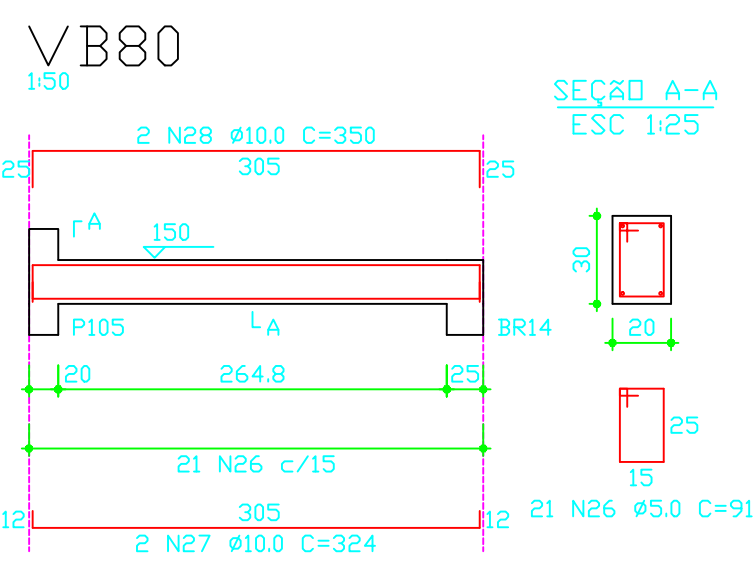
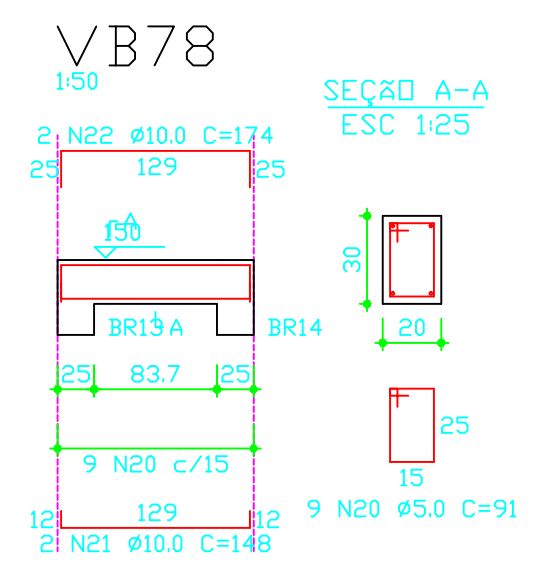
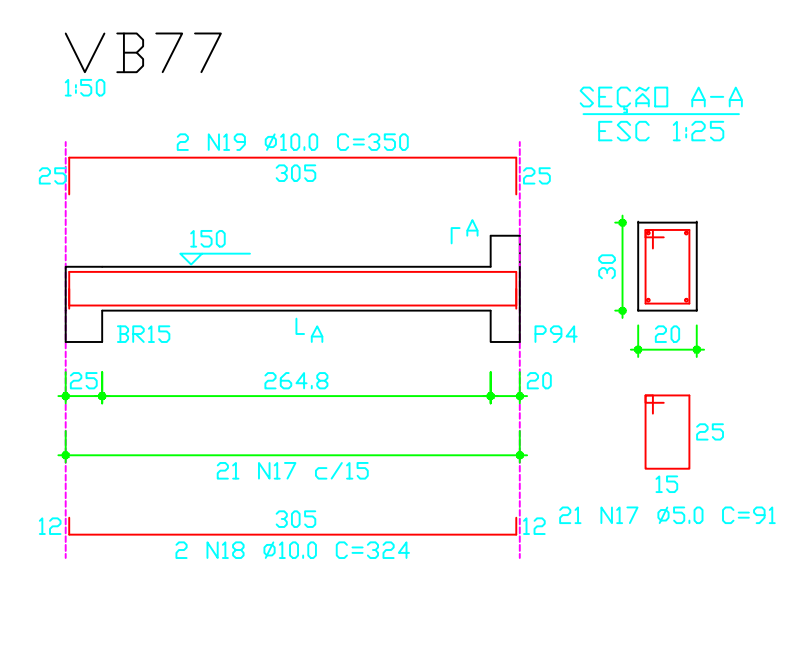
