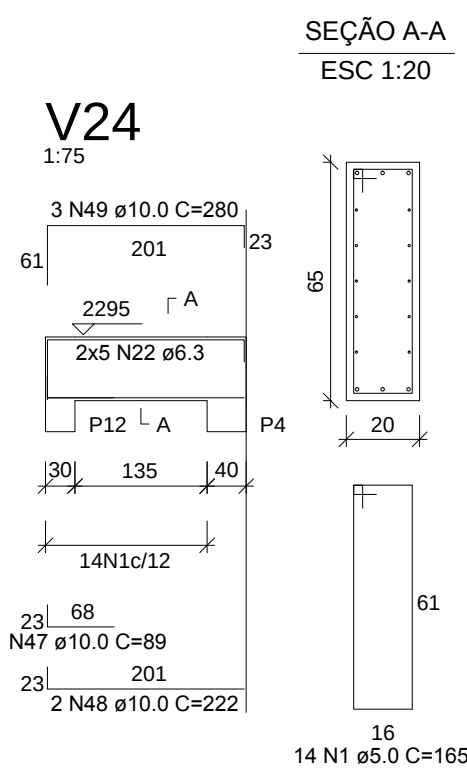
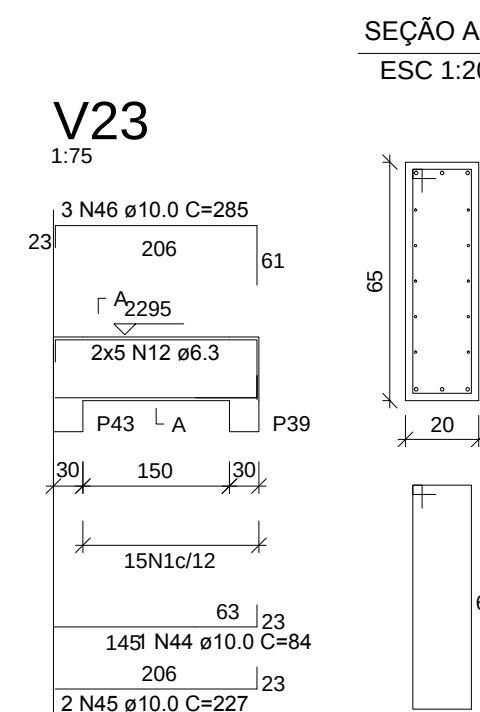
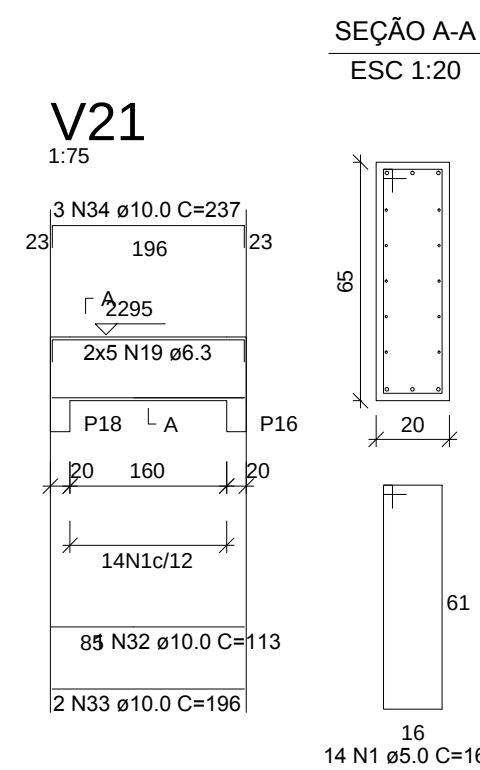
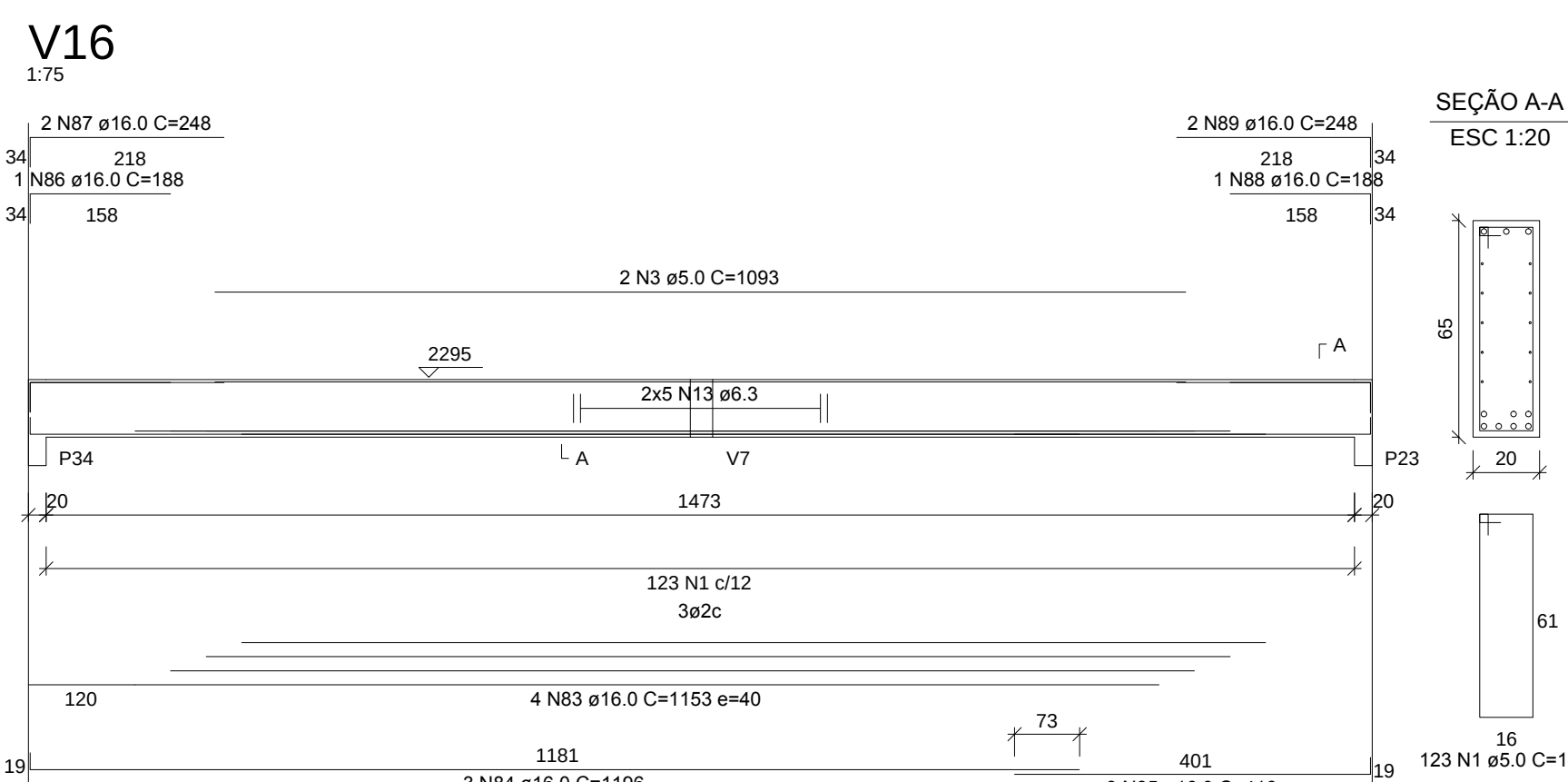
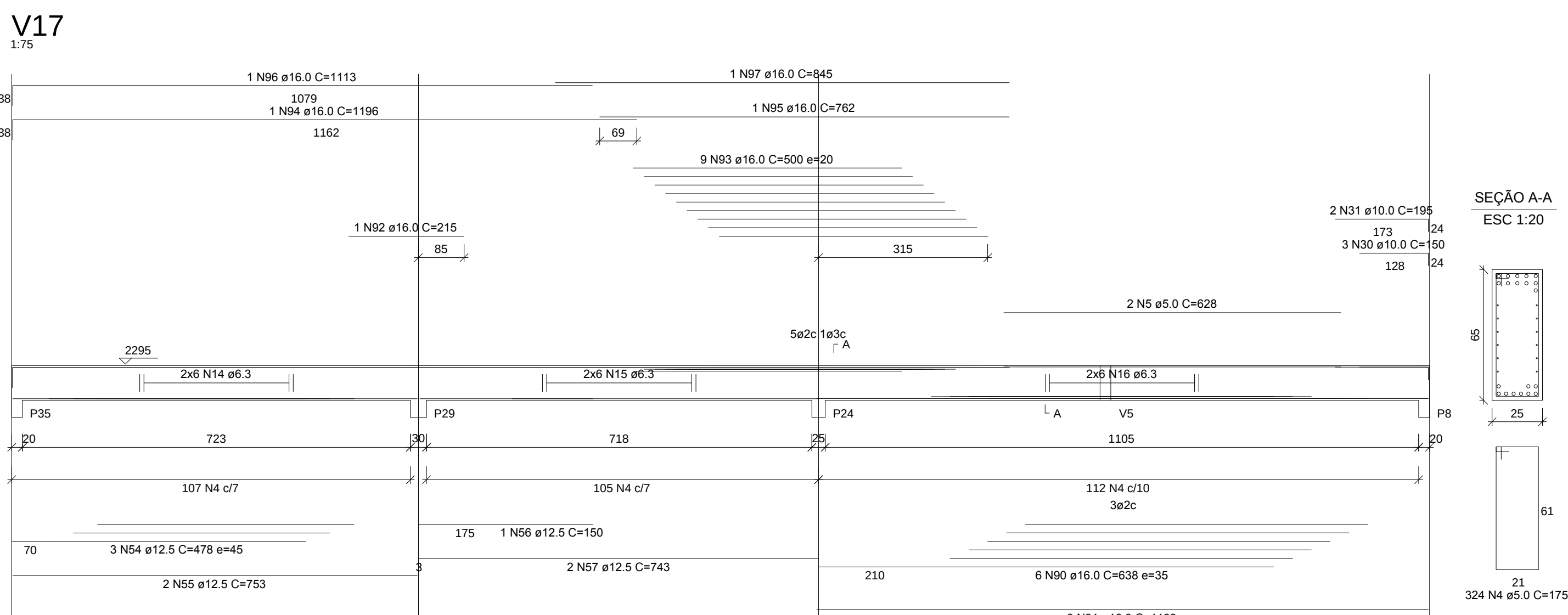
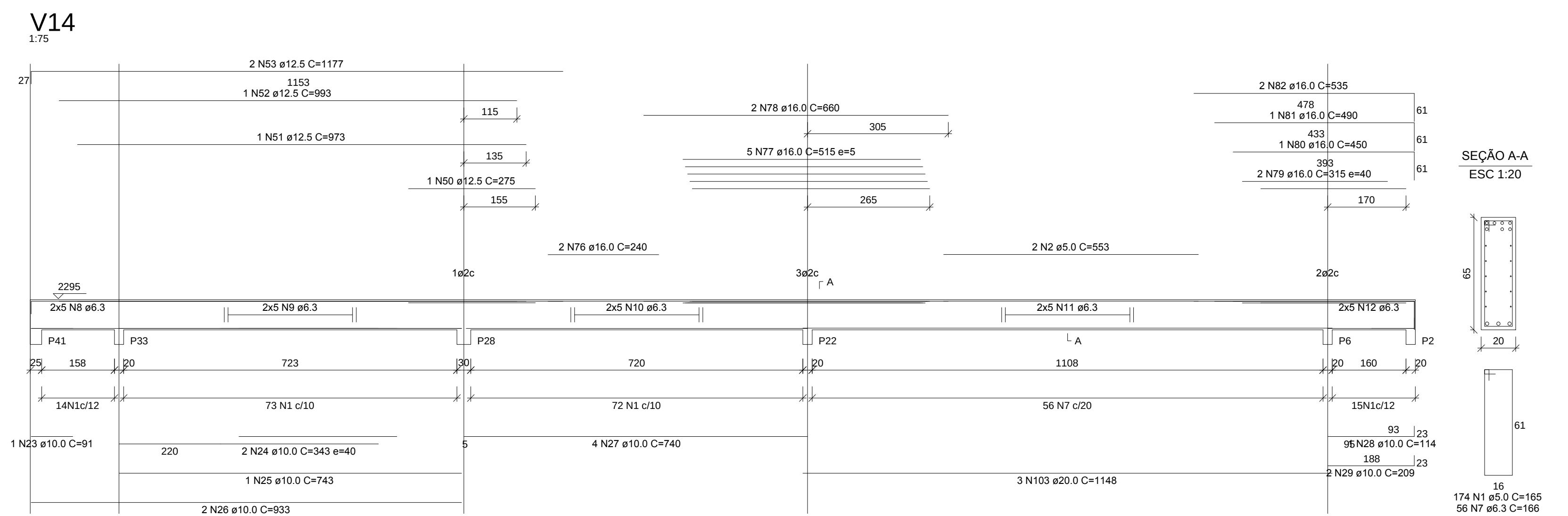
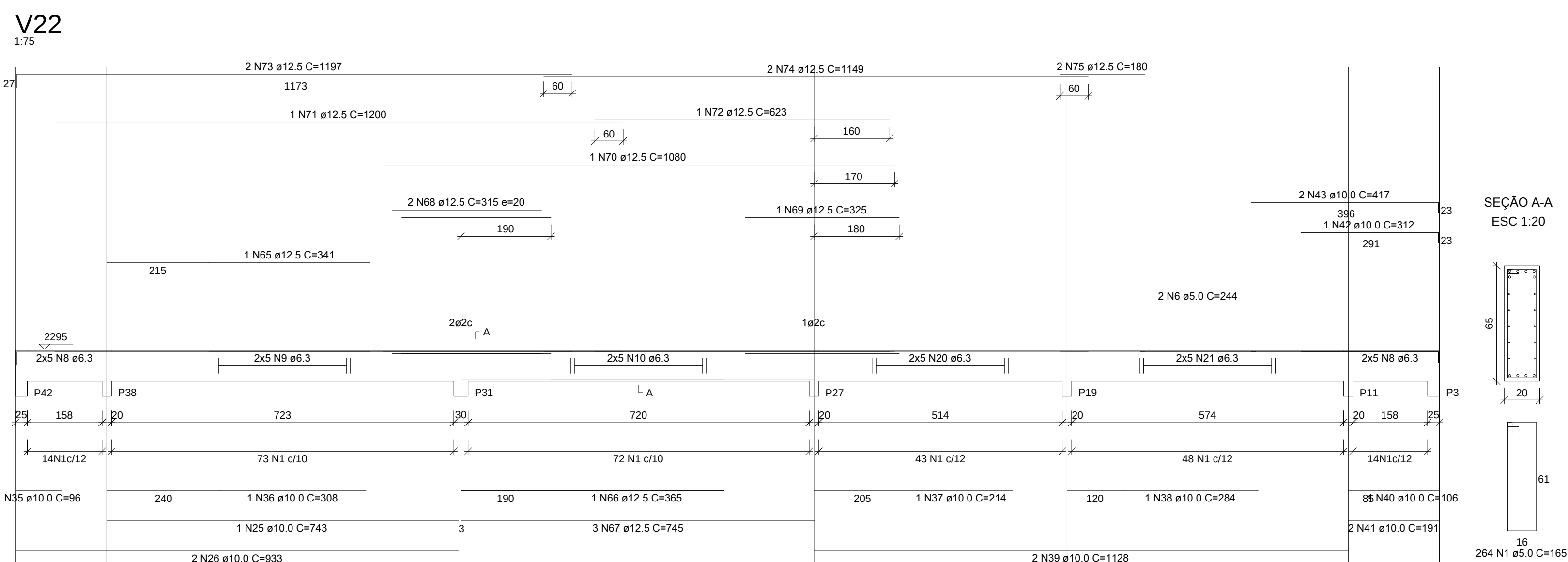




V18	V16	V17							
Q2	Q2	Q2							
AO	N	DAM	Q	UNIT	Q	TOTAL			
50	60	1	5.0	727	106	10665			
	2	5.0	2	553	1106				
	4	5.0	4	1070	1106				
	5	5.0	536	175	9800				
	6	5.0	2	244	488				
	7	6.0	10	506	1600				
	8	6.3	30	corr	1740				
	9	6.3	30	corr	1740				
	10	6.3	20	corr	1440				
	11	6.3	20	corr	1440				
	12	6.3	20	corr	1440				
	13	6.3	12	corr	870				
	14	6.3	12	corr	870				
	15	6.3	12	corr	880				
	16	6.3	12	corr	880				
	17	6.3	10	corr	1060				
