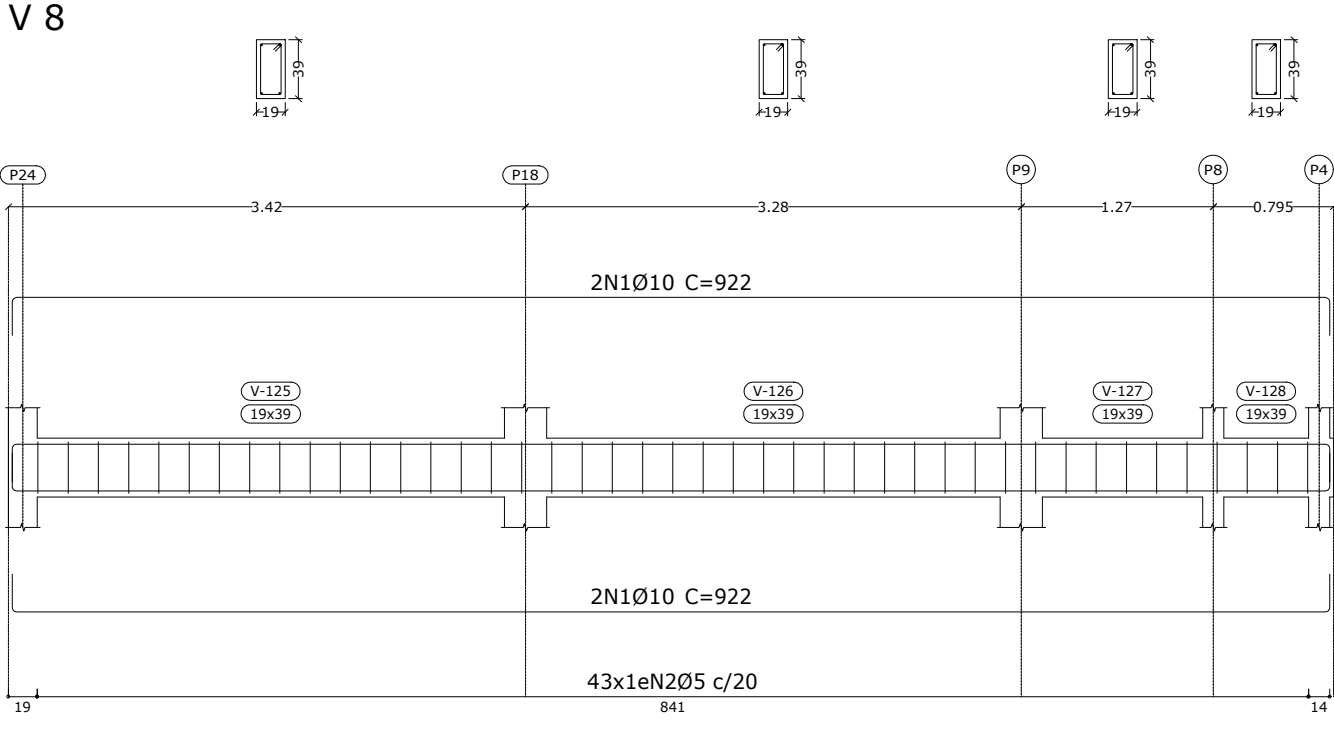
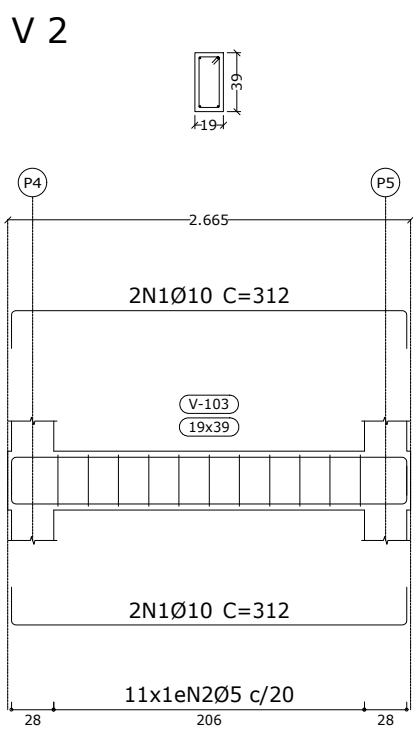
