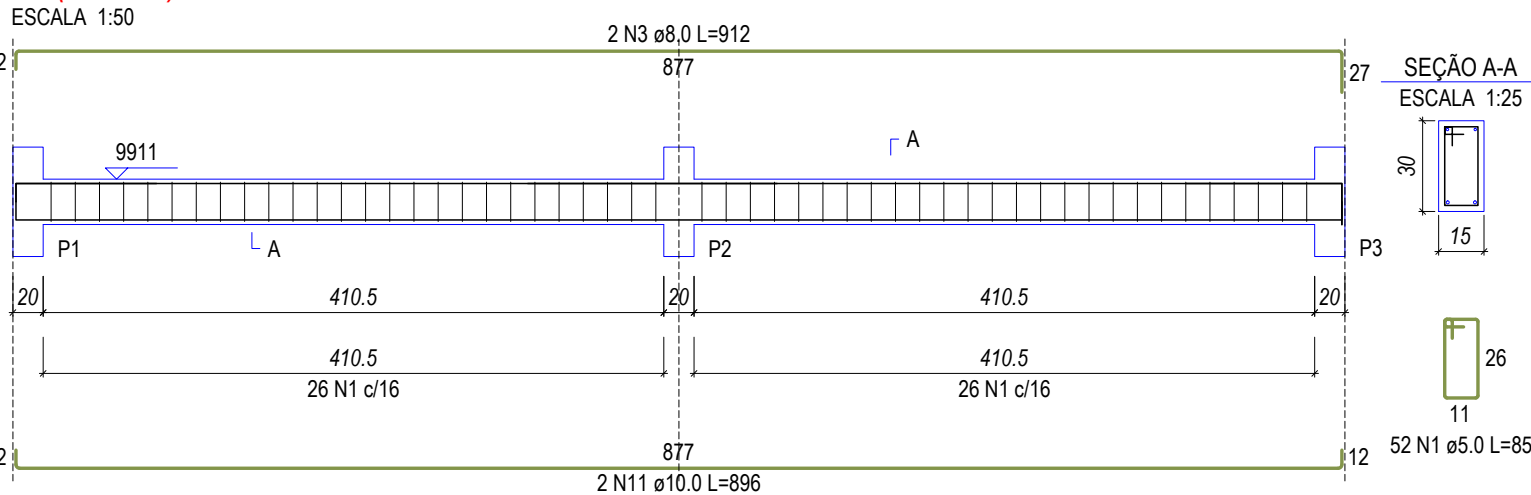
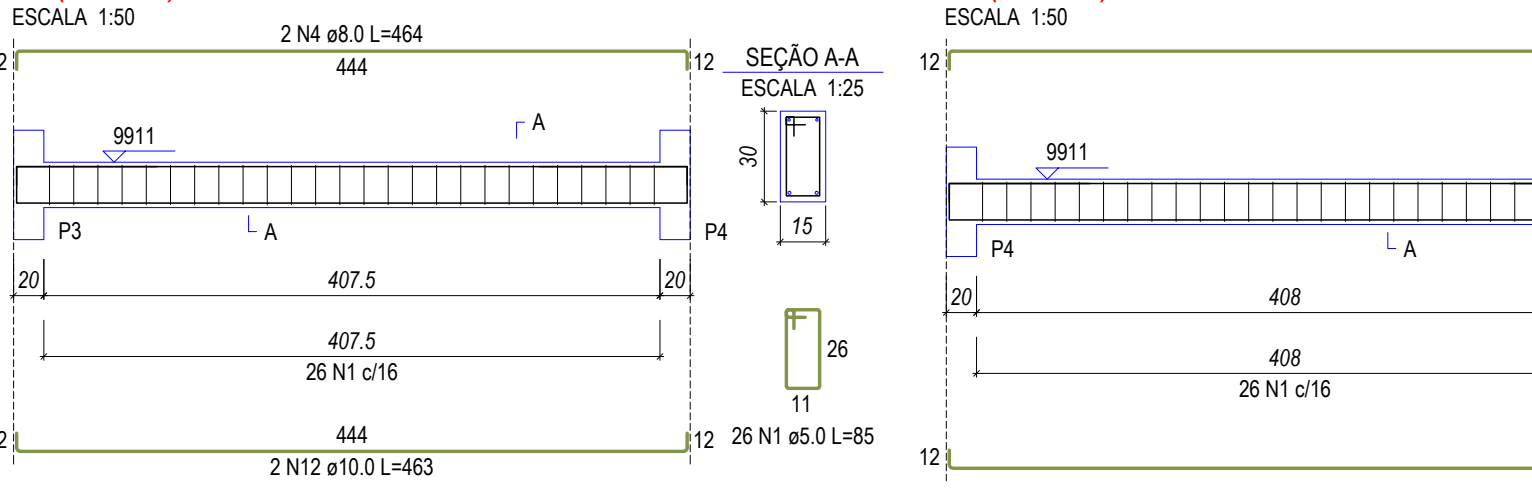


