

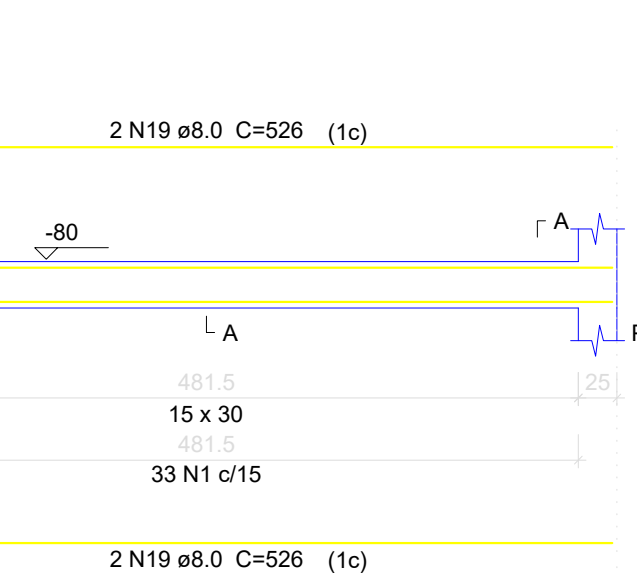
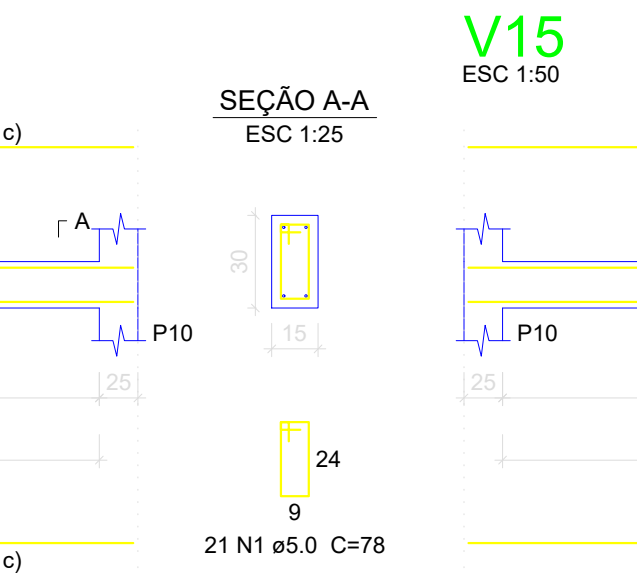
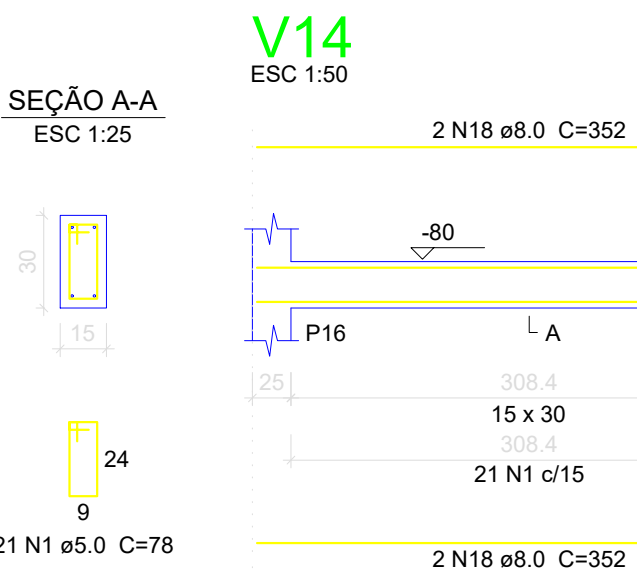
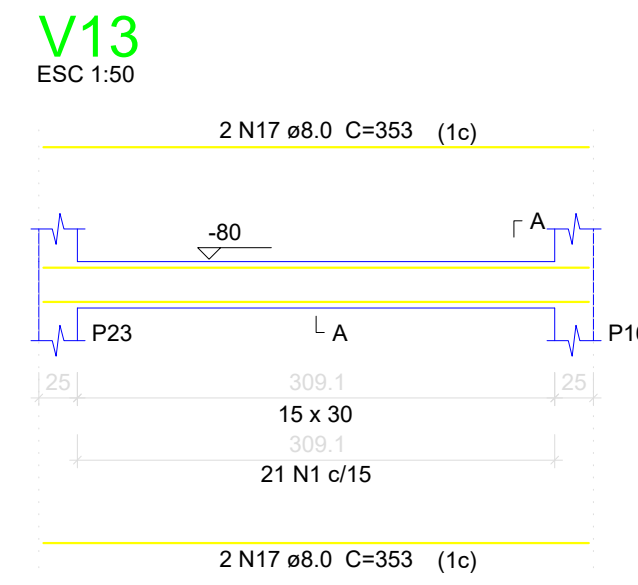
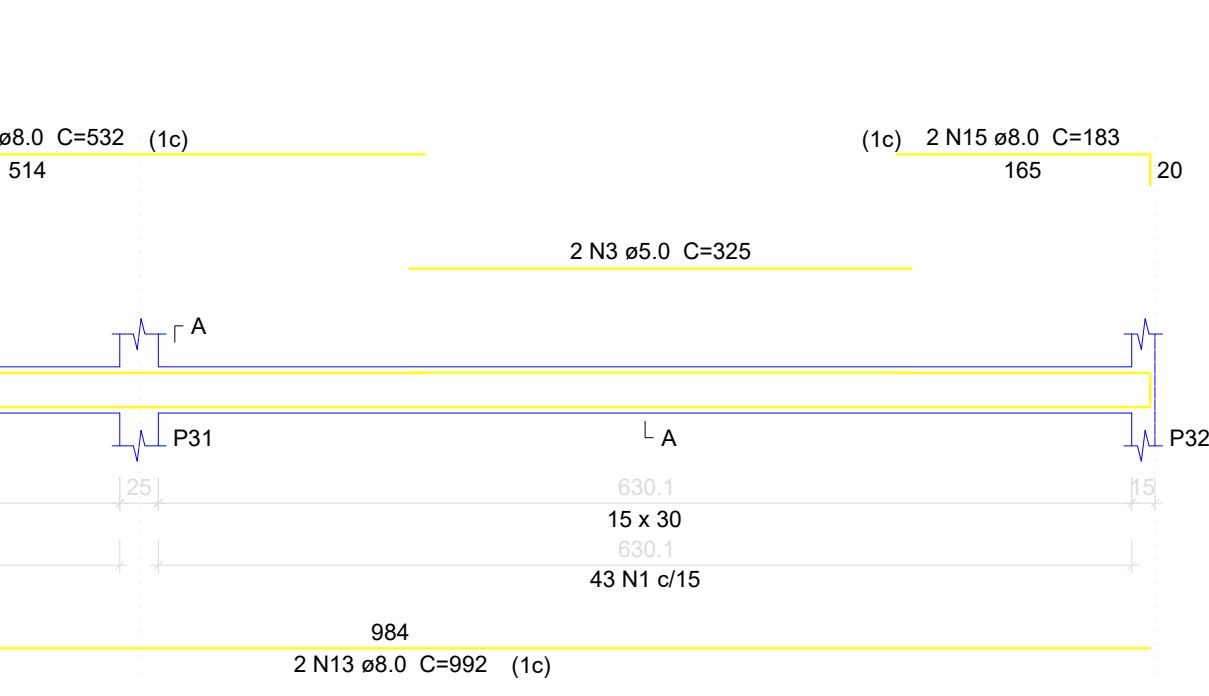
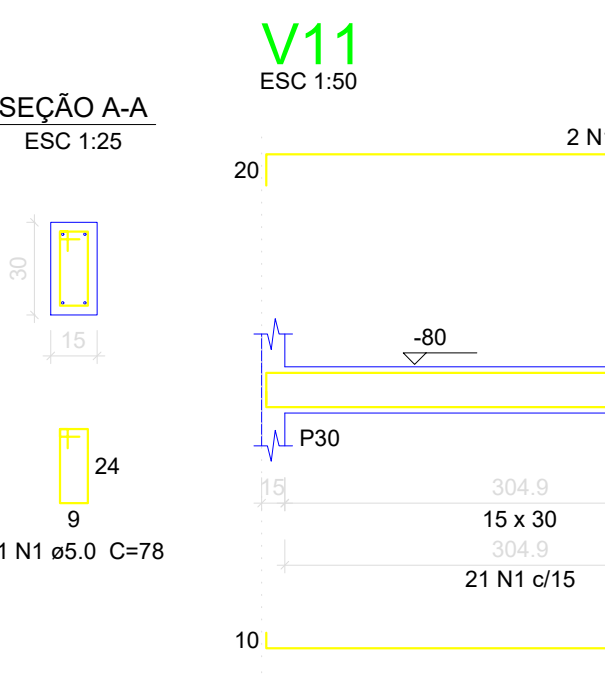
