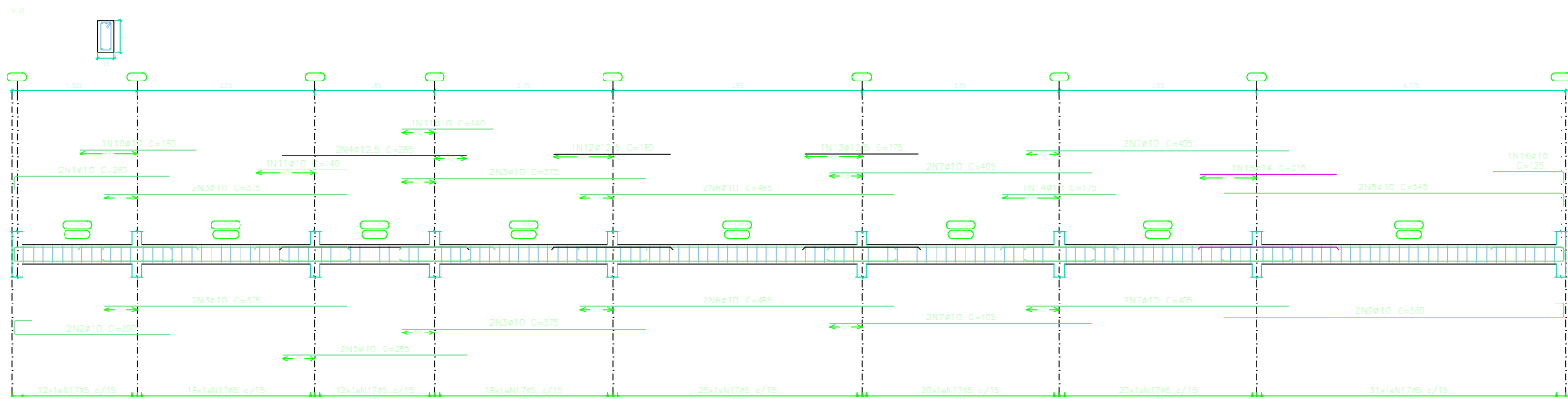
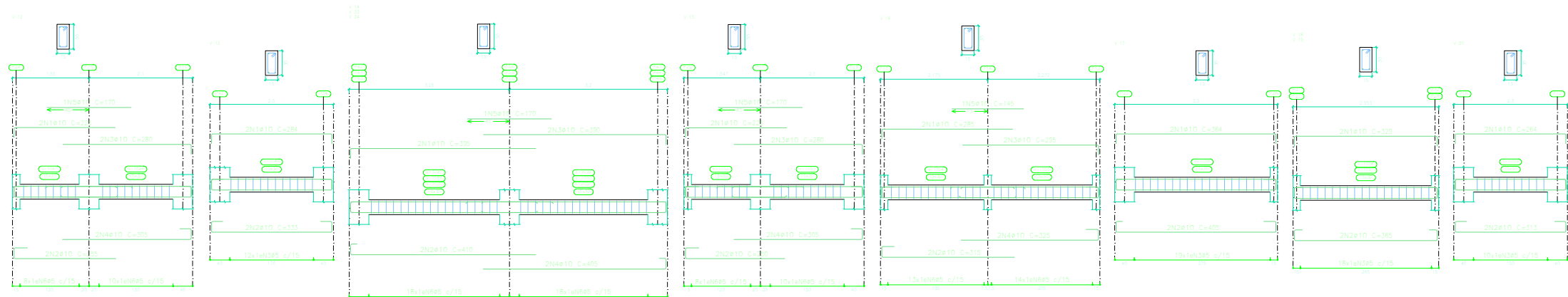
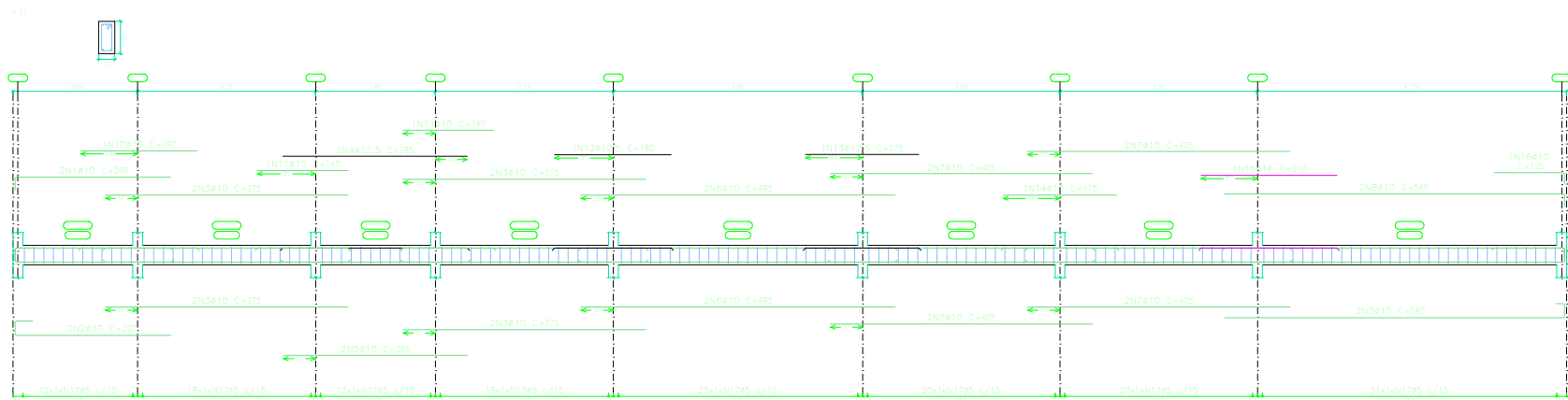
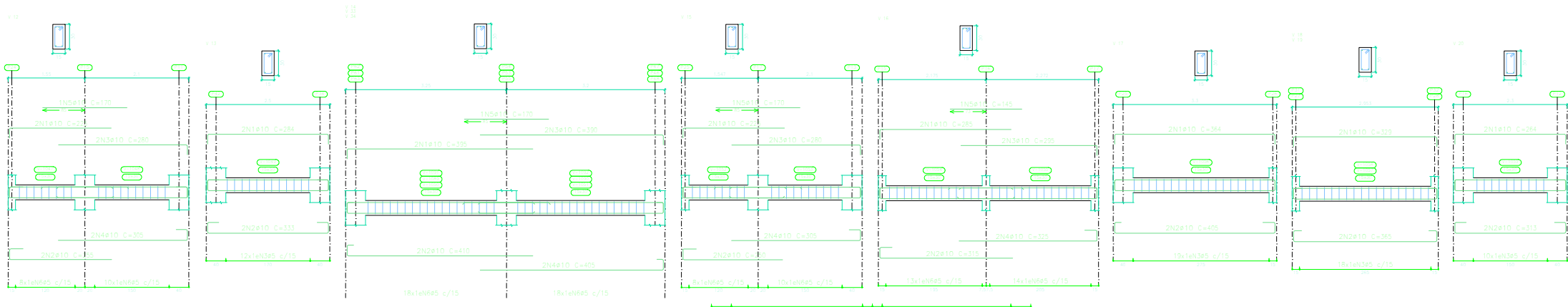


Legenda
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço das aberturas: CA-50 e CA-60
Escala vigas: 1:50
Escala seções: 1:30
Escala aberturas: 1:30



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	total (cm)	A-50 (kg)	CA-60 (kg)
V-12	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-13	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-14a-b-c-d	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-15	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-16	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-17	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-18a-b	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-19	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-20	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-21	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
							45,0	54,0
							#10	25,0
							#12,5	5,0
							#16	2,0
							total	84,0

Legenda
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço das aberturas: CA-50 e CA-60
Escala vigas: 1:50
Escala seções: 1:30
Escala aberturas: 1:30



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	total (cm)	A-50 (kg)	CA-60 (kg)
V-12	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-13	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-14a-b-c-d	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-15	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-16	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-17	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-18a-b	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-19	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-20	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
V-21	1	#10	12		700	400	2,0	0,0
	2	#10	12		250	250	1,0	0,0
	3	#10	12		250	250	1,0	0,0
	4	#10	12		250	250	1,0	0,0
	5	#10	12		250	250	1,0	0,0
							45,0	54,0
							#10	25,0
							#12,5	5,0
							#16	2,0
							total	84,0