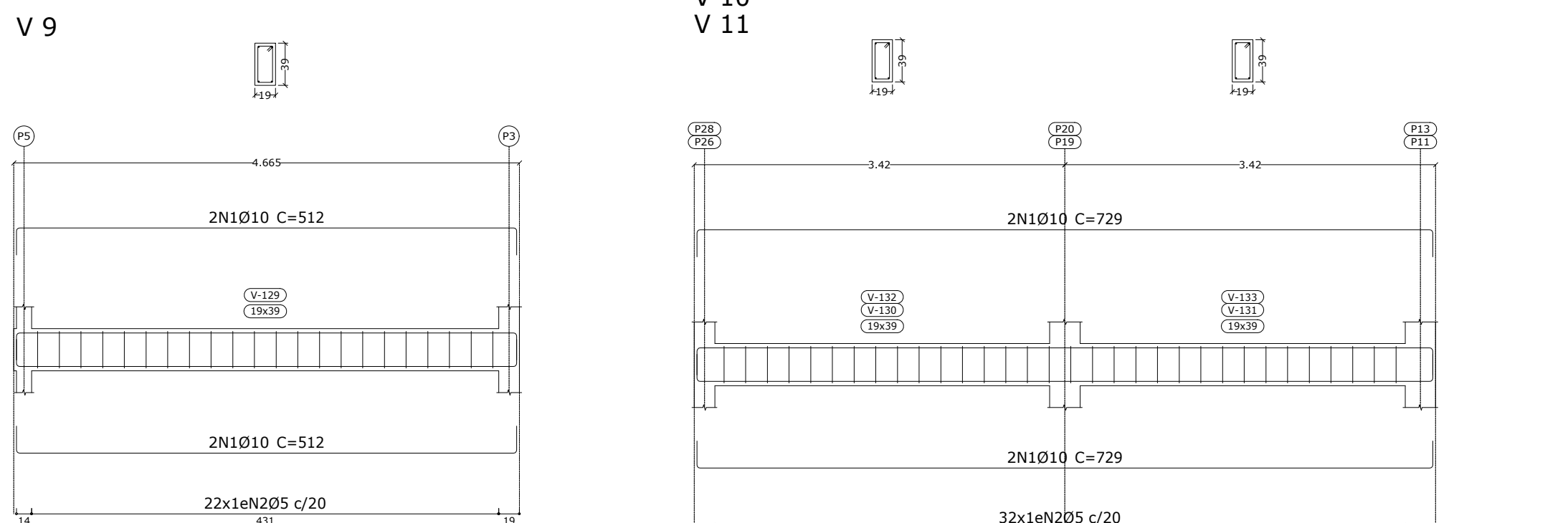