PAVIMENTO TÉRREO - DETALHAMENTO DAS VIGAS

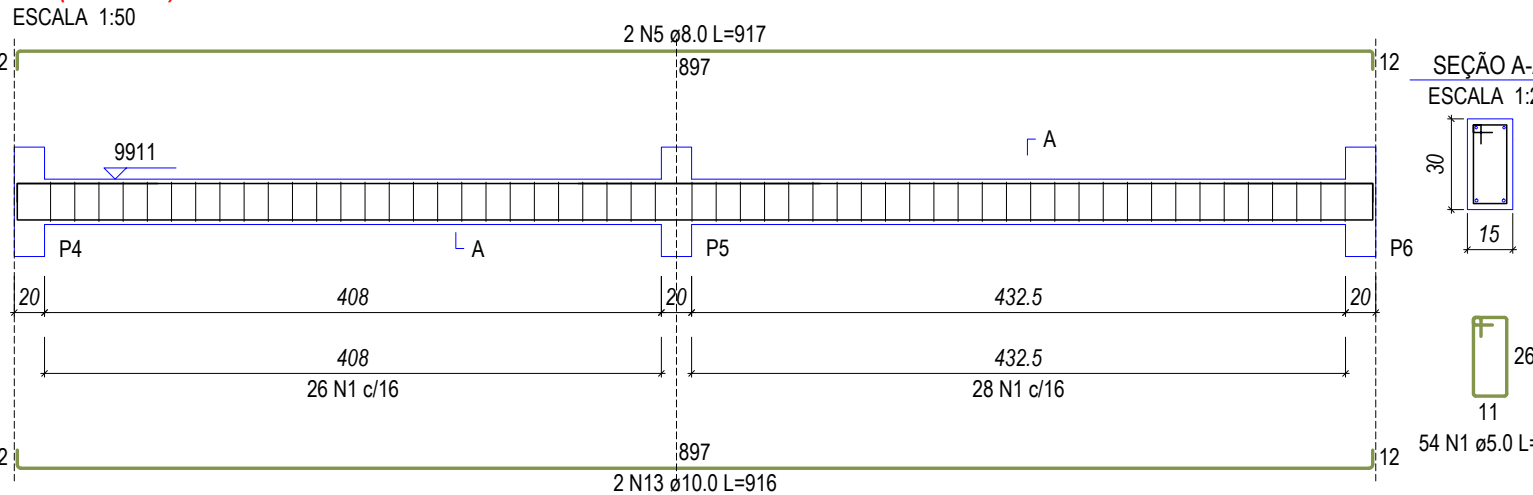
V1 (15 x 30)



