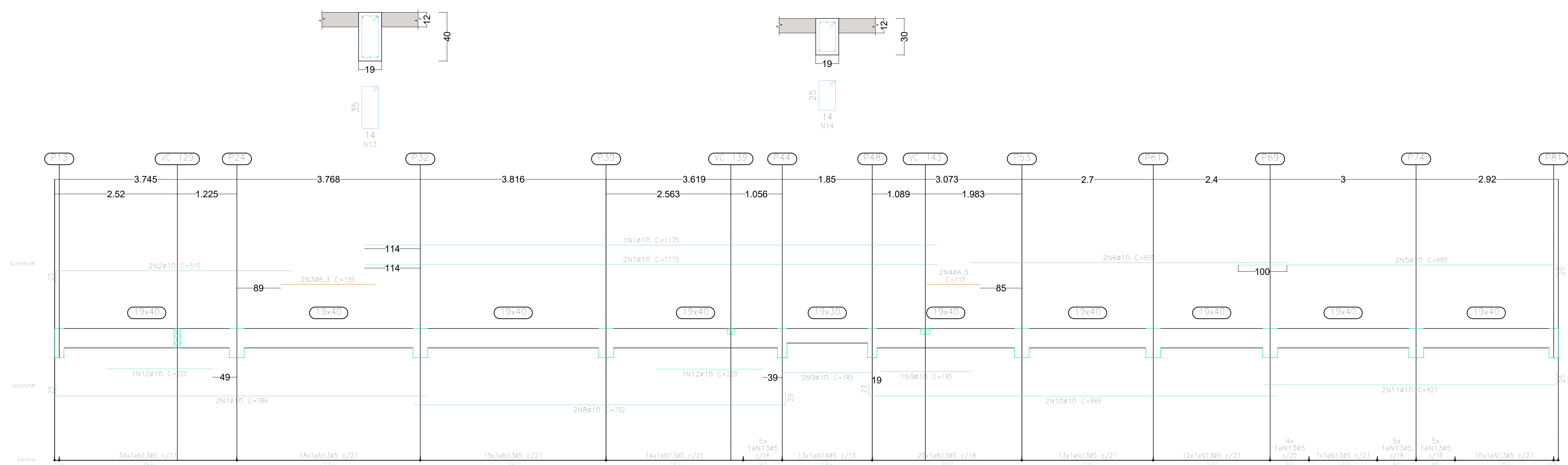
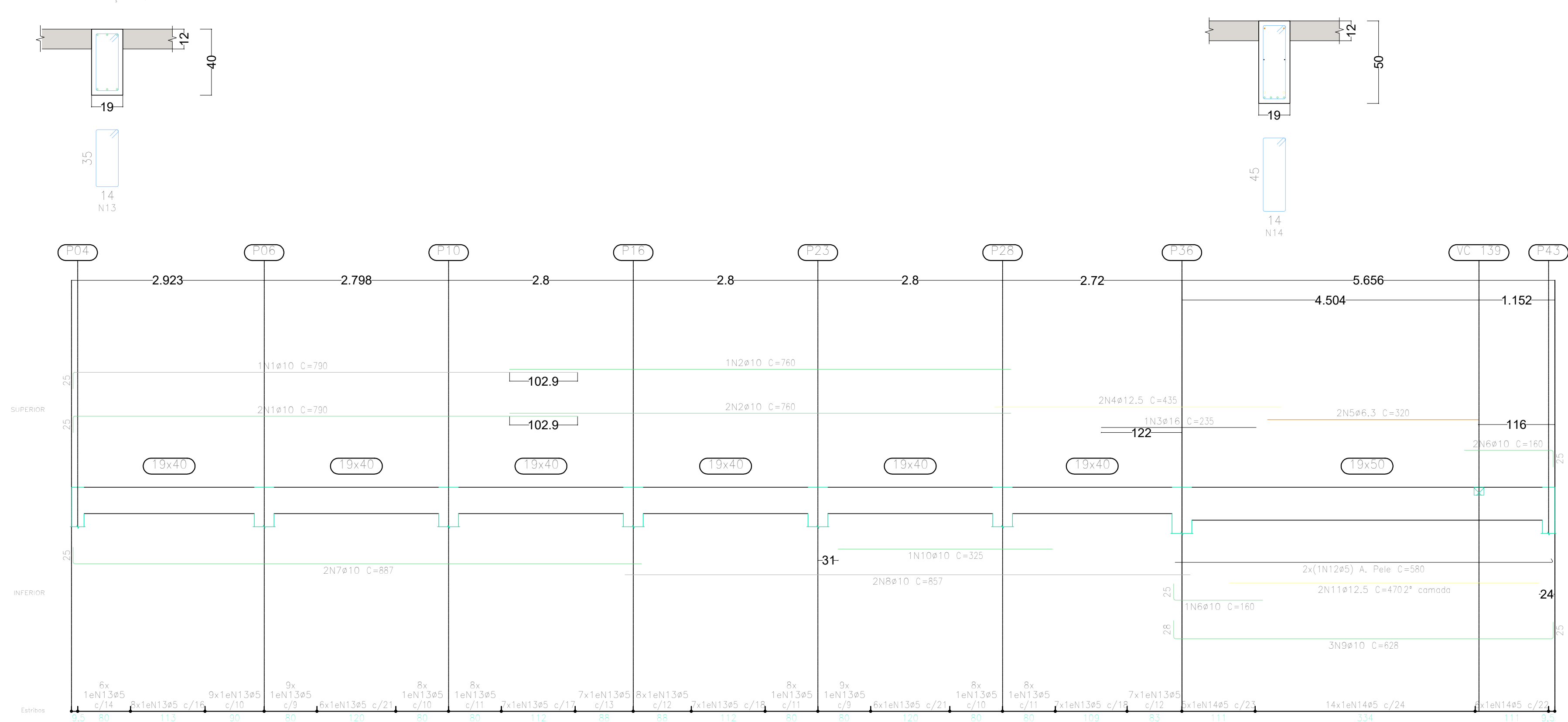