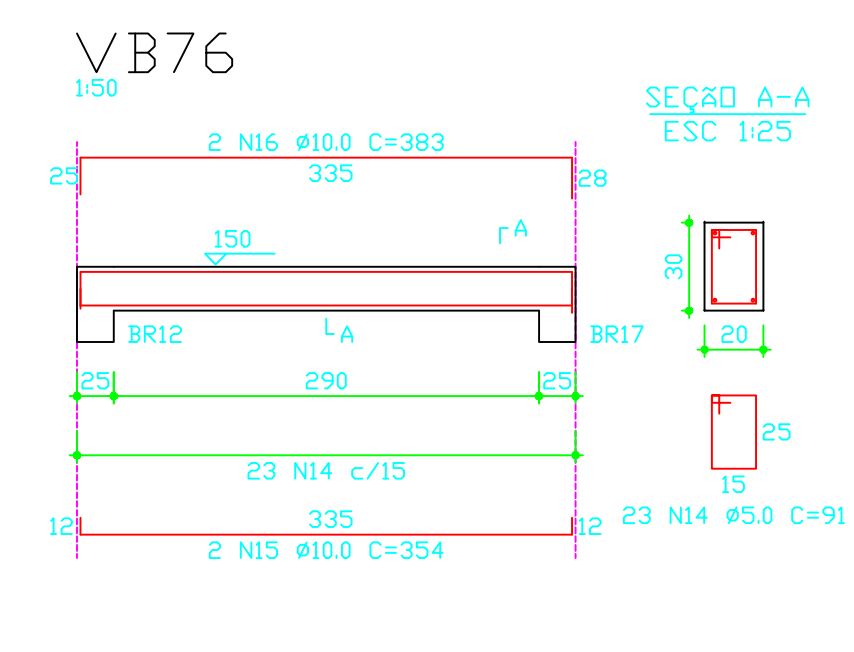
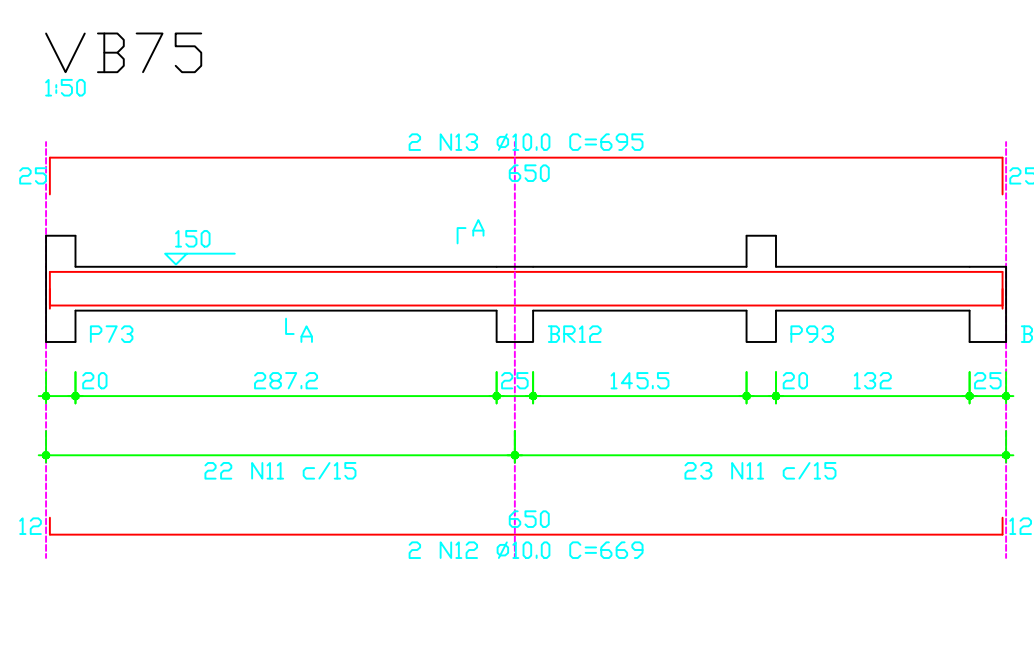
