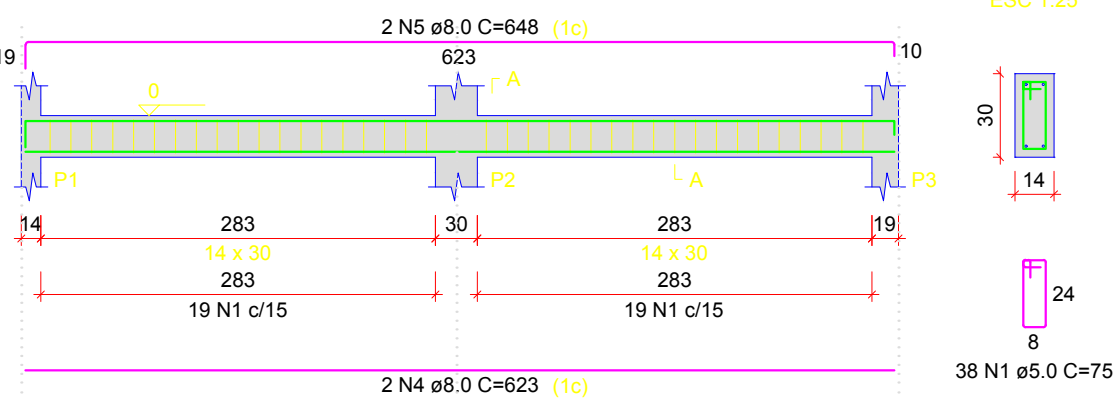
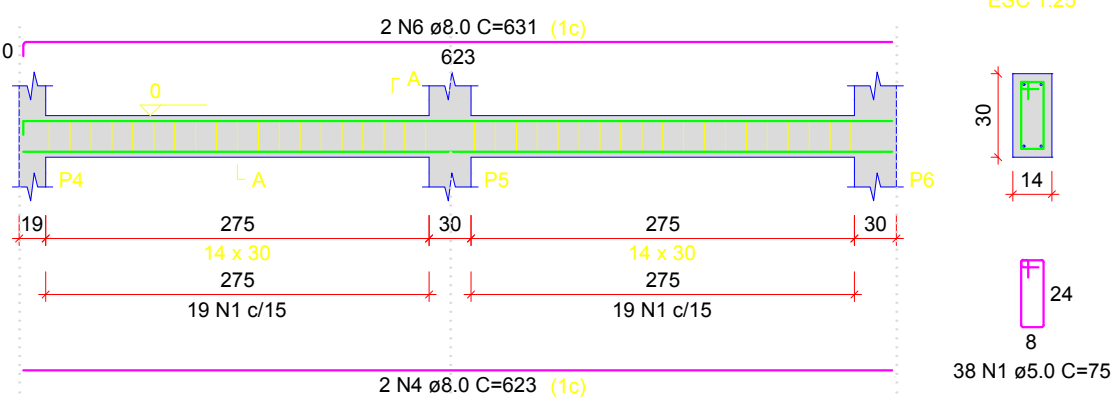
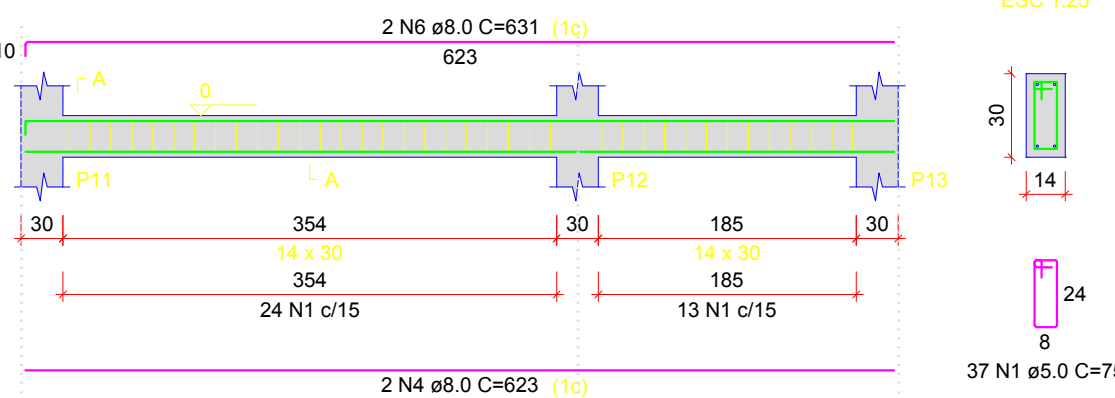
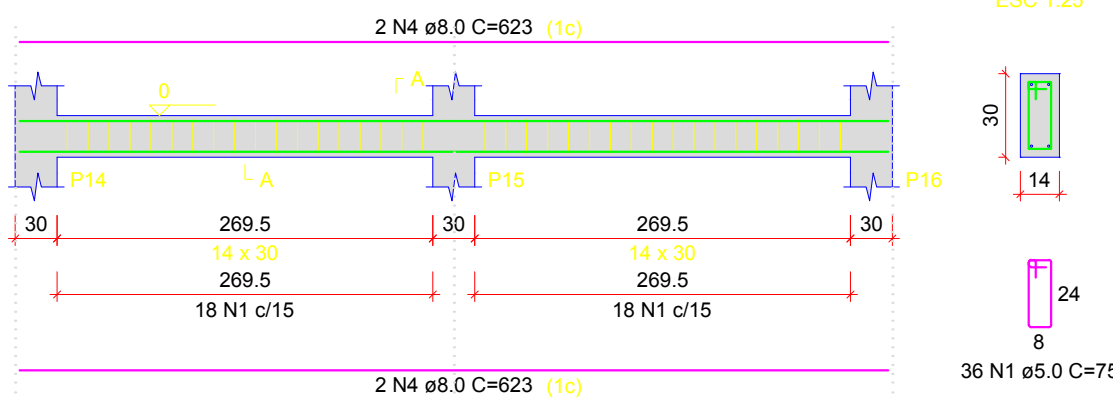
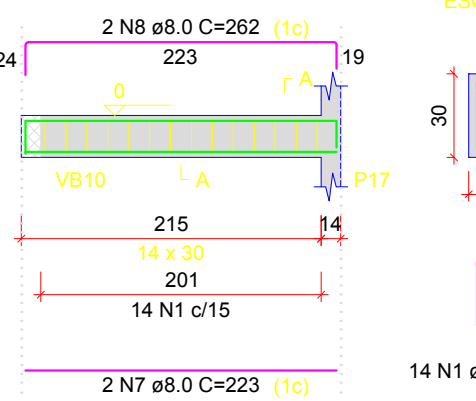
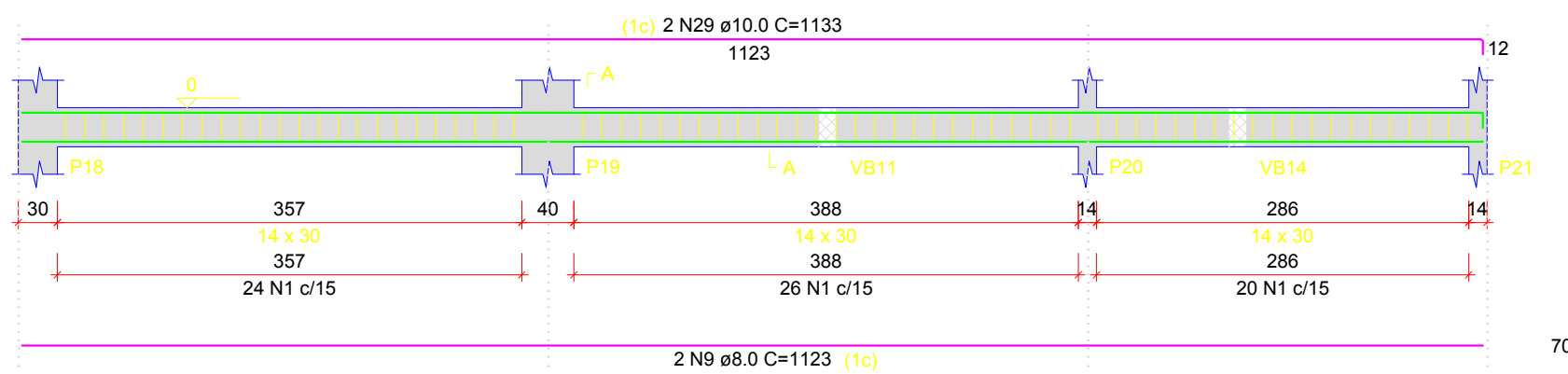
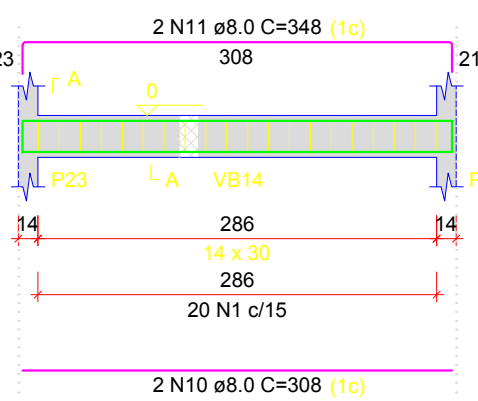