	18	6.3	10	corr	1060				
	19	6.3	10	corr	1060				
	21	6.3	10	corr	1060				
	22	10.0	2	91	91				
	23	10.0	2	91	91				
	24	10.0	2	743	1486				
	25	10.0	2	743	1486				
	26	10.0	2	933	1866				
	27	10.0	2	114	228				
	28	10.0	2	114	228				
	29	10.0	2	150	300				
	30	10.0	2	150	300				
	31	10.0	2	113	226				
	32	10.0	2	113	226				
	33	10.0	2	113	226				
	34	10.0	2	113	226				
	35	10.0	2	908	1816				
	36	10.0	2	908	1816				
	37	10.0	2	284	568				
	38	10.0	2	284	568				
39	10.0	2	106	212					
40	10.0	2	106	212					
41	10.0	2	312	624					
42	10.0	2	312	624					
43	10.0	2	312	624					
44	10.0	2	312	624					
45	10.0	2	312	624					
46	10.0	2	289	578					
47	10.0	2	289	578					
48	10.0	2	289	578					
49	10.0	2	973	1946					
50	12.5	1	973	973					
51	12.5	1	973	973					
52	12.5	2	1177	2354					
53	12.5	2	1177	2354					
54	12.5	2	1058	2116					
55	12.5	2	1058	2116					
56	12.5	2	743	1486					
57	12.5	2	743	1486					
58	12.5	2	743	1486					
59	12.5	2	743	1486					
60	12.5	2	743	1486					
61	12.5	2	380	760					
62	12.5	2	380	760					
63	12.5	4	1486	2972					
64	12.5	4	1486	2972					
65	12.5	1	366	366					
66	12.5	1	366	366					
67	12.5	2	315	630					
68	12.5	2	315	630					
69	12.5	2	325	650					
70	12.5	1	1080	1080					
71	12.5	1	1080	1080					
72	12.5	2	623	1246					
73	12.5	2	623	1246					
74	12.5	2	1149	2298					
75	12.5	2	1149	2298					
76	16.0	2	240	480					
77	16.0	2	315	630					
78	16.0	2	315	630					
79	16.0	2	315	630					
80	16.0	2	315	630					