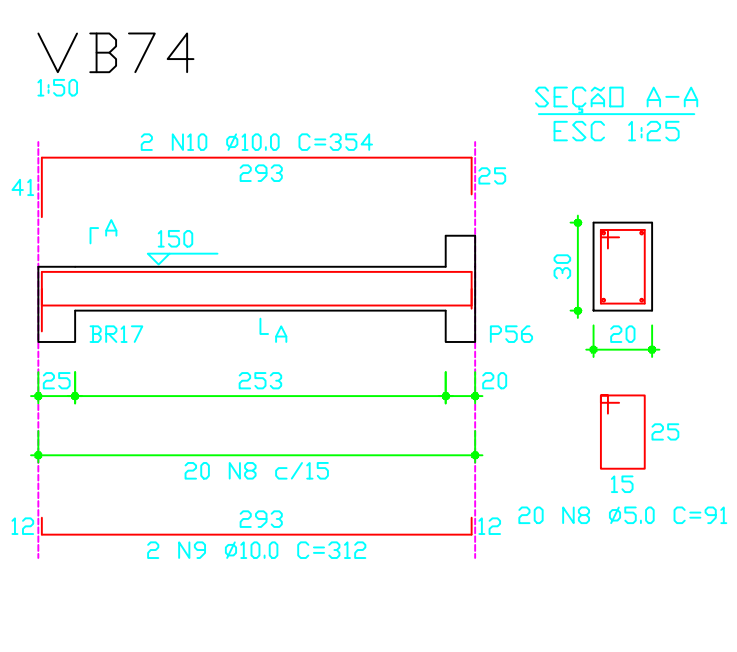
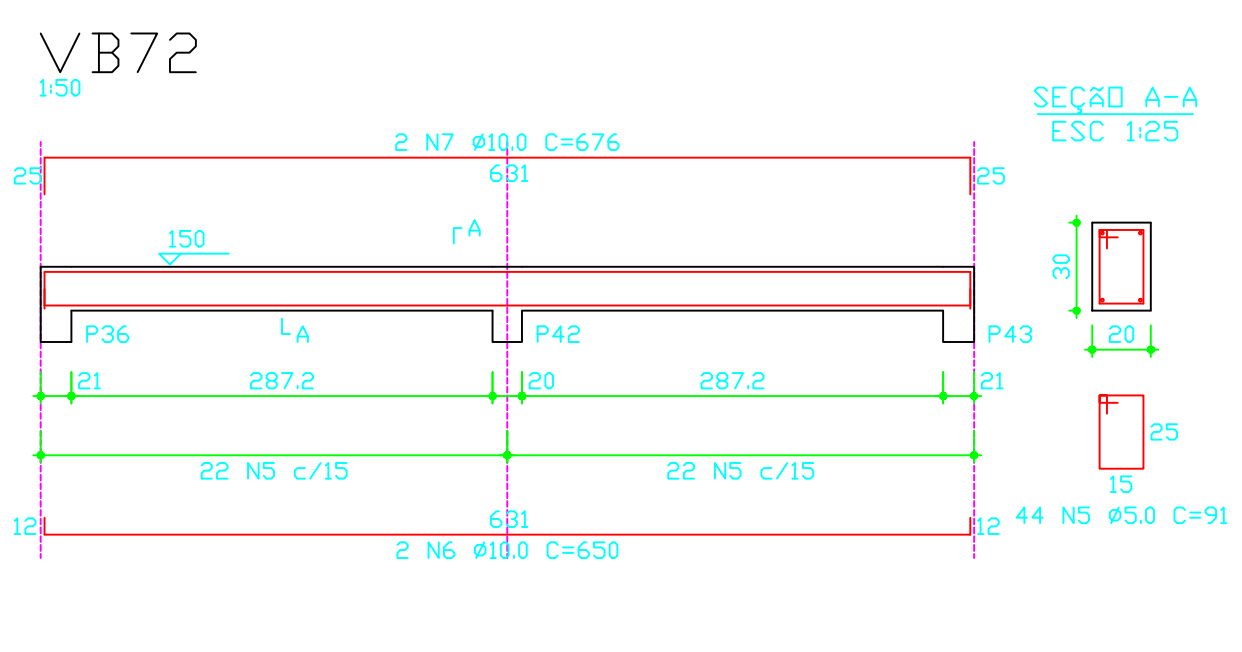
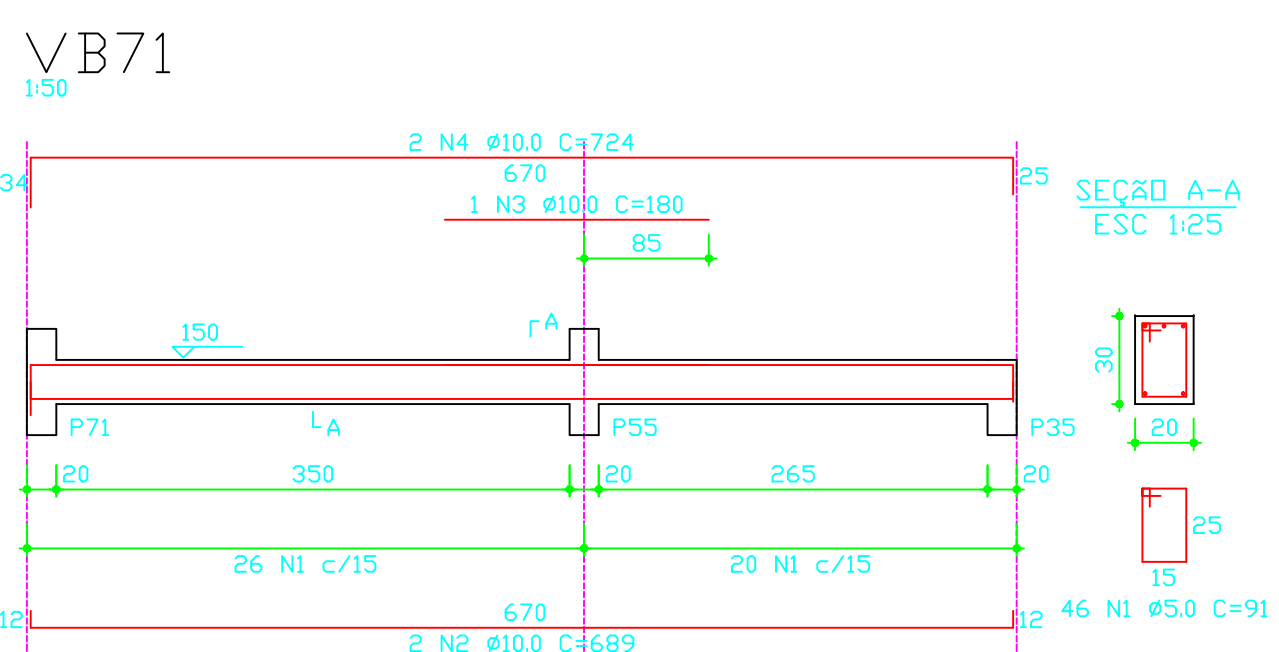
