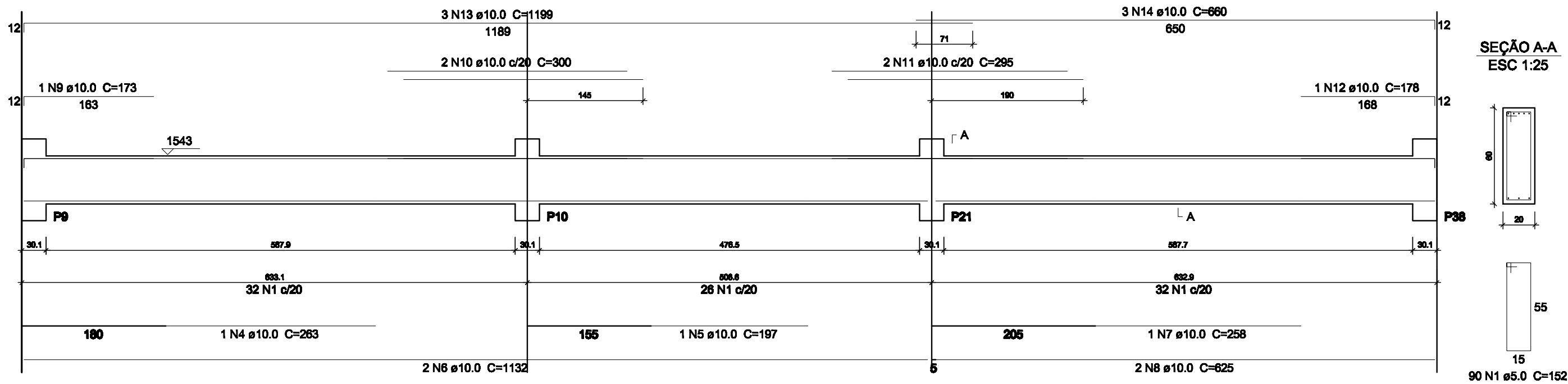
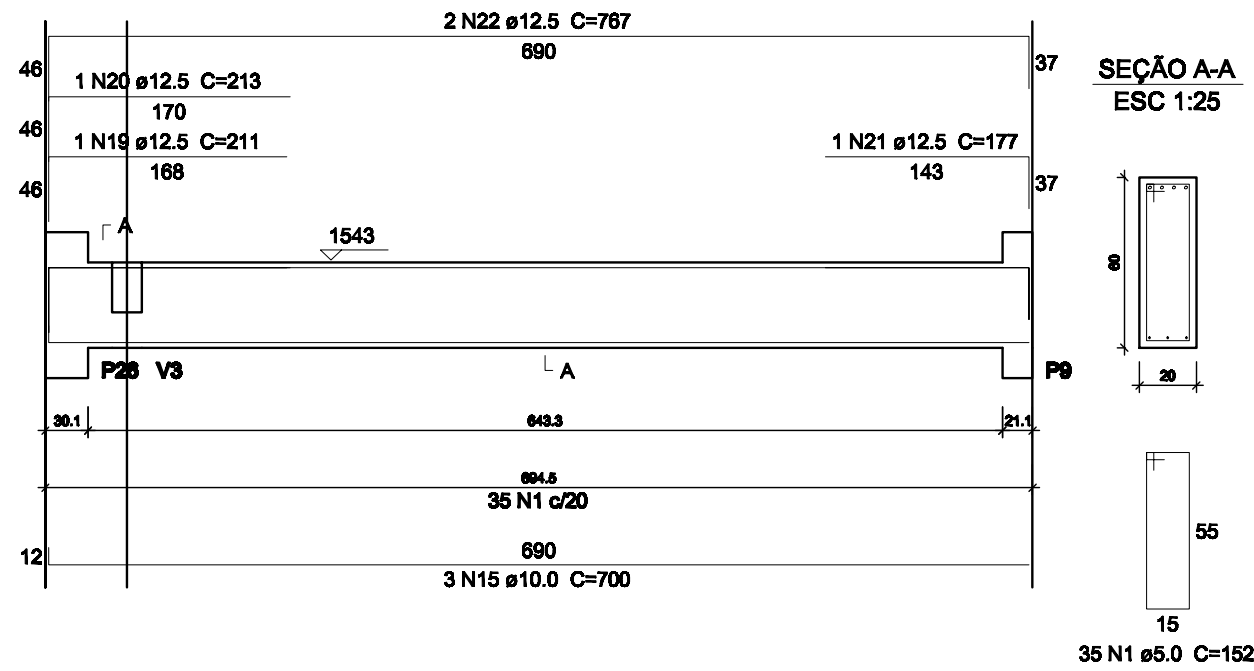


