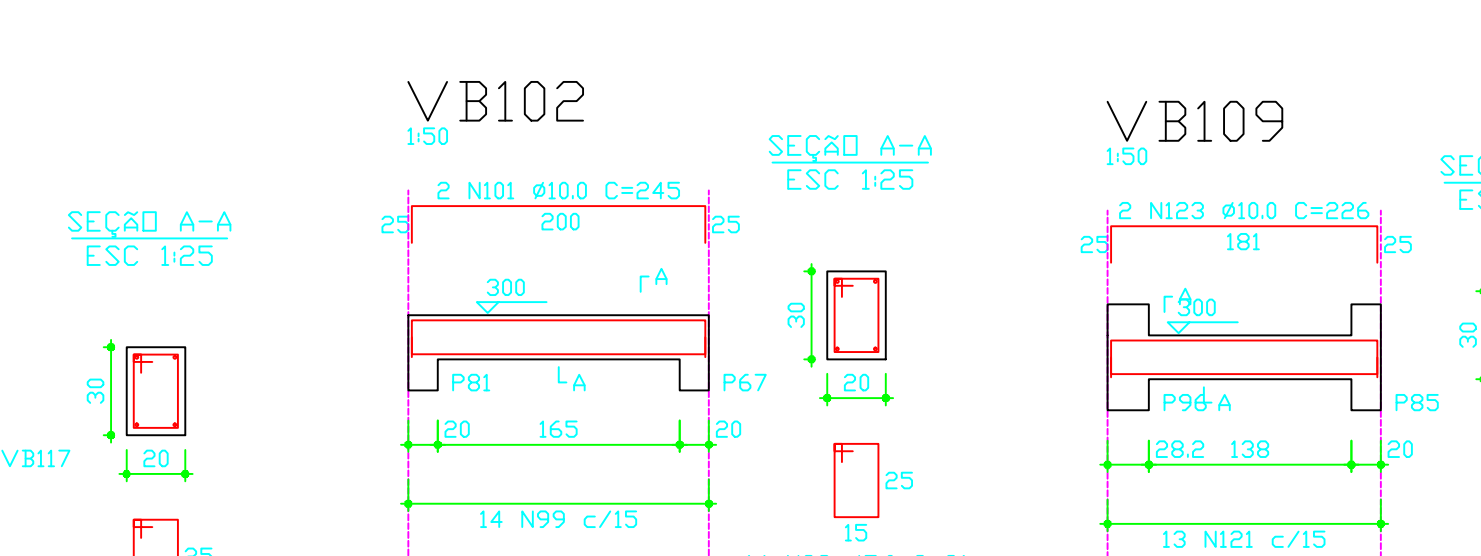
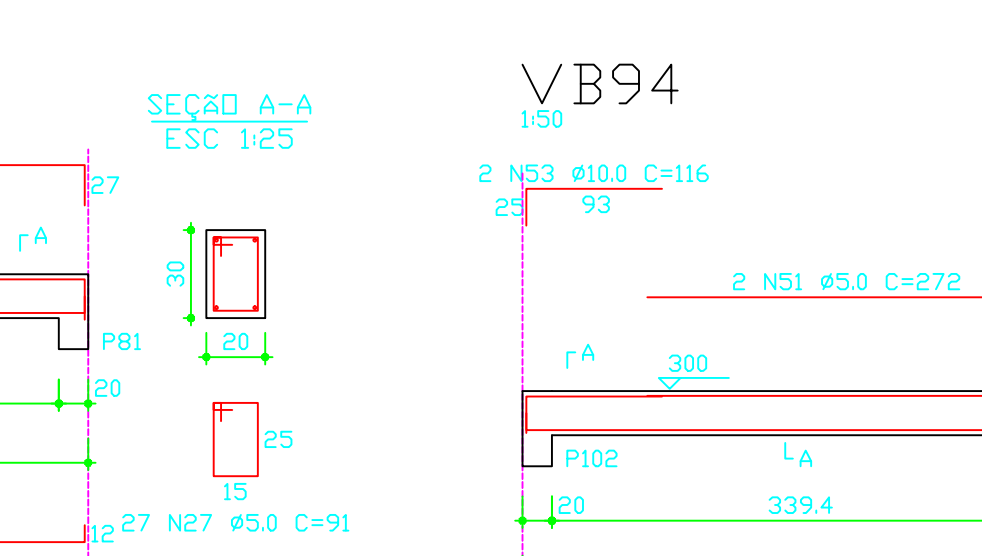
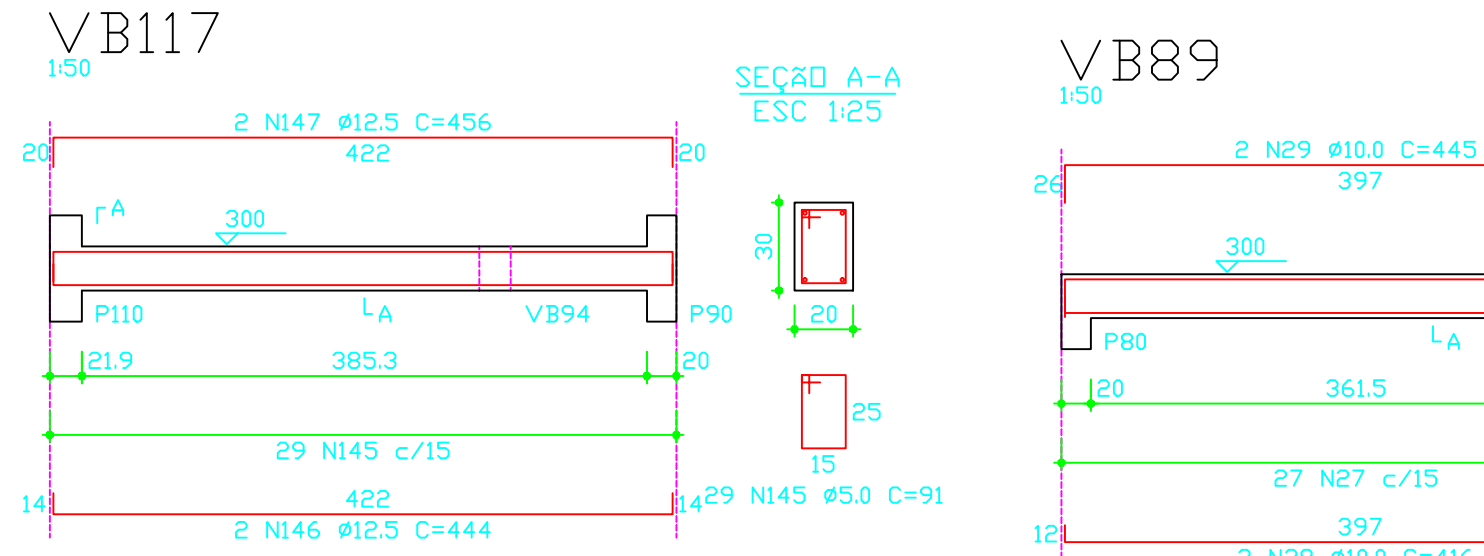
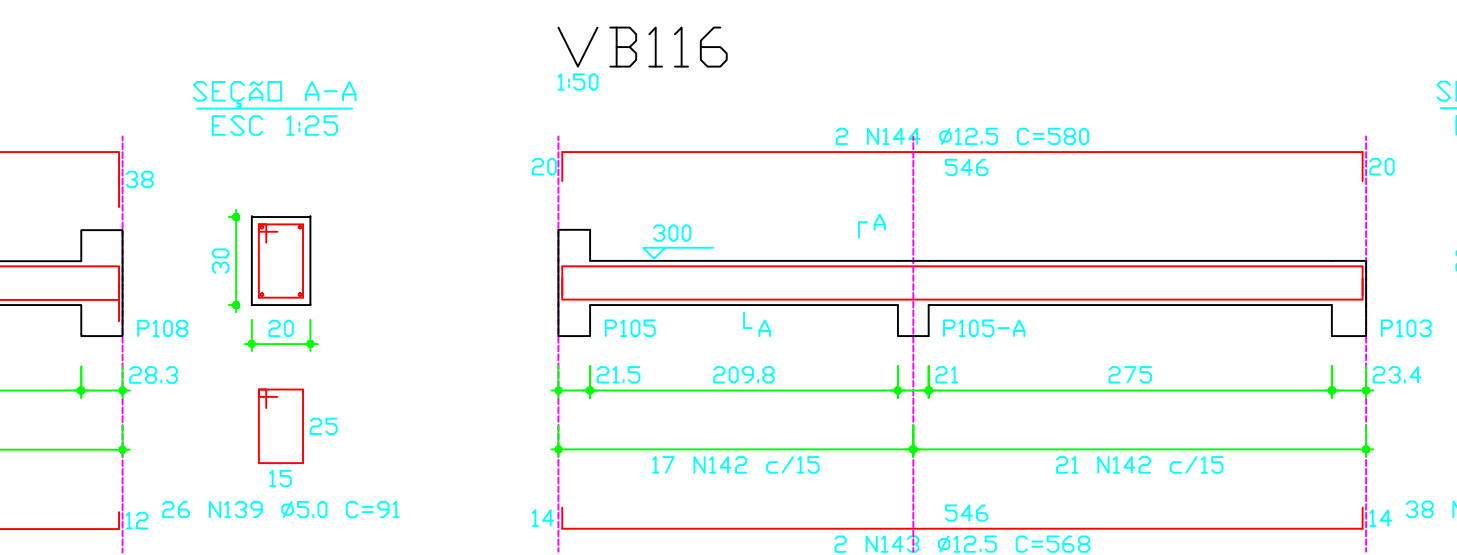
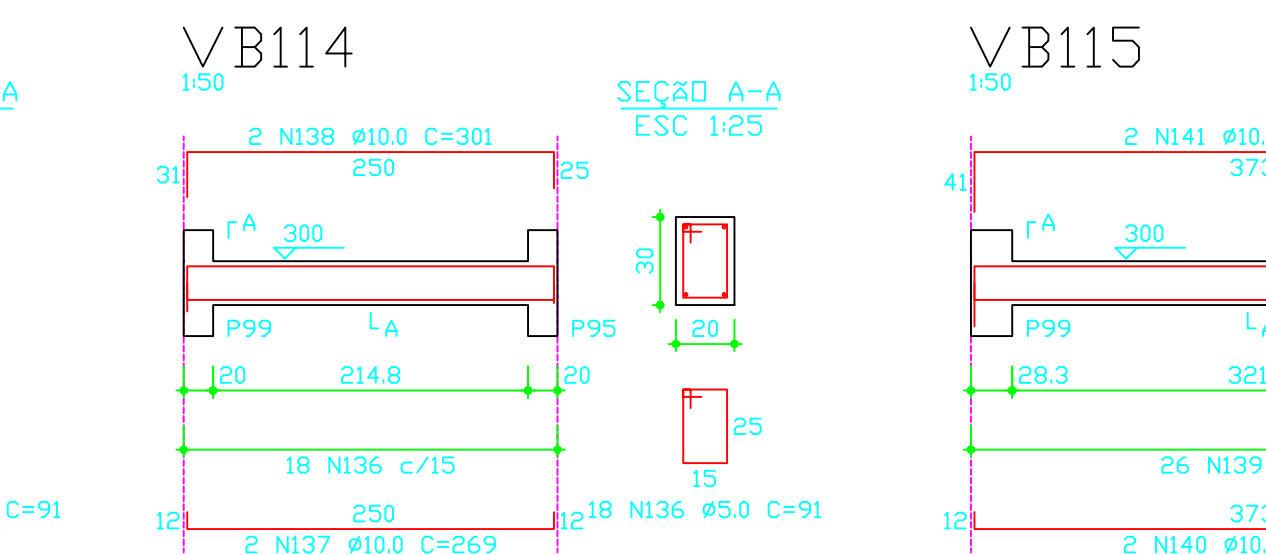
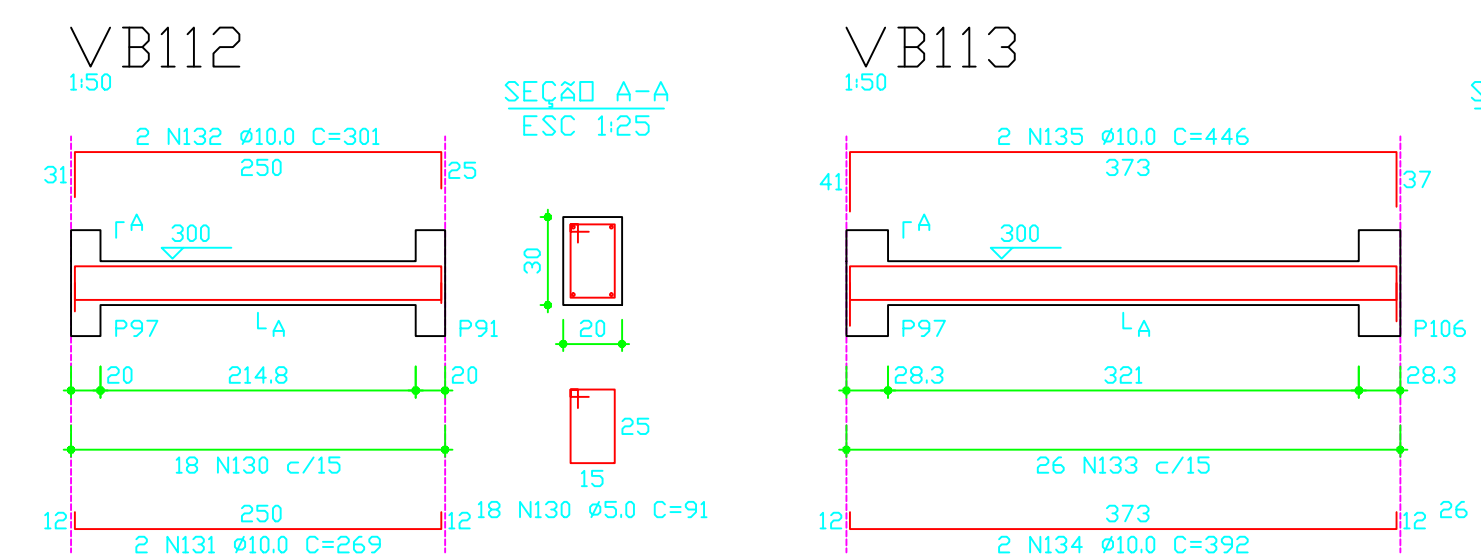
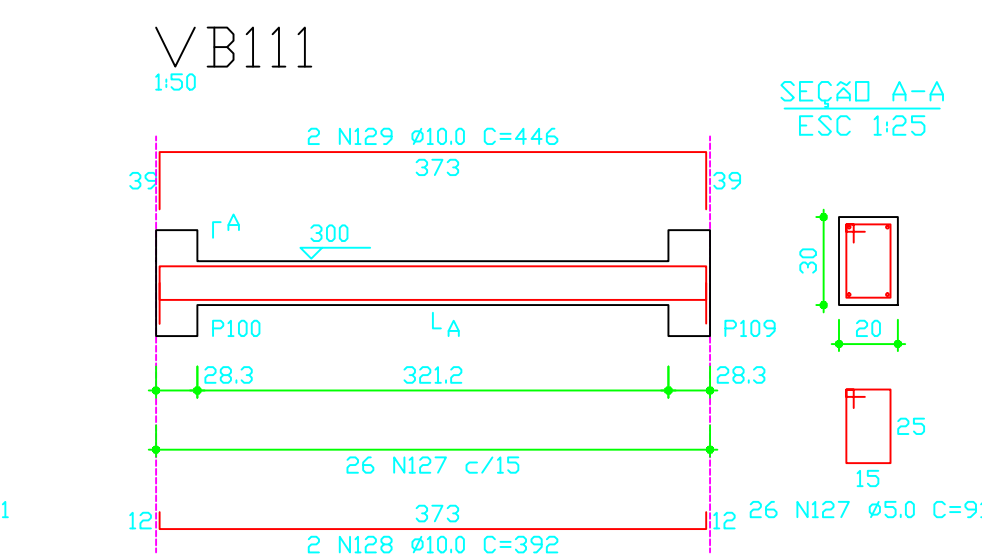
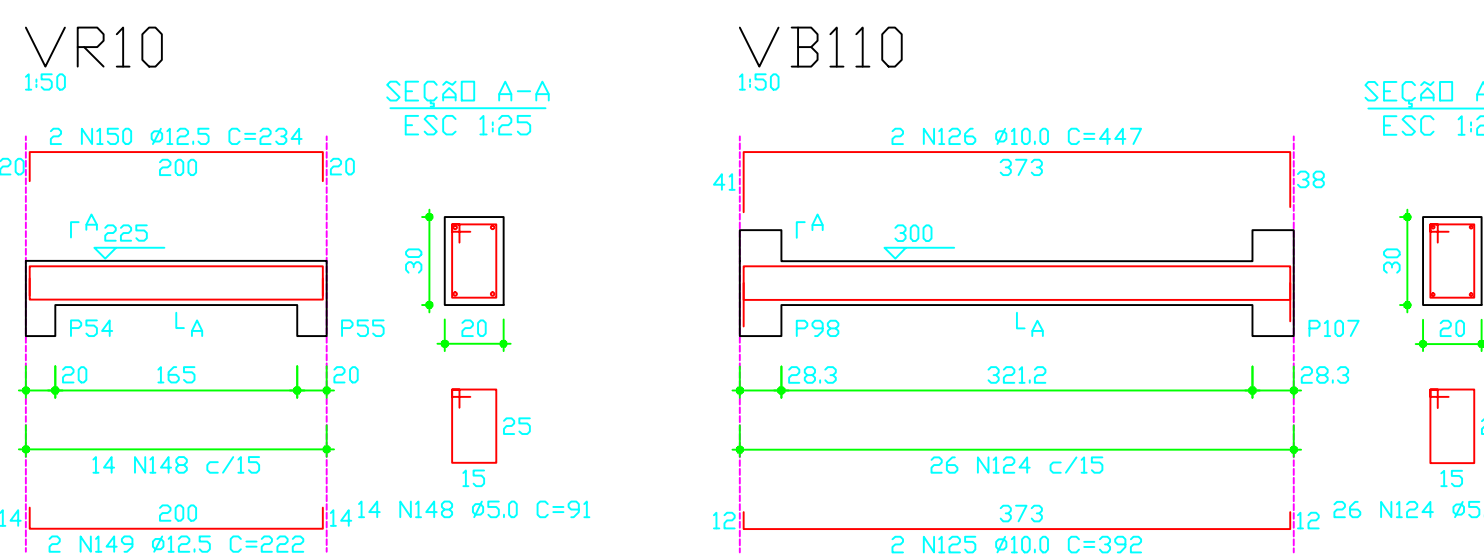
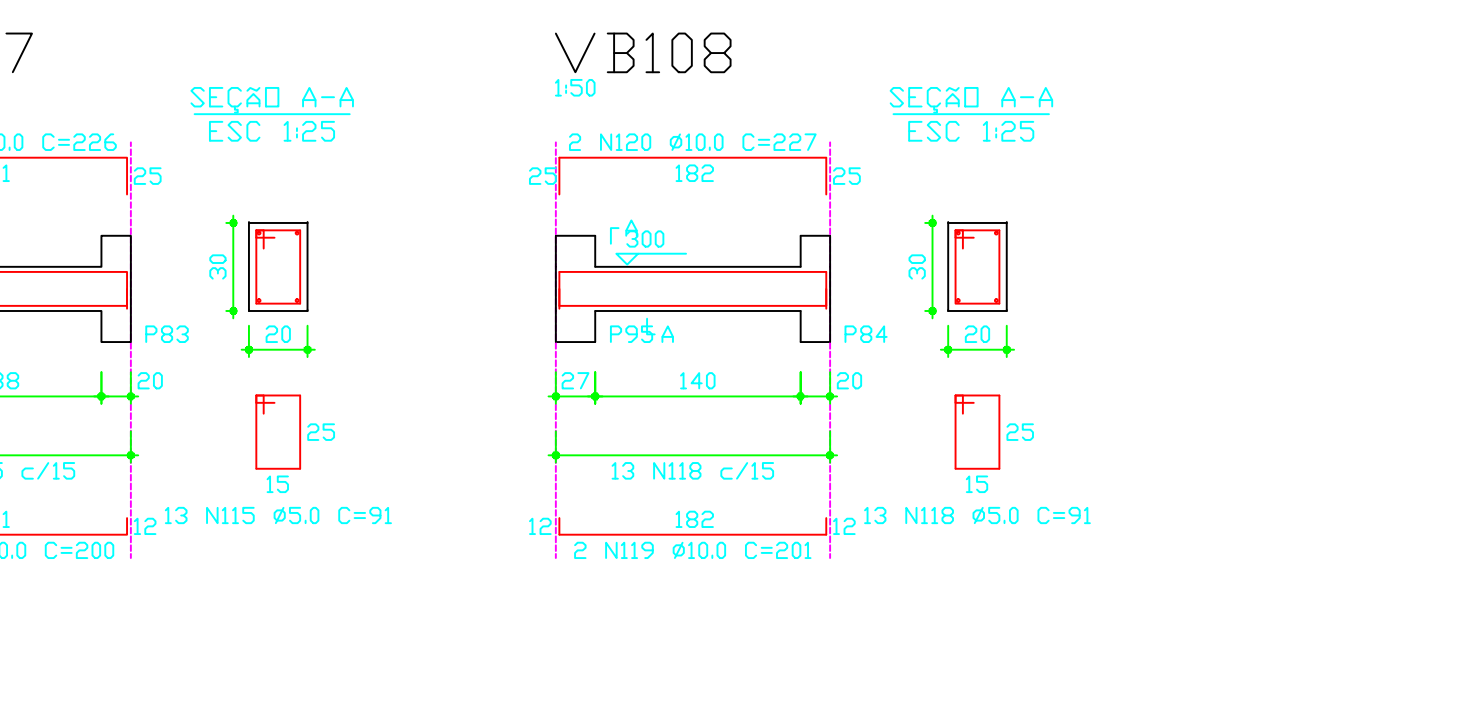
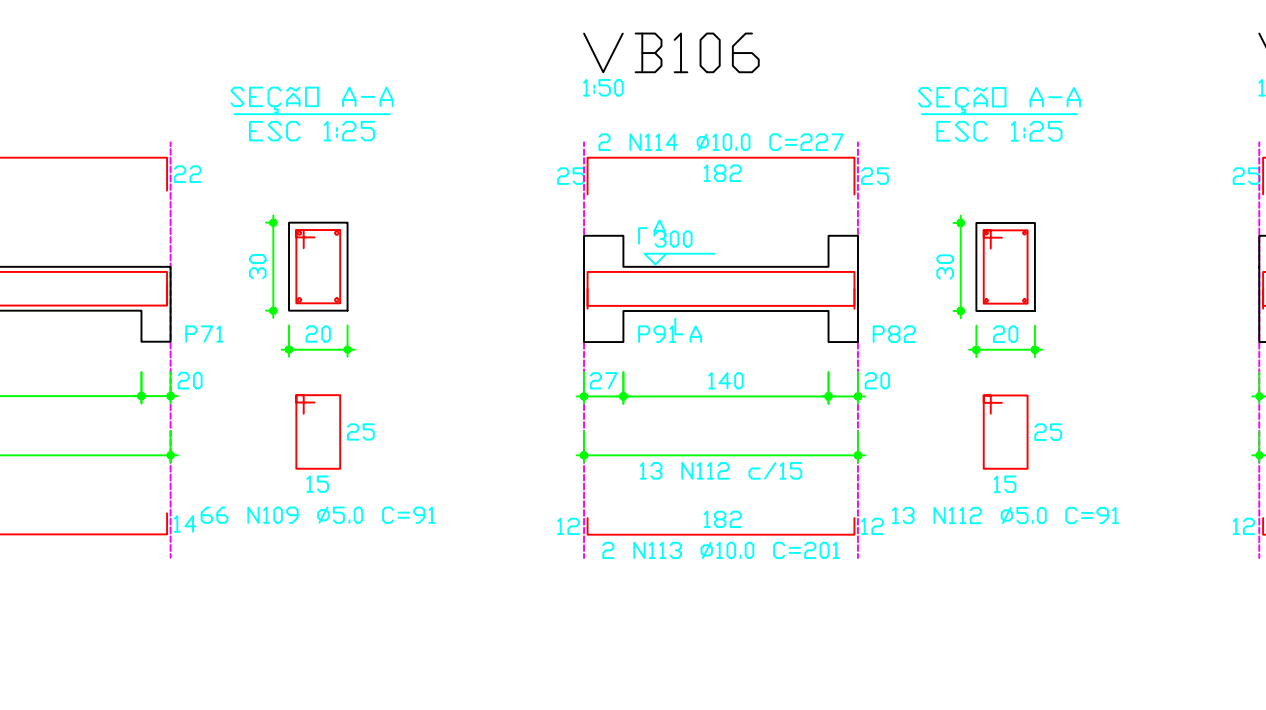
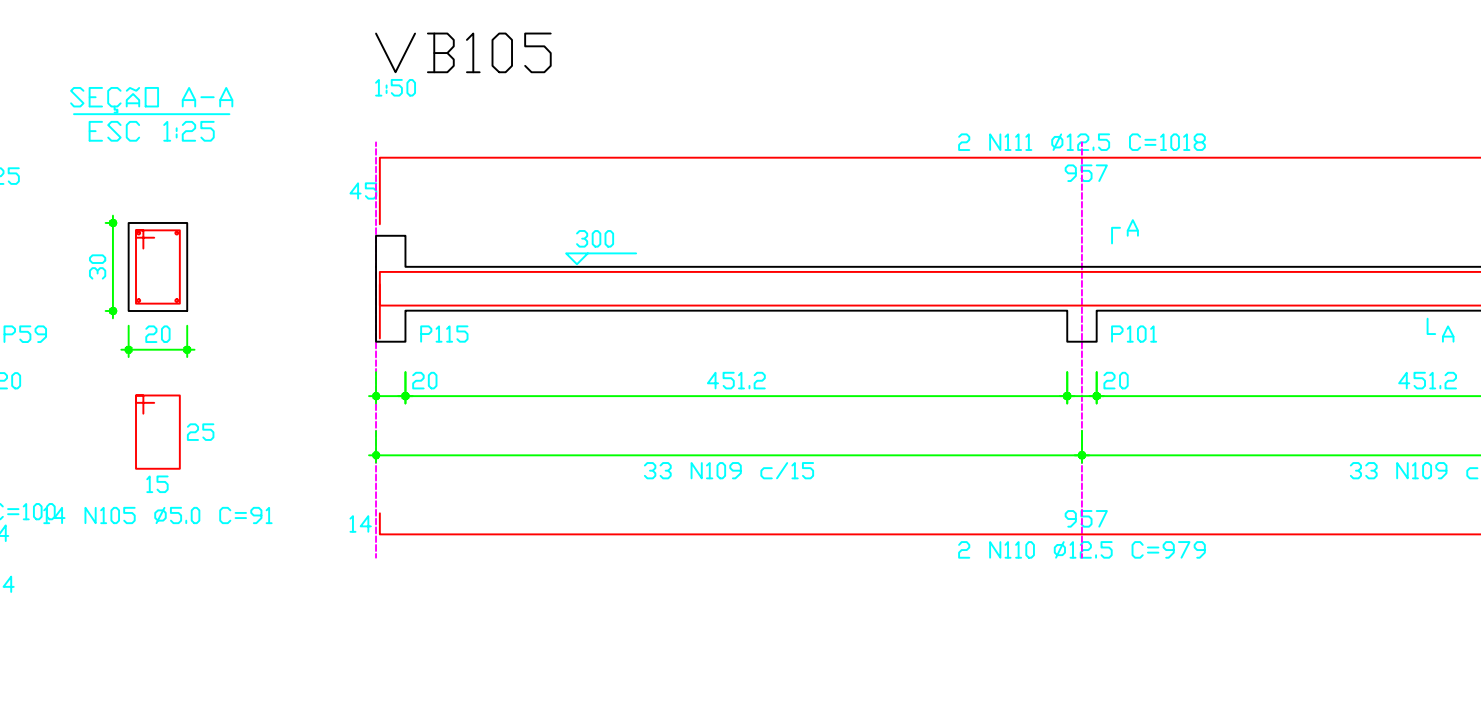
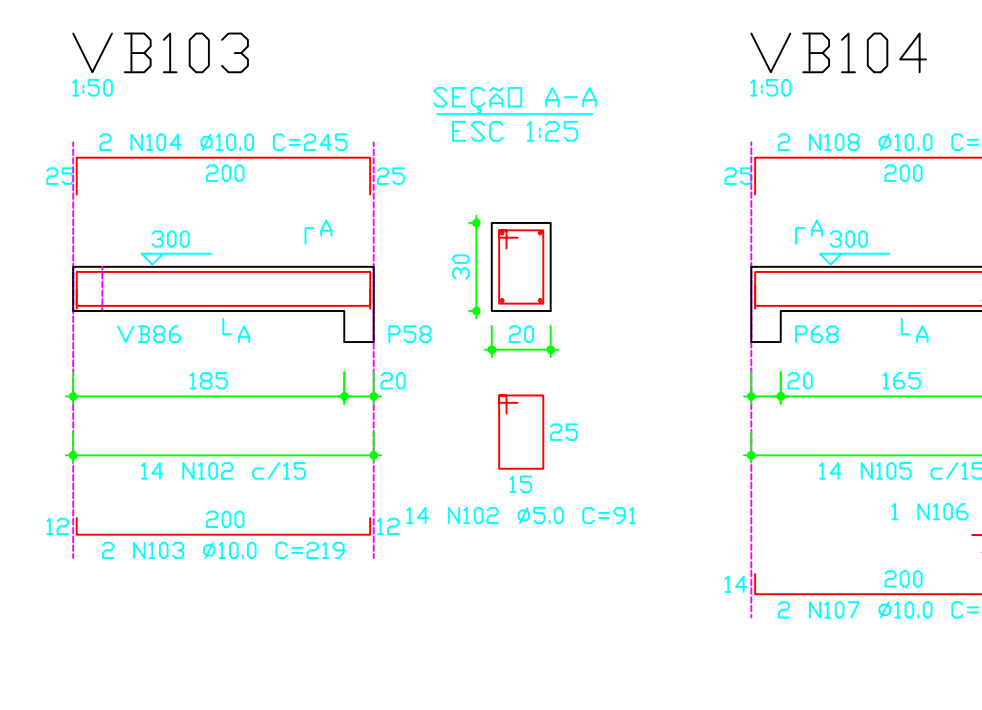