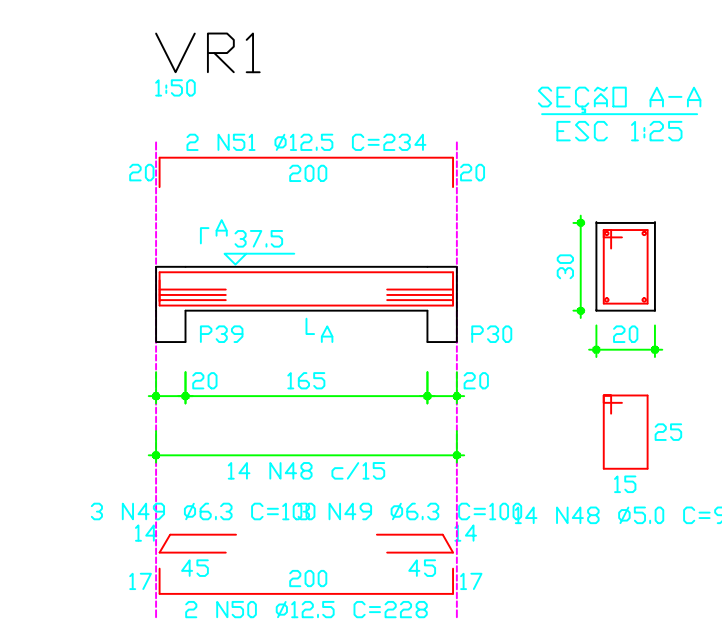
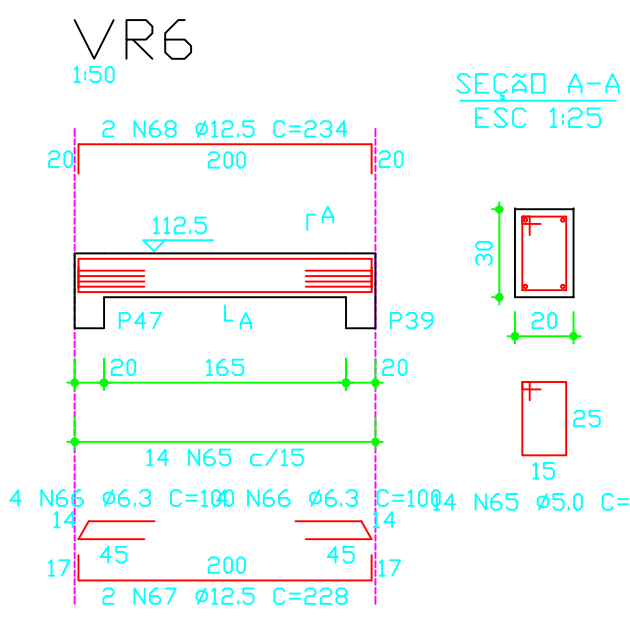
