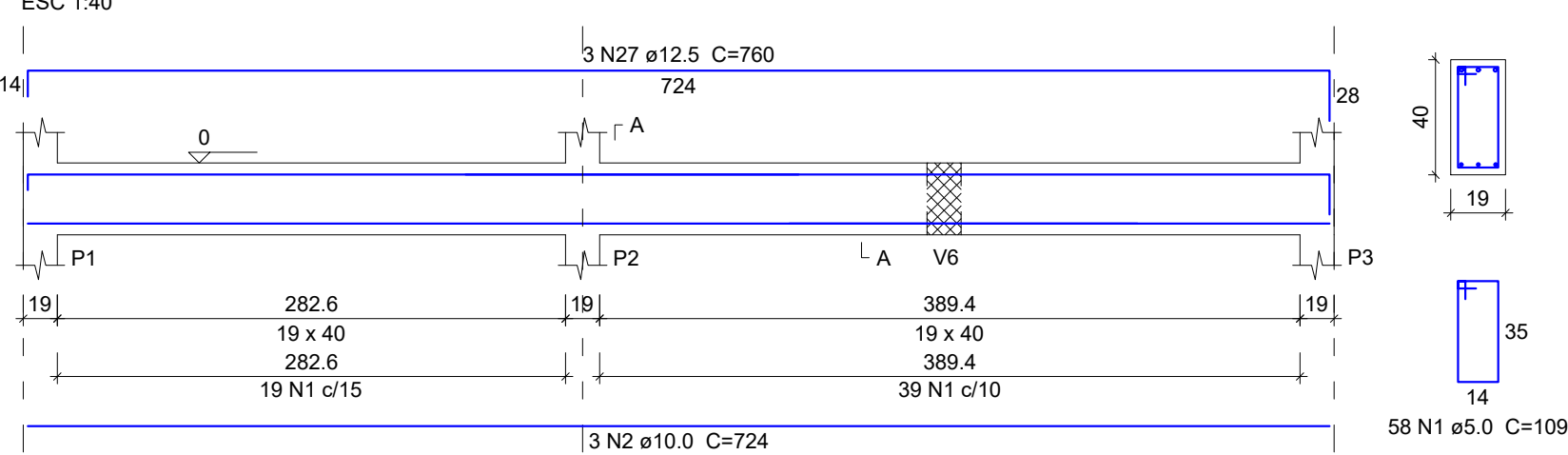
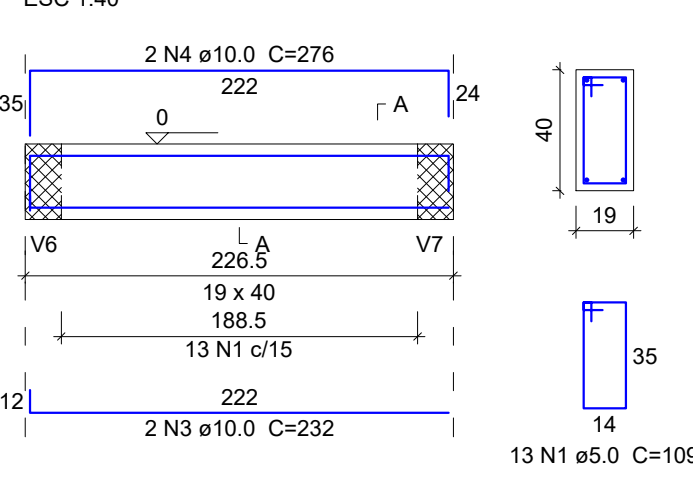