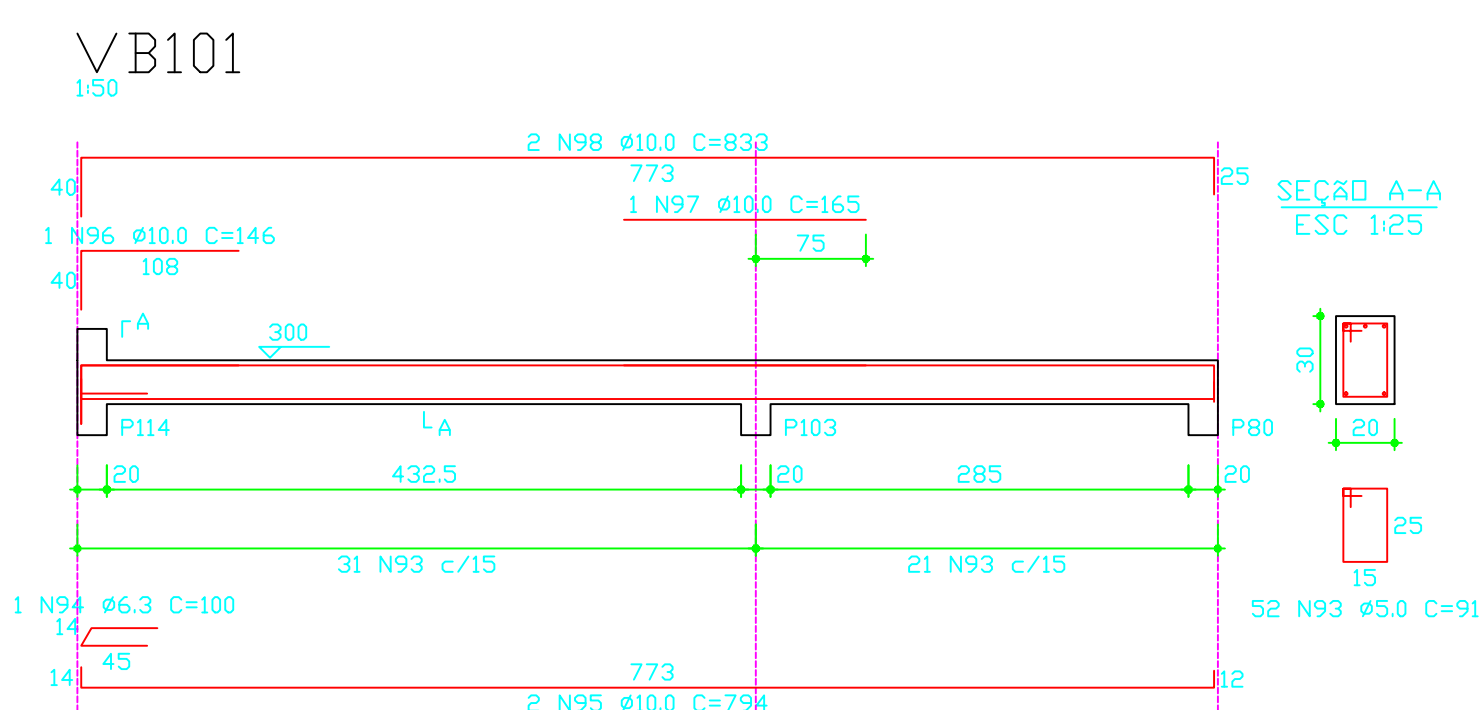
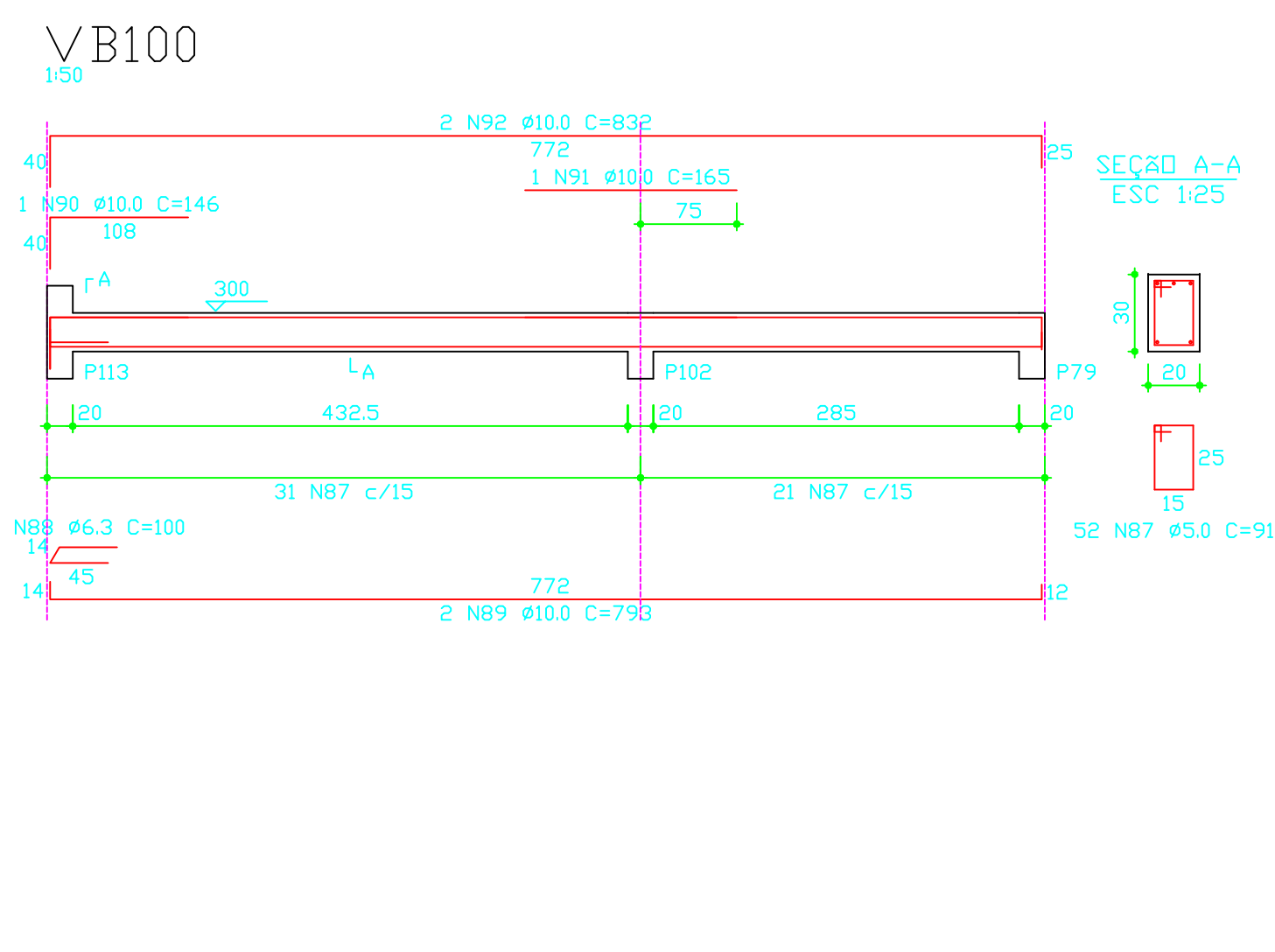
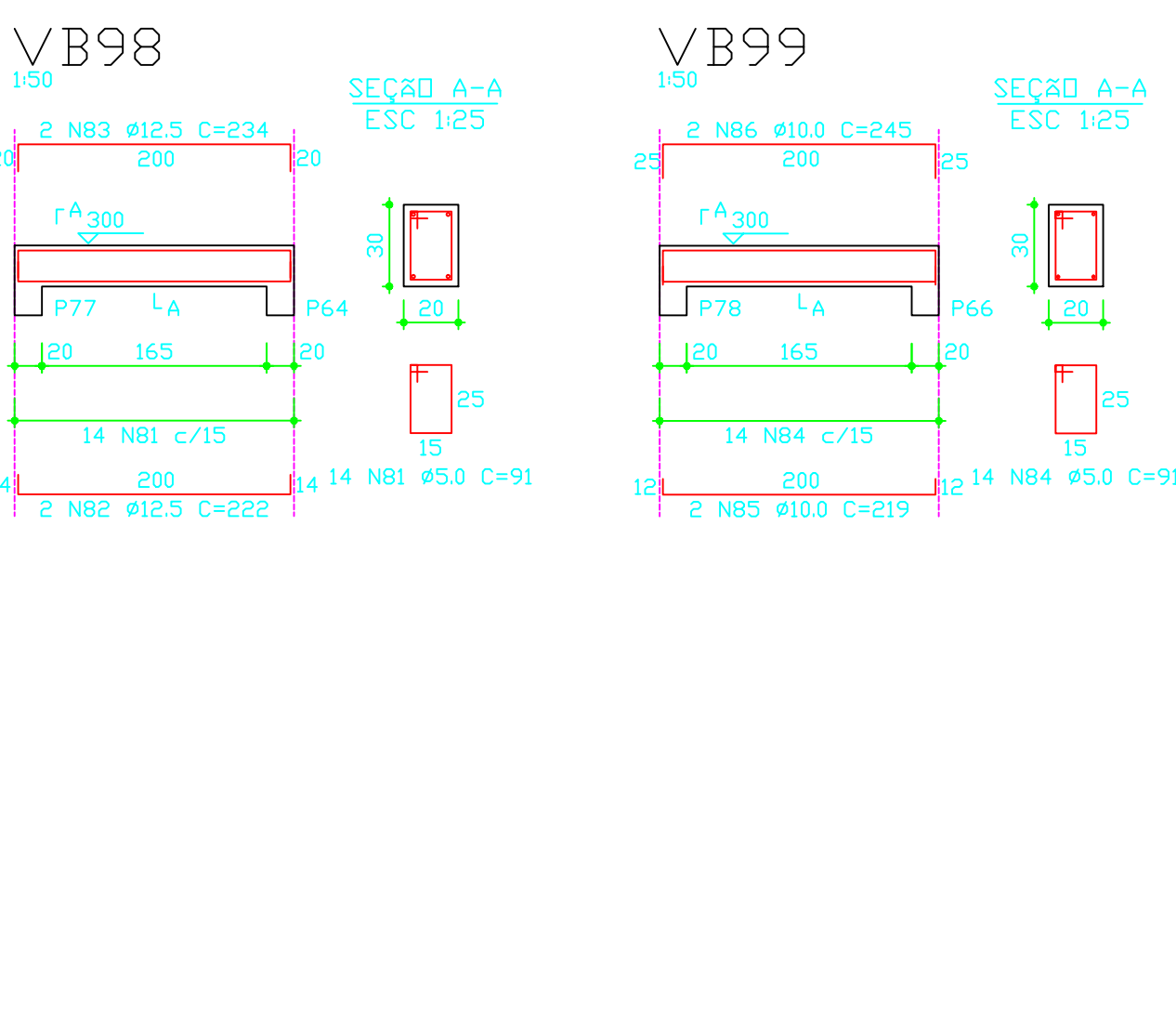
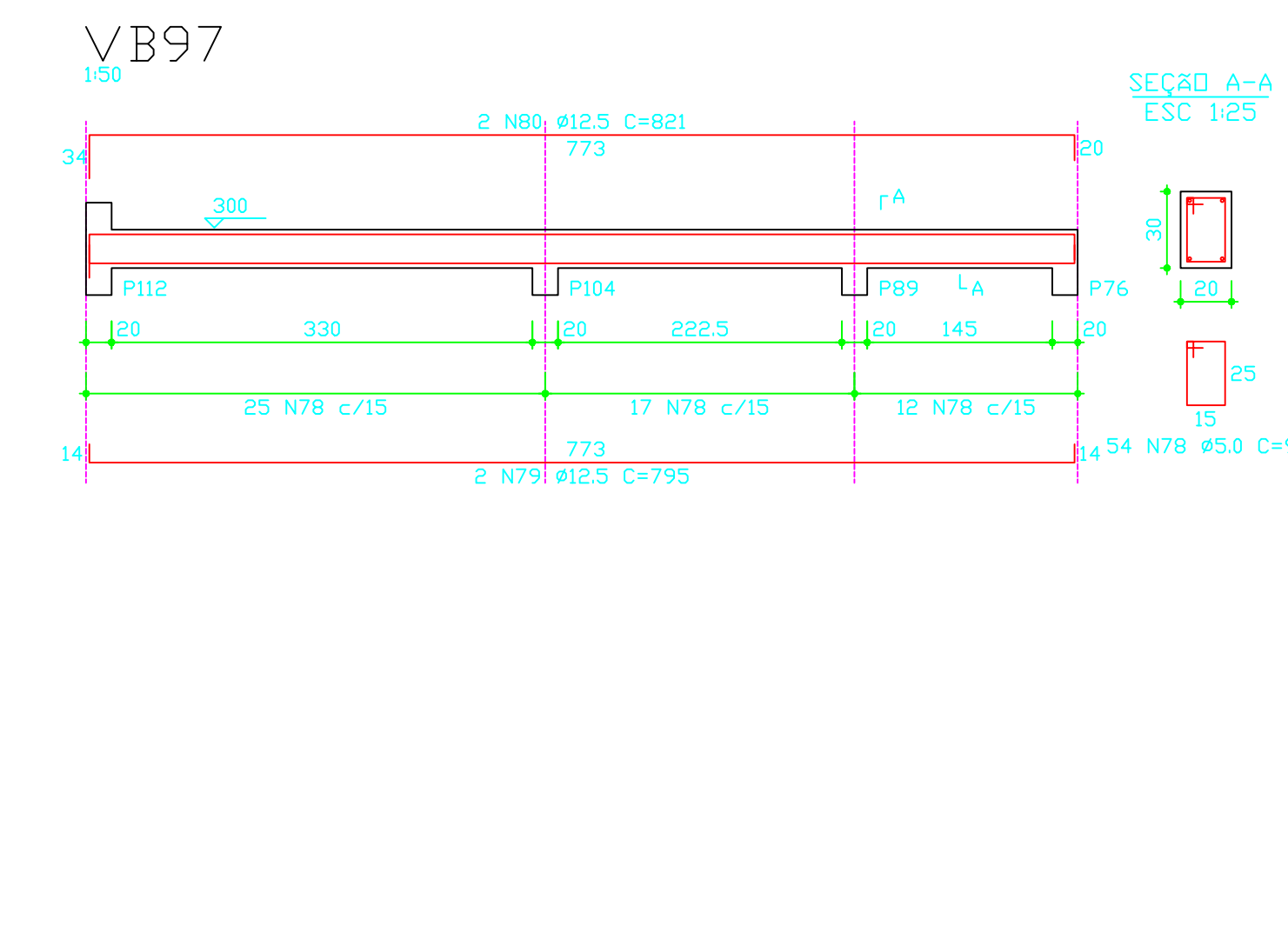
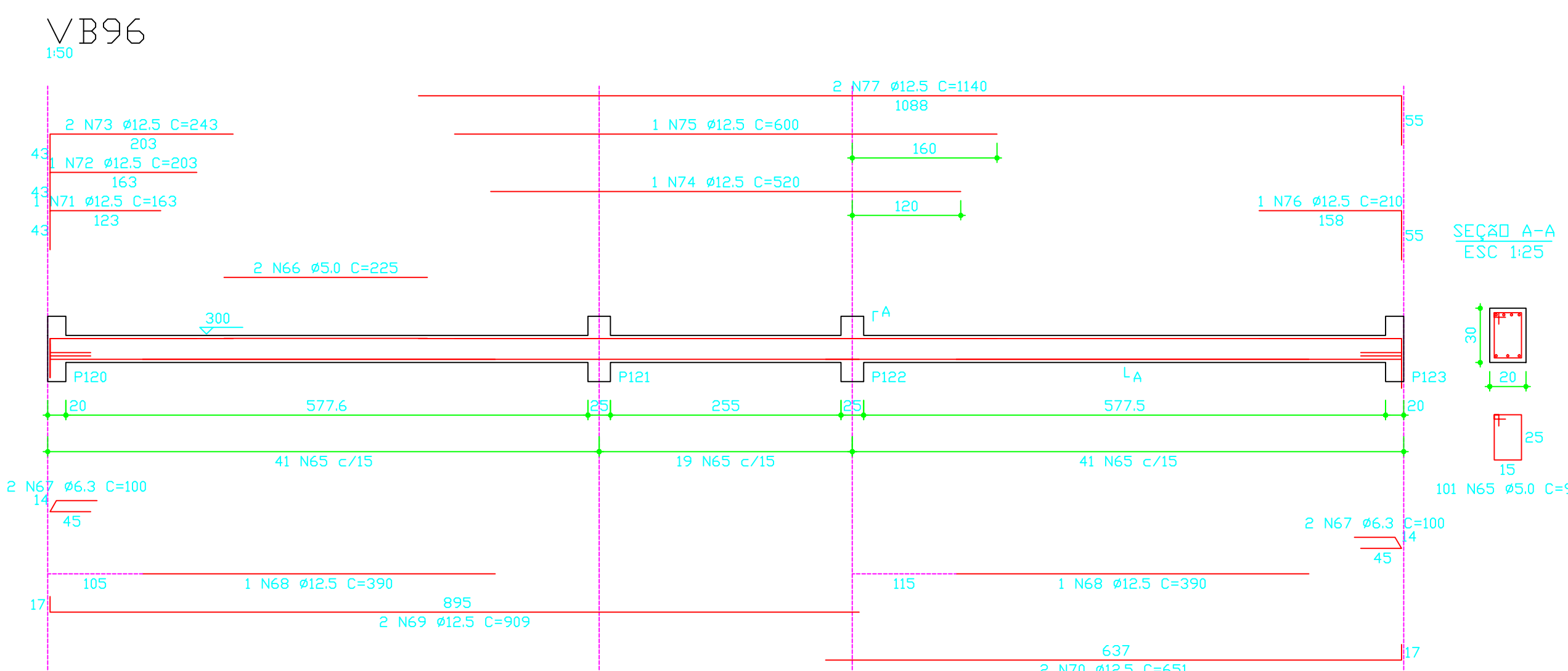
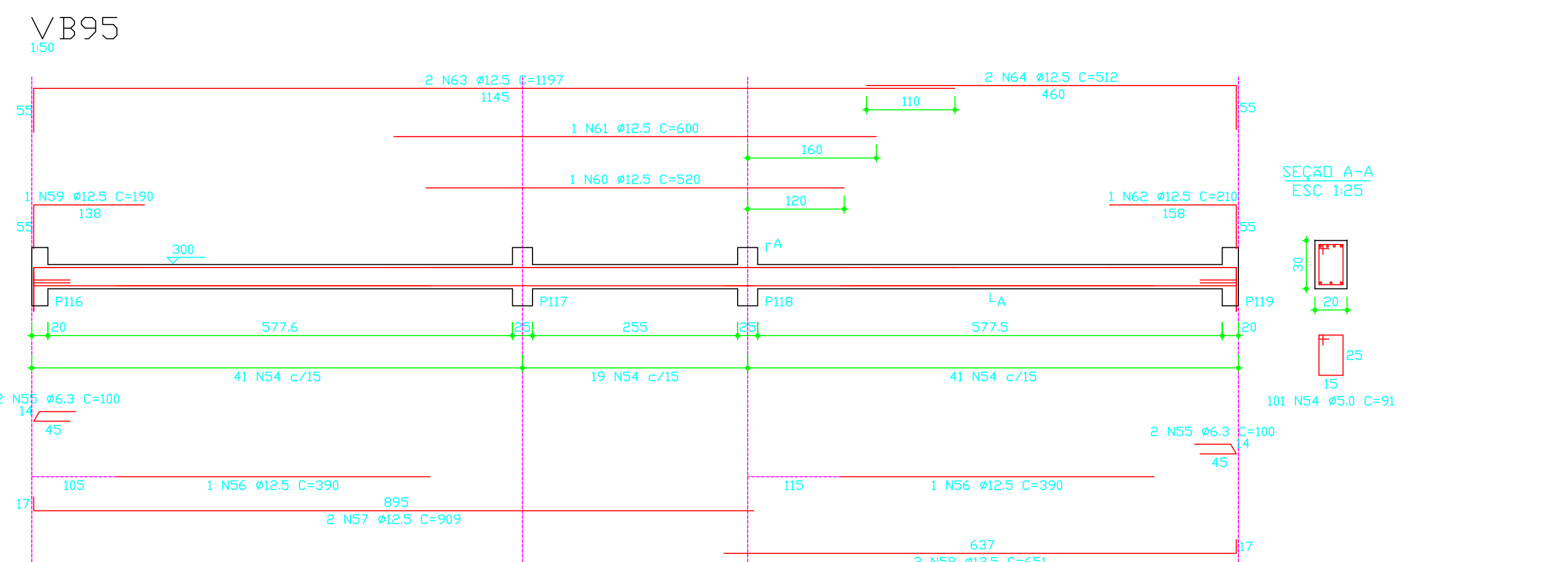
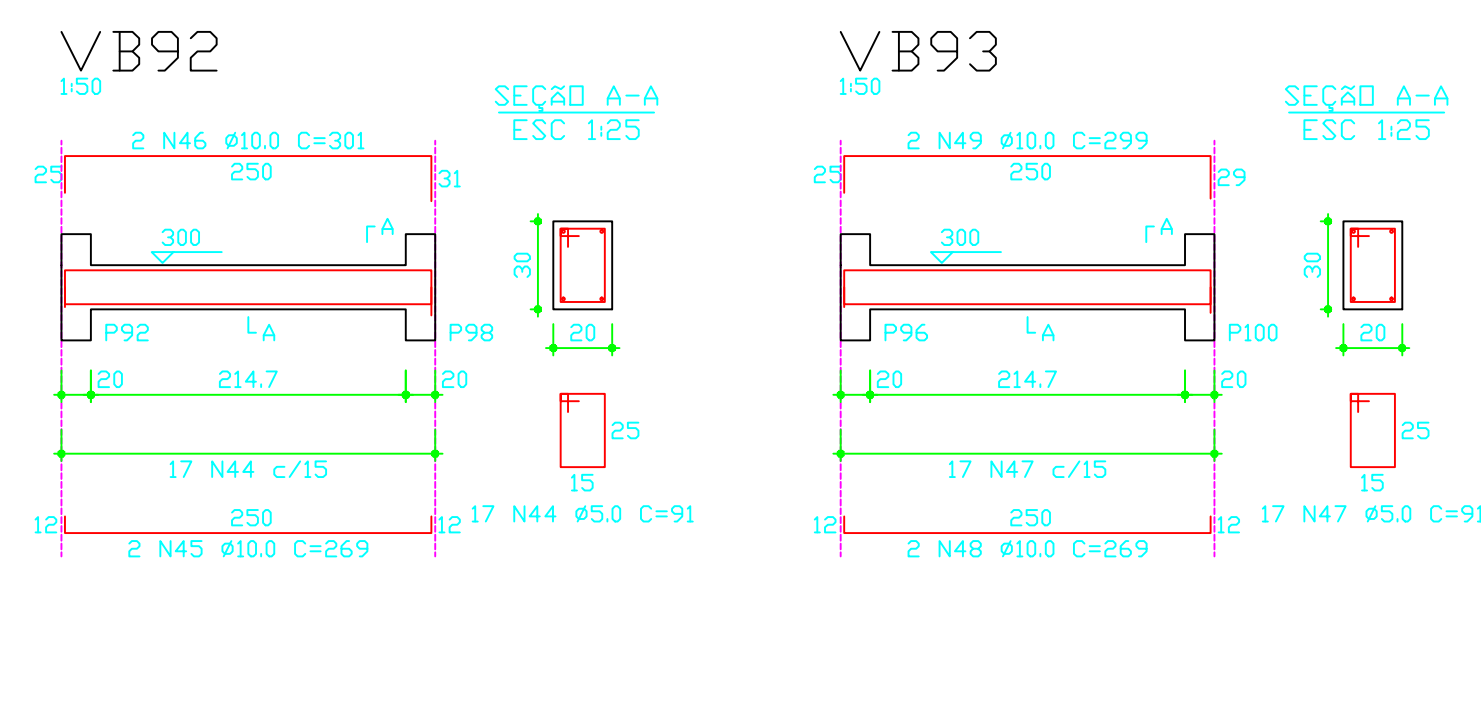
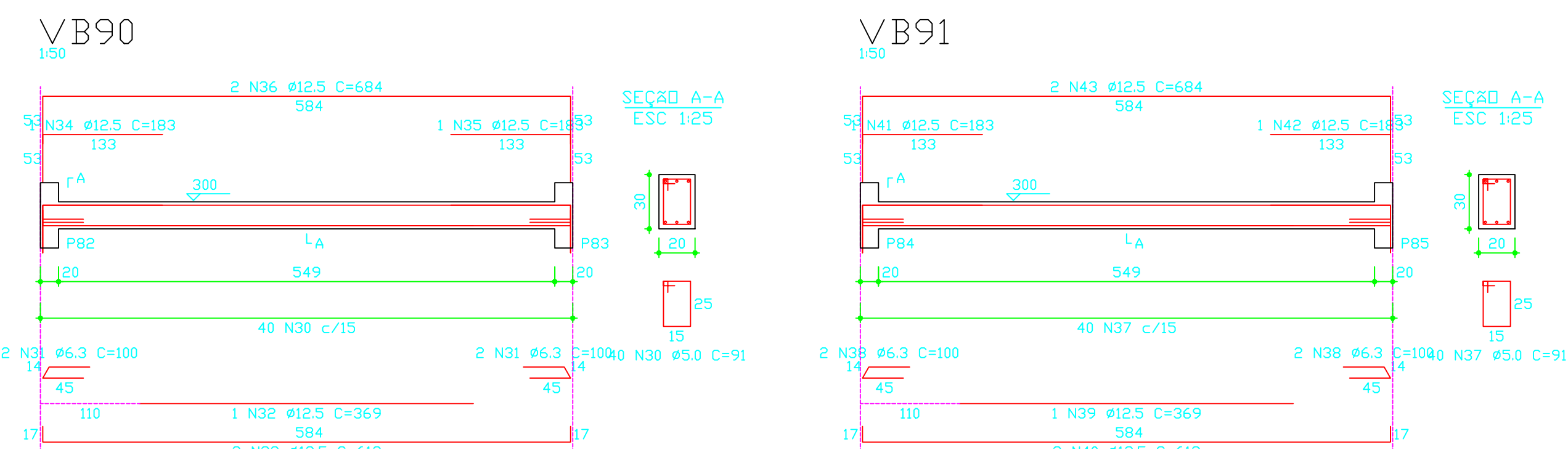
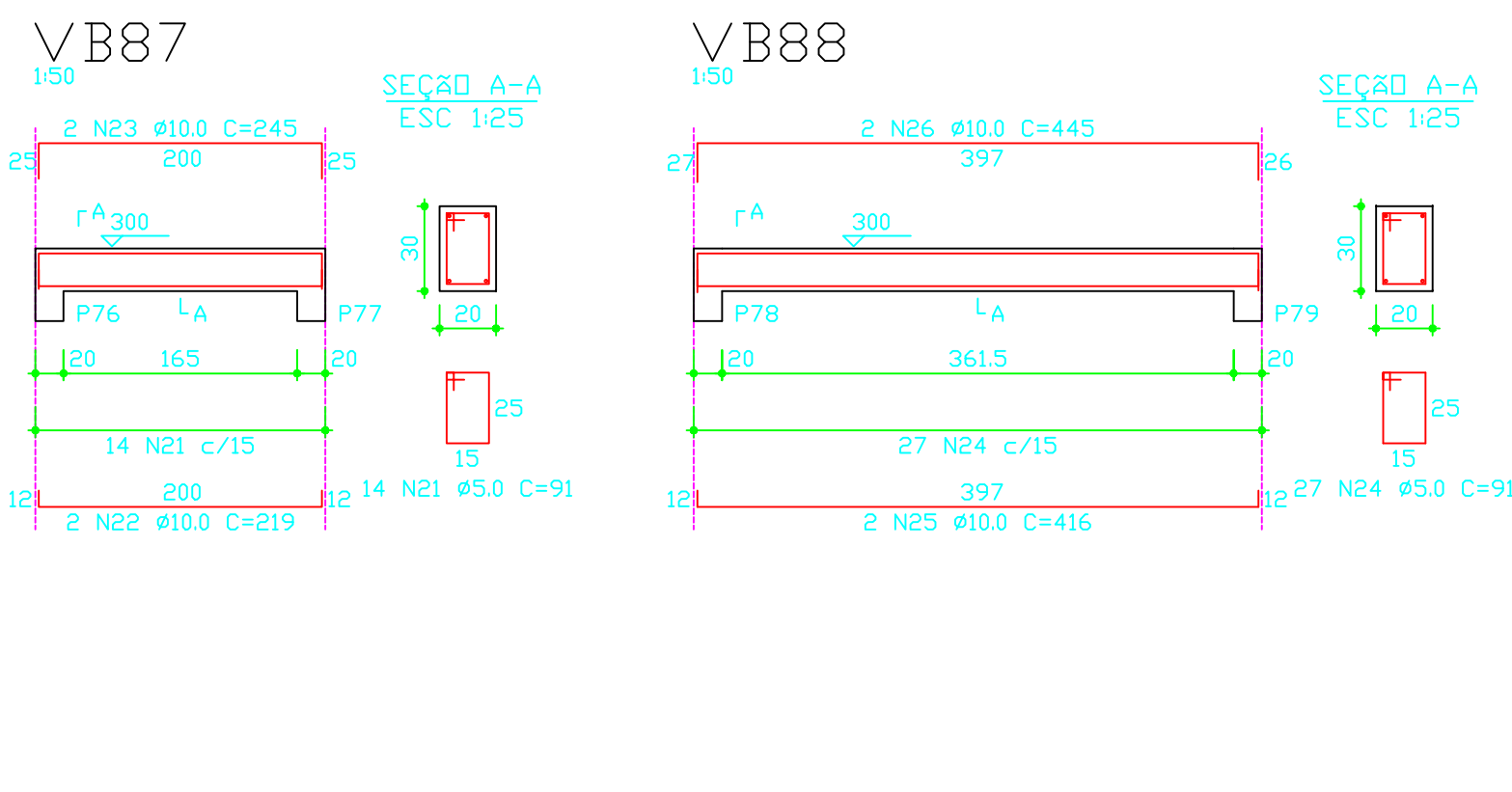
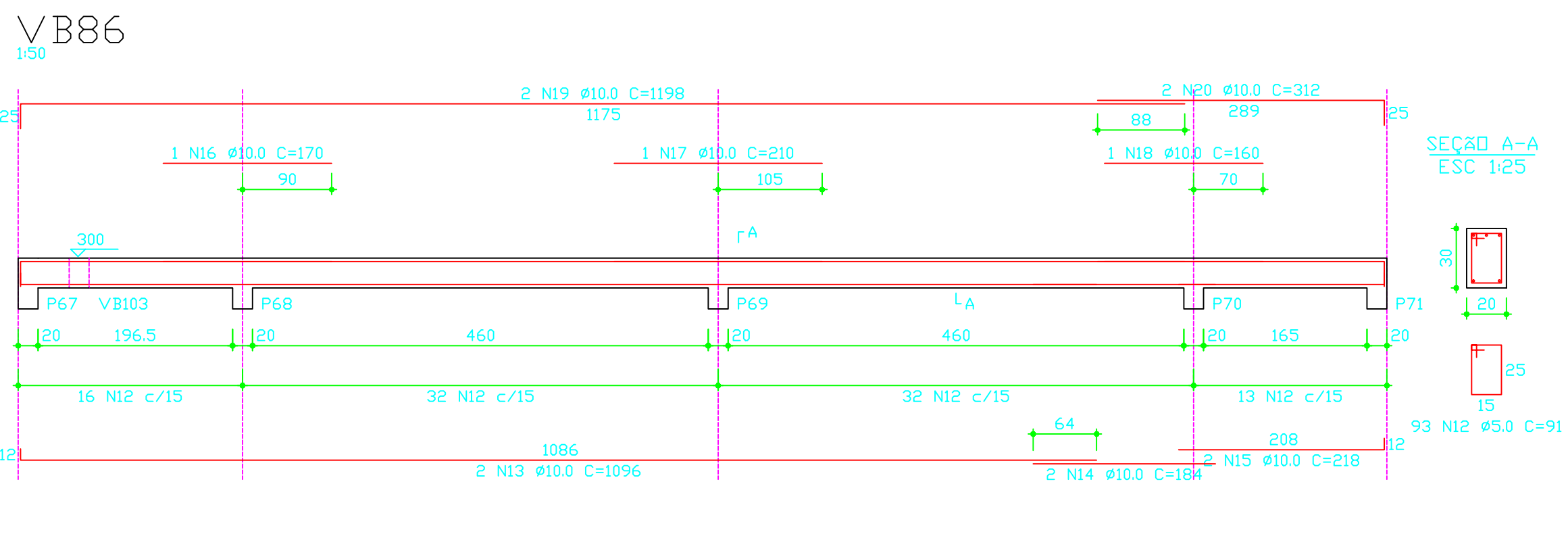
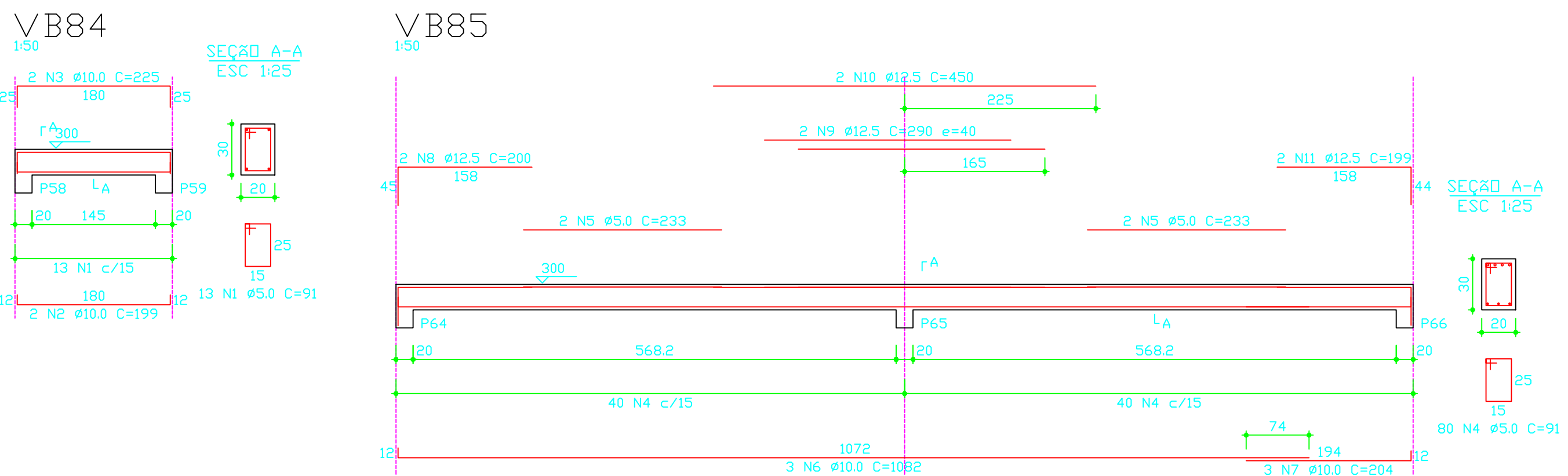




RELAÇÃO DO AÇO					