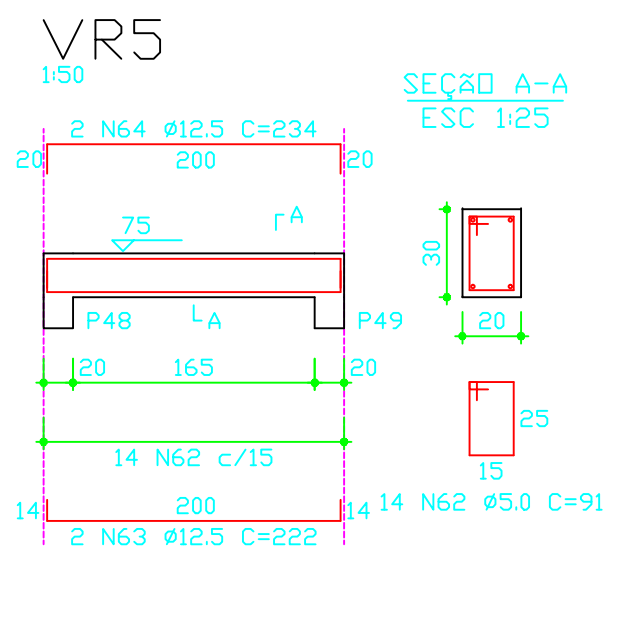
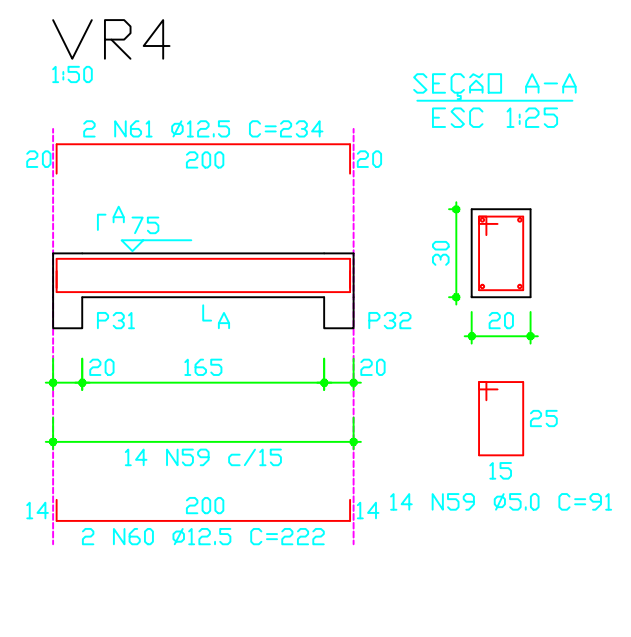
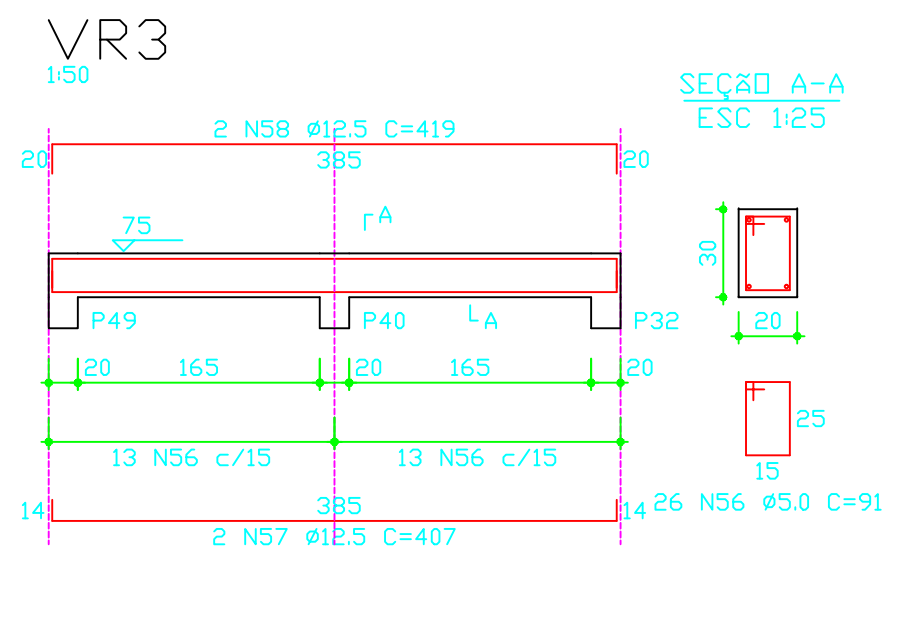