V1
1:50



V2
1:50



Relação do aço

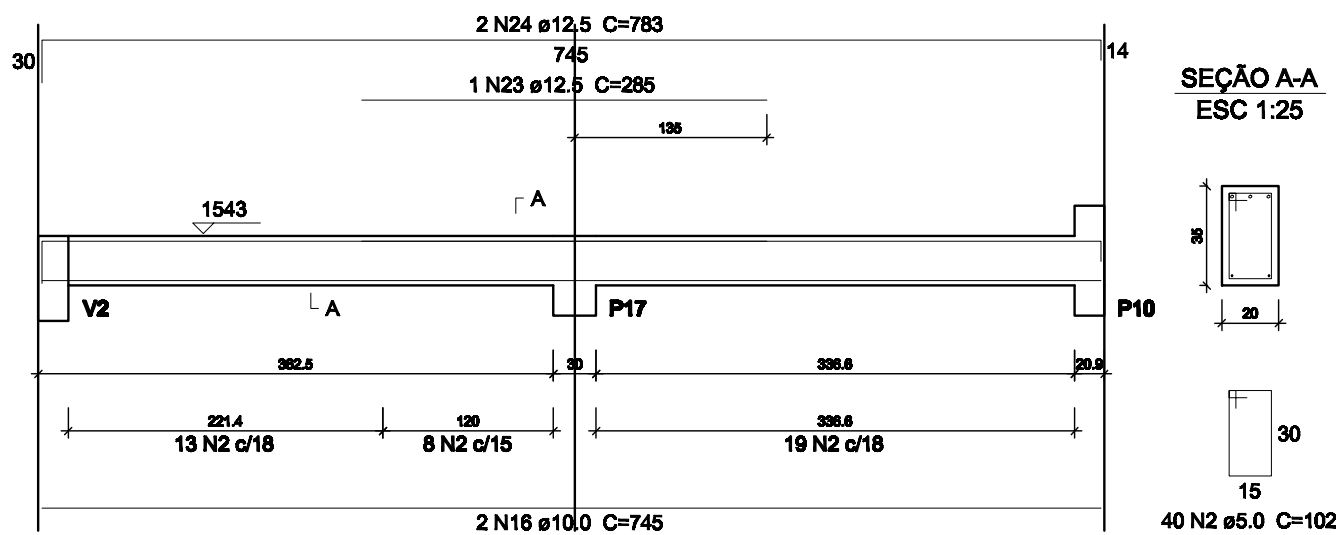
AÇO	N	DIAM	Q	UNIT	C.TOTAL
CA50	1	5.0	160	152	24320
	2	5.0	82	102	8364
CA50	3	5.0	20	142	2840
	4	10.0	1	263	263
	5	10.0	1	197	197
	6	10.0	2	1132	2264
	7	10.0	1	258	258
	8	10.0	2	625	1250
	9	10.0	1	173	173
	10	10.0	2	300	600
	11	10.0	2	295	590
	12	10.0	1	178	178
	13	10.0	3	1199	3597
	14	10.0	3	680	1980
	15	10.0	6	700	4200
	16	10.0	4	745	2980
	17	10.0	2	449	898
	18	10.0	2	468	936
	19	12.5	1	211	211
	20	12.5	1	213	213
	21	12.5	1	177	177
	22	12.5	2	767	1534
	23	12.5	1	285	285
	24	12.5	4	783	3132
	25	12.5	1	204	204
	26	12.5	1	228	228
	27	12.5	1	170	170
	28	12.5	2	763	1526
	29	12.5	1	280	280