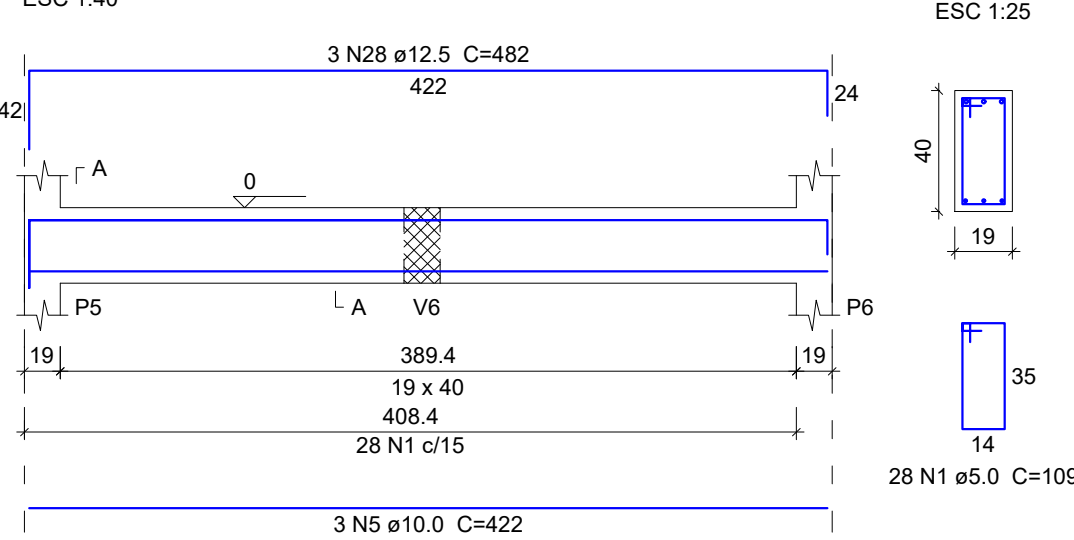
V1 (19 x 40)



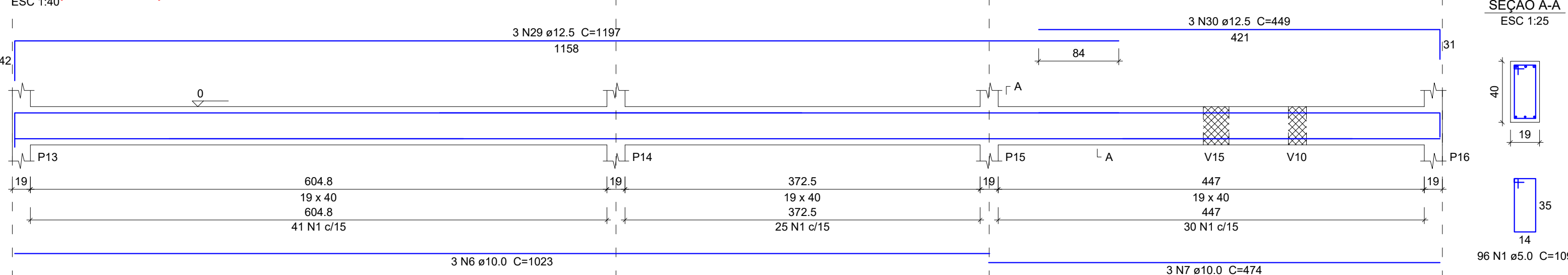
V2 (19 x 40)



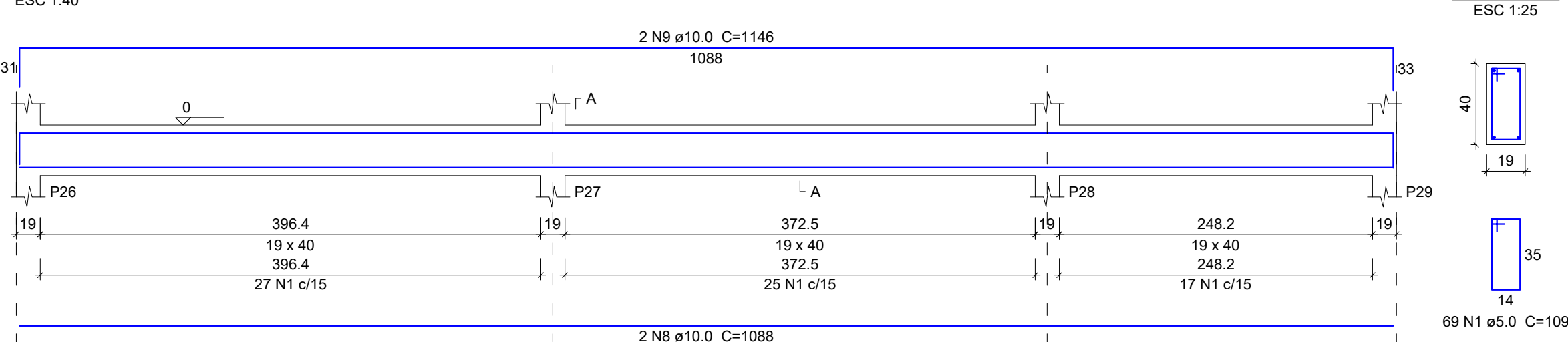
V3 (19 x 40)