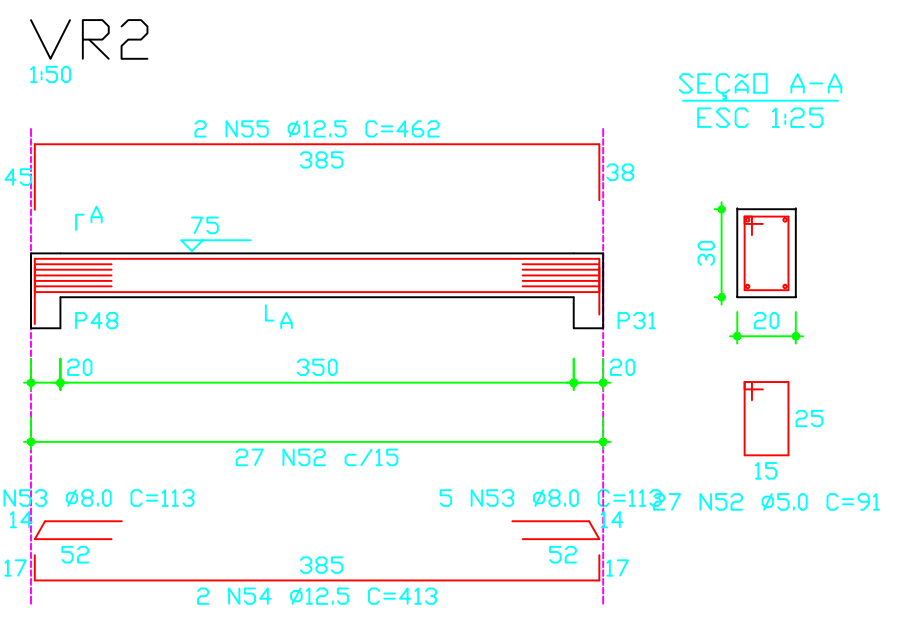
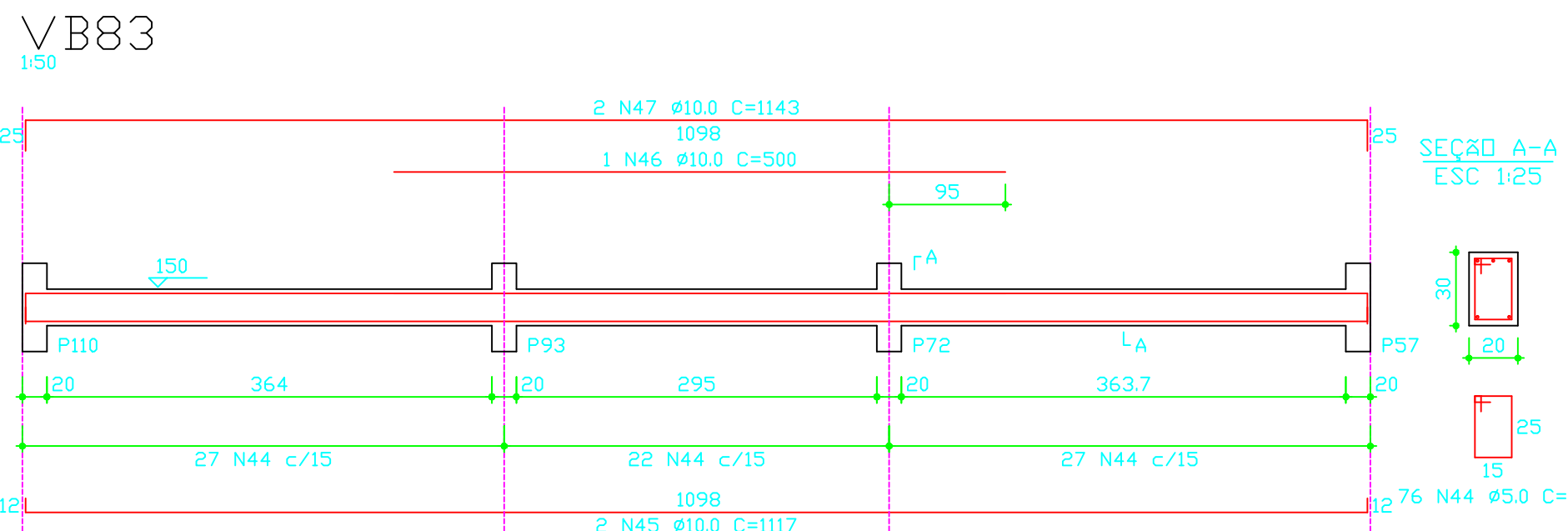
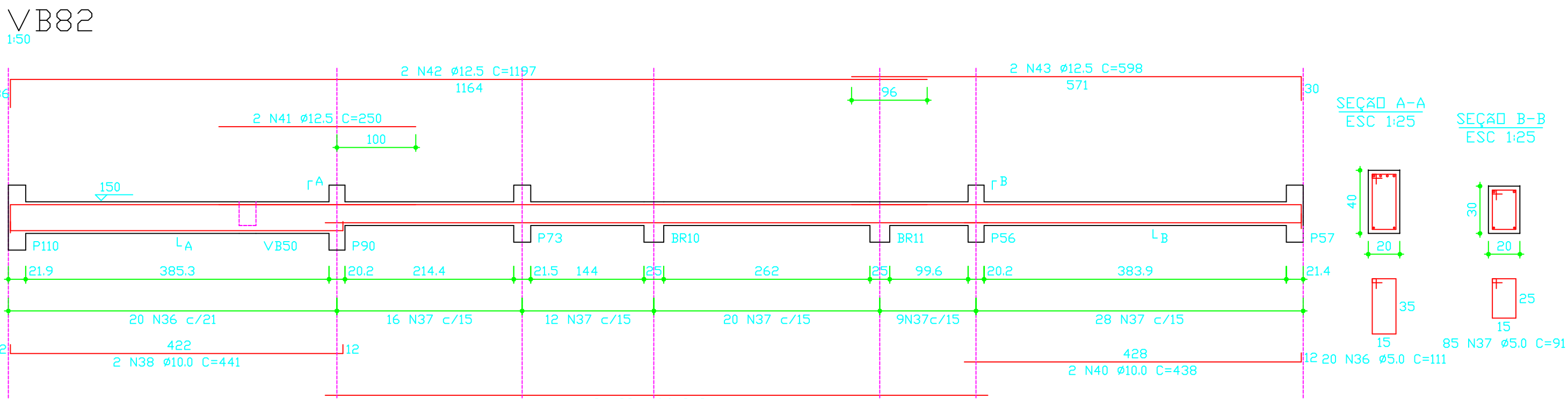
