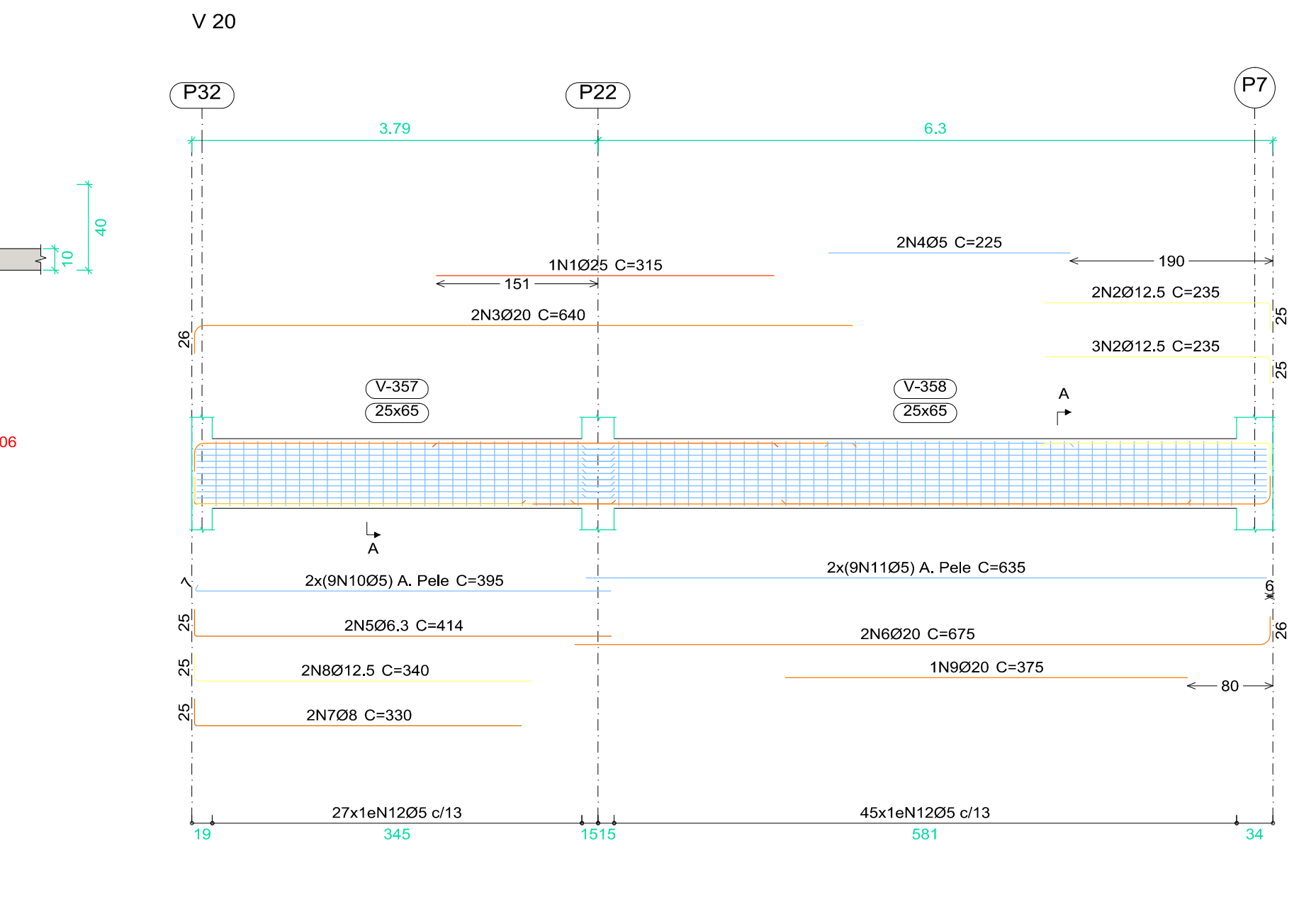
