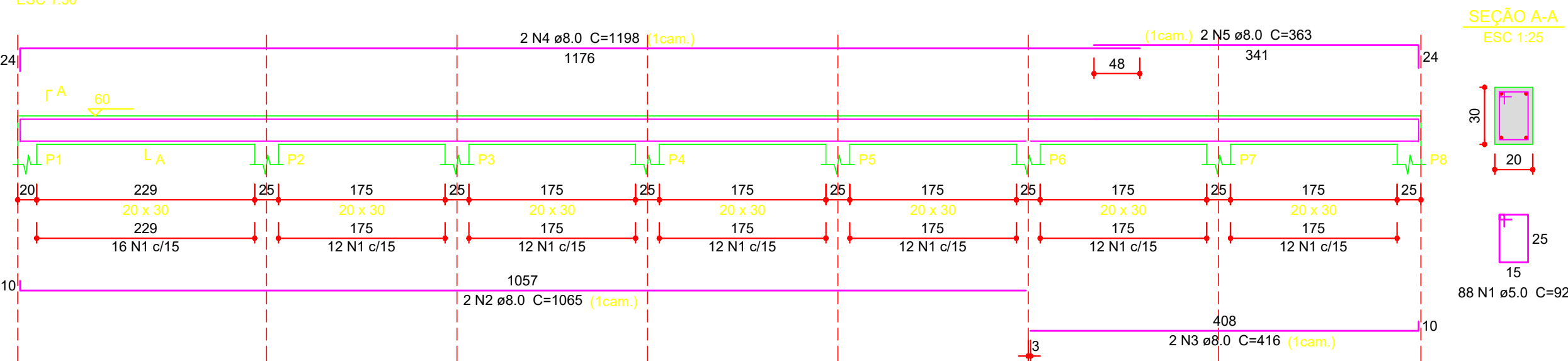
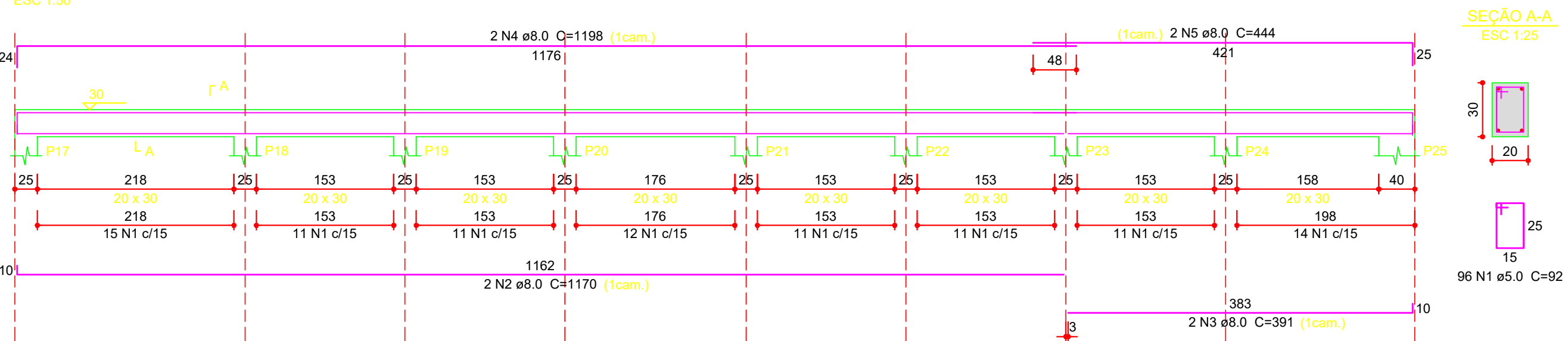


