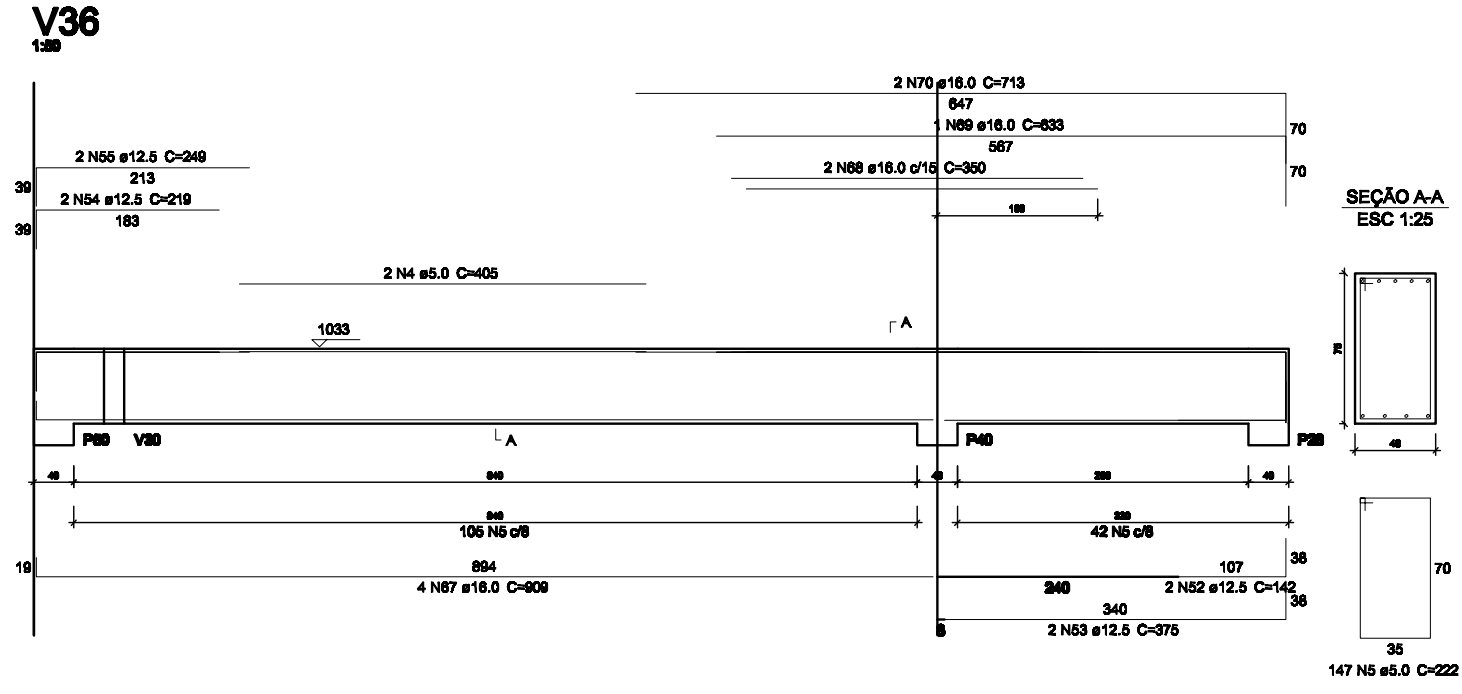
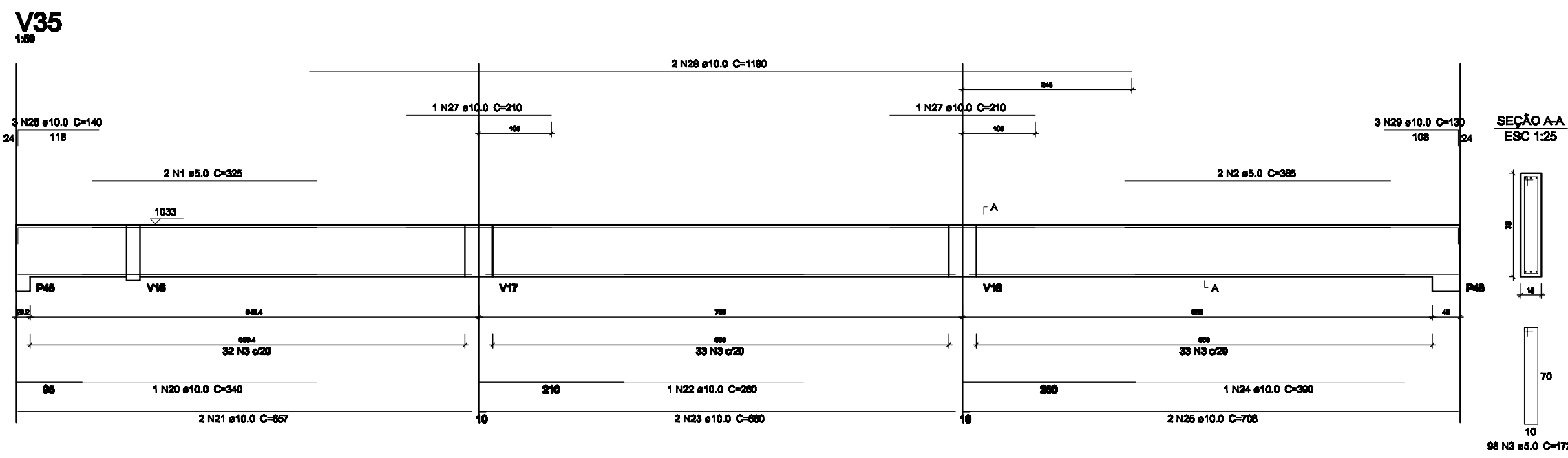