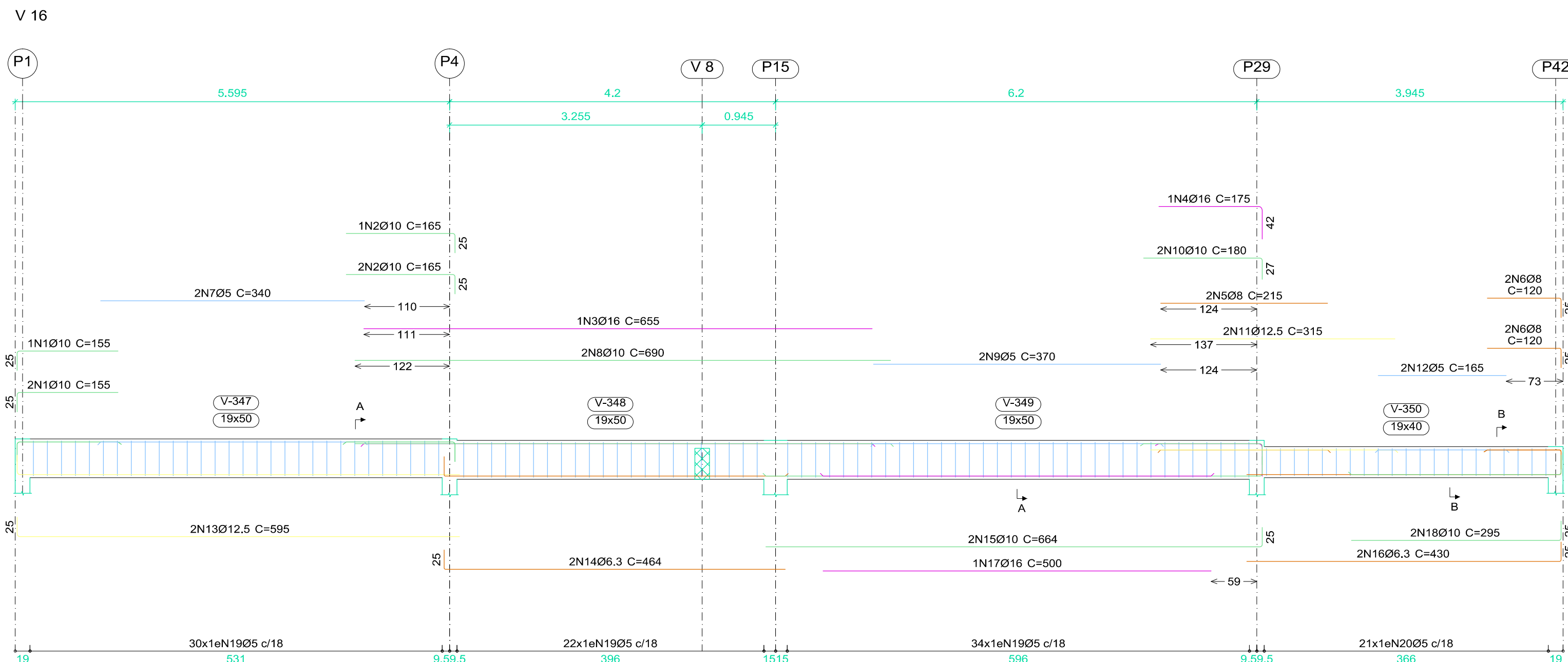
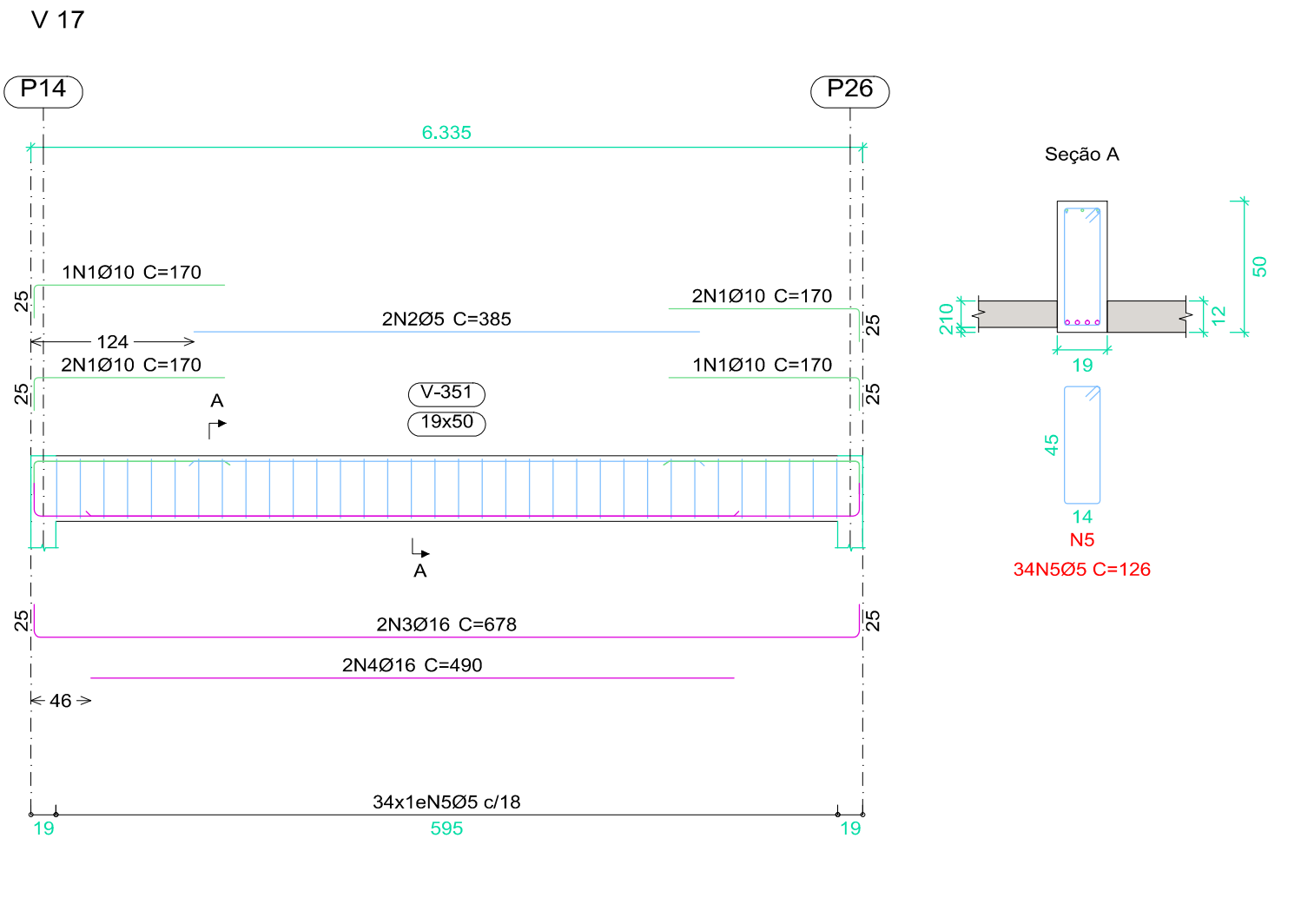