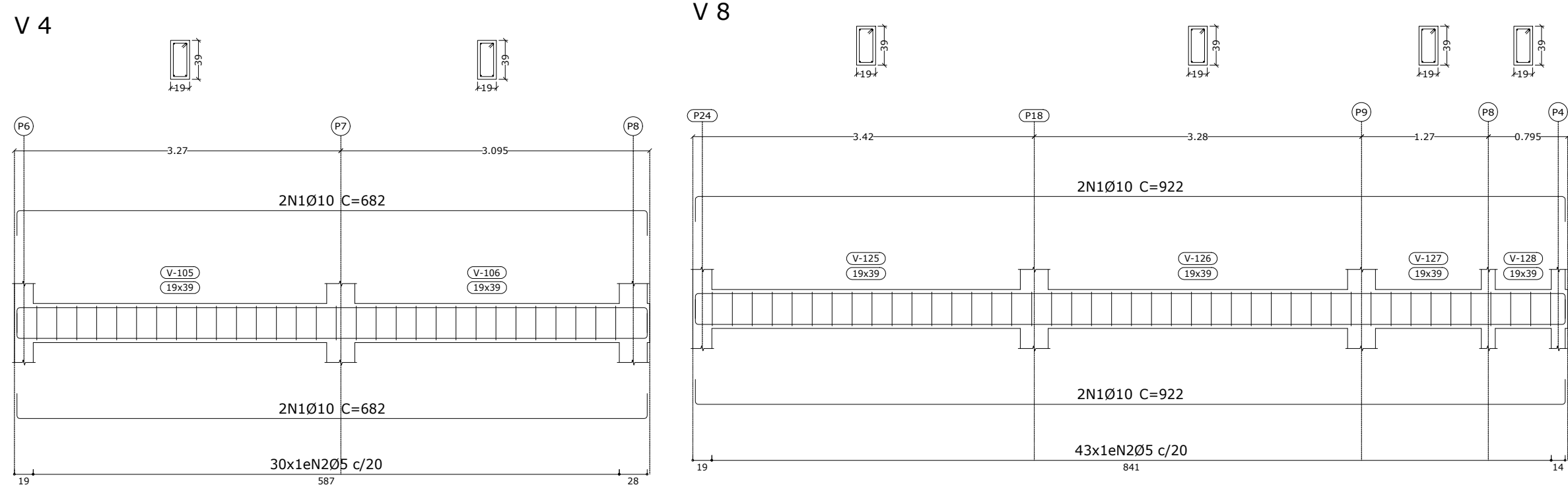
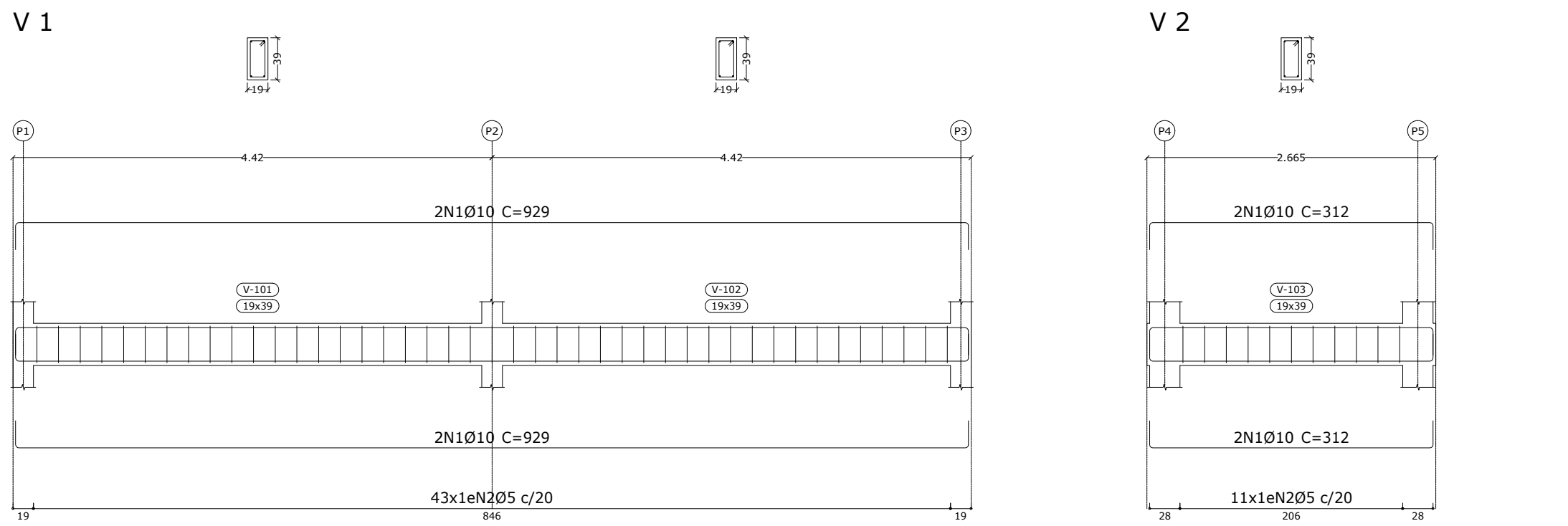