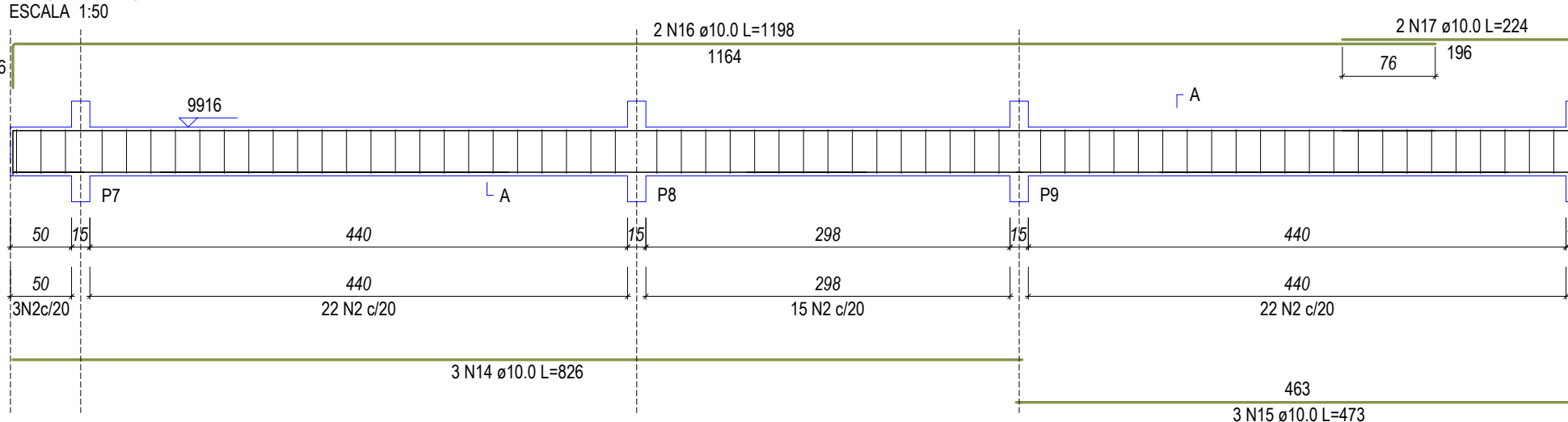
V2 (15 x 30)



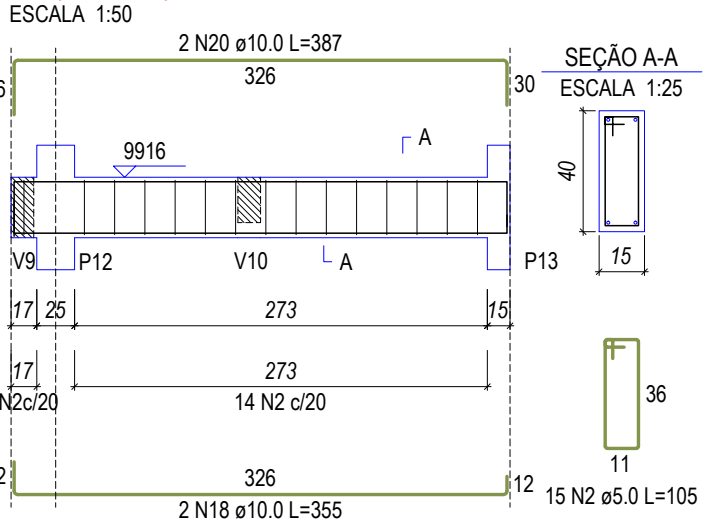
V3 (15 x 30)



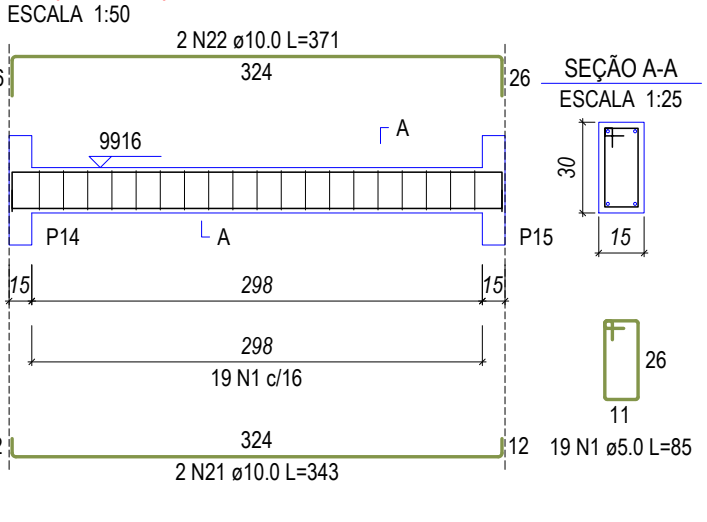
V4 (15 x 40)