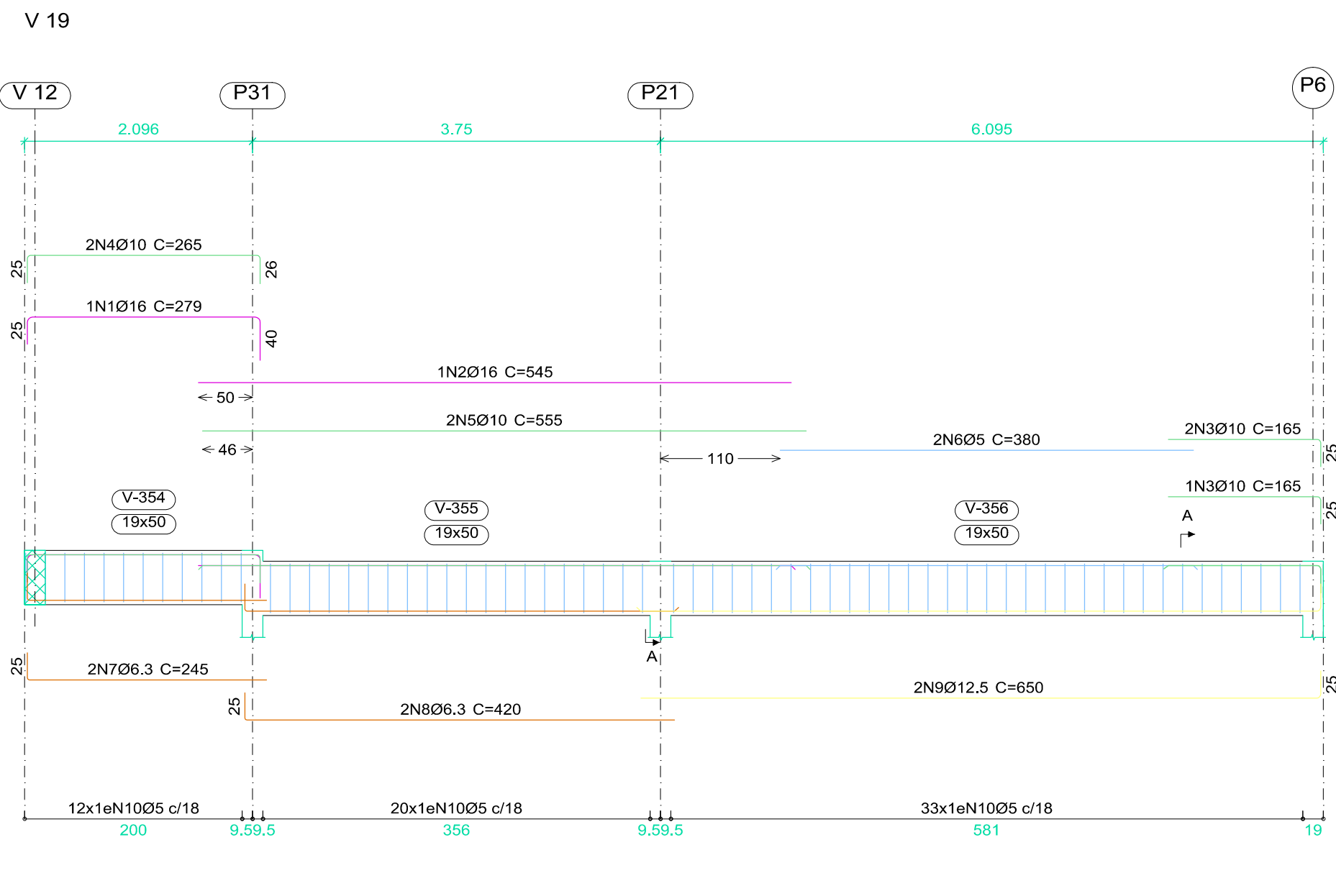