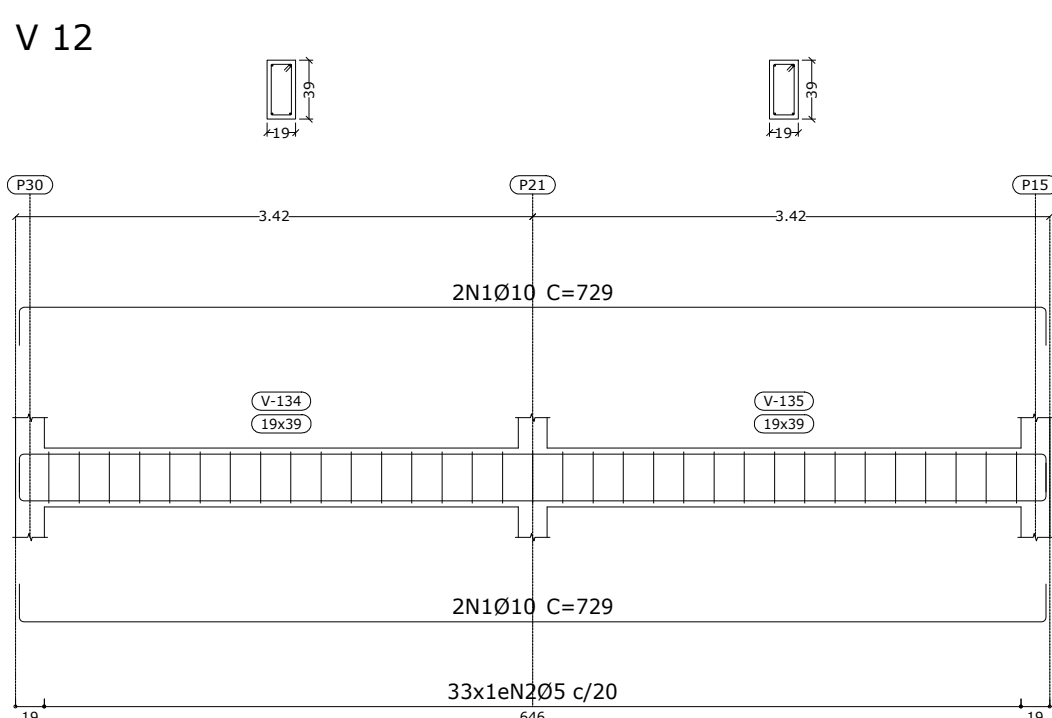
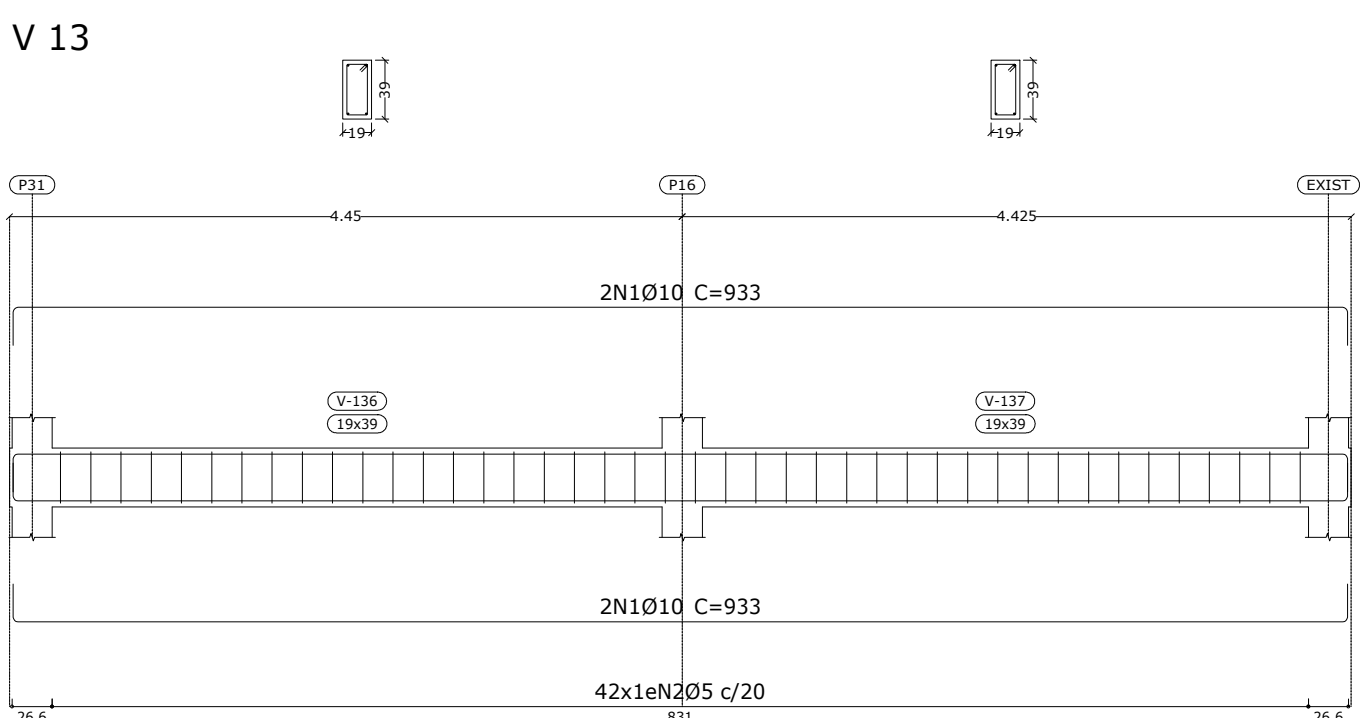