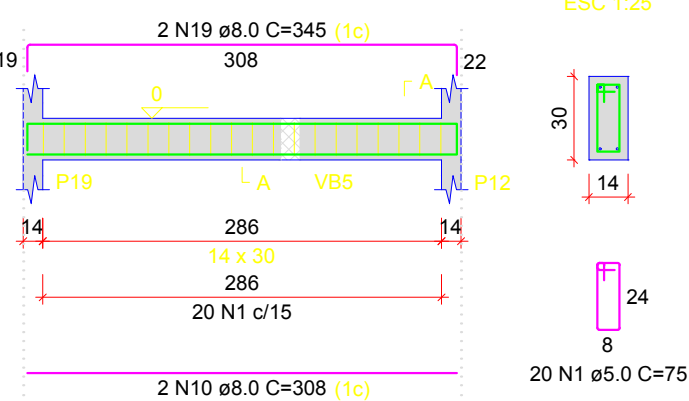
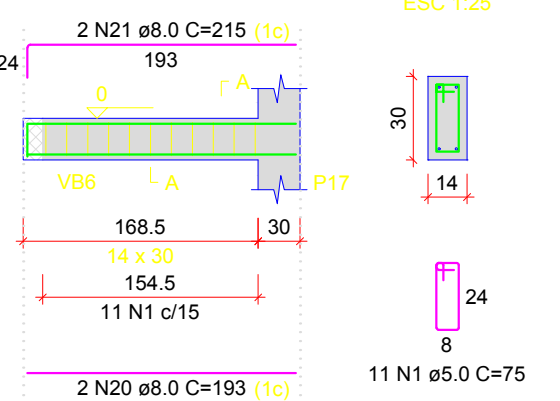
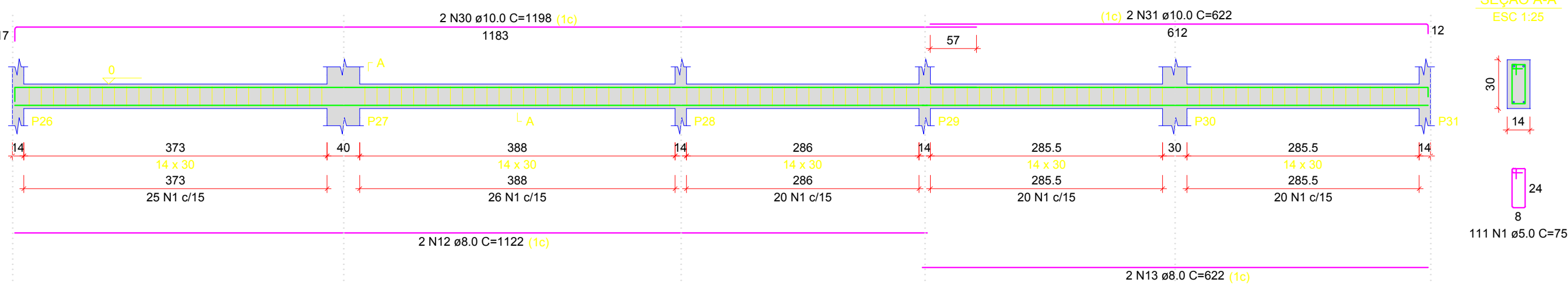
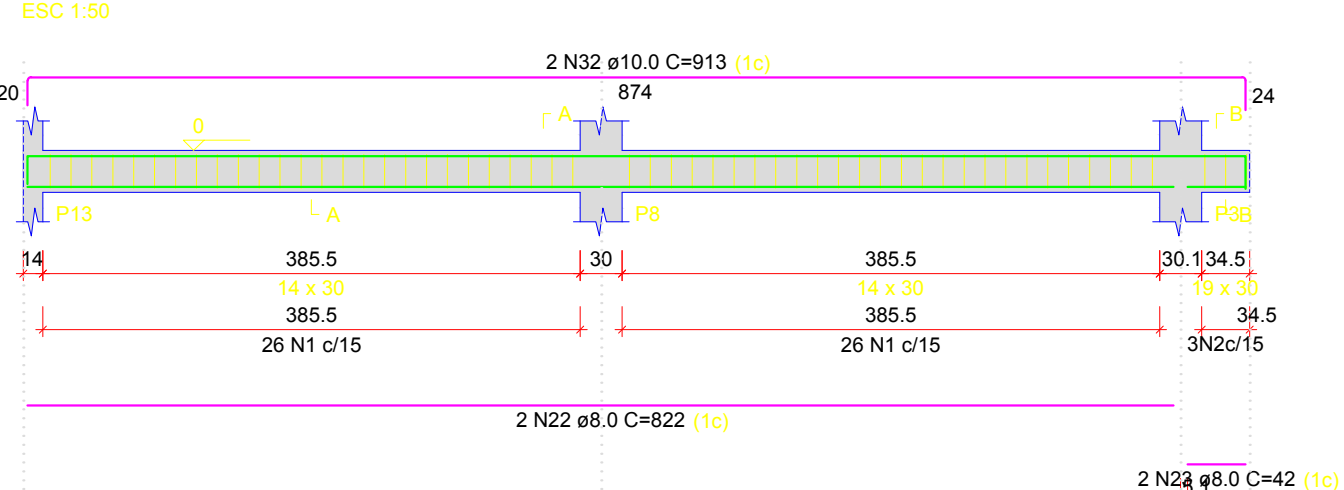
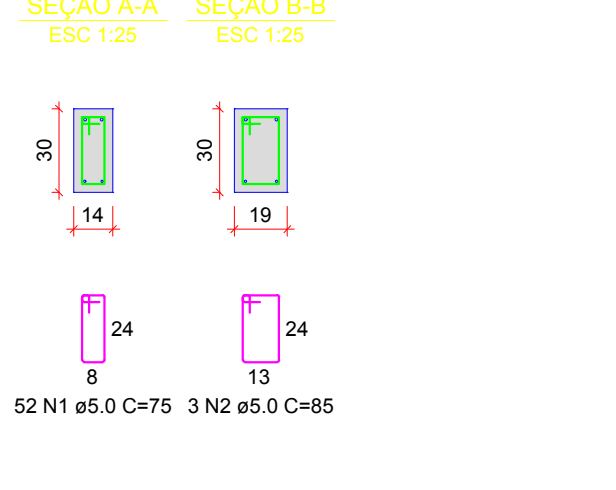
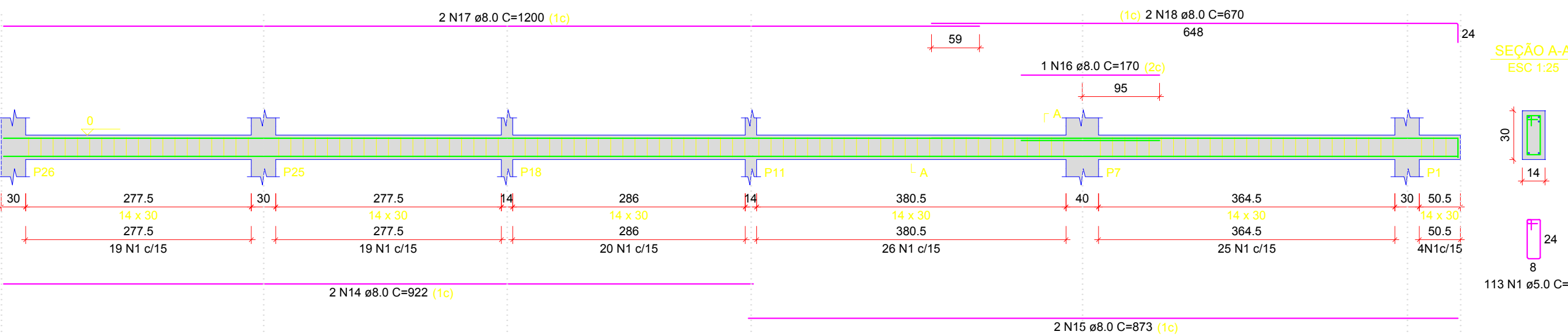
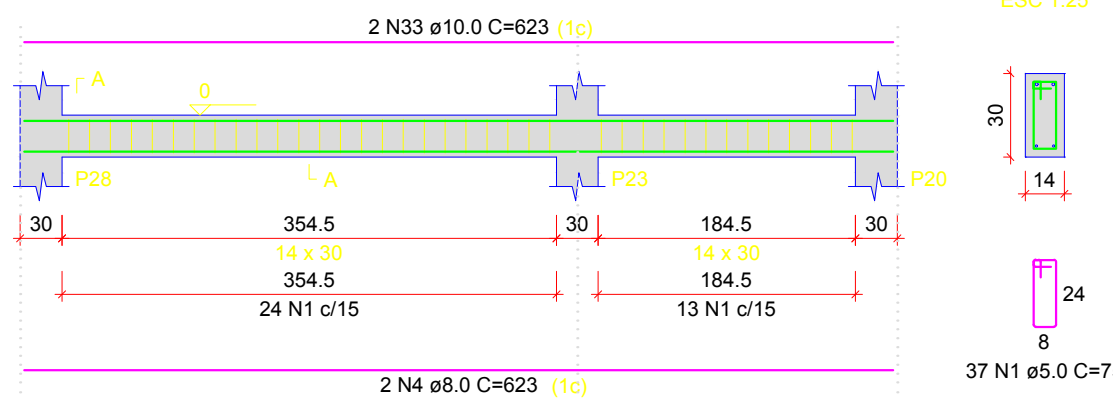