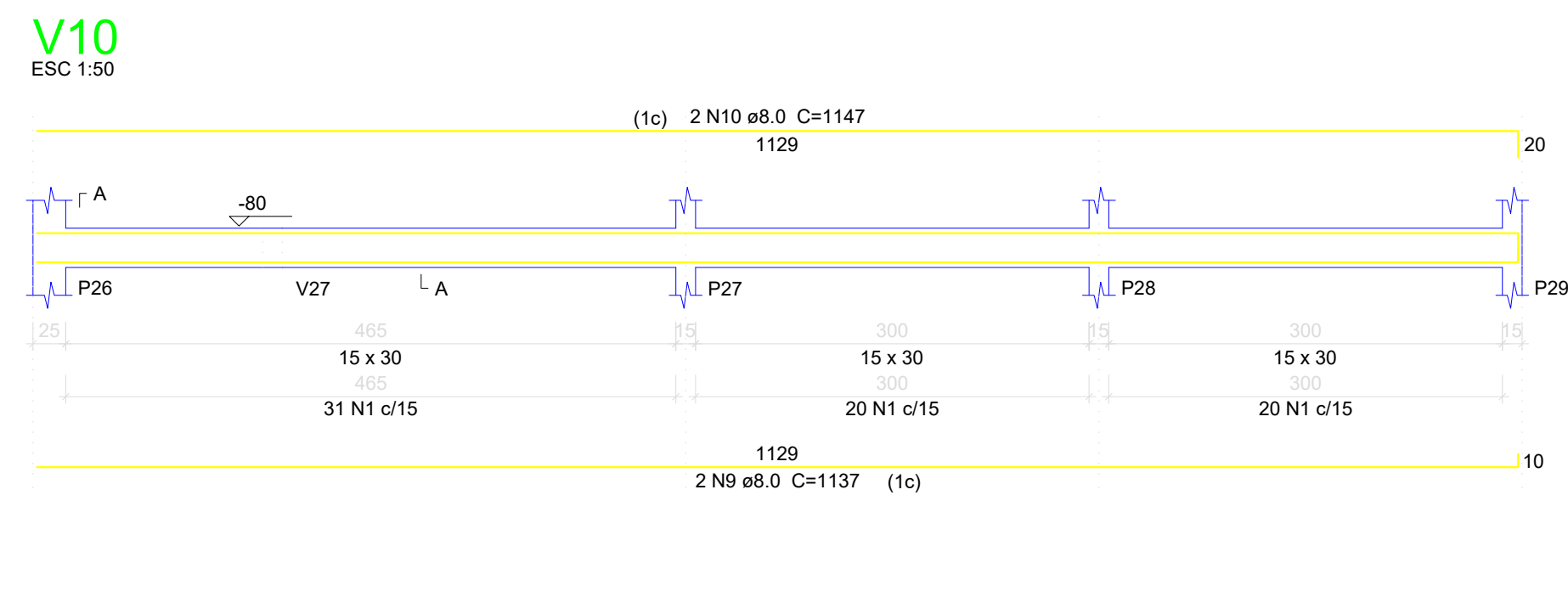
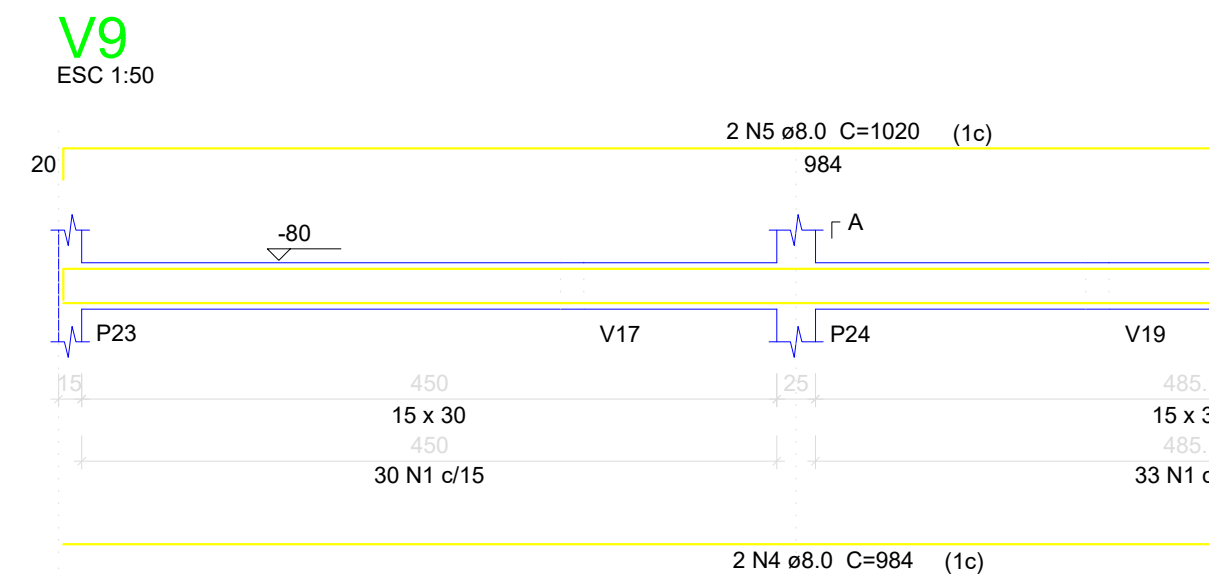
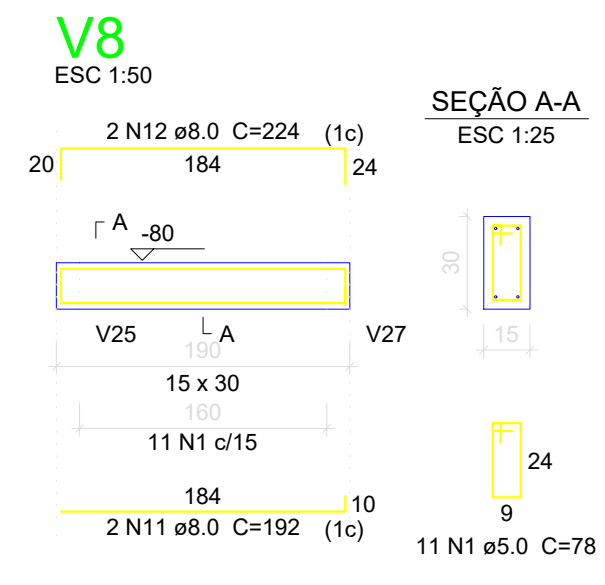
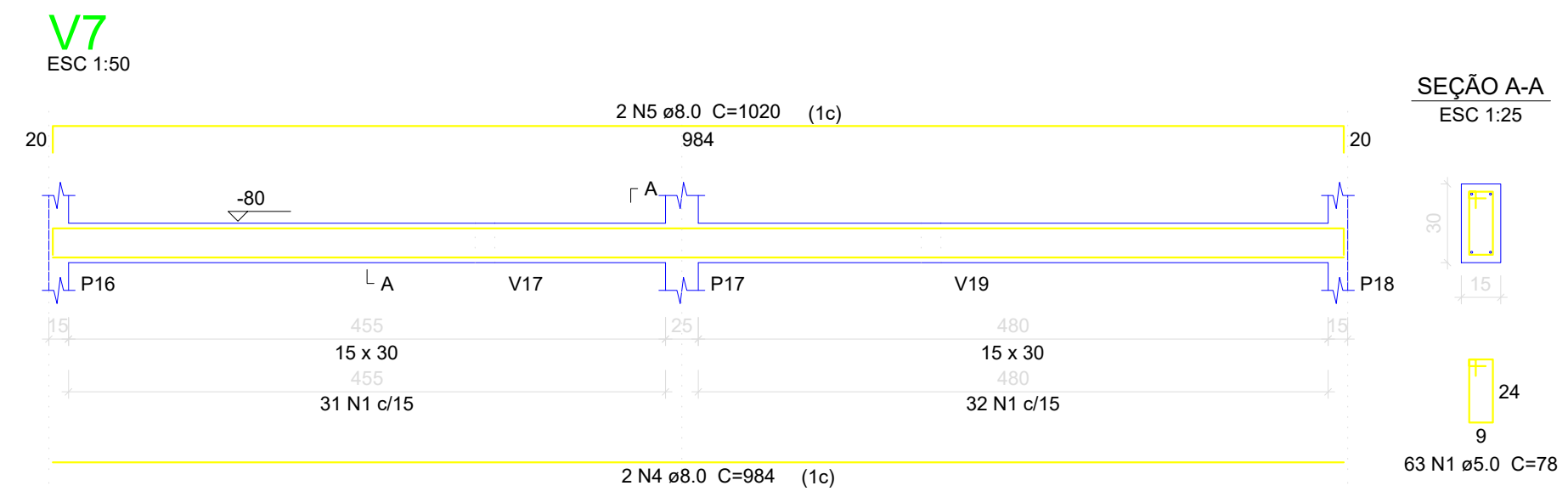
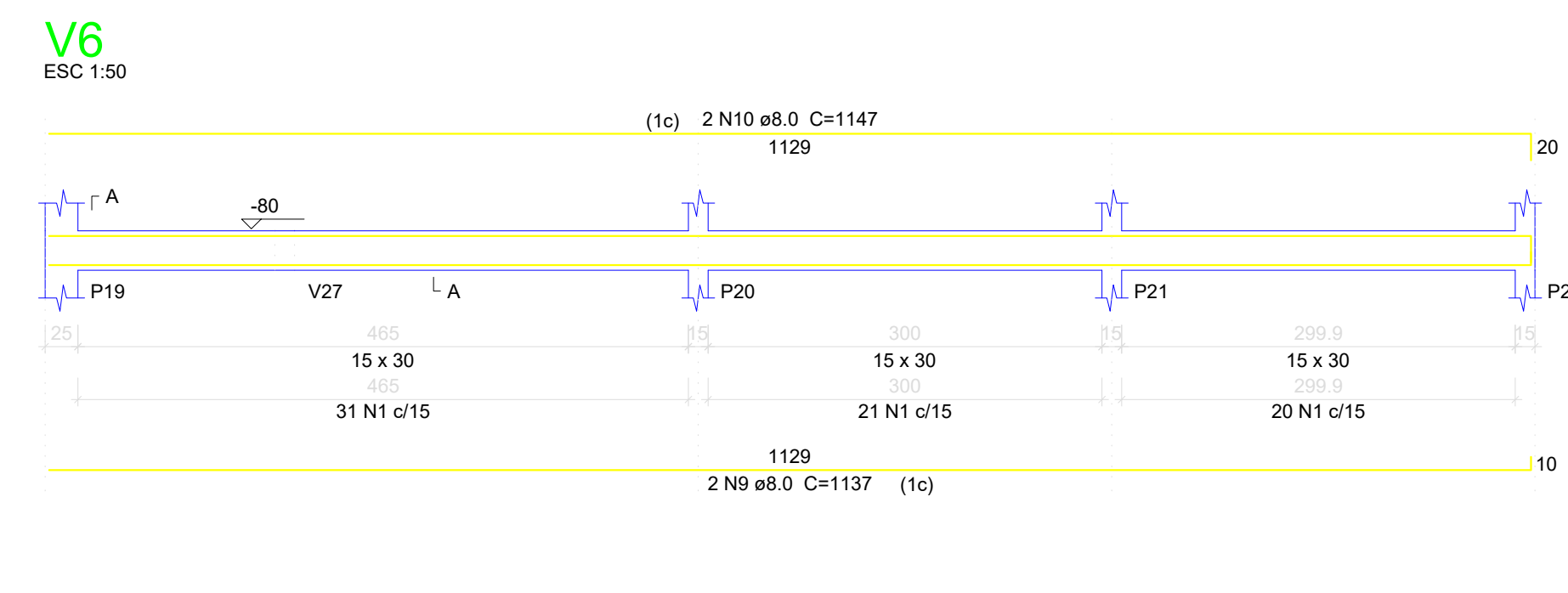
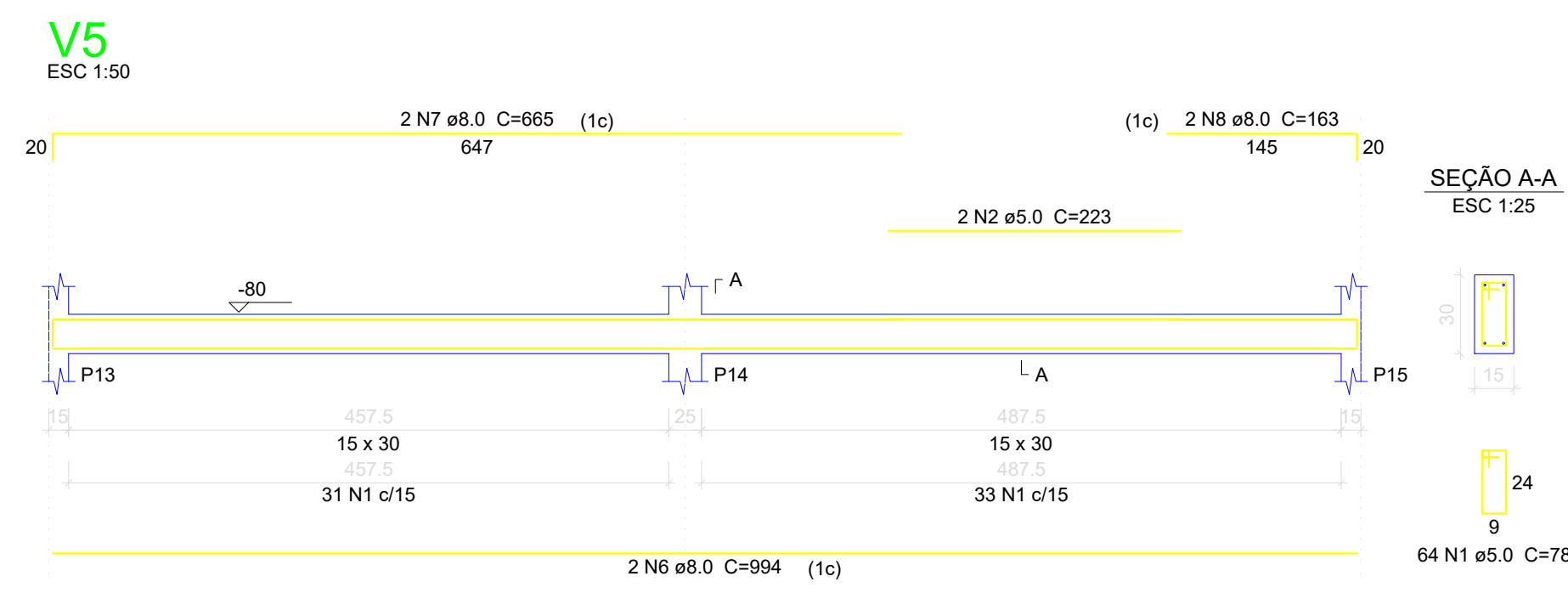