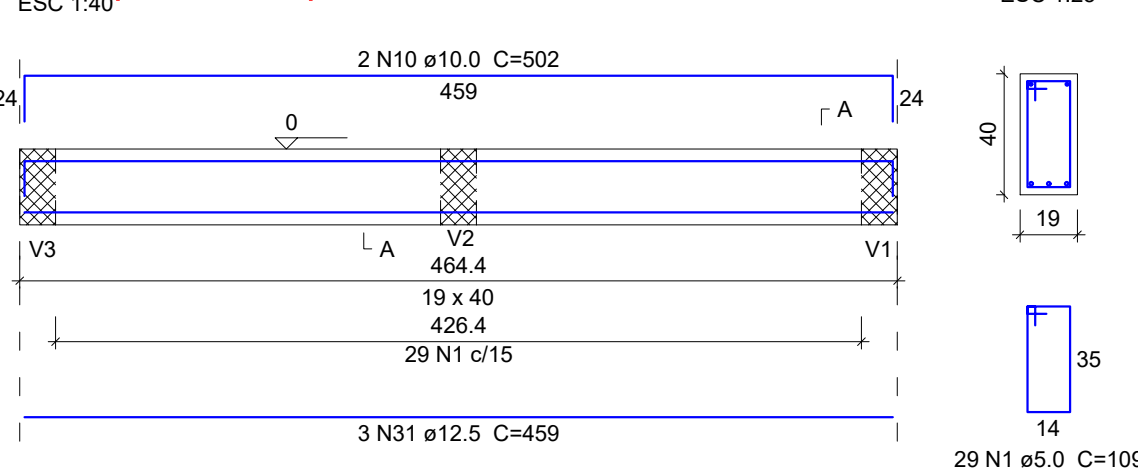
V4 (19 x 40)



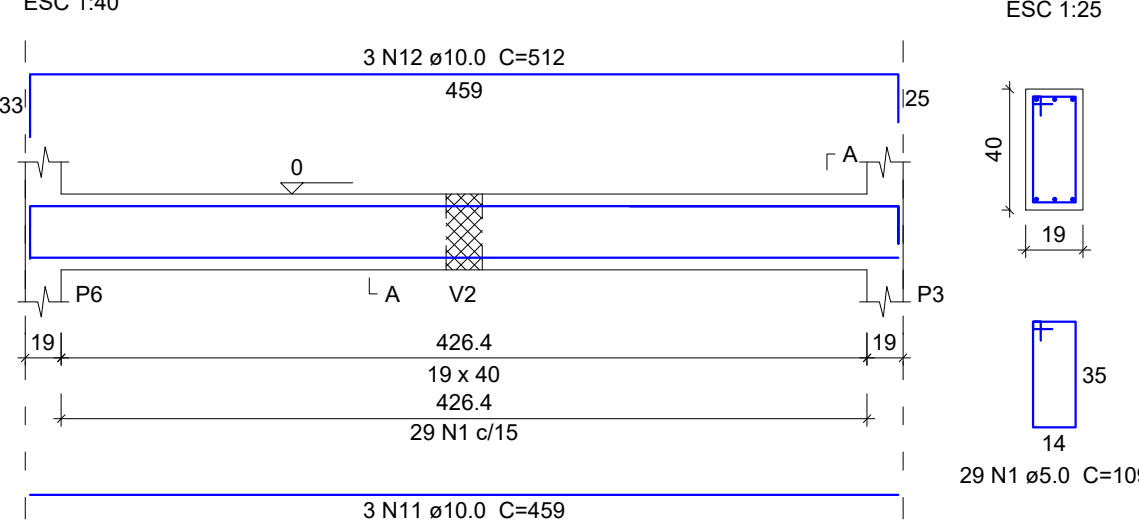
V5 (19 x 40)



