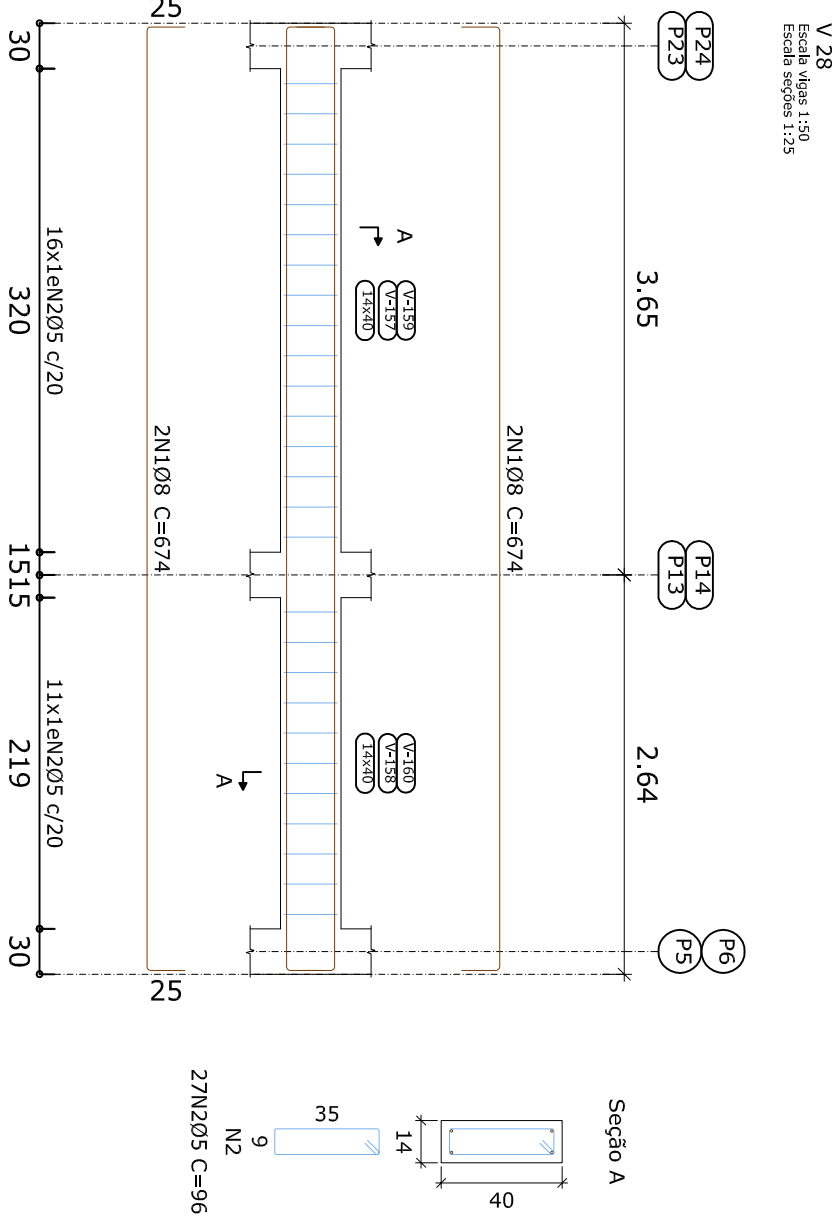
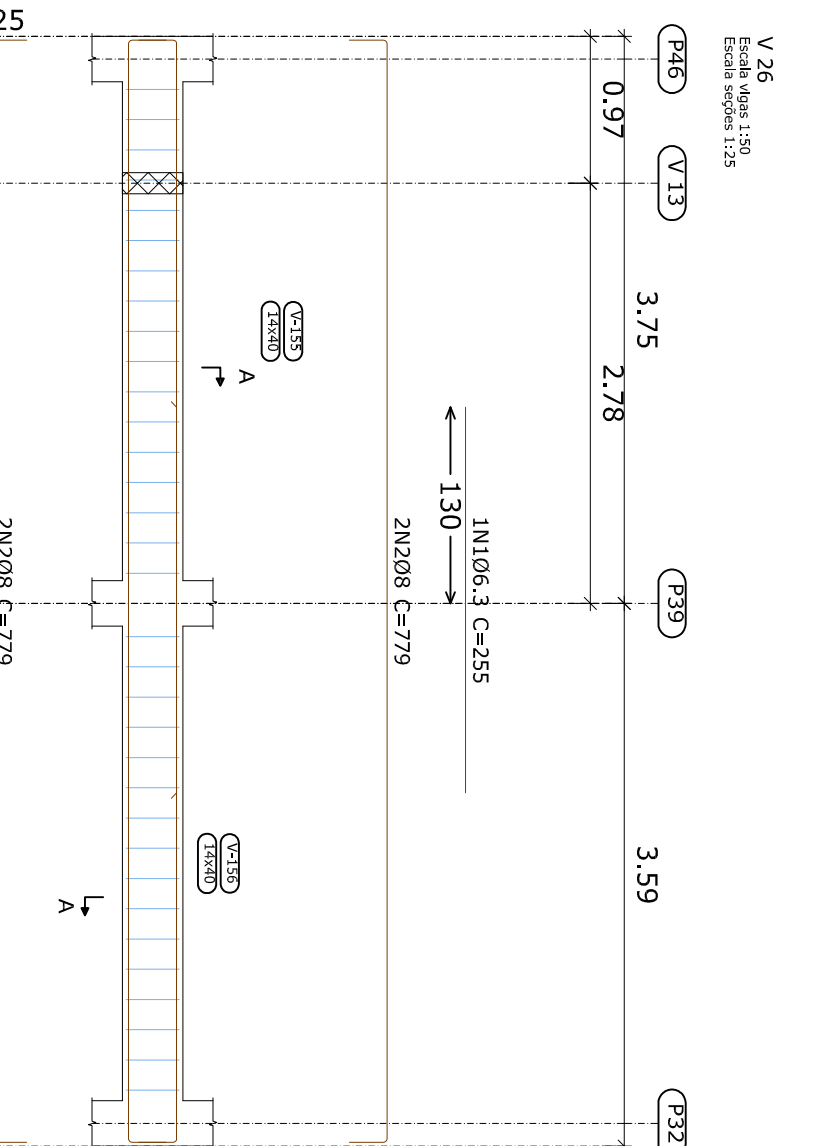
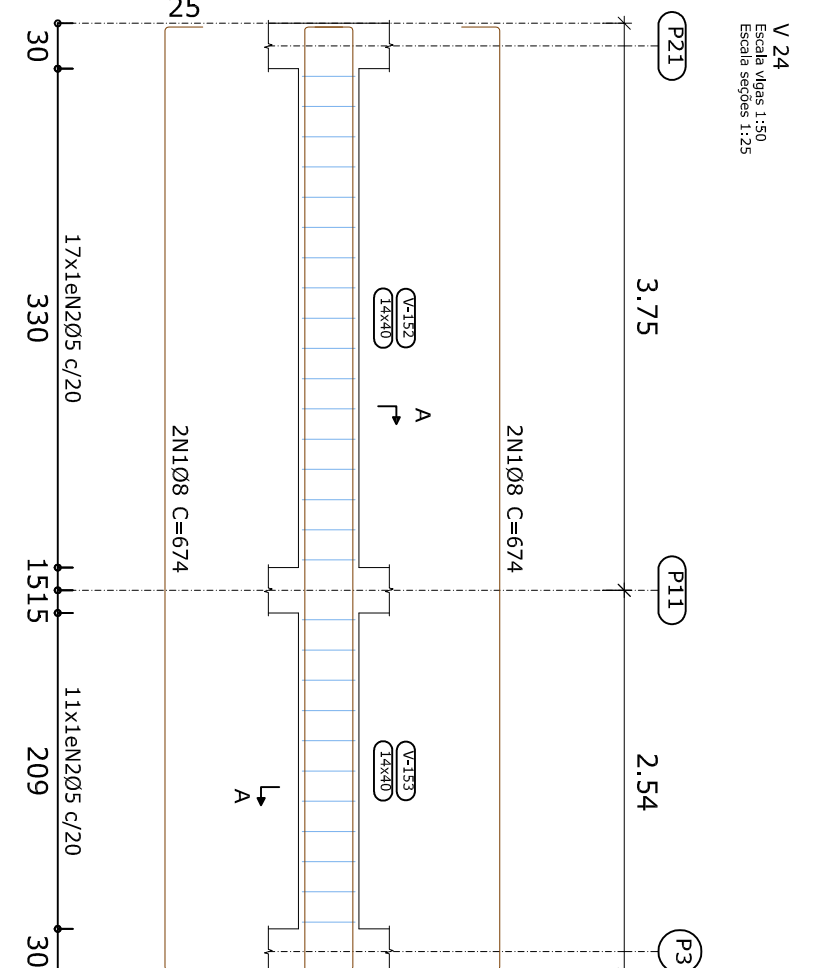
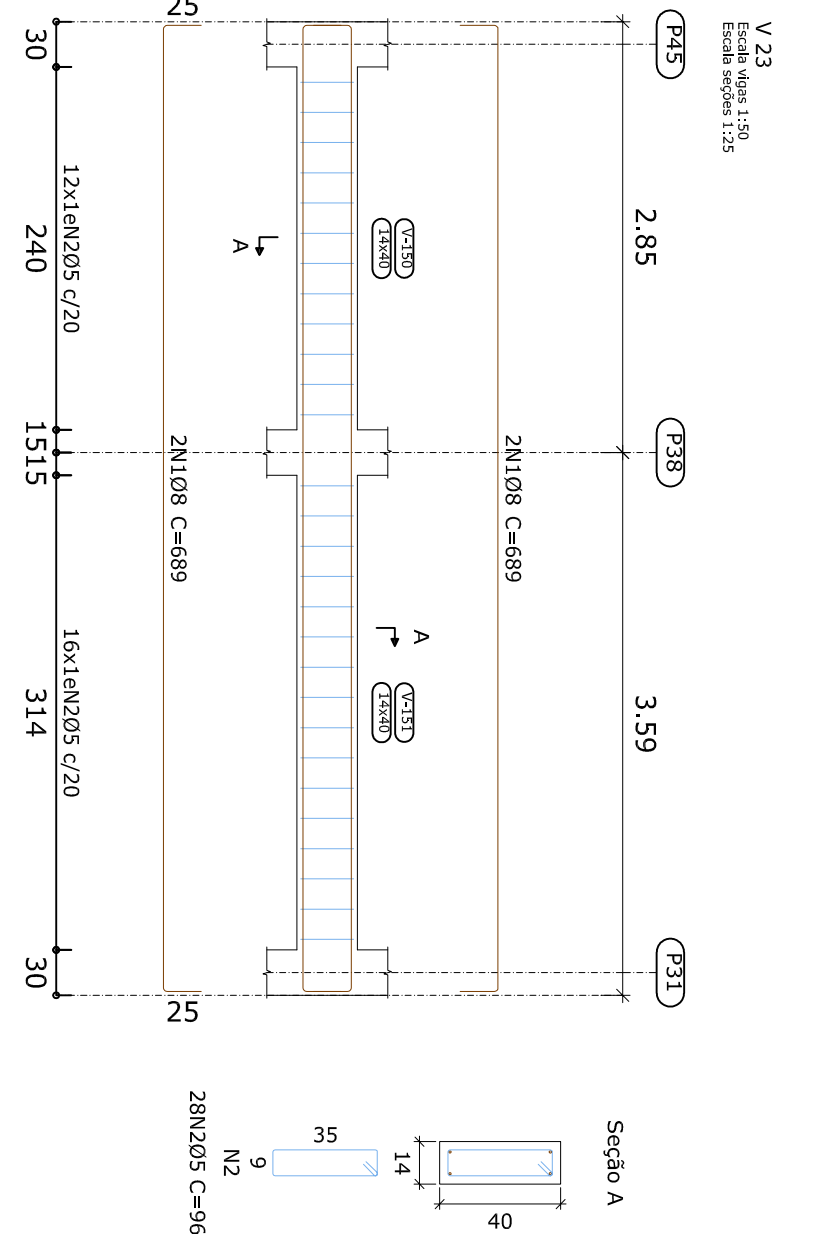
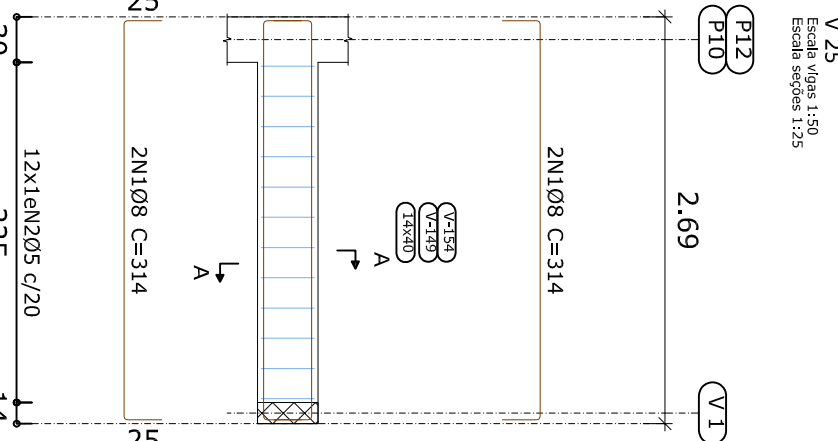
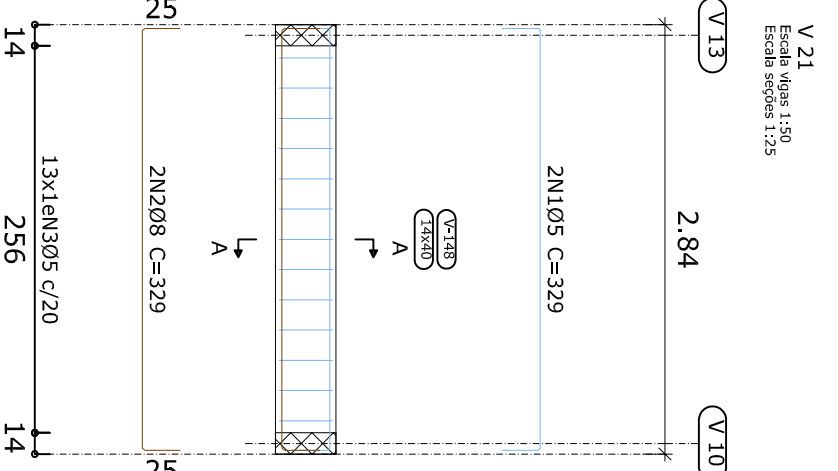
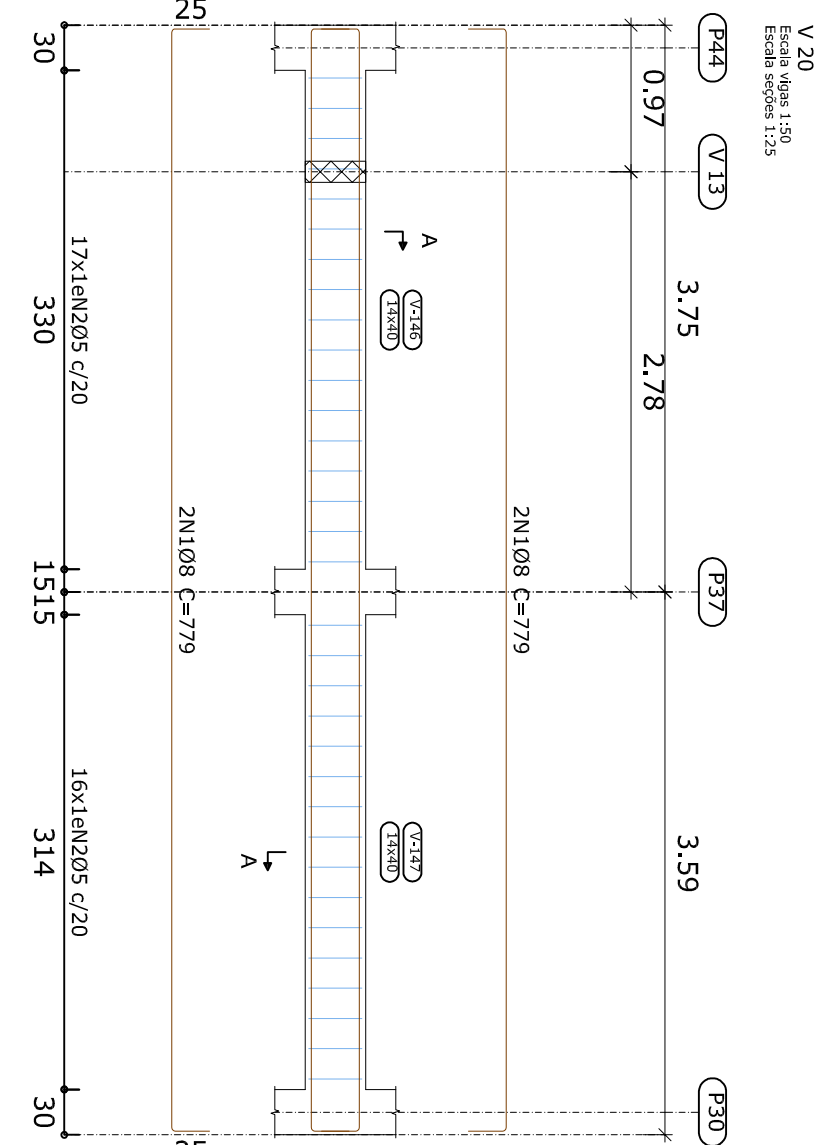


Resumo Aço	Comp. total	Peso+10%	Total