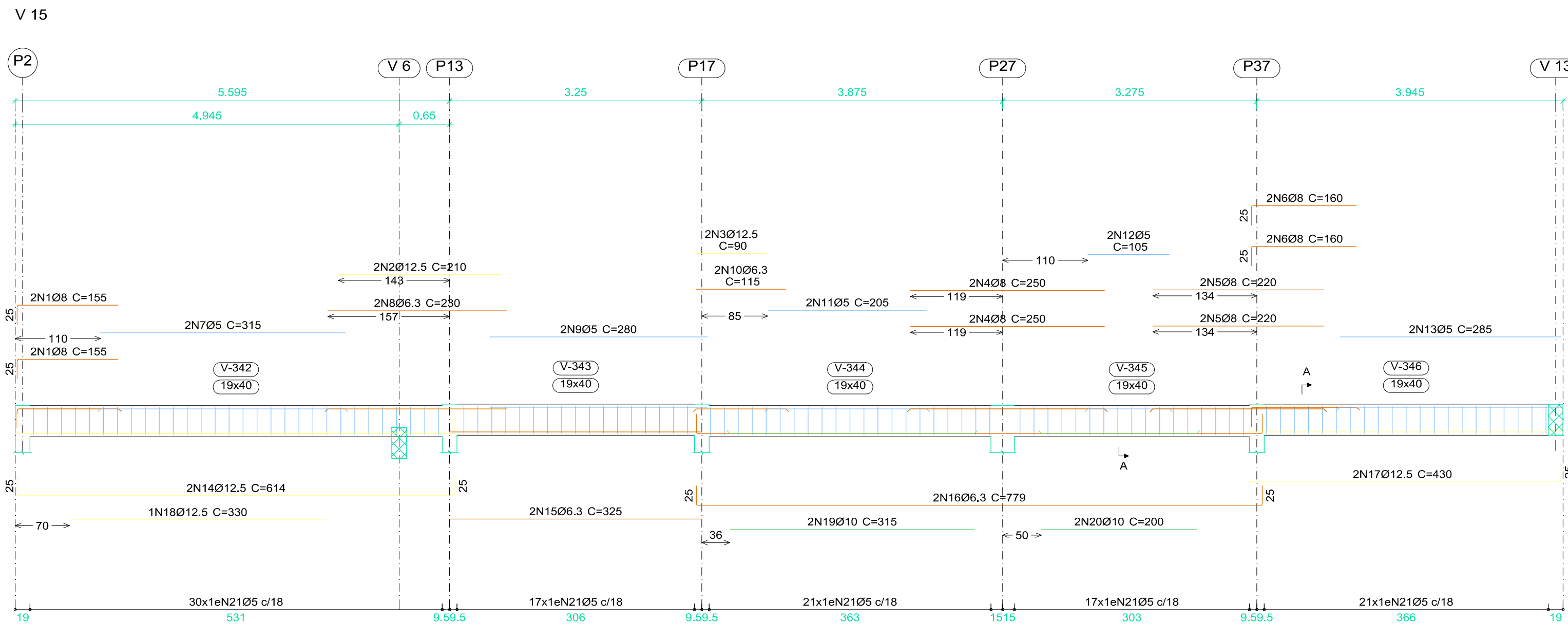


Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (m)	Total (m)	CA-50 (kg)	CA-60 (kg)
V 21	1	Ø25	2	190	375	750	39.3	2.4
	2	Ø16	1	120	165	165	2.6	
	3	Ø16	2	240	240	480	7.6	
	4	Ø20	2	360	370	740	18.3	
	5	Ø25	2	270	270	540	20.8	
	6	Ø5	2	270	270	540	0.8	
	7	Ø6.3	2	415	415	830	2.0	
	8	Ø12.5	2	185	185	370	3.6	
	9	Ø6.3	2	240	240	480	1.2	
	10	Ø16	2	635	635	1270	20.0	
	11	Ø10	2	429	429	858	5.3	
	12	Ø16	3	490	490	1470	23.2	
	13	Ø12.5	2	330	330	660	6.4	
	14	Ø8	1	290	290	290	1.1	
	15	Ø5	12	126	1512		2.4	
	16	Ø5	85	168	14280		22.4	
Total+10%							155.1	28.2
V 22	1	Ø20	2	190	825	1650	63.6	
	2	Ø25	2	780	825	1650	63.6	
	3	Ø5	2	260	260	520	0.8	
	4	Ø6.3	2	220	220	440	1.1	
	5	Ø6.3	2	245	245	490	1.2	
	6	Ø6.3	2	417	417	834	2.0	
	7	Ø16	2	670	670	1340	21.2	
	8	Ø8	2	290	290	580	2.3	
	9	Ø12.5	2	300	300	600	5.8	
	10	Ø16	1	510	510	510	8.1	
	11	Ø12.5	2	410	410	820	7.9	
	12	Ø5	16	390	390	6240	9.8	
	13	Ø5	16	635	635	10160	16.0	
	14	Ø5	12	126	1512		2.4	
	15	Ø5	72	164	11808		18.5	
Total+10%							136.7	52.3