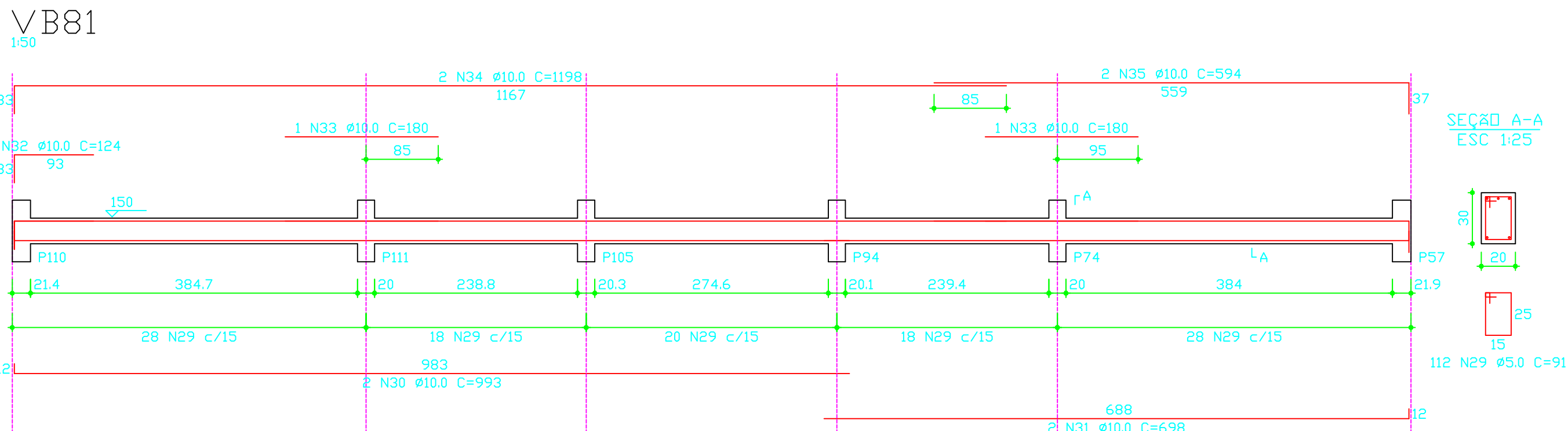
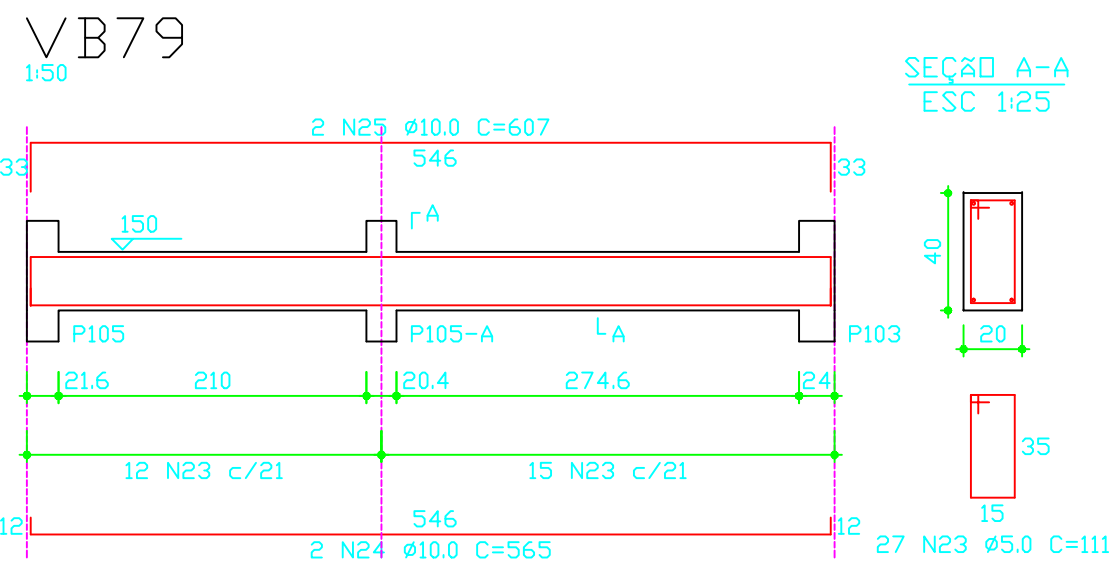