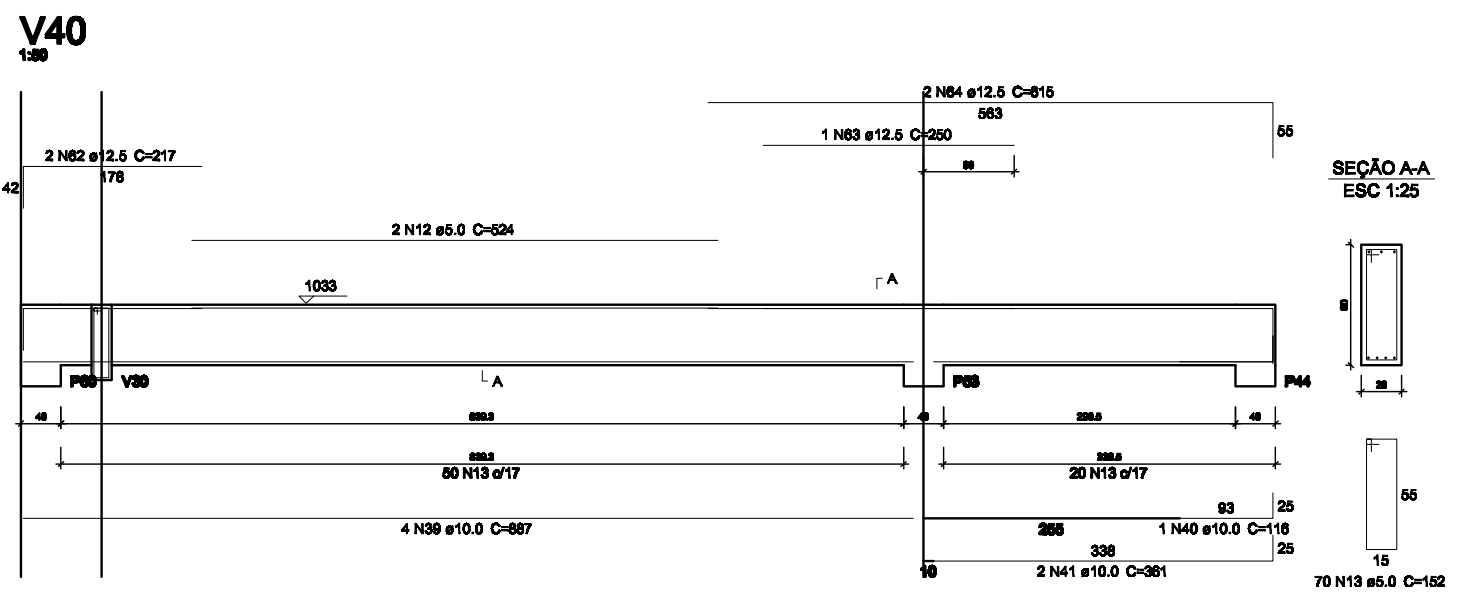
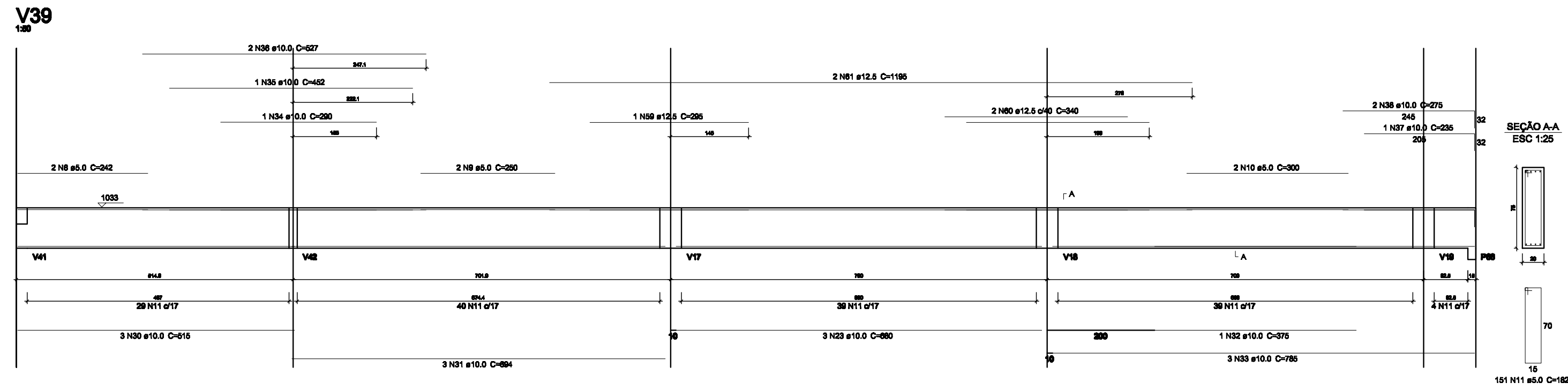