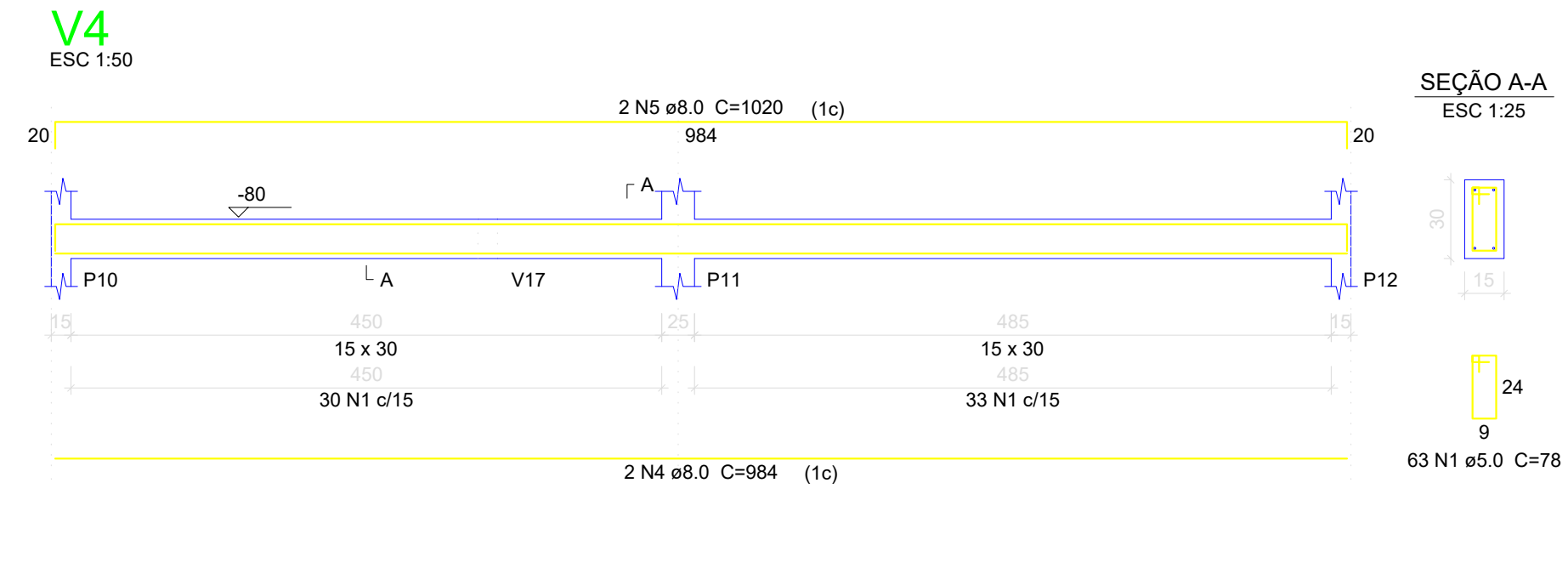
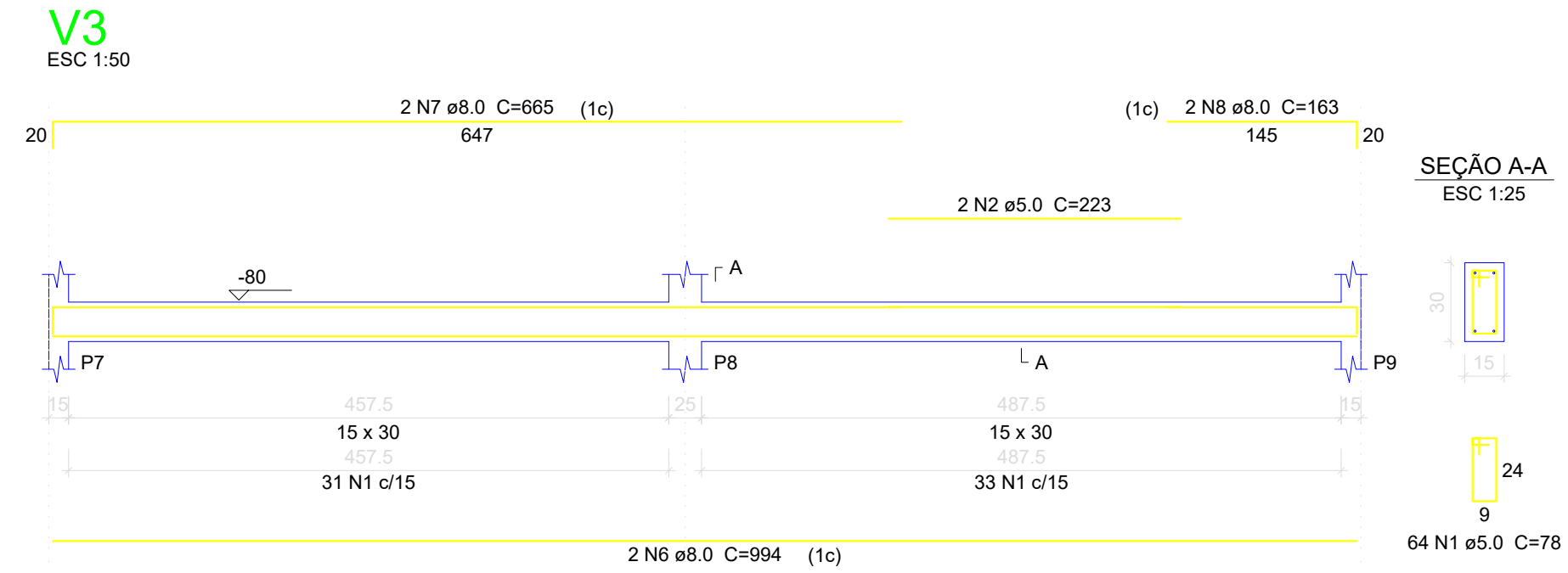
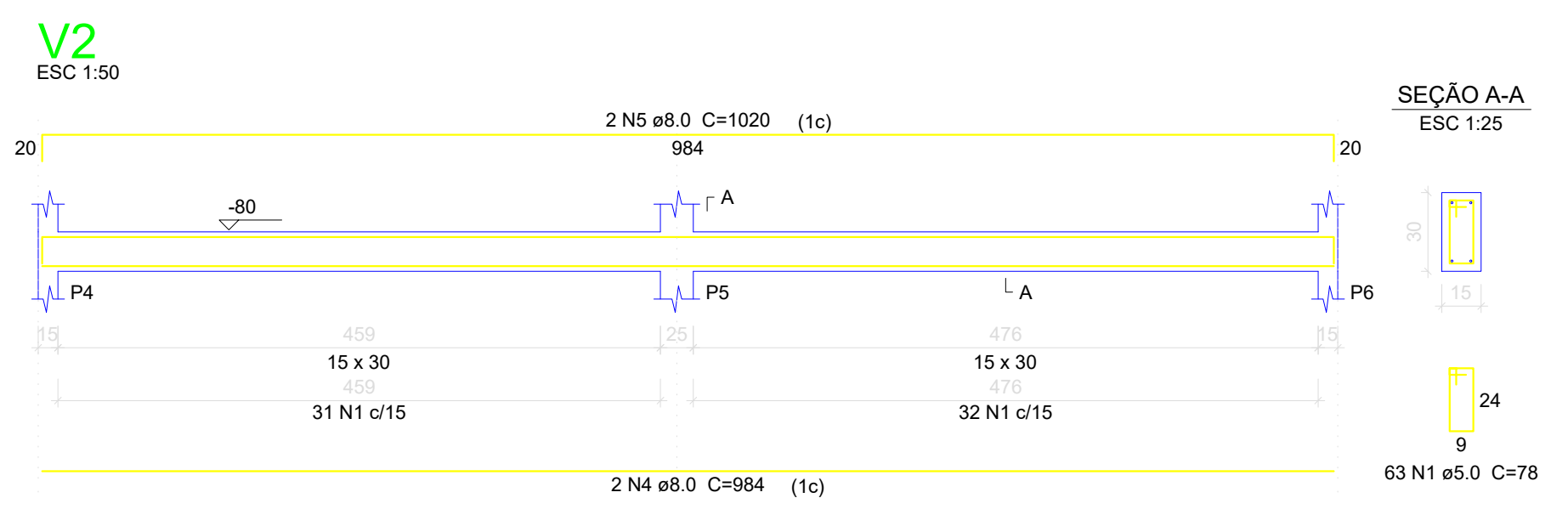
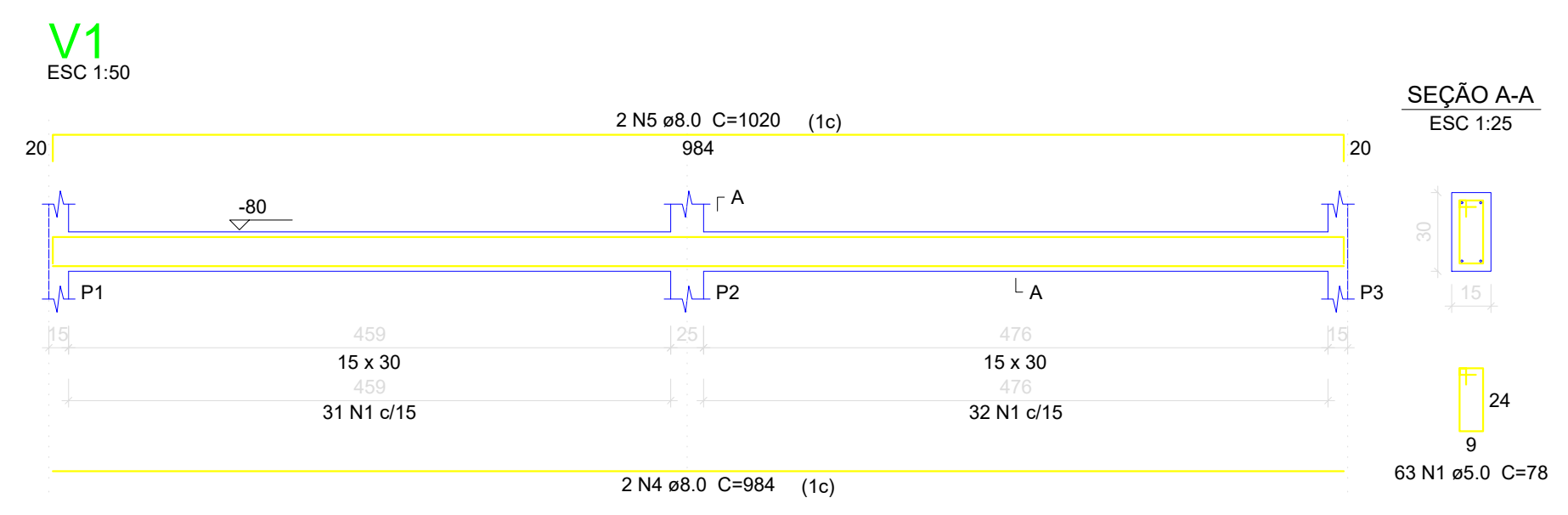
Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