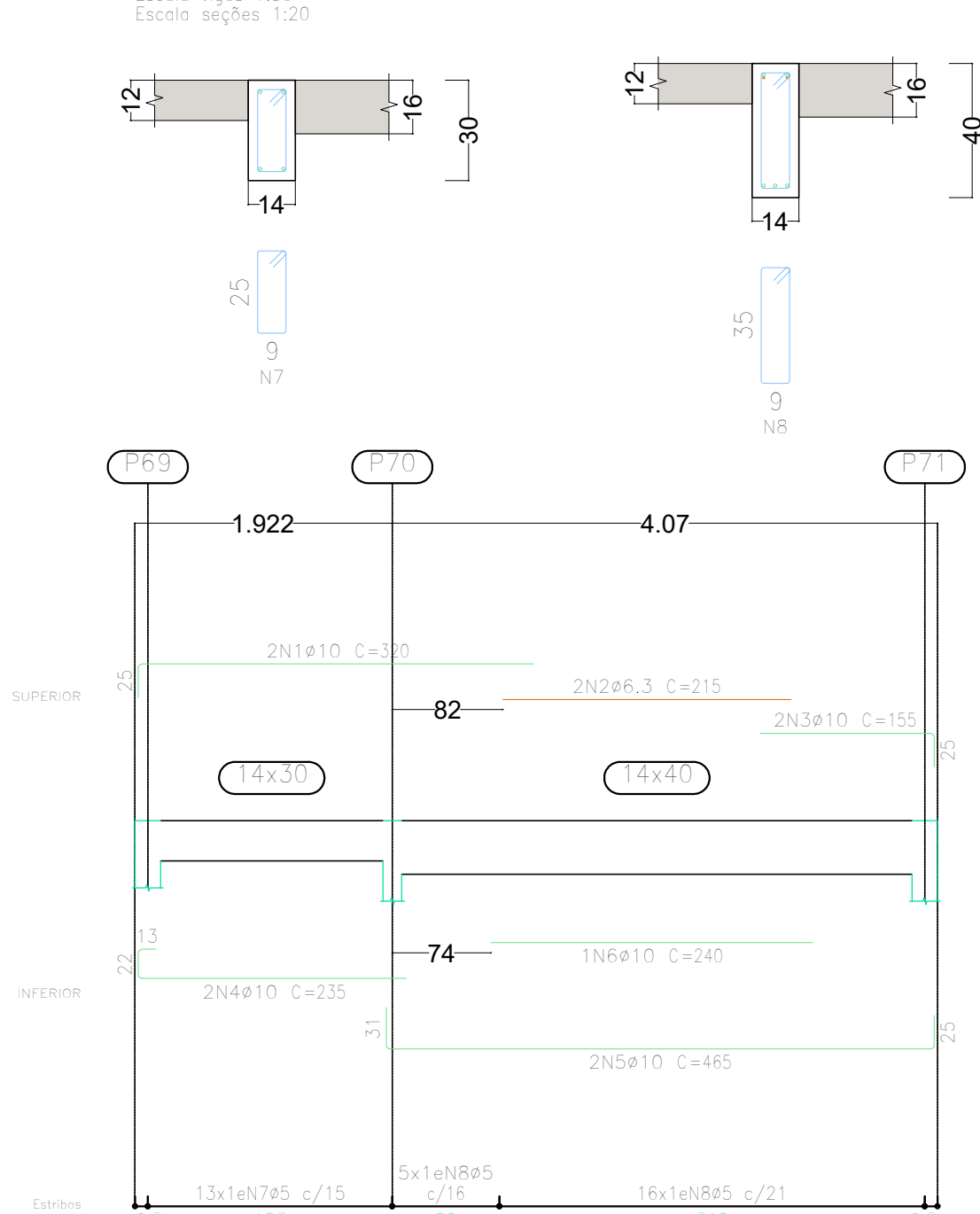
VC 102  
Escala vigas 1:50  
Escala seções 1:20