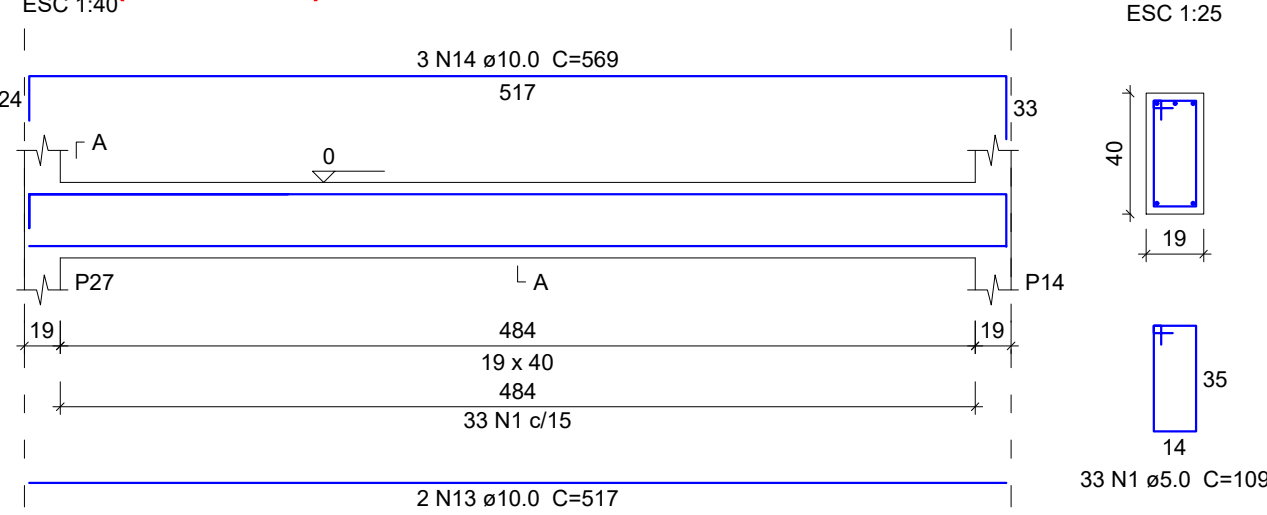
V6 (19 x 40)



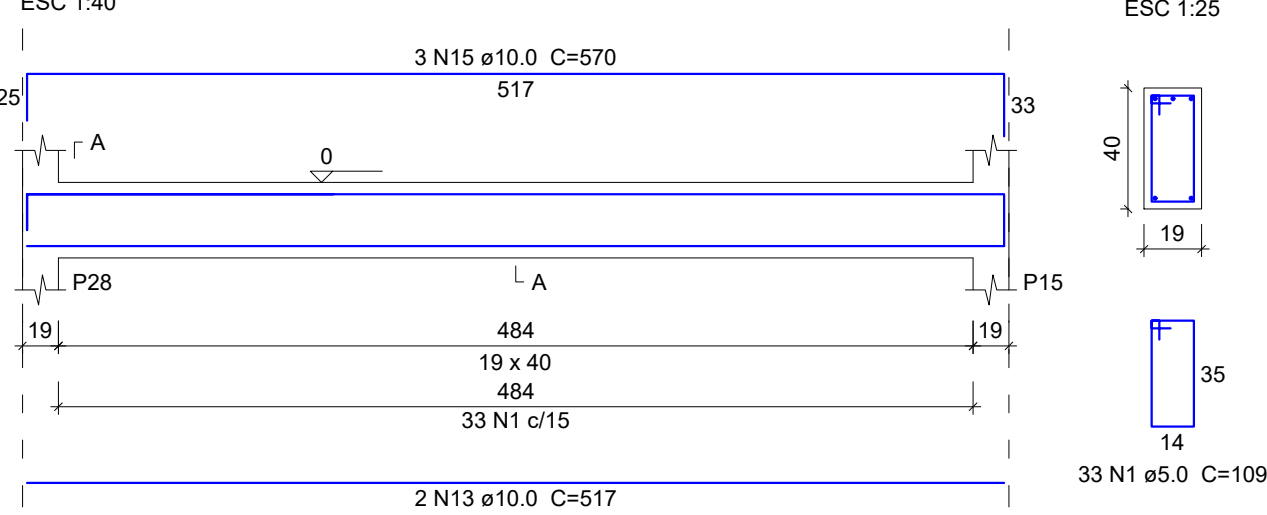
V7 (19 x 40)