V1					
V2					
V3					
V4					
V5					
V6					
V7					
V8					
V9					
V10					
V11					
V12					
V13					
V14					
V15					
V16					
CA60	1	5.0	776	78	60528
	2	5.0	4	223	892
	3	5.0	2	325	650
CA50	4	8.0	10	984	9840
	5	8.0	10	1020	10200
	6	8.0	4	994	3976
	7	8.0	4	665	2660
	8	8.0	4	163	652
	9	8.0	4	1137	4548
	10	8.0	4	1147	4588
	11	8.0	2	192	384
	12	8.0	2	224	448
	13	8.0	2	992	1984
	14	8.0	2	532	1064
	15	8.0	2	183	366
	16	8.0	4	294	1176
	17	8.0	4	353	1412
	18	8.0	4	352	1408
	19	8.0	4	526	2104
	20	8.0	4	378	1512

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	483.3	209.7
CA60	5.0	620.7	105.2
PESO TOTAL			
CA50		209.7	
CA60		105.2	

Vol. de concreto total (C-25) = 5.55 m³
 Área de forma total = 92.5 m²



	CLIENTE	UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL	
	TÍTULO	Laboratório de Solos - Mundo Novo	
LOCAL	BR 163	PROPRIETÁRIO	ESTRUTURAL
AUTOR DO PROJETO	MUNDO NOVO - MS	WAGNER LUIZ MANARA - CREA 27.190/D	
RESPONSÁVEL TÉCNICO			UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL CNPJ: 86.891.363/0001-80
REFERÊNCIA	LOCAÇÃO DAS ESTACAS	FOUNDAÇÃO	ARQ-AP
ESCALA	INDICADAS	UNIDADE	METRO
ARQUIVO	ESTRUTURAL - Completo	DATA	04/18
DESENHO	TIABG	REVISÃO	ROD
VISTO			