81	16.0	1	490	490					
82	16.0	1	490	490					
83	16.0	3	1153	2326					
84	16.0	3	1153	2326					
85	16.0	3	1153	2326					
86	16.0	3	1153	2326					
87	16.0	2	248	496					
88	16.0	2	248	496					
89	16.0	2	248	496					
90	16.0	2	248	496					
91	16.0	3	1139	3417					
92	16.0	3	1139	3417					
93	16.0	9	500	4500					
94	16.0	9	500	4500					
95	16.0	1	1136	1136					
96	16.0	1	1133	1133					
97	16.0	1	1133	1133					
98	16.0	3	147	1251					
99	16.0	3	147	1251					
100	16.0	2	248	496					
101	16.0	2	248	496					
102	16.0	3	344	344					
103	16.0	3	344	344					

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	6.3	1499.8	129.6
	10.0	191.0	104.6
	12.5	331.8	351.8
	16.0	445.3	773.9
	20.0	34.4	93.5
CA60	5.0	2216.0	375.3
PESO TOTAL			
CA50	1753.1		
CA60	375.3		

Vol. de concreto total (C-25) = 19.29 m³
 Área de forma total = 209.08 m²



Nº:	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:		
FASE:					
PROJETO DE CÁLCULO ESTRUTURAL					
OBSERVAÇÕES					
CONFIRAR MEDIDAS NA OBRA					
ANEXO MORADIA ESTUDANTIL CAMPUS JK / DIAMANTINA					
RODOVIA MG 367, KM 5000 - ALTO DA JACUBA - DIAMANTINA/MG					
PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI				CNPJ	16.888.315/0001-57
TÍTULO					
DETALHES VIGAS DO PAVIMENTO SUPERIOR					
AUTOR PROJETO ESTRUTURAL / RT:					
ANDRÉ FERNANDO DA SILVA CREA 7849920 - MG					
DETALHAMENTO:					
ANDRÉ FERNANDO DA SILVA CREA 7849920 - MG					
VERSÃO:	DATA:	AUTOCAD:	FOLHA:		
VERSÃO 1	29/07/2010				
			09/19		