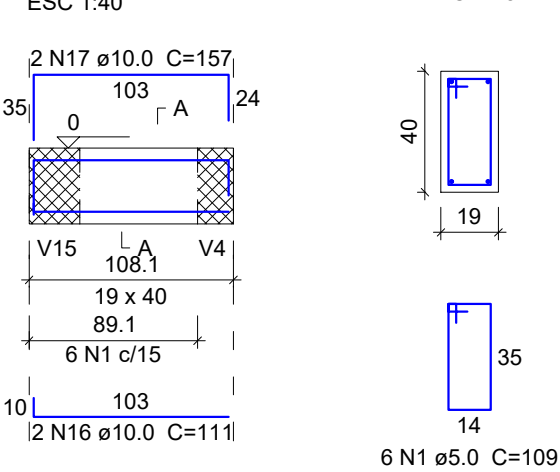
V8 (19 x 40)



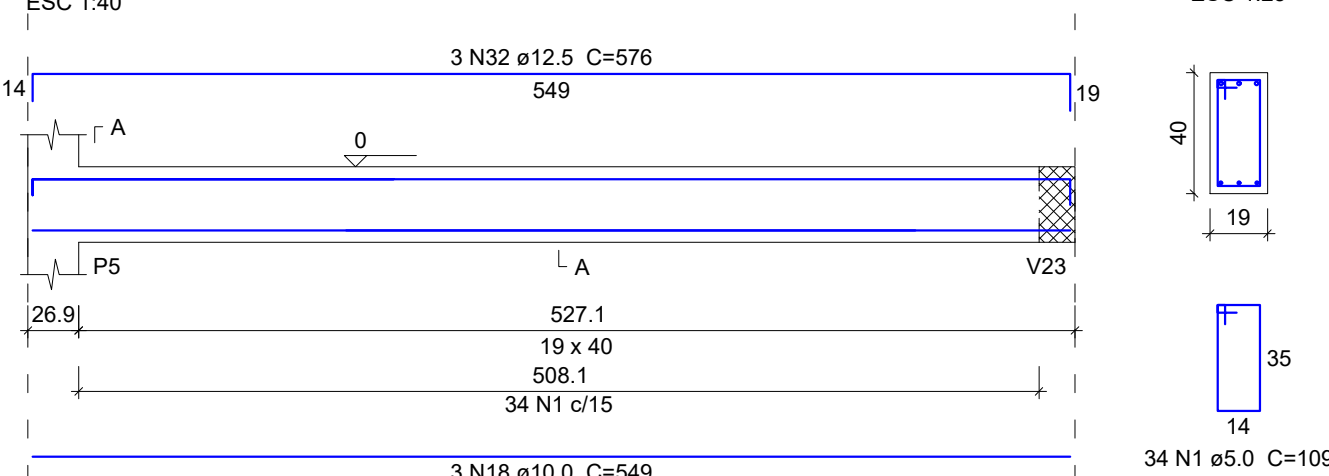
V9 (19 x 40)