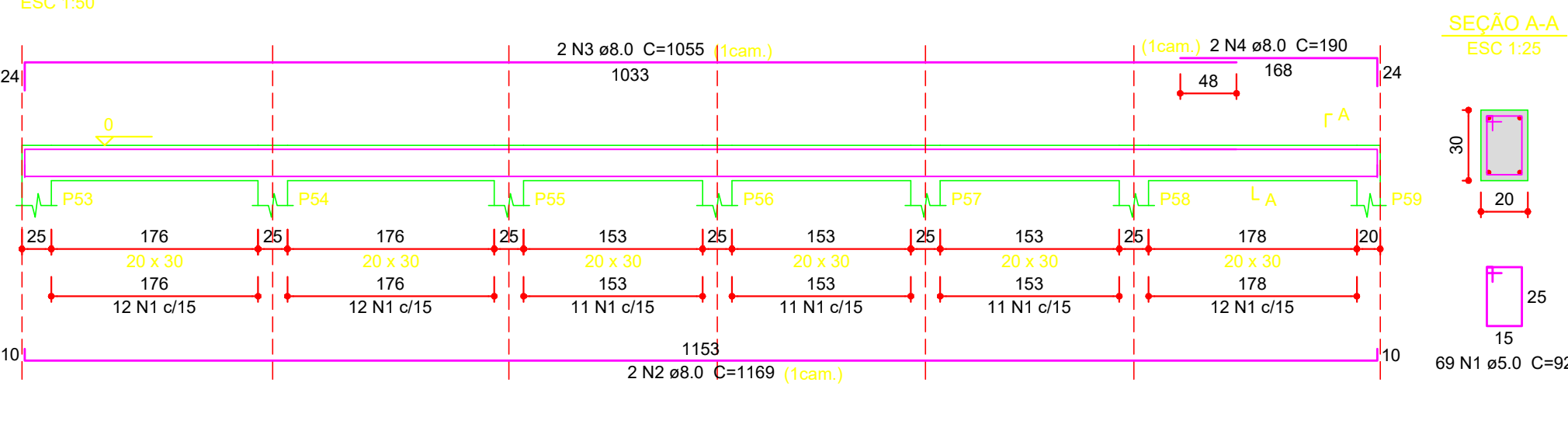
V301 (20 x 30)



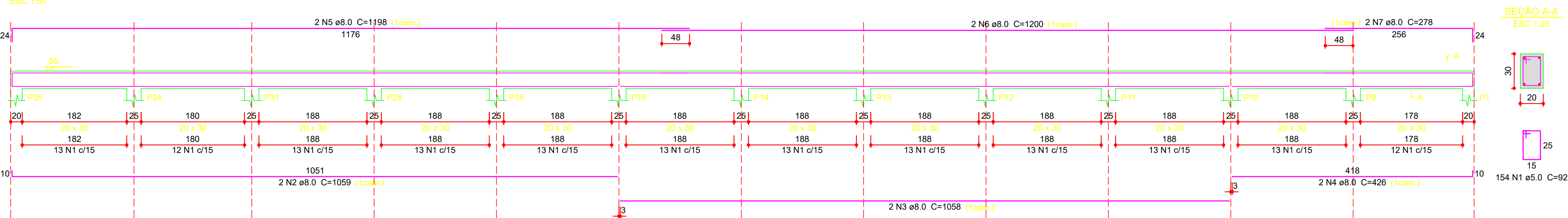
V302 (20 x 30)



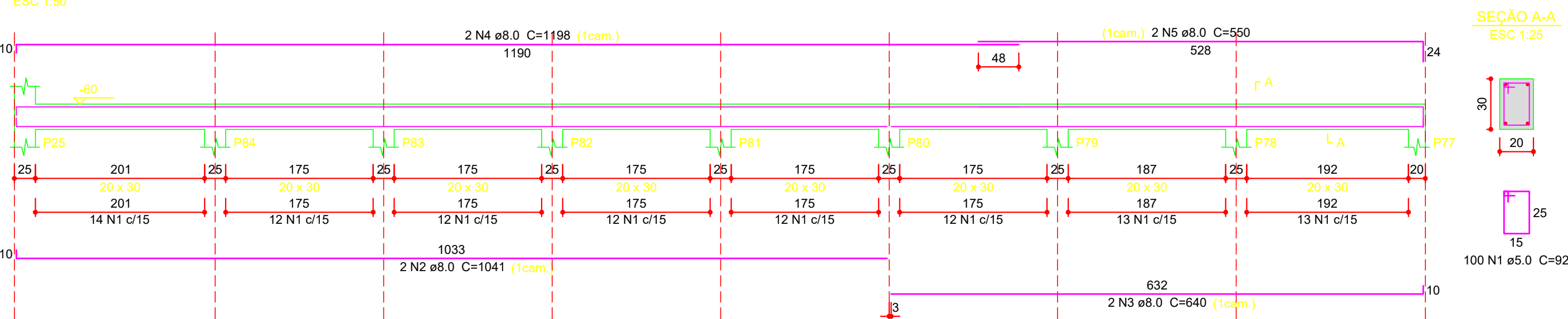
V304 (20 x 30)