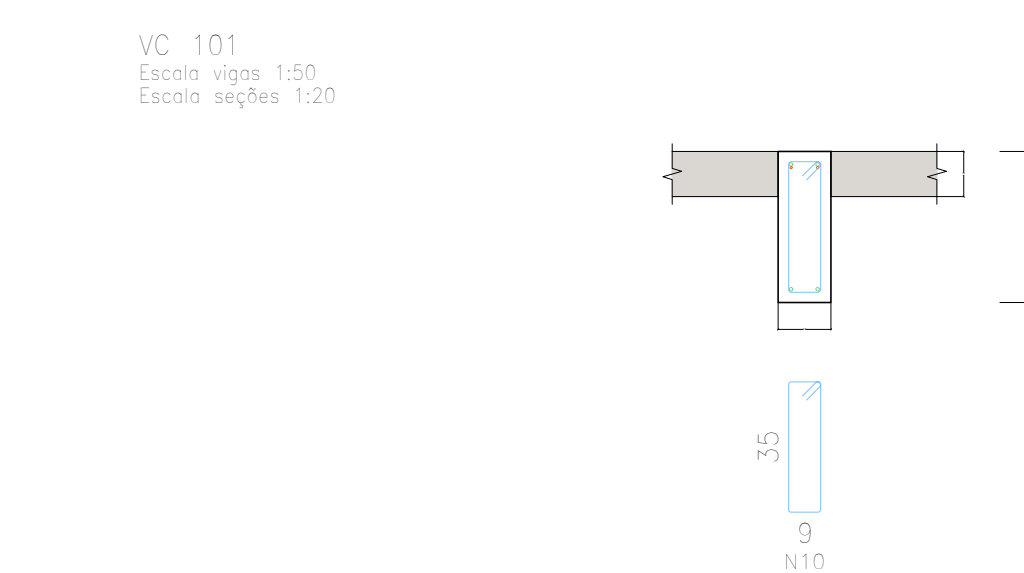
VC 103  
Escala vigas 1:50  
Escala seções 1:20