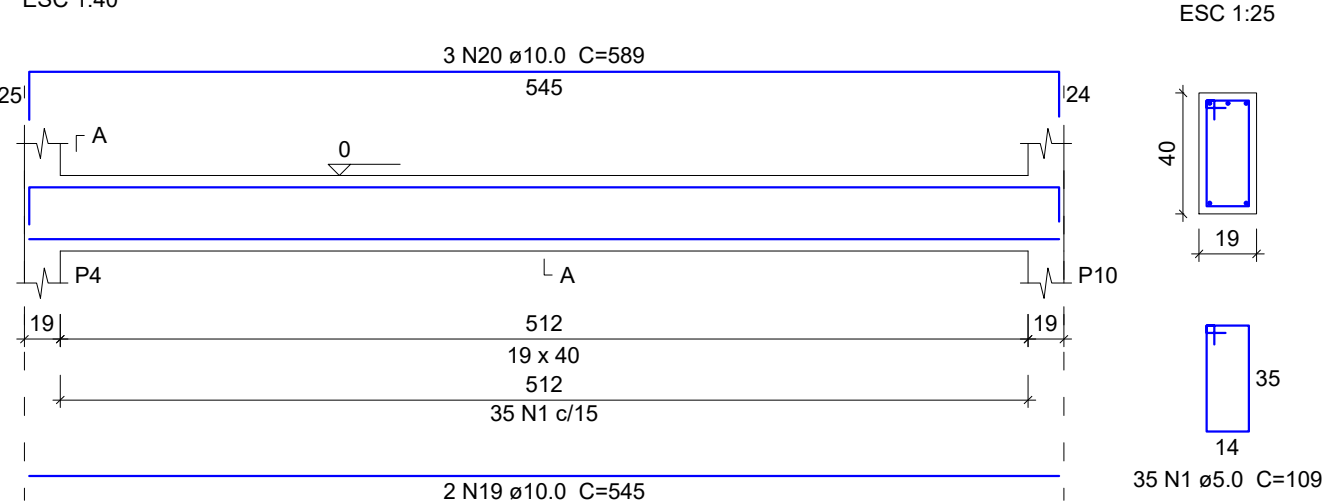
V10 (19 x 40)



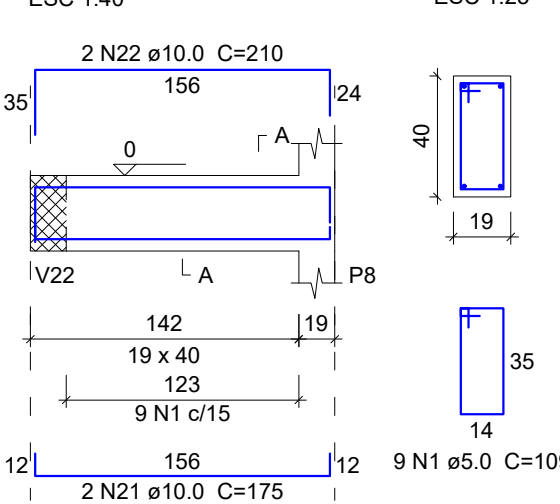
V11 (19 x 40)



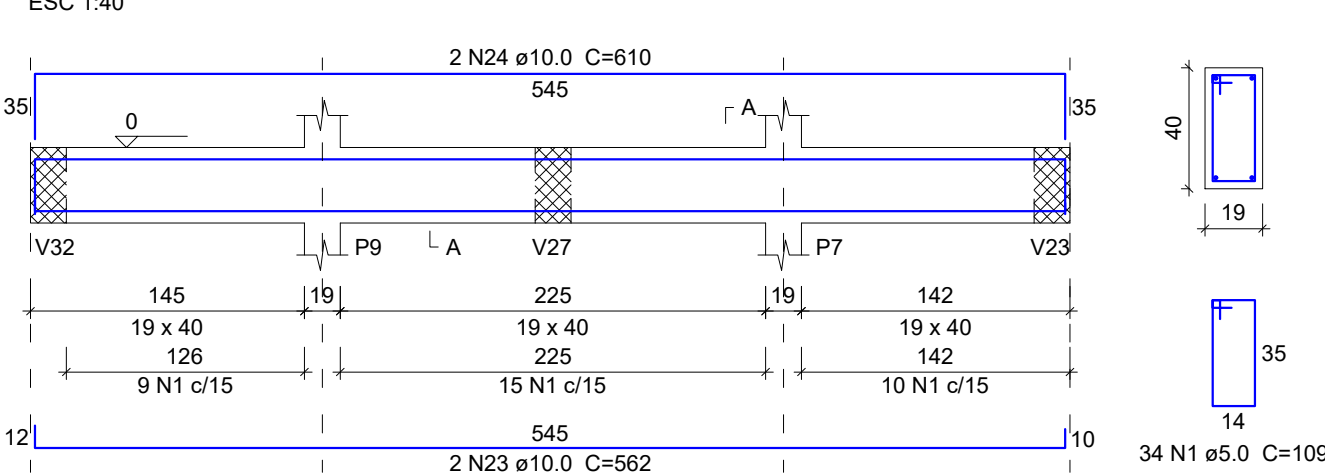
V12 (19 x 40)