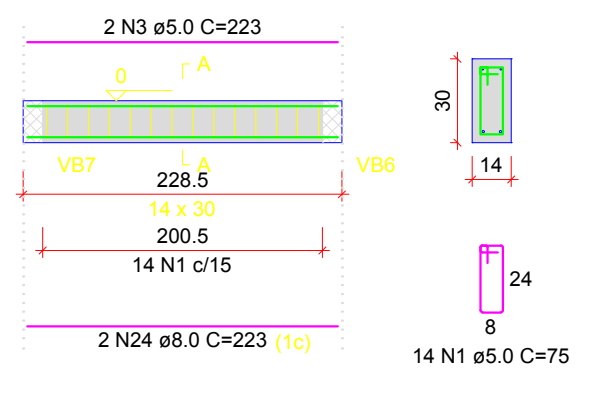
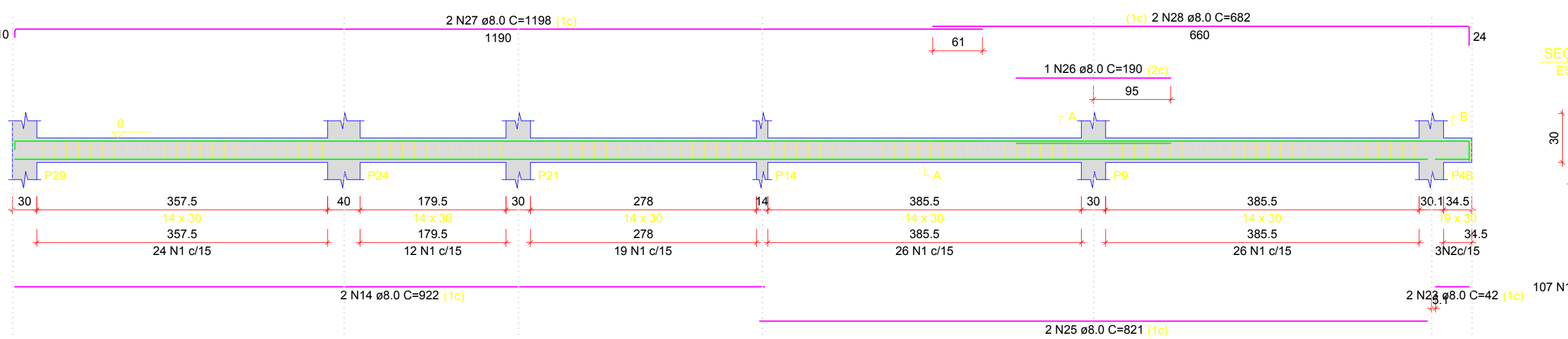
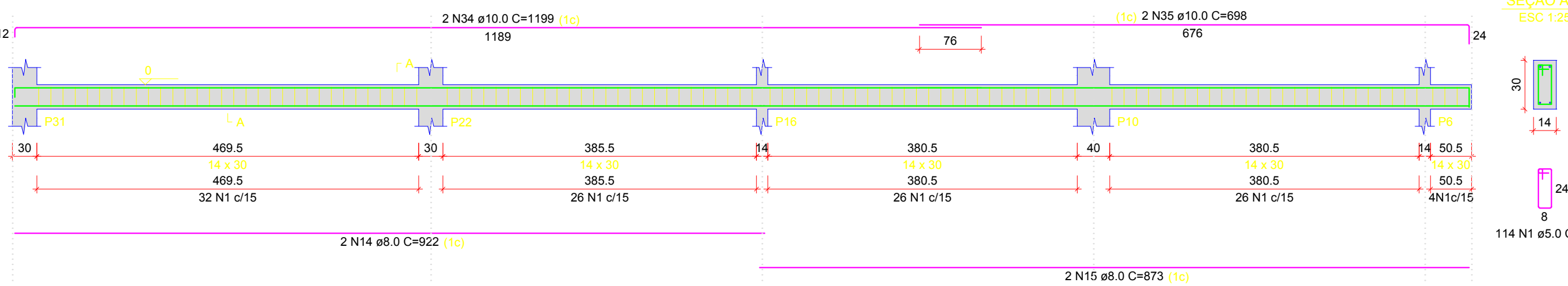


VB1
ESC 1:50VB2
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ESC 1:50VB14
ESC 1:50VB15
ESC 1:50VB15
ESC 1:50VB16
ESC 1:50

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	832	75	62400