RELAÇÃO DO AÇO					
ELEMENTO	AÇO	N	DIAM	Q	C.TOTAL (cm²)
VB71	60	1	5.0	46	4196
VB72	60	1	10.0	689	1378
VB74	60	2	4.0	35	180
VB75	60	1	10.0	754	1448
VB76	60	1	10.0	650	1300
VB77	60	1	10.0	616	1232
VB78	60	1	10.0	754	1448
VB79	60	1	10.0	650	1300
VB80	60	1	10.0	616	1232
VR1	60	1	10.0	35	180
VR2	60	1	10.0	35	180
VR3	60	1	10.0	35	180
VR4	60	1	10.0	35	180
VR5	60	1	10.0	35	180
VR6	60	1	10.0	35	180
VR7	60	1	10.0	35	180
VR8	60	1	10.0	35	180
VR9	60	1	10.0	35	180
VR10	60	1	10.0	35	180
VR11	60	1	10.0	35	180
VR12	60	1	10.0	35	180
VR13	60	1	10.0	35	180
VR14	60	1	10.0	35	180
VR15	60	1	10.0	35	180
VR16	60	1	10.0	35	180
VR17	60	1	10.0	35	180
VR18	60	1	10.0	35	180
VR19	60	1	10.0	35	180
VR20	60	1	10.0	35	180
VR21	60	1	10.0	35	180
VR22	60	1	10.0	35	180
VR23	60	1	10.0	35	180
VR24	60	1	10.0	35	180
VR25	60	1	10.0	35	180
VR26	60	1	10.0	35	180
VR27	60	1	10.0	35	180
VR28	60	1	10.0	35	180
VR29	60	1	10.0	35	180
VR30	60	1	10.0	35	180
VR31	60	1	10.0	35	180
VR32	60	1	10.0	35	180
VR33	60	1	10.0	35	180
VR34	60	1	10.0	35	180
VR35	60	1	10.0	35	180
VR36	60	1	10.0	35	180
VR37	60	1	10.0	35	180
VR38	60	1	10.0	35	180
VR39	60	1	10.0	35	180
VR40	60	1	10.0	35	180
VR41	60	1	10.0	35	180
VR42	60	1	10.0	35	180
VR43	60	1	10.0	35	180
VR44	60	1	10.0	35	180
VR45	60	1	10.0	35	180
VR46	60	1	10.0	35	180
VR47	60	1	10.0	35	180
VR48	60	1	10.0	35	180
VR49	60	1	10.0	35	180
VR50	60	1	10.0	35	180
VR51	60	1	10.0	35	180
VR52	60	1	10.0	35	180
VR53	60	1	10.0	35	180
VR54	60	1	10.0	35	180
VR55	60	1	10.0	35	180
VR56	60	1	10.0	35	180
VR57	60	1	10.0	35	180
VR58	60	1	10.0	35	180
VR59	60	1	10.0	35	180
VR60	60	1	10.0	35	180
VR61	60	1	10.0	35	180
VR62	60	1	10.0	35	180
VR63	60	1	10.0	35	180
VR64	60	1	10.0	35	180
VR65	60	1	10.0	35	180
VR66	60	1	10.0	35	180
VR67	60	1	10.0	35	180
VR68	60	1	10.0	35	180
VR69	60	1	10.0	35	180
VR70	60	1	10.0	35	180
VR71	60	1	10.0	35	180
VR72	60	1	10.0	35	180
VR73	60	1	10.0	35	180
VR74	60	1	10.0	35	180
VR75	60	1	10.0	35	180
VR76	60	1	10.0	35	180
VR77	60	1	10.0	35	180
VR78	60	1	10.0	35	180
VR79	60	1	10.0	35	180
VR80	60	1	10.0	35	180
VR81	60	1	10.0	35	180
VR82	60	1	10.0	35	180
VR83	60	1	10.0	35	180
VR84	60	1	10.0	35	180
VR85	60	1	10.0	35	180
VR86	60	1	10.0	35	180
VR87	60	1	10.0	35	180
VR88	60	1	10.0	35	180
VR89	60	1	10.0	35	180
VR90	60	1	10.0	35	180
VR91	60	1	10.0	35	180
VR92	60	1	10.0	35	180
VR93	60	1	10.0	35	180
VR94	60	1	10.0	35	180
VR95	60	1	10.0	35	180
VR96	60	1	10.0	35	180
VR97	60	1	10.0	35	180
VR98	60	1	10.0	35	180
VR99	60	1	10.0	35	180
VR100	60	1	10.0	35	180

RESUMO DO AÇO			
AÇO	DIAM	C.TOTAL (cm²)	PESO+10% (kg)
CA50	6.3	14.0	3.5
CA50	8.0	11.2	4.0
CA50	10.0	328.0	222.5
CA50	12.5	111.7	18.4
CA50	15.0	61.4	10.7
PESO TOTAL		449.5	
CA50		349.5	
CA60		100.0	

Vol. concreto total = 6.13 m³
Área de forma total = 81.4 m²

PRÉDIO DE AUDITÓRIOS - TO

CAMPUS DE TEE FILO OTONI - MG

PROJETO ESTRUTURAL

UFVJM

Proprietário: UNIVERSIDADE DOS VALES DO JEQUITINHONHA E MUCURI

R.T.

Rogério Carlos Mariano
(CRA 51.457/2-MG)

Conteúdo:

Local:

Prorocha:

Detalhes dos Vigas

CAMPUS DE TEE FILO OTONI - MG

12/18

Escala:

Data:

Cidade:

Estado:

Indicada

Outubro/2008

Teófilo Dtoni

MG

AÇO: CA-50 e CA-60

CONCRETO: Fck = 20,0 Mpa