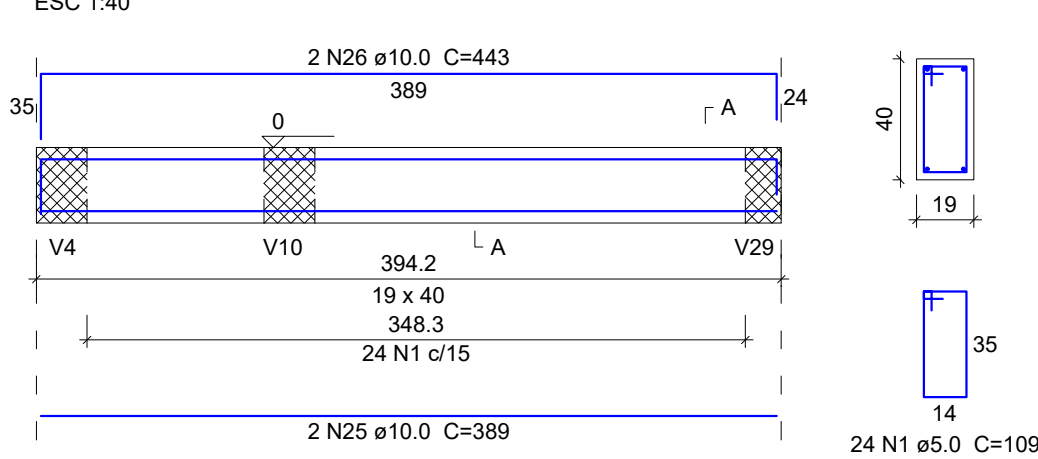
V13 (19 x 40)



V14 (19 x 40)



V15 (19 x 40)



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	530	109	57770
V4	2	10.0	3	724	2172
V7	3	10.0	2	232	464
V10	4	10.0	2	276	552
V13	5	10.0	3	422	1266
	6	10.0	3	1023	3069
	7	10.0	3	474	1422
	8	10.0	2	1088	2176
	9	10.0	2	1146	2292
	10	10.0	2	502	1004
	11	10.0	3	459	1377
	12	10.0	3	512	1536
	13	10.0	4	517	2068
	14	10.0	3	569	1707
	15	10.0	3	570	1710
	16	10.0	2	111	222
	17	10.0	2	157	314
	18	10.0	3	549	1647
	19	10.0	2	545	1080
	20	10.0	3	589	1767
	21	10.0	2	175	350
	22	10.0	2	210	420
	23	10.0	2	562	1124
	24	10.0	2	610	1220
	25	10.0	2	389	778
	26	10.0	2	443	886
	27	12.5	3	760	2280
	28	12.5	3	482	1446
	29	12.5	3	1197	3591
	30	12.5	3	449	1347
	31	12.5	3	459	1377
	32	12.5	3	576	1728

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	328.4	28	201.2
CA60	12.5	117.7	10	113.4
CA60	5.0	577.7	49	89
PESO TOTAL (kg)				
CA50		314.6		
CA60		89		

Volume de concreto (C-30) = 5.82 m³
Área de forma = 75.66 m²

ARMADURA VIGAS TÉRREO

escala 1:40

Verificar medidas no local:
Cobrimento das armaduras: Vigas e Pilares = 2.5 cm
Lajes = 2.5 cm
Sapatas = 4 cm
Resistência característica do concreto: fck = 30 Mpa
Resistência característica do aço: CA - 50 = 500 Mpa
CA - 60 = 600 Mpa

OBRA / LOCAL: Centro de Eventos - Fase 2 Município de Cotiporã		
PROPRIETÁRIO:		
Prefeitura Municipal de Cotiporã - CNPJ: 90.898.487/0001-64		DATA Fevereiro/2026
RESPONSÁVEL TÉCNICO:		DESENHO Jeferson
Jeferson Restelli Frizon - Engenheiro Civil - CREA/RS 254394		ESCALA Indicada
ASSUNTO		FRANCHA
ESTRUTURAL - ARMADURA VIGAS TÉRREO		04

04