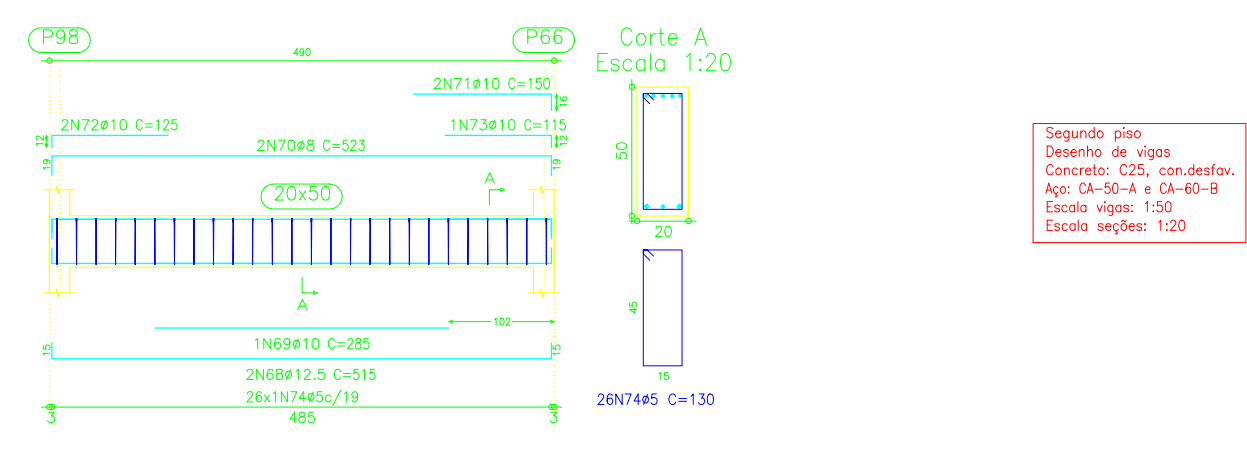
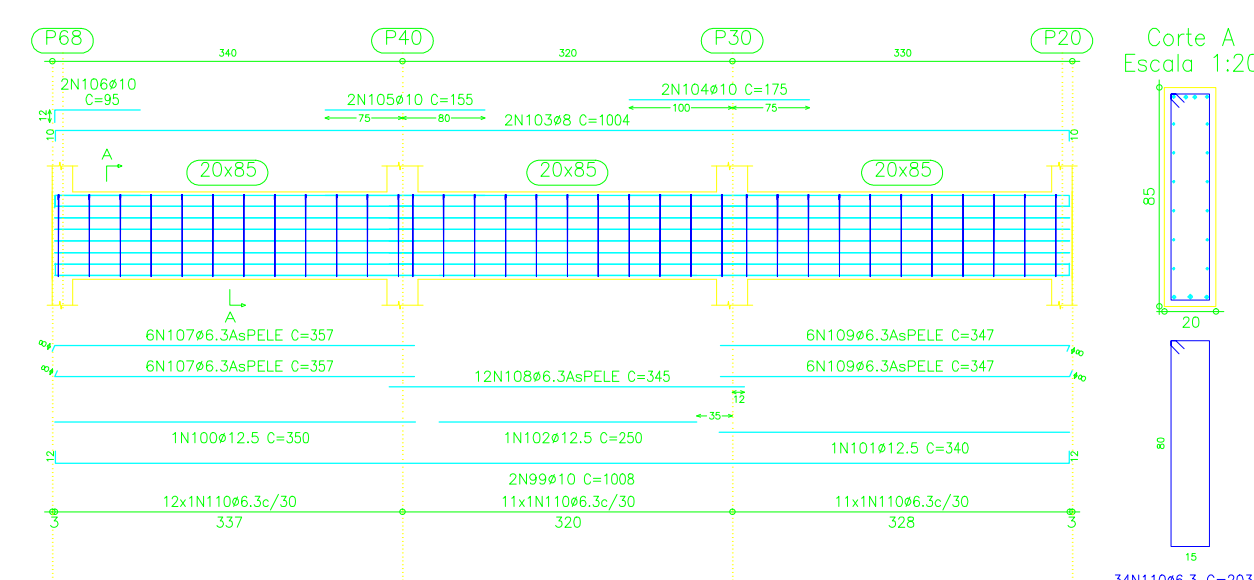
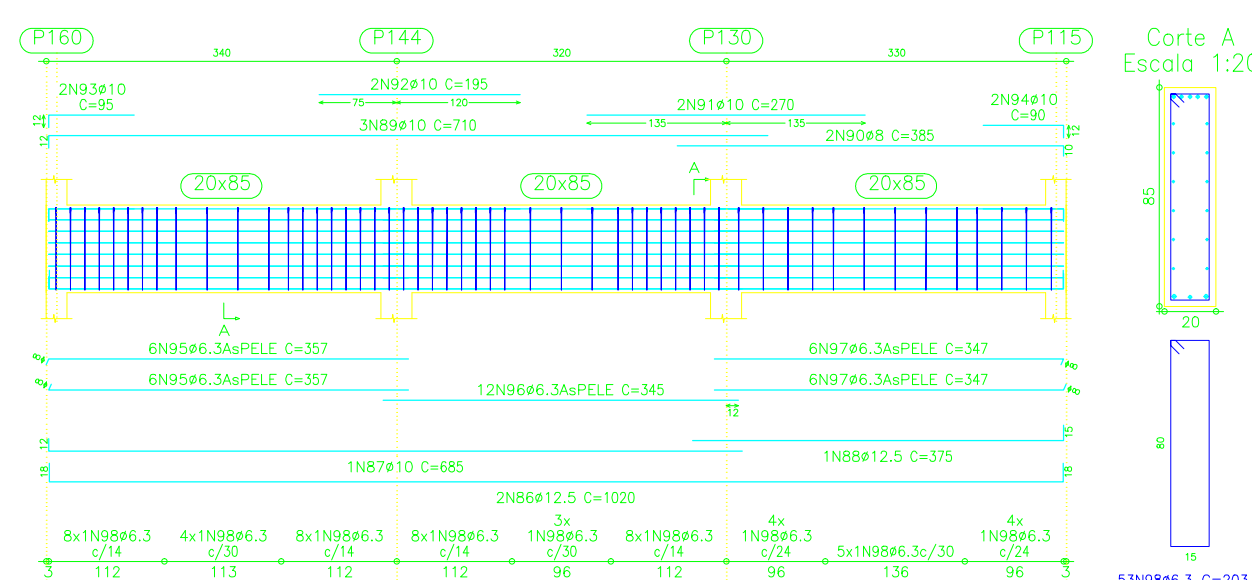
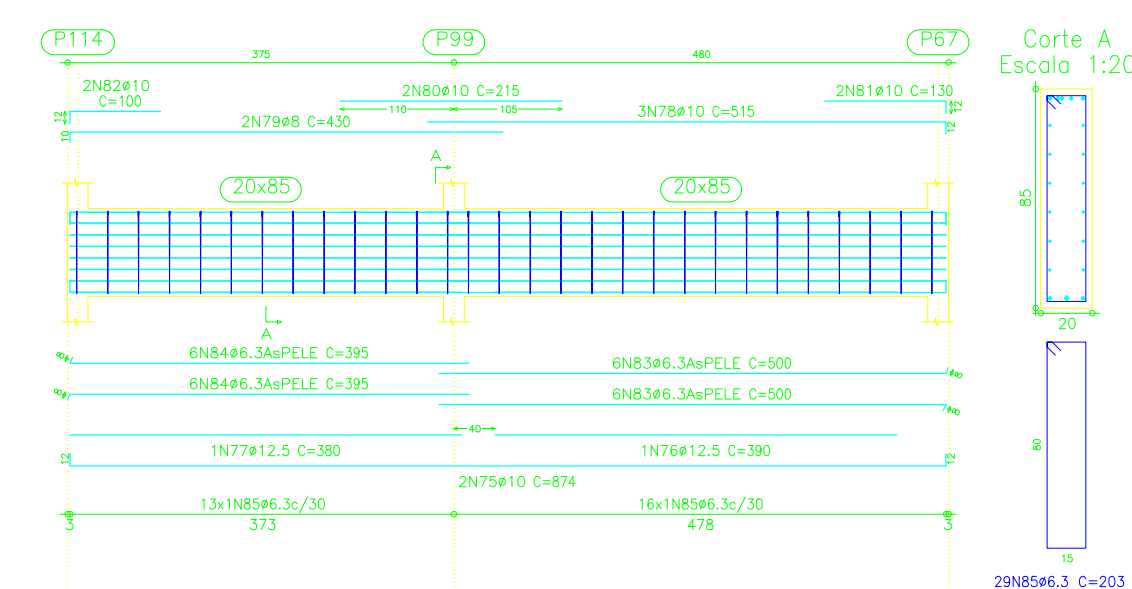
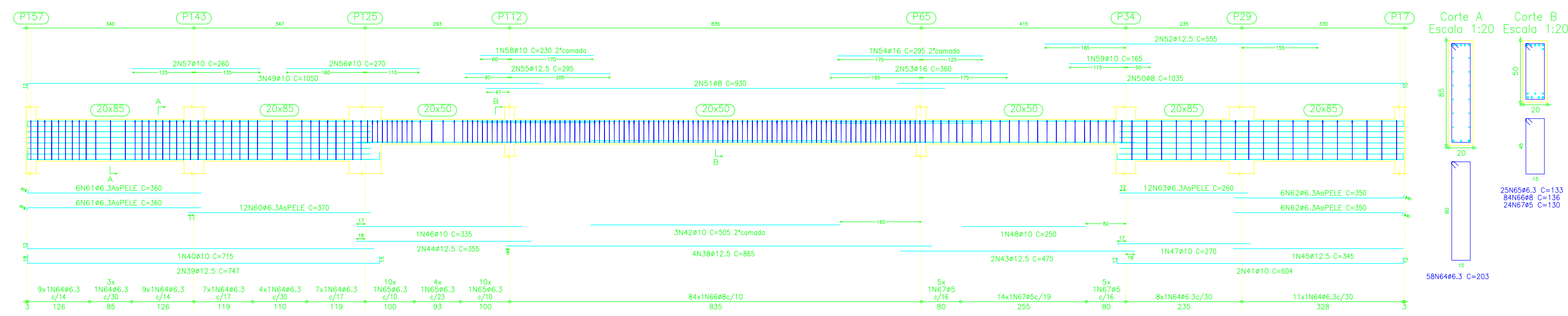
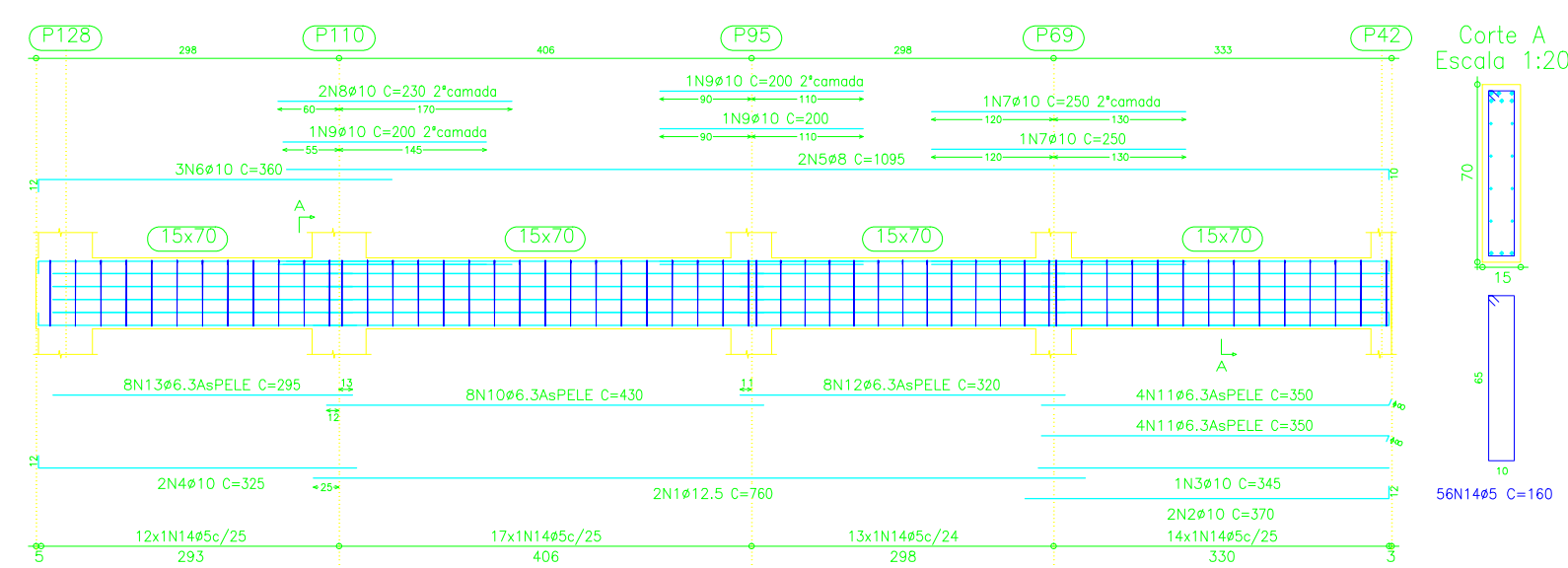
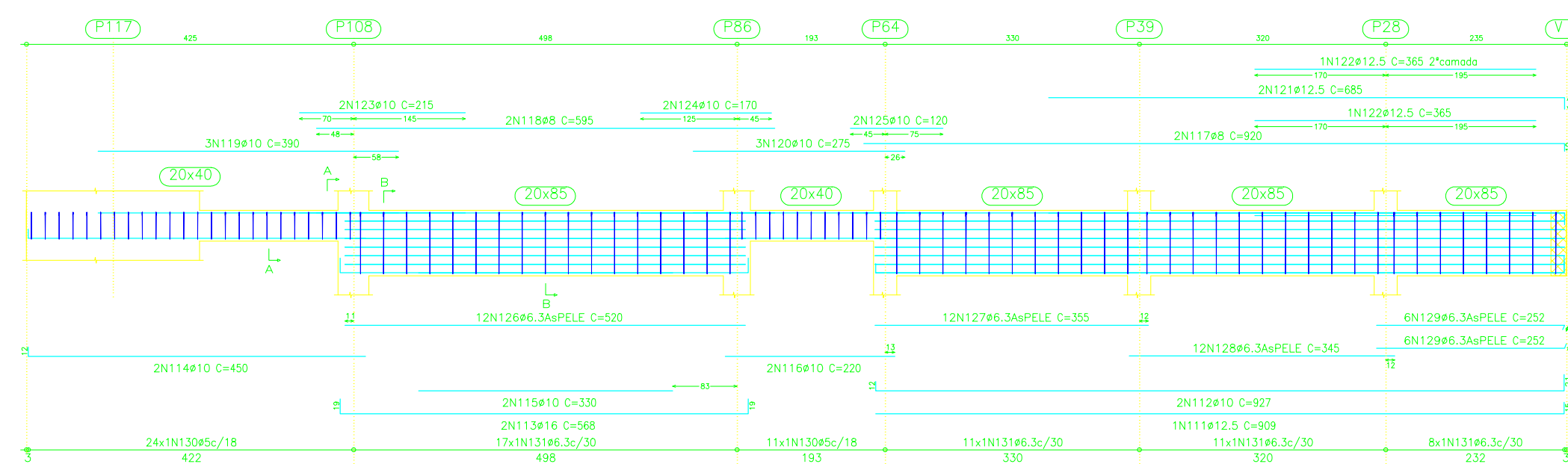
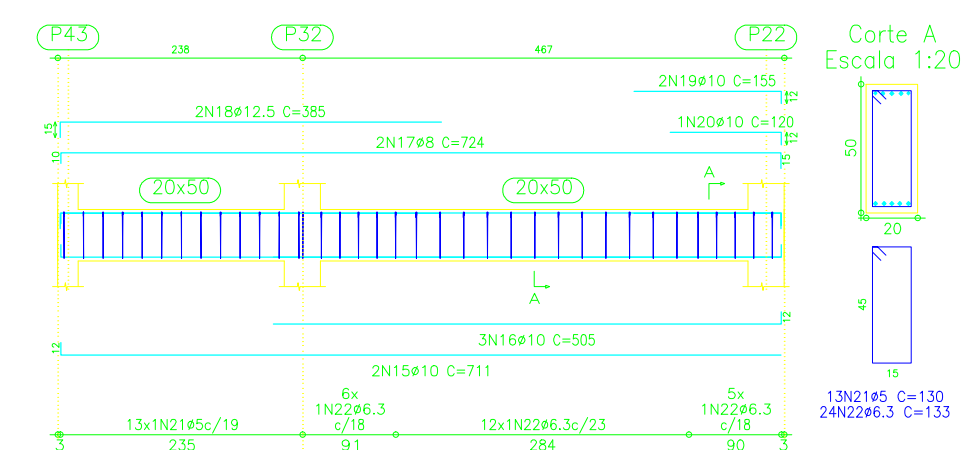
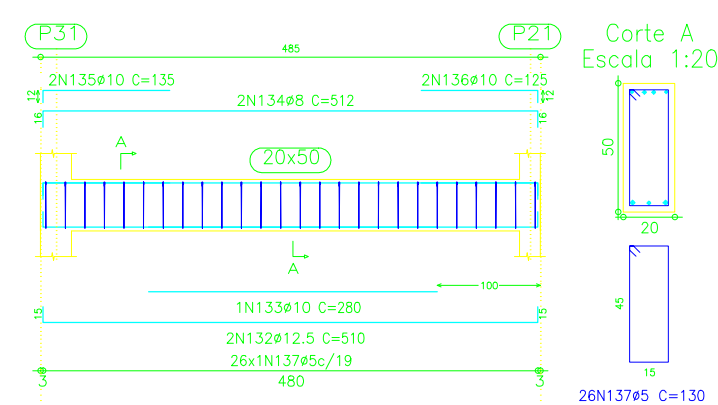
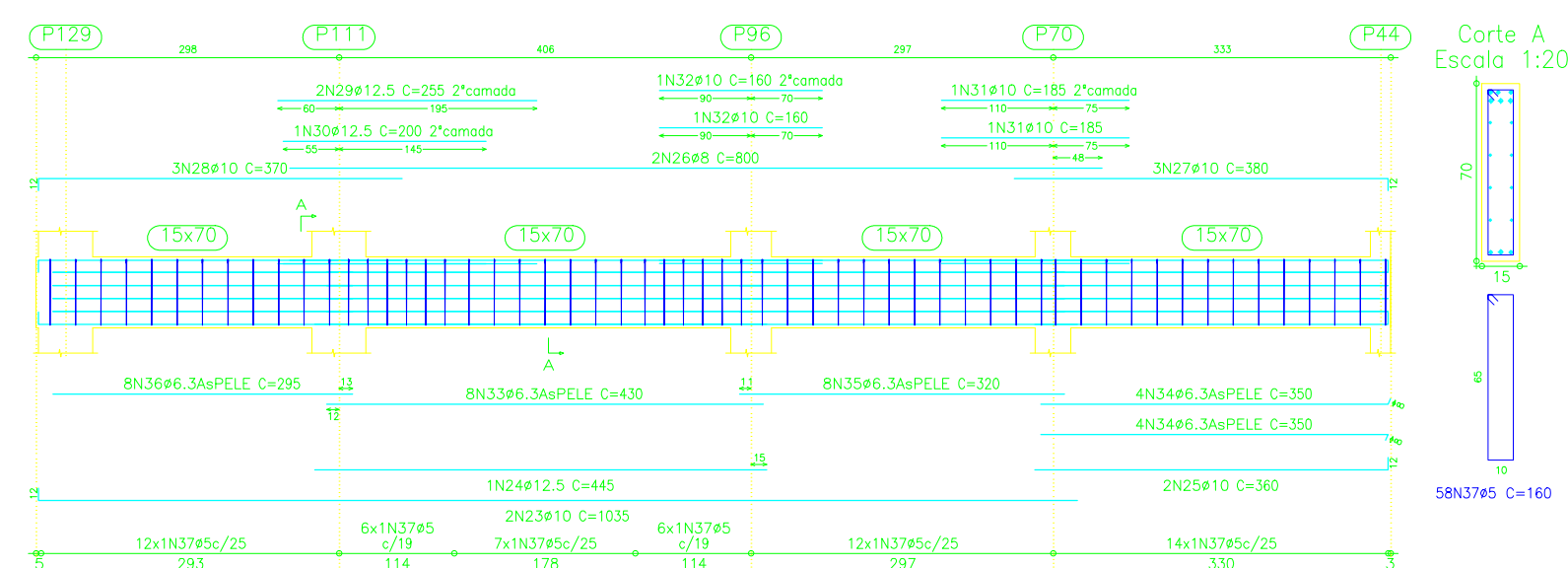




Elemento	Pos.	Diam	Q	Dob.	Ret.	Dob.	Comp.	Total	CA-50	Ala-60-B	Elemento	Pos.	Diam	Q	Dob.	Ret.	Dob.	Comp.	Total	CA-50	Ala-60-B
V 237	1	#12.5	2			760	760	1520	14.9		V 241	38	#12.5	4		865	865	3460	34.0		
	2	#10	2			358	12	370	740	4.6		39	#12.5	4	18	714	17	1494	14.7		
	3	#10	2			345	345	690	2.2			40	#10	2		123	12	715	7.5		
	4	#10	12			313	125	650	4.1			41	#10	2		102	10	604	10.8	1.6	
	5	#8	2			1085	10	1095	2180	8.6		42	#10	2		525	505	1515	9.5		
	6	#10	2			348	360	1080	6.8			43	#12.5	2		505	475	980	13.3		