Resumo do aço

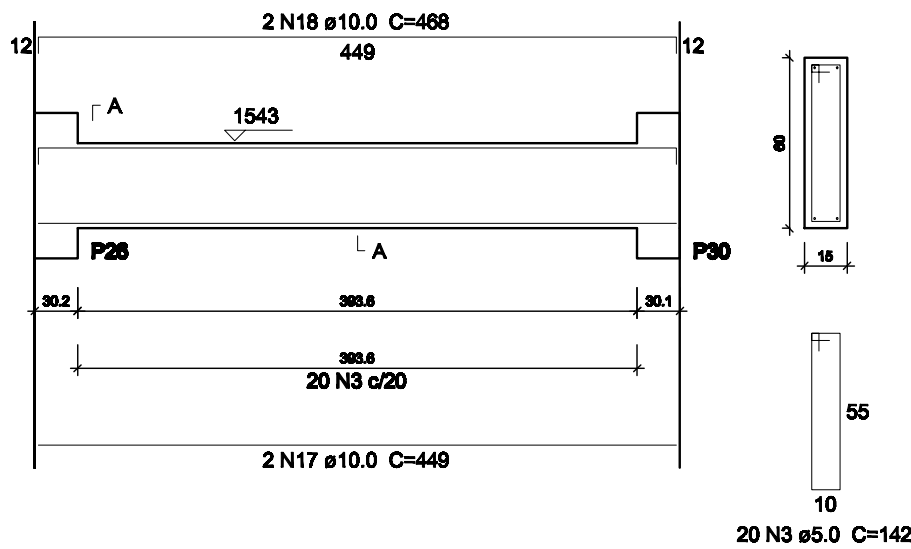
AÇO	DIAM	C.TOTAL	PESO + 10 %
CA50	10.0	203.7	138.1
CA60	12.5	79.6	84.3
CA60	5.0	356.3	60.2
PESO TOTAL			
CA50	222.4		
CA60	60.2		