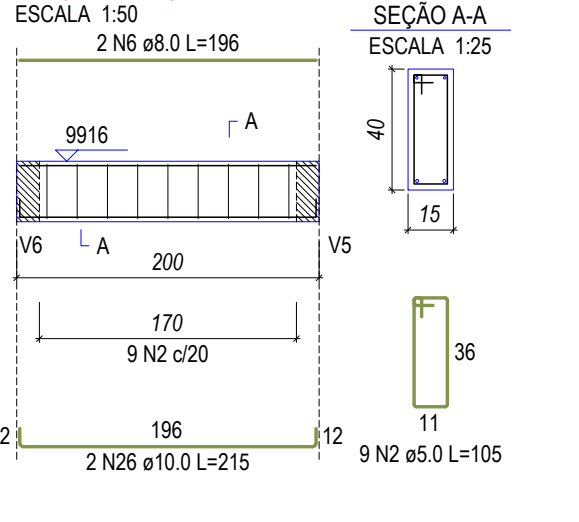
V6 (15 x 40)



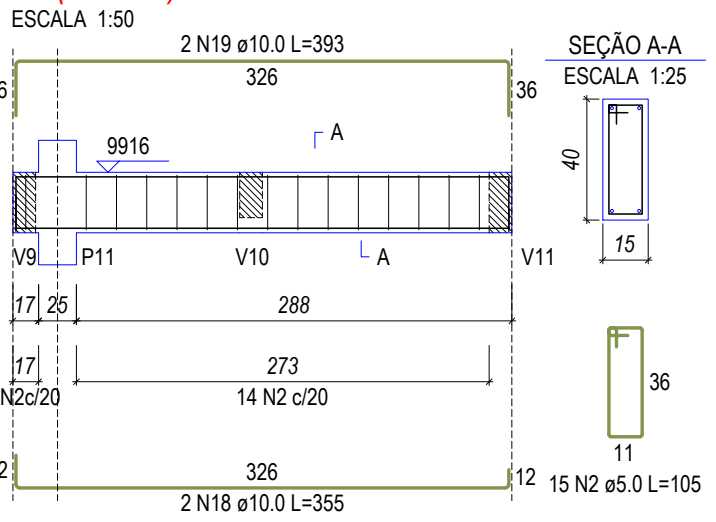
V7 (15 x 30)



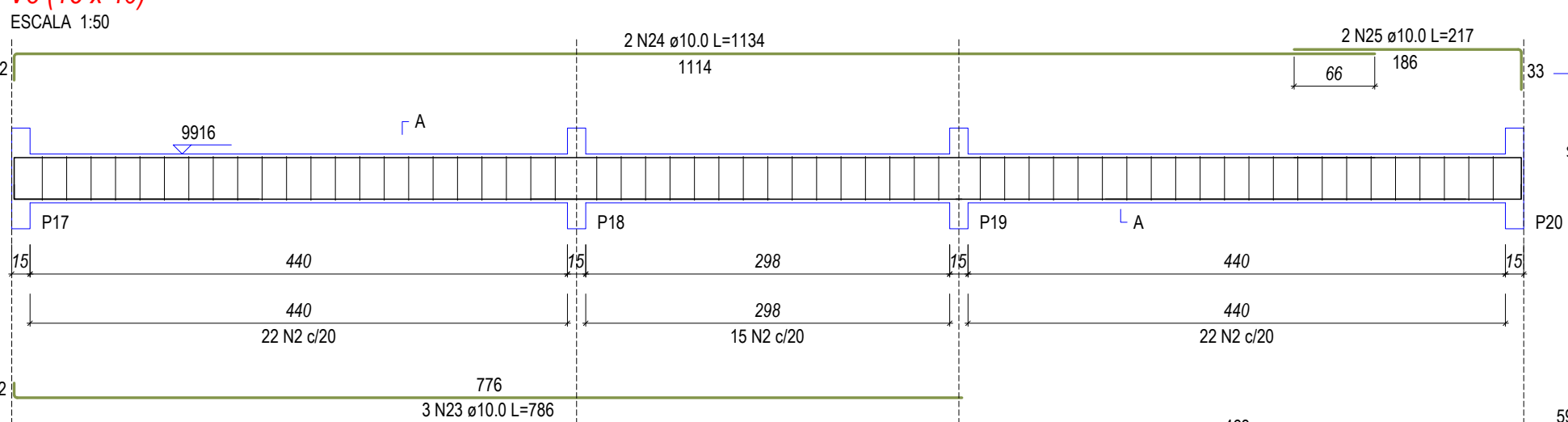
V9 (15 x 40)