ELEMENTO	ACQ	N	DIAM	Q	C TOTAL (cm)
VB84	60	2	20	13	1193
VB85	60	2	100	13	199
	60	4	20	91	7280
	60	6	100	13	752
	60	8	125	300	3546
	60	10	125	450	900
VB86	60	15	50	91	8463
	60	14	100	184	268
	60	17	100	170	170
	60	18	100	168	60
	60	19	100	1196	236
VB87	60	20	100	362	624
	60	21	100	219	1274
	60	22	100	362	624
	60	23	100	219	438
	60	24	50	91	2457
VB88	60	25	100	416	832
	60	26	100	445	2457
	60	27	100	416	832
	60	28	100	416	832
	60	29	100	416	832
VB89	60	30	100	416	832
	60	31	100	416	832
	60	32	100	416	832
	60	33	100	416	832
	60	34	100	416	832
VB90	60	35	100	416	832
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	60	37	100	416	832
	60	38	100	416	832
	60	39	100	416	832
VB91	60	40	100	416	832
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	60	42	100	416	832
	60	43	100	416	832
	60	44	100	416	832
VB92	60	45	100	416	832
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VB93	60	50	100	416	832
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VB94	60	55	100	416	832
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VB95	60	60	100	416	832
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VB96	60	65	100	416	832
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VB97	60	70	100	416	832
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VB99	60	80	100	416	832
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VB100	60	85	100	416	832
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VB101	60	90	100	416	832