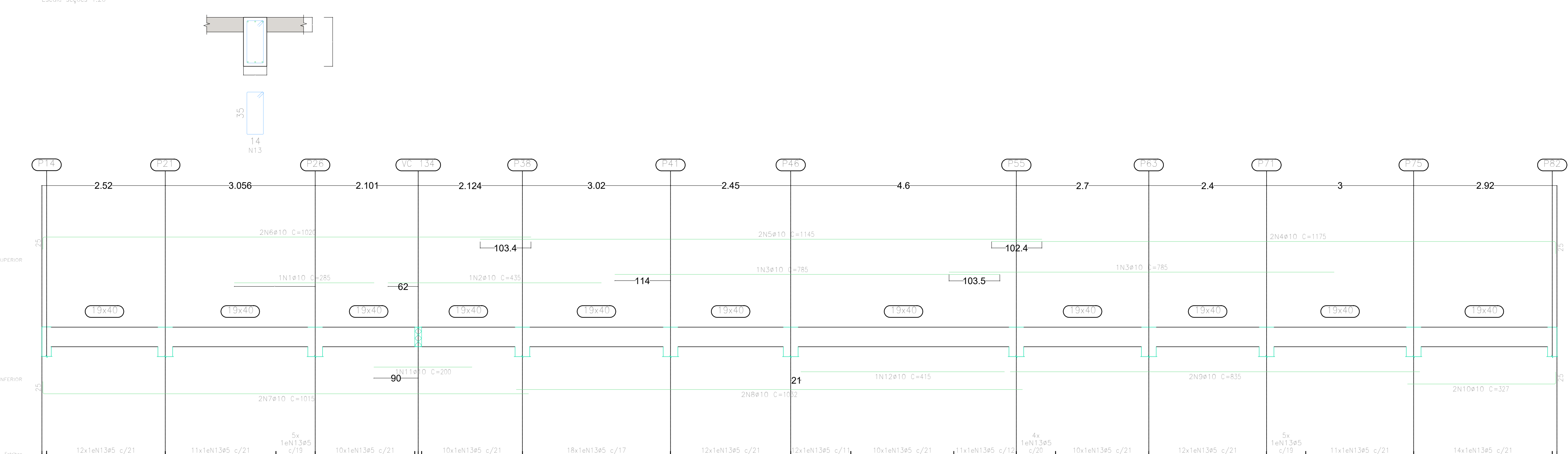
VC 152  
Escala vigas 1:50  
Escala seções 1:20