	7	#10	2			250	250	500	3.1			44	#12.5	2		355	355	710	7.0		
	8	#10	2			230	230	460	2.9			45	#12.5	2		345	345	690	3.4		
	9	#10	2			200	200	600	3.8			46	#10	1		270	270	330	2.5	1.1	
	10	#6.3	3			430	430	3400	8.5			47	#10	1		270	270	330	2.5	1.6	
	11	#6.3	8			342	8	350	2800	6.9		48	#10	1		250	250	520	2.0		
	12	#6.3	8			320	320	2560	6.3			49	#10	12		1038	10	1050	31.0	19.8	
	13	#6.3	8			295	295	2360	5.8	14.1		51	#8	3		1023	1035	930	18.6	3.1	
										Total 1058											
										89.3											
V 238	15	#10	2			699	1	711	1422	8.9	V 242	53	#16	2		260	260	220	11.3		
	16	#10	3			461	12	505	1515	9.5		54	#10	2		380	380	760	7.0		
	17	#8	2			699	15	724	1448	5.7		55	#12.5	2		290	290	580	5.8		
	18	#12.5	2			370	385	770	7.6			56	#10	2		230	230	460	3.4		
	19	#10	1			143	108	12	310	1.9		57	#10	2		230	230	460	3.4		
	20	#10	1			108	12	105	310	0.8		58	#10	2		165	165	165	1.0		
	21	#8	2			130	1690			2.7		59	#10	1		200	200	370	44.0	11.0	