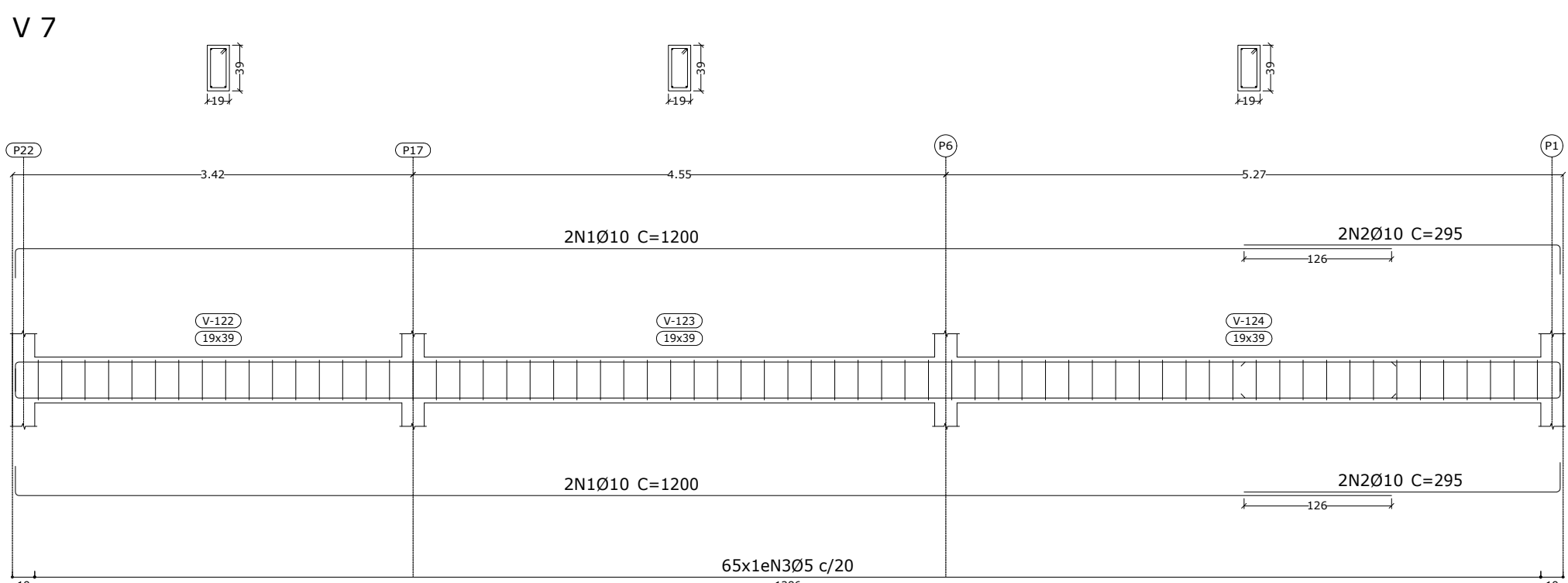
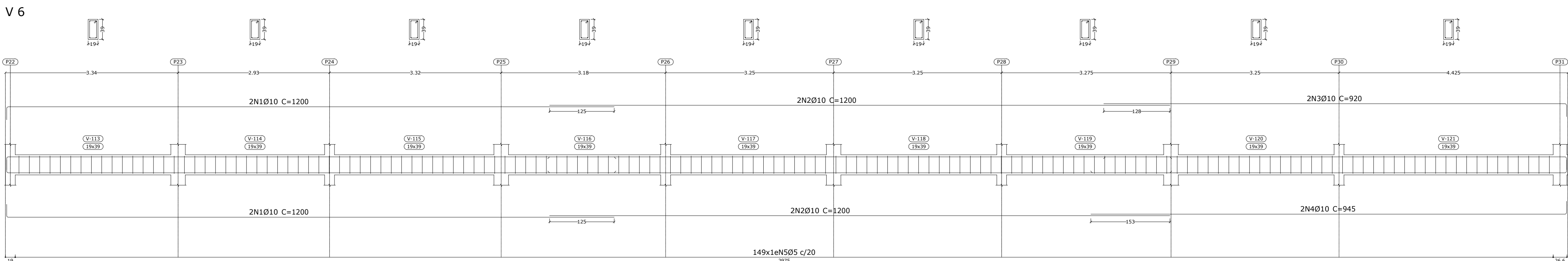
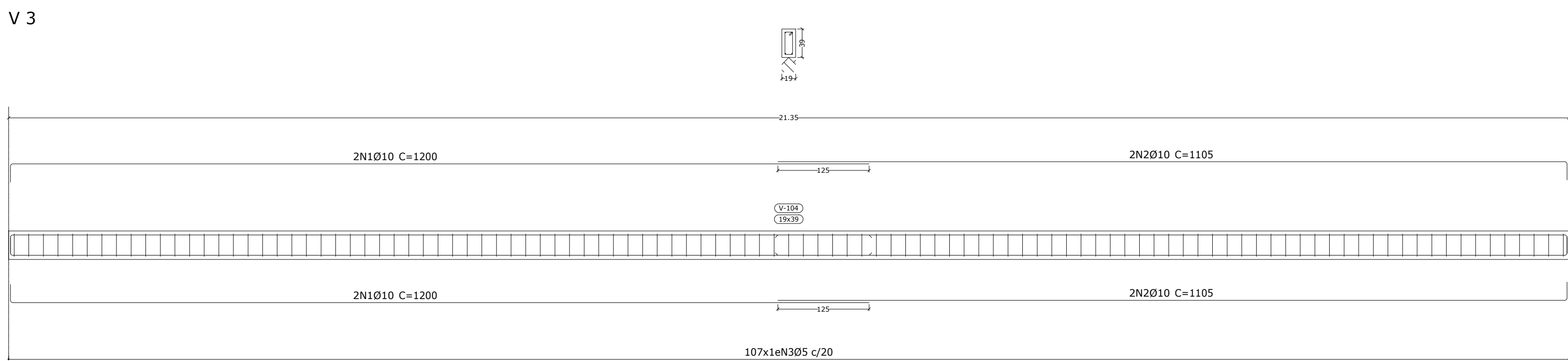
01 TÉRREO
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala aberturas 1:50