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VB105	60	110	100	416	832
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VB111	60	140	100	416	832
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VB112	60	145	100	416	832
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VB113	60	150	100	416	832
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VB114	60	155	100	416	832
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VB115	60	160	100	416	832
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VB116	60	165	100	416	832
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	60	168	100	416	832
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VR10	60	170	100	416	832
	60	171	100	416	832
	60	172	100	416	832
	60	173	100	416	832
	60	174	100	416	832

RESUMO DO AÇO			
ACQ	DIAM	C TOTAL	PESO+10% (kg)
CA50	6,3	19,3	5,1
CA60	12,5	392,9	416,4
CA60	12,5	1061,5	163,4
PESO TOTAL			
CA50	707,5		
CA60	1834		

Vol. concreto total = 1825 m³
Área de Forma total = 136,71 m²

PRÉDIO DE AUDITÓRIOS - TO

CAMPUS DE TEE FILO OTONI - MG

PROJETO ESTRUTURAL

UFVJM UNIVERSIDADE FEDERAL DE JUZDEIRAS	Proprietário: UNIVERSIDADE DOS VALES DO JEQUITINHONHA E MUCURI	
	R.T.: Rogério Carlos Mariano (CRA 31.457/2-MG)	
Conteúdo:	Local:	Próximo:
Detalhes dos Vigas NÍVEL 300	CAMPUS DE TEE FILO OTONI - MG	13/18
Escala:	Data:	Desenho:
Indicada	Outubro/2008	TeeFilo Dtoni
Estado:		MG
AÇO: CA-50 e CA-60		CONCRETO: Fck = 20,0 Mpa