CA-50	06.3	59.2	16
Ø8	102.5	440	52
Ø10	77.3	52	15
Ø12.5	14.5	523	189
CA-60	05	1091.8	712
Total			

Baldrame  
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 seções 1:25



Elemento	Pos. Diam. Q.	Esquema (cm)	Comp. Total (kg)	CA-50 (kg)	CA-60 (kg)
V 16	1 08	4 274 16	274	1096	4.3
	2 05	11 96 9	96	1056	1.7
V 17	1 06.3	3 515 16	515	1545	3.8
	2 08	2 515 16	515	1030	4.1
V 18	3 05	22 96 9	96	2112	3.3
			Total=1056:	8.7	3.6
V 19	1 08	4 779 16	779	3116	12.3
	2 05	33 96 9	96	3168	5.0
V 20	1 08	4 779 16	779	3116	12.3
	2 05	33 96 9	96	3168	5.0
V 21	1 05	2 329 16	329	658	1.0
	2 08	2 329 16	329	658	2.6
V 22=V 25	3 05	13 96 9	96	1248	2.0
			Total=1056:	2.9	3.3
V 23	1 08	4 689 16	689	2756	10.9
	2 05	28 96 9	96	2688	4.2
V 24	1 08	4 674 16	674	2696	10.6
	2 05	28 96 9	96	2688	4.2
V 26	1 06.3	1 515 16	515	1545	3.8
	2 08	4 515 16	515	1030	4.1
V 27=V 28	3 05	33 96 9	96	3168	5.0
			Total=1056:	14.2	5.5
	1 08	4 779 16	674	2696	10.6
	2 05	27 96 9	96	2592	4.1
	1 08	4 779 16	779	3116	12.3
	2 05	33 96 9	96	3168	5.0
	1 08	4 674 16	674	2696	10.6
	2 05	27 96 9	96	2592	4.1
	1 08	4 779 16	779	3116	12.3
	2 05	33 96 9	96	3168	5.0
	1 08	4 674 16	674	2696	10.6
	2 05	27 96 9	96	2592	4.1
	1 08	4 779 16	779	3116	12.3
	2 05	33 96 9	96	3168	5.0
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