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total CA-50 (kg)	CA-60 (kg)
V 1	1	Ø10	4		929	3716	22.9
	2	Ø5	43		104	4472	7.0
Total+10%:						25.2	7.7
V 2	1	Ø10	4		312	1248	7.7
	2	Ø5	11		104	1144	1.8
Total+10%:						8.5	2.0
V 5	1	Ø10	4		1200	4800	29.6
	2	Ø10	4		945	3780	23.3
	3	Ø5	97		104	10088	15.8
Total+10%:						58.2	17.4
V 6	1	Ø10	4		1200	4800	29.6
	2	Ø10	2		920	1840	11.3
	4	Ø10	2		945	1890	11.6
	5	Ø5	149		104	15496	24.3
	Total+10%:					90.3	26.7
V 3	1	Ø10	4		1200	4800	29.6
	2	Ø10	4		1105	4420	27.2
	3	Ø5	107		92	9844	15.5
Total+10%:						62.5	17.1
V 7	1	Ø10	4		933	3732	23.0
	2	Ø10	4		295	1180	7.3
V 12	1	Ø10	4		729	2916	18.0
	2	Ø5	33		104	3432	5.4
Total+10%:						19.8	5.9
V 13	1	Ø10	4		933	3732	23.0
	2	Ø5	42		104	4368	6.9
V 8	1	Ø10	4		922	3688	22.7
	2	Ø5	43		104	4472	7.0
Total+10%:						25.3	7.6
V 4	1	Ø10	4		682	2728	16.8
	2	Ø5	30		104	3120	4.9
Total+10%:						18.5	5.4
V 9	1	Ø10	4		512	2048	12.6
	2	Ø5	22		104	2388	3.6
Total+10%:						13.9	4.0
V 10=V 11	1	Ø10	4		729	2916	18.0
	2	Ø5	32		104	3328	5.2
Total+10%:						19.8	5.7
Ø5: 0.0						124.6	11.4
Ø10: 427.4						0.0	0.0
Total: 427.4						124.6	11.4

Elemento	Formas	Superfície	Volume	Barras
Vigas	107.88	25.74	10.750	552
Pilares	15.90	-	0.790	186
Total	123.78	25.74	11.540	738
Índices (por m²)	-	-	0.427	27.28
Superfície total:	27.05 m²			

Resumo Aço	Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø10	630.2	427
CA-60	Ø5	721.4	125
Total			552



secretaria de planejamento

PREFEITURA MUNICIPAL DE CAMPO BOM

EME F MORADA DO SOL

local: AV MUNICIPAL, 250 | JARDIM DO SOL | CAMPO BOM/RS

proprietário: PREFEITURA MUNIC. CAMPO BOM

responsável técnico: WILLIAM MATEUS WOLLER

projeto

FORMAS E VIGAS TÉRREO

desenho: MATEUS

data: ABRIL/2028

escala: 1/50

projeto nº: E.02