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (m)	Total (m)	CA-50 (kg)	CA-60 (kg)
V 15	1	Ø8	4	180	155	620	2.4	
	2	Ø12.5	2	210	210	420	4.0	
	3	Ø12.5	2	90	90	180	1.7	
	4	Ø8	4	250	250	1000	3.9	
	5	Ø8	4	220	220	880	3.5	
	6	Ø8	4	130	160	640	2.5	
	7	Ø5	2	315	315	630		
	8	Ø6.3	2	230	230	460	1.1	
	9	Ø5	2	280	280	560		
	10	Ø6.3	2	115	115	230	0.6	
	11	Ø5	2	205	205	410	0.6	
	12	Ø5	2	105	105	210	0.3	
	13	Ø5	2	285	285	570		
	14	Ø12.5	2	325	325	650	1.8	
	15	Ø6.3	2	779	779	1558	3.8	
	16	Ø12.5	2	430	430	860	3.2	
V 16	1	Ø10	3	180	155	465	2.9	
	2	Ø10	3	160	165	495	3.1	
	3	Ø16	1	655	655	103.3		
	4	Ø16	1	175	175	2.8		
	5	Ø8	2	215	215	430	1.7	
	6	Ø8	2	120	120	240	1.9	
	7	Ø5	2	345	345	690		
	8	Ø10	2	690	690	1380	8.5	
	9	Ø5	2	370	370	740	1.2	
	10	Ø10	2	180	180	360	2.2	
	11	Ø12.5	2	315	315	630	6.1	
	12	Ø5	2	165	165	330	0.5	
	13	Ø12.5	2	595	595	1190	11.5	
	14	Ø6.3	2	464	464	928	2.3	
	15	Ø10	2	664	664	1328	8.2	
	16	Ø6.3	2	430	430	860	2.1	
V 17	1	Ø10	6	145	170	1020	6.3	
	2	Ø5	2	385	385	770	1.2	
	3	Ø16	2	678	678	1356	21.4	
	4	Ø16	2	490	490	980	15.5	
	5	Ø5	34	126	126	4284	6.7	
	Total+10%						47.5	8.7
V 18	1	Ø10	3	180	585	1755	10.8	
	2	Ø10	3	160	165	495	3.1	
	3	Ø5	2	340	340	680		
	4	Ø6.3	2	425	425	850	2.1	
	5	Ø12.5	2	645	645	1290	12.4	
	6	Ø16	1	215	215	3.4		
	7	Ø5	53	126	6678		10.5	
	Total+10%						35.0	12.8
V 19	1	Ø16	1	215	279	279	4.4	
	2	Ø16	1	145	545	545	8.6	
	3	Ø10	3	165	495	3.1		
	4	Ø10	2	214	265	530	3.3	
	5	Ø10	2	555	555	1110	6.8	
	6	Ø5	2	380	380	760	1.2	
	7	Ø6.3	2	220	245	490	1.2	
	8	Ø6.3	2	295	420	840	2.1	
	9	Ø12.5	2	650	650	1300	12.5	
	10	Ø5	65	126	8190		12.9	
	Total+10%						46.2	15.5
V 20	1	Ø25	1	315	315	12.1		
	2	Ø12.5	5	210	235	1175	11.3	
	3	Ø20	2	614	640	1280	31.6	
	4	Ø5	2	225	225	450		
	5	Ø6.3	2	414	414	828	2.0	
	6	Ø20	2	675	675	1350	33.3	
	7	Ø8	2	330	330	660	2.6	
	8	Ø12.5	2	340	340	680	6.5	
	9	Ø20	1	375	375	3.2		
	10	Ø5	18	395	395	7110	11.2	
	11	Ø5	18	635	635	11430	17.9	
	12	Ø5	72	168	12096		19.0	
	Total+10%						119.5	53.7
							0.5	220.2
							0.6	29.1
							0.8	24.1
							Ø10	81.0
							Ø12.5	124.2
							Ø16	172.7
							Ø25	113.8
							Total	682.9

COBERTURA (776.95)
Desenho de vigas
Concreto, C40, usina rigor
Aço das barras: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25

RESUMO DOS QUADROS DE FERROS VER NA PL: 42/44

05	DEZ/2020	TERA	A. MELO
04	JUL/2020	TERA	A. MELO
03	JUN/2020	TERA	A. MELO
02	ABR/2020	TERA	A. MELO
01	FEV/2020	TERA	A. MELO
00	DATA	DESENHO	VERIF.

UBS VIRGEM DOS POBRES
RUA SÃO JUDAS TADEU S/N, SÃO BENEDITO - SANTA LUZIA/MG

DETAIHE DE VIGAS 11
p XOSXZUOUUWUE

ANTONIO DE MELO PRADO CREA : 23.141-DMG

PROJETO EXECUTIVO

PREFEITURA MUNICIPAL DE SANTA LUZIA
ADM. DELEGADO CHRISTIANO XAVIER

EST-41/44

DATA : FEV/2020
ESCALA : INDICADA
10/2019

ARQUIVO
UBS-ES-PE-09-VIG-R05