Relação do aço

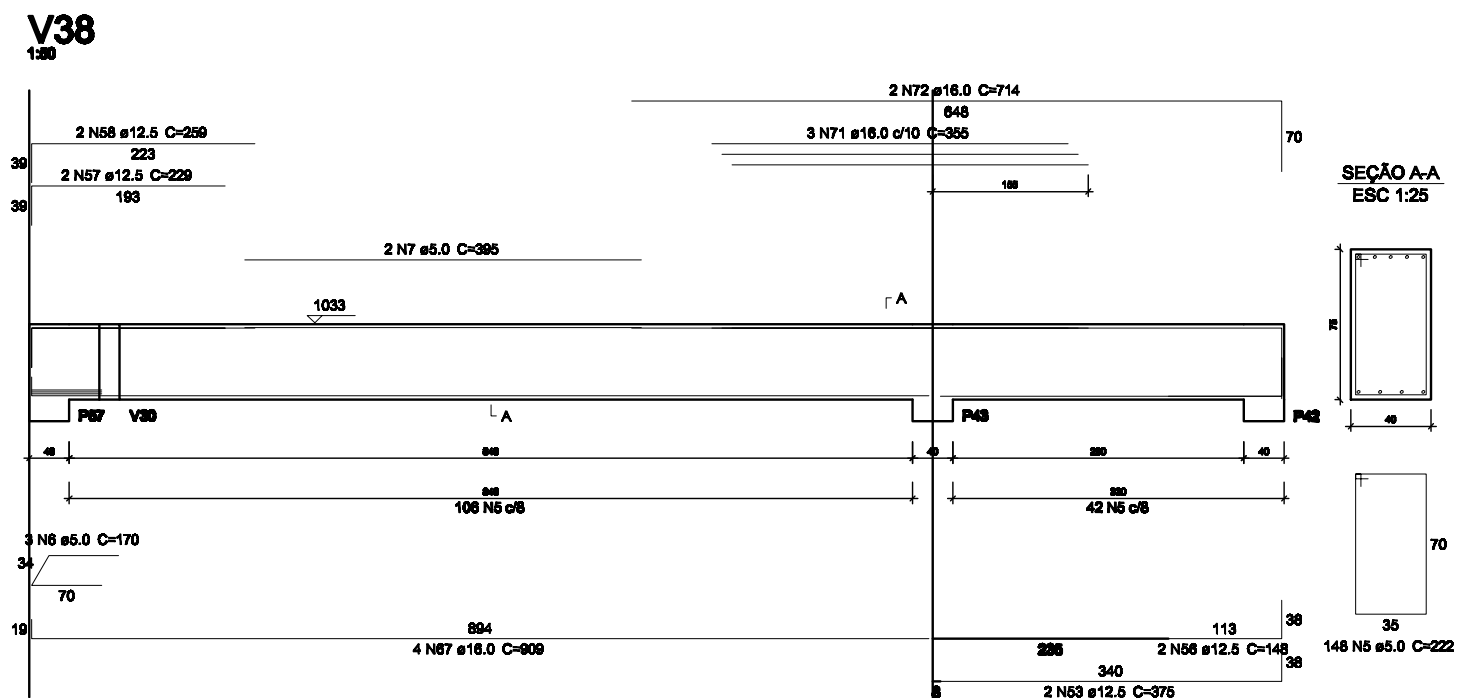
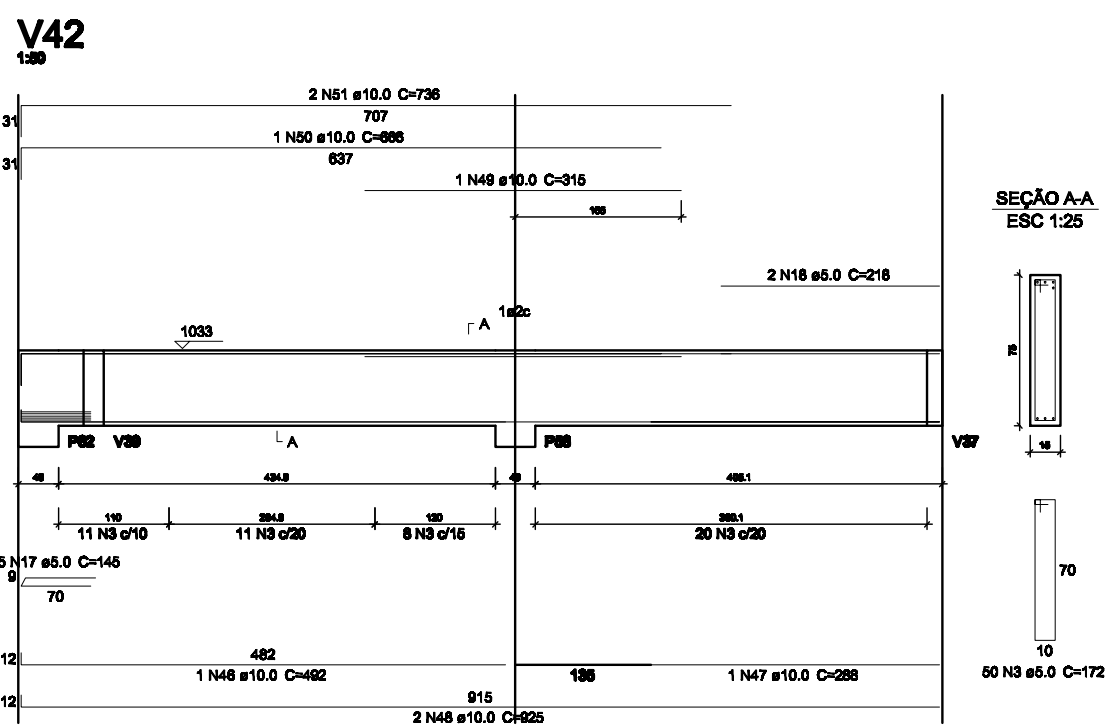
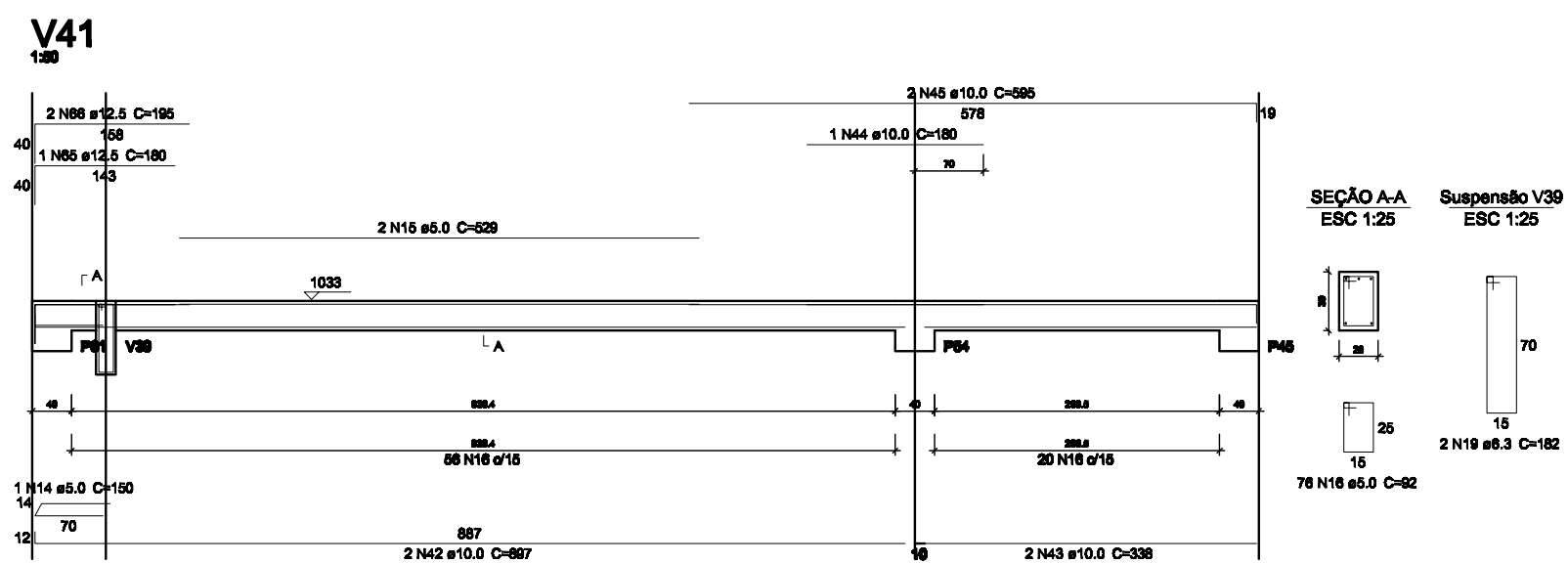
V35	V36	V38			
V35	V40	V41			
V42					
AÇO	N	DIAM	Q	UNIT	C.TOTAL
		(mm)		(cm³)	(cm³)
CA50	1	5.0	2	355	600
	2	5.0	2	385	770
	3	5.0	148	172	29458
	4	5.0	2	405	810
	5	5.0	296	222	69480
	6	5.0	2	170	810
	7	5.0	2	395	790
	8	5.0	2	343	454
	9	5.0	2	280	500
	10	5.0	2	303	600
	11	5.0	151	182	27482
	12	5.0	2	524	1048
	13	5.0	70	182	10940
	14	5.0	1	130	130
	15	5.0	70	620	10948
	16	5.0	70	82	8992
CA50	17	5.0	5	143	738
	18	5.0	2	218	438
	19	5.0	5	182	910
	20	10.0	1	340	340
	21	10.0	2	607	1314
	22	10.0	1	260	260
	23	10.0	6	680	3400
	24	10.0	1	300	300
	25	10.0	2	708	1418
	26	10.0	3	140	430