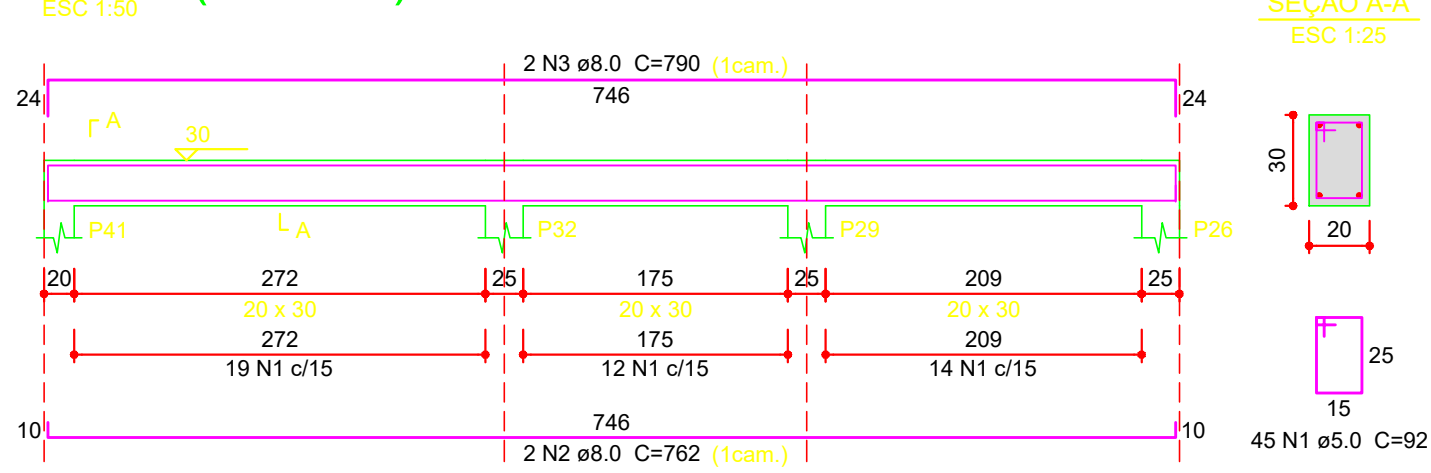
V305 (20 x 30)



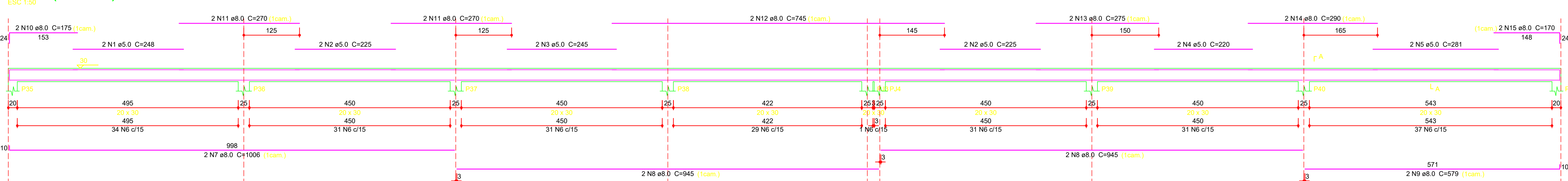
V309 (20 x 30)



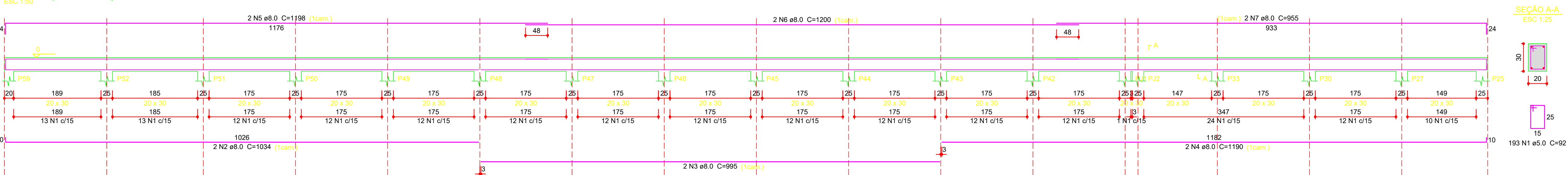
V306 (20 x 30)