	22	#6.3	23			133	3059	7.6		3.0		60	#6.3	12		370	370	370	1.0		
												61	#6.3	12		342	8				

62	#6.3	12			342	8	350	2800	6.9		63	#6.3	12		342	8	350	2800	6.9				
64	#6.3	24			136	3110	7.2		3.3	65	#6.3	24			136	3110	7.2						
66	#8	84			295	295	2360	5.8		67	#8	84			295	295	2360	5.8					
68	#6.3	24			130	1690			2.7	69	#6.3	24			130	1690			2.7				
									Total 1058														
									89.3														
V 239	23	#10	2			1053	1053	2106	13.0		V 243	68	#12.5	2		115	485	515	1030	10.3			
	24	#12.5	1			445	445	445	4.4			69	#10	2		285	285	380	3.8				
	25	#10	2			348	348	696	6.9			70	#8	2		1145	19	523	1046	4.1			
	26	#8	2			800	800	1600	6.3			71	#10	2		134	19	516	1020	1.6			
	27	#10	2			358	358	1140	7.2			72	#10	2		113	12	335	250	1.9			
	28	#10	2			358	370	1110	7.0			73	#10	2		103	12	330	2380	0.7	5.3		
	29	#10	2			200	200	600	3.8			Total 1058 22.2											
	30	#12.5	2			200	200	200	2.0			Total 1058 22.2											