	27	10.0	2	210	420
	28	10.0	2	130	2380
	29	10.0	3	815	1546
	30	10.0	3	694	2052
	31	10.0	1	375	375
	32	10.0	3	785	2558
	33	10.0	1	280	290
	34	10.0	1	402	402
	35	10.0	1	527	1054
	36	10.0	1	235	235
	37	10.0	2	275	550
	38	10.0	4	887	3548
	39	10.0	1	118	118
	40	10.0	2	381	722
	41	10.0	2	897	1794
	42	10.0	2	338	676
	43	10.0	1	180	180
	44	10.0	1	890	1180
	45	10.0	2	482	482
	46	10.0	1	288	288
	47	10.0	2	535	1070
	48	10.0	2	249	498
	49	10.0	1	315	315
	50	10.0	1	688	688
51	10.0	2	738	1472	
52	12.5	3	142	384	
53	12.5	4	375	1500	
54	12.5	2	218	438	
55	12.5	2	249	498	
56	12.5	2	148	296	
57	12.5	2	228	456	
58	12.5	2	238	476	
59	12.5	2	285	570	
60	12.5	2	340	680	
61	12.5	2	1186	2380	
62	12.5	2	217	434	
63	12.5	1	200	200	
64	12.5	2	615	1230	
65	12.5	2	185	380	
66	12.5	2	185	380	
67	16.0	8	908	7272	
68	16.0	2	350	700	
69	16.0	1	633	633	
70	16.0	2	713	1426	
71	16.0	3	355	1065	
72	16.0	2	714	1428	



Resumo do aço

AÇO	DIAM	C.TOTAL	PIBDO = 16.1%
	(mm)	(kg)	(kg)
CA50	8.3	5.1	2.4
	10.0	208.8	223.8
	12.5	98.5	104.3
	15.0	125.3	131.4
	16.0	1448	245.2
CA50	8.3	547.8	
CA50	10.0	2452.5	

Vol. de concreto total (C=30) = 17.21 m³
Área de forma total = 170.79 m²



DETALHAMENTO DAS VIGAS DA COBERTURA

ESCALA 1:50

PROJETO ESTRUTURAL
CENTRO ADMINISTRATIVO DO PARTEC - UFVJM - DIAMANTINA-MG

DETALHAMENTOS
COBERTURA
DETALHAMENTO DAS VIGAS

Escala: 1/50
Desenho: Revisão:
Data: 03/05/2012
Unidade: cm

DESENHO **01**
FOLHA **22/33**