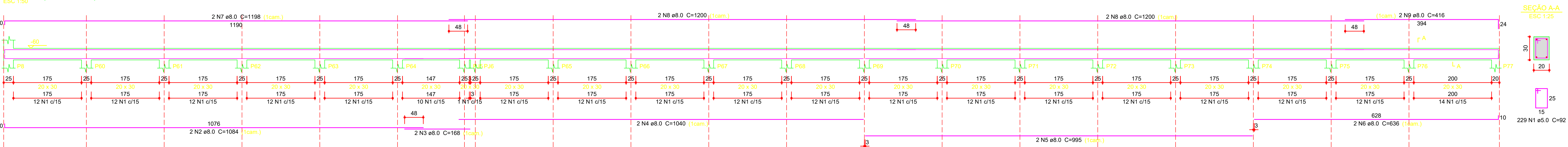
V303 (20 x 30)



V307 (20 x 30)



V308 (20 x 30)



Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V301	CA60	1	8.0	88	92	8096
	CA50	2	8.0	2	1065	2130
	CA50	3	8.0	2	416	832
	CA50	4	8.0	2	1198	2396
V302	CA50	5	8.0	2	363	726
	CA60	1	5.0	86	92	8832
	CA50	2	8.0	2	1170	2340
	CA50	3	8.0	2	391	782
V303	CA50	4	8.0	2	1198	2396
	CA50	5	8.0	2	444	888
	CA60	1	5.0	2	248	496
	CA60	2	5.0	4	225	900
V304	CA60	3	5.0	2	245	490
	CA60	4	5.0	2	220	440
	CA60	5	5.0	2	281	562
	CA60	6	5.0	225	92	20700
V305	CA50	7	8.0	2	1006	2012
	CA50	8	8.0	4	945	3780
	CA50	9	8.0	2	579	1158
	CA50	10	8.0	2	175	350
V306	CA50	11	8.0	4	270	1080
	CA50	12	8.0	2	745	1490
	CA50	13	8.0	2	275	550
	CA50	14	8.0	2	290	580
V307	CA50	15	8.0	2	170	340
	CA50	2	8.0	2	1169	2338
	CA60	1	5.0	69	92	6348
	CA50	3	8.0	2	1055	2110
V308	CA50	4	8.0	2	190	380
	CA60	1	5.0	154	92	14168
	CA50	2	8.0	2	1059	2118
	CA50	3	8.0	2	1058	2116
V309	CA50	4	8.0	2	426	852
	CA50	5	8.0	2	1198	2396
	CA50	6	8.0	2	1200	2400
	CA50	7	8.0	2	278	556
V310	CA60	1	5.0	45	92	4140
	CA50	2	8.0	2	762	1524
	CA50	3	8.0	2	790	1580
	CA60	1	5.0	193	92	17758
V311	CA50	2	8.0	2	1034	2068
	CA50	3	8.0	2	995	1990
	CA50	4	8.0	2	1150	2300
	CA50	5	8.0	2	1198	2396
V312	CA60	6	8.0	2	1200	2400
	CA60	7	8.0	2	249	498
	CA50	8	8.0	2	1198	2396
	CA50	9	8.0	2	1198	2396
V313	CA50	10	8.0	2	1200	2400
	CA50	11	8.0	2	1200	2400
	CA50	12	8.0	2	1200	2400
	CA50	13	8.0	2	1200	2400

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO = 10 % (kg)
CA50	8.0	760.8	338.9
CA60	5.0	1132	191.9
PESO TOTAL (kg)			
CA50	338.9		
CA60	191.9		

Volume de concreto (C-25) = 11.82 m³

Área de forma = 157.56 m²

00	26/11/2021	EMIÇÃO INICIAL	L. TRINDADE
REV. No	DATA	DESCRIÇÃO	APROVADO
RESPONSÁVEL TÉCNICO:			
VINÍCIO DORO			
ENG. CIVIL - CREA 996.978.882-9			
CLIENTE:			
UNIRV - UNIVERSIDADE DE RIO VERDE			
OBRA:			
MURO DE ARRIMO - DEPARTAMENTO DE LOGÍSTICA E PATRIMÔNIO UNIRV			
LOCAL:			
RIO VERDE - GO			
ÁREA TÉCNICA:			
PROJETO ESTRUTURAL			
TÍTULO:			
DETALHE ARMAÇÃO DAS VIGAS PAVIMENTO TÉRREO			