	31	#10	2			185	185	370	3.7			Total 1058 22.2											
	32	#10	10			160	160	320	3.2			Total 1058 22.2											
	33	#6.3	8			430	430	3440	8.5			Total 1058 22.2											
	34	#6.3	8			342	342	2736	6.9			Total 1058 22.2											
	35	#6.3	8			320	320	2560	6.3			Total 1058 22.2											
36	#6.3	8			295	295	2360	5.8		Total 1058 22.2													
37	#8	57			160	160	1280	1.6	14.3	Total 1058 22.2													
										Total 1058													
										89.3													
V 244	75	#10	2			12	850	12	874	1748	10.0	V 245	68	#12.5	2		115	485	515	1030	10.3		
	76	#12.5	2			320	320	320	3.2		69		#10	2		285	285	380	3.8				
	77	#10	2			360	360	720	7.2		70		#8	2		1145	19	523	1046	4.1			
	78	#10	2			503	12	515	1545	9.7			71	#10	2		134	19	516	1020	1.6		
	79	#8	2			1020	420	450	880	3.4			72	#10	2		113	12	335	250	1.9		
	80	#10	2			215	215	430	4.3		73		#10	2		103	12	330	2380	0.7	5.3		
	81	#10	2			118	12	330	260	1.6			Total 1058 22.2										
	82	#10	100			88	100	88	100	2.0	1.3		Total 1058 22.2										
	83	#6.3	12			487	8	500	6920	14.8			Total 1058 22.2										
	84	#6.3	12			387	8	387	3140	11.7			Total 1058 22.2										
	85	#6.3	24			203	203	5887	14.6		Total 1058 22.2												
											Total 1058												
											86.1												
V 246	86	#12.5	2			18	894	18	920	1740	10.0	V 247	86	#12.5	2		115	485	515	1030	10.3		
	87	#10	1			12	673	673	673	6.7			87	#10	1		12	673	673	673	6.7		
	88	#12.5	2			360	360	720	7.2		88		#10	2		12	688	710	2130	13.4			
	89	#10	2			375	375	750	7.5		89		#10	2		12	688	710	2130	13.4			
	90	#10	2			270	270	540	5.4		90		#10	2		12	688	710	2130	13.4			
	91	#10	2			270	270	540	5.4		91		#10	2		12	688	710	2130	13.4			
	92	#10	2			195	195	390	3.9		92		#10	2		12	688	710	2130	13.4			
	93	#10	2			12	83	95	190	1.2			93	#10	2		12	688	710	2130	13.4		
	94	#10	2			12	83	95	190	1.2			94	#10	2		12	688	710	2130	13.4		