VC 101  
Escala vigas 1:50  
Escala seções 1:20

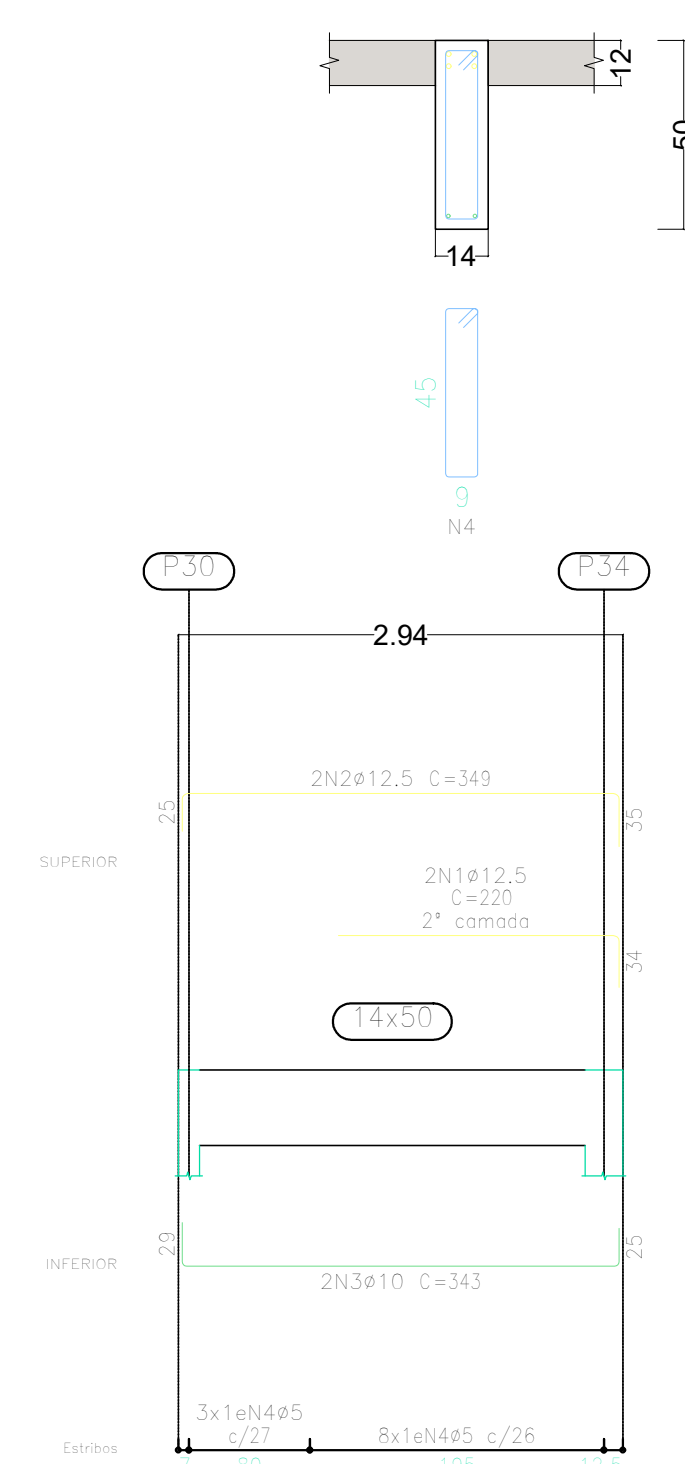


VC 100  
Escala vigas 1:50  
Escala seções 1:20

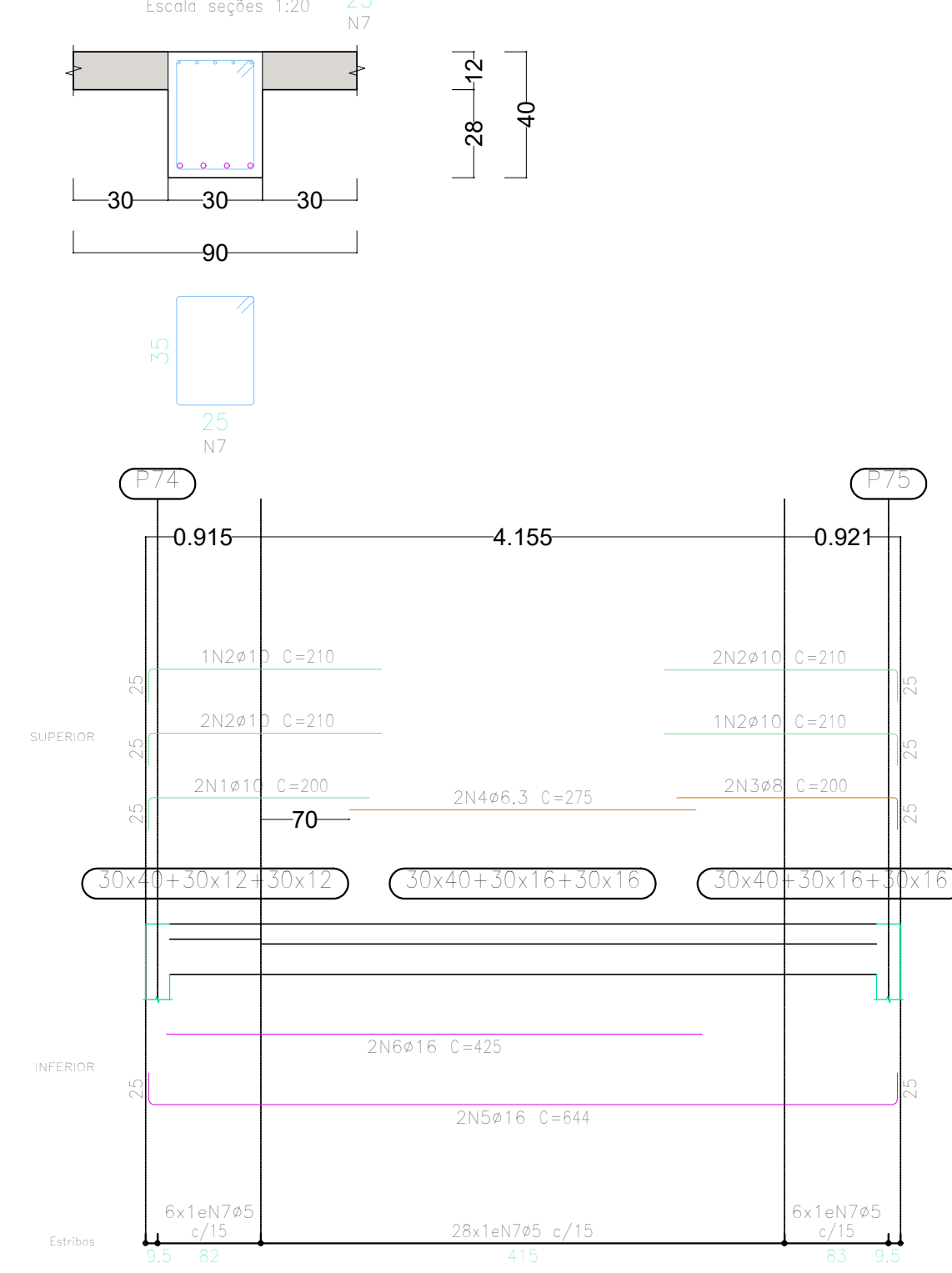


Cobertura  
Desenho de vigas  
Concreto: C30, usina.rigor  
Aço das barras: CA-50 e CA-60  
Aço dos estribos: CA-50 e CA-60  
Escala vigas 1:50  
Escala seções 1:20  
Escala aberturas 1:20