Vol. de concreto total (C-30) = 5.25 m³
Área de forma total = 63.9 m²

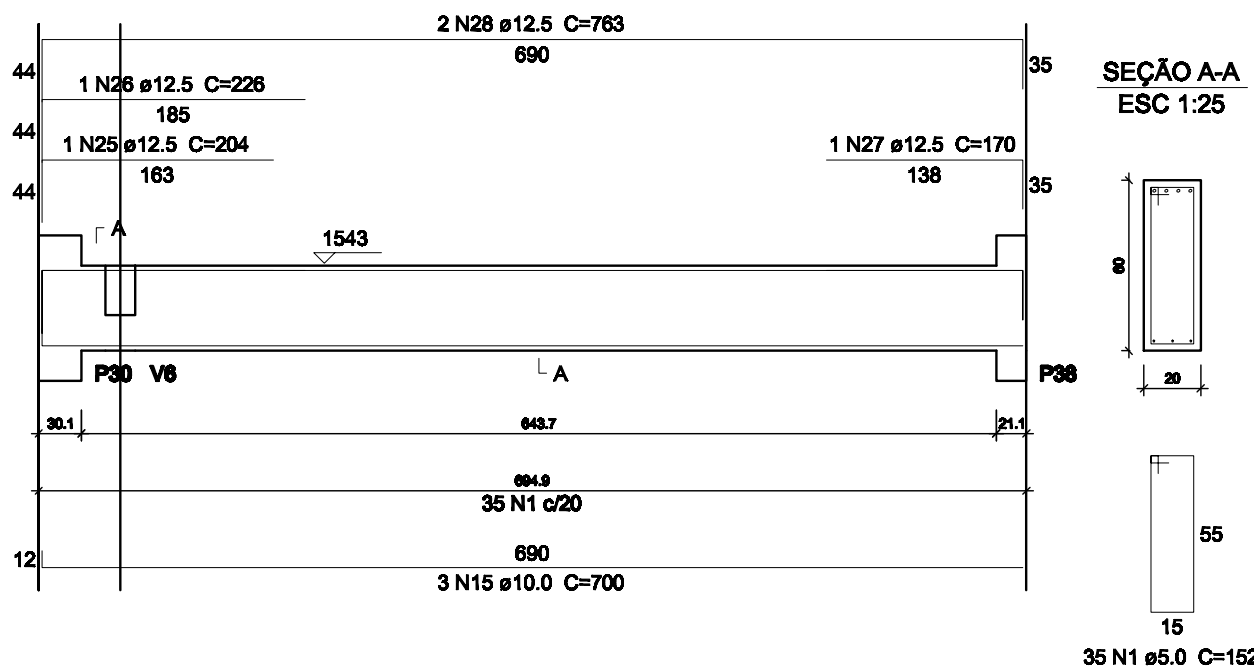
V3
1:50



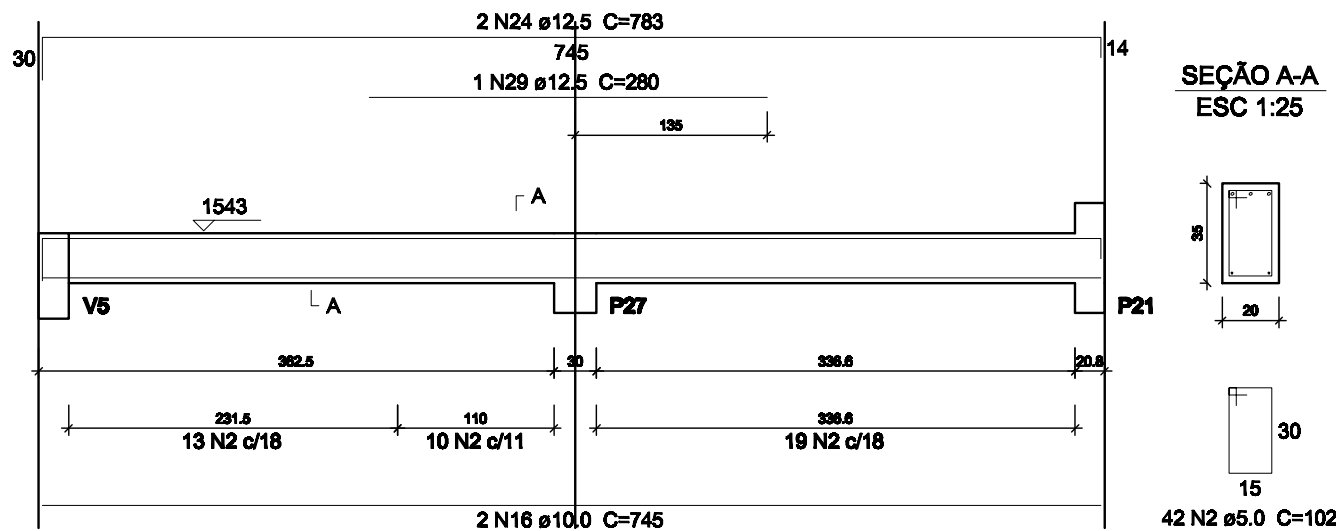
V4
1:50



V5
1:50



V6
1:50



DETALHAMENTO DAS VIGAS DO VOLUME OVAL

ESCALA 1:50

PROJETO ESTRUTURAL

CENTRO ADMINISTRATIVO DO PARTEC - UFVJM - DIAMANTINA-MG

DETALHAMENTOS

VOLUME OVAL

DETALHAMENTO DAS VIGAS

Escala: 1/50

Desenho:

Data: 03/05/2012

Revisão:

Unidade: cm

DESENHO
01

FOLHA
29/33

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