CA50	2	5.0	6	85	510
	3	5.0	2	223	446
	4	8.0	12	623	7476
	5	8.0	2	648	1296
	6	8.0	4	631	2524
	7	8.0	2	223	446
	8	8.0	2	262	524
	9	8.0	2	1123	2246
	10	8.0	4	308	1232
	11	8.0	2	348	696
	12	8.0	2	1122	2244
	13	8.0	2	622	1244
	14	8.0	6	922	5532
	15	8.0	4	873	3492
	16	8.0	1	170	170
	17	8.0	2	1200	2400
	18	8.0	2	670	1340
	19	8.0	2	345	690
	20	8.0	2	193	386
	21	8.0	2	215	430
	22	8.0	2	822	1644
	23	8.0	4	42	168
	24	8.0	2	223	446
	25	8.0	2	821	1642
	26	8.0	1	190	190
	27	8.0	2	1198	2396
	28	8.0	2	682	1364
	29	10.0	2	1133	2266
	30	10.0	2	1198	2396
	31	10.0	2	622	1244
	32	10.0	2	913	1826
	33	10.0	2	623	1246
	34	10.0	2	1198	2396
	35	10.0	2	698	1396

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	8.0	422.2	36	166.6
CA60	10.0	127.7	11	78.7
	5.0	633.6	-	97.7
PESO TOTAL (kg)				
CA50			245.3	
CA60			97.7	

Volume de concreto (C-25) = 5.71 m³
Área de forma = 100.43 m²