VC 111  
Escala vigas 1:50  
Escala seções 1:20



VC 155  
Escala vigas 1:50  
Escala seções 1:20



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Totol (cm)	CA-50 (kg)	CA-60 (kg)
VC 100	1	#10	1		280	280	1.8	
	2	#10	1		435	435	2.7	
	3	#10	2		785	1570	5.7	
	4	#10	2		1170	2339	14.5	
	5	#10	2		1145	2220	14.1	
	6	#10	2		1020	2040	12.8	
	7	#10	2		1915	3830	23.5	
	8	#10	2		1020	2040	12.7	
	9	#10	2		435	870	5.3	
	10	#10	2		327	654	4.0	
	11	#10	1		280	280	1.8	
	12	#10	1		415	415	2.6	
	13	#5	167		106	17702		27.8
VC 101	1	#10	2		475	950	5.9	
	2	#6.3	2		200	400	1.0	
	3	#10	2		320	640	4.1	
	4	#6.3	2		240	480	2.4	
	5	#10	2		270	540	3.3	
	6	#10	2		450	900	6.0	
	7	#10	2		1072	2144	13.2	
	8	#10	2		1000	2000	12.5	
	9	#10	2		230	460	3.5	
	10	#5	198		96	10368		16.3
VC 102	1	#10	2		1150	2300	14.7	
	2	#10	2		510	1020	6.3	
	3	#6.3	2		190	380	1.0	
	4	#6.3	2		170	340	0.5	
	5	#10	2		660	1320	8.4	
	6	#10	2		600	1200	7.5	
	7	#10	2		186	372	3.7	
	8	#10	2		792	1584	9.8	
	9	#10	2		185	370	3.4	
	10	#10	2		865	1730	10.7	
	11	#10	2		807	1614	9.7	
	12	#10	2		220	440	2.7	
	13	#5	166		106	17506		27.6
	14	#5	13		86	1118		1.8
VC 103	1	#10	1		780	780	4.6	
	2	#10	1		960	960	5.0	
	3	#6.3	2		220	440	1.8	
	4	#12.5	2		435	870	8.4	
	5	#6.3	2		320	640	1.8	
	6	#10	2		160	320	3.0	
	7	#10	2		887	1774	10.9	
	8	#10	2		857	1714	10.6	
	9	#10	2		628	1256	11.6	
	10	#10	1		325	325	2.0	
	11	#12.5	2		470	940	9.1	
	12	#5	136		580	1160		1.8
	13	#5	136		106	14416		22.6
	14	#5	30		126	3150		4.9
VC 111	1	#12.5	2		220	440	6.2	
	2	#12.5	2		349	698	6.7	
	3	#10	2		363	694	4.2	
	4	#5	11		116	1276		2.0
VC 102	1	#10	2		520	1040	3.0	
	2	#6.3	2		215	430	1.1	
	3	#10	2		155	310	1.0	
	4	#10	2		235	470	2.9	
	5	#10	2		445	890	5.7	
	6	#10	1		240	240	1.5	
	7	#5	12		76	968		1.6
	8	#5	21		96	2016		3.2
VC 155	1	#10	2		200	400	2.5	
	2	#10	2		210	420	2.8	
	3	#5	2		200	400	1.6	
	4	#6.3	2		275	550	1.3	
	5	#16	2		644	1288	20.3	
	6	#16	2		825	1650	13.4	
	7	#5	40		128	5120		8.0
							85	8.0
							86	8.0
							88	1.8
							810	108.8
							#12.5	21.3
							816	41.1
							106	452.5

REVISÃO			
N	DESCRIÇÃO	DATA	AUTOR



UBS COHAB

ARMACAO VIGAS COBERTURA-1

ESTRADA LUCINDA DE JESUS SILVA Nº 441



ESCALA: S. ESC.

REVISÃO: ROO

DIAGRAMAS

NOME DO ARQUIVO: F09\_13\_ARM\_VIG\_COB\_1

09/13