	95	#6.3	12			8	349	37	4584	10.6			95	#6.3	12			8	349	37	4584	10.6	
	96	#6.3	12			345	345	414	10.2		96		#6.3	12			345	345	414	10.2			
	97	#6.3	12			347	347	4164	10.3		97		#6.3	12			347	347	4164	10.3			
	98	#6.3	52			203	203	5887	14.6		98		#6.3	52			203	203	5887	14.6			
										Total 1058													
										120.7													
V 248	99	#10	2			12	884	12	908	1740	10.0	V 249	112	#12.5	2		894	15	909	250	1.8		
	100	#12.5	2			384	384	384	3.8		112		#10	2		12	894	21	927	1854	11.6		
	101	#12.5	2			340	340	680	6.8		113		#10	2		12	894	21	927	1854	11.6		
	102	#12.5	2			340	340	680	6.8		114		#10	2		12	894	21	927	1854	11.6		
	103	#10	2			104	104	208	2.1		115		#10	2		12	894	21	927	1854	11.6		
	104	#10	2			175	175	350	3.5		116		#10	2		12	894	21	927	1854	11.6		
	105	#10	2			165	165	330	3.3		117		#8	10		10	920	1840	7.2				
	106	#10	2			12	83	95	190	1.2			118	#8	10		10	920	1840	7.2			
	107	#6.3	12			8	349	37	4584	10.6			119	#10	2		12	894	21	927	1854	11.6	
	108	#6.3	12			345	345	414	10.2		120		#10	2		12	894	21	927	1854	11.6		
	109	#6.3	12			347	347	4164	10.3		121		#12.5	2		384	384	384	3.8				
	110	#6.3	54			203	203	5887	14.6		122		#12.5	2		384	384	384	3.8				
											Total 1058												
										91.6													
V 253	111	#12.5	2			894	15	909	250	1.8	V 254	122	#12.5	2		894	15	909	250	1.8			
	112	#10	2			12	894	21	927	1854		11.6	122	#10	2		12	894	21	927	1854	11.6	
	113	#10	2			12	894	21	927	1854		11.6	123	#10	2		12	894	21	927	1854	11.6	
	114	#10	2			12	894	21	927	1854		11.6	124	#10	2		12	894	21	927	1854	11.6	
	115	#10	2			12	894	21	927	1854		11.6	125	#10	2		12	894	21	927	1854	11.6	
	116	#10	2			12	894	21	927	1854		11.6	126	#6.3	12			8	349	37	4584	10.6	
	117	#8	10			10	920	1840	7.2			127	#6.3	12			8	349	37	4584	10.6		
	118	#8	10			10	920	1840	7.2			128	#6.3	12			8	349	37	4584	10.6		
	119	#10	2			12	894	21	927	1854		11.6	129	#6.3	12			8	349	37	4584	10.6	
	120	#10	2			12	894	21	927	1854		11.6	130	#6.3	12			8	349	37	4584	10.6	

Classe de Agresiv.: C II	Ec(5600 fck): $\sqrt{\quad}$	Agreg. Graúdo: Brito 01
CONCRETO(Fck): 25 MPa	AÇO: CA 50	SLUMP (mm): 100+-10
Fator A/C (max.): < 0.60	FORMAS: C, Res.	ADITIVO:

PREFEITURA MUNICIPAL DE JACARA			
PROJETO EXECUTIVO DE ESTRUTURAL			
PAVILHÃO DE SALAS DE AULA II CAMPUS JK / DIAMANTINA RODOVA MG 367, KM 583, Nº 3000 - ALTO DA JACARA - DIAMANTINA/MG			
PROPRIETÁRIO:	UNIVERSIDADE FEDERAL DOS VALES DO JEQUITOMINHA E MOURÃO	CNPJ:	16.888.310/0001-07
TÍTULO:	ARMAÇÃO DE VIGAS – SEQUENDO PISO – 05		
AUTOR PROJETO ARQUITETÔNICO / ART:			
ALESSANDRO DE OLIVEIRA ALVES CR. 04 DO CONSELHO DE ENGENHEIROS Nº 19.222-0/SC Rua J. K. F. 1471 - PR. ANEXO C - CAMPUS JK 35060-000 - JACARA - MG			
DATA:	22/08/2018	FECHA:	
VERSÃO:	1	AUTOCAD:	
Data de emissão do projeto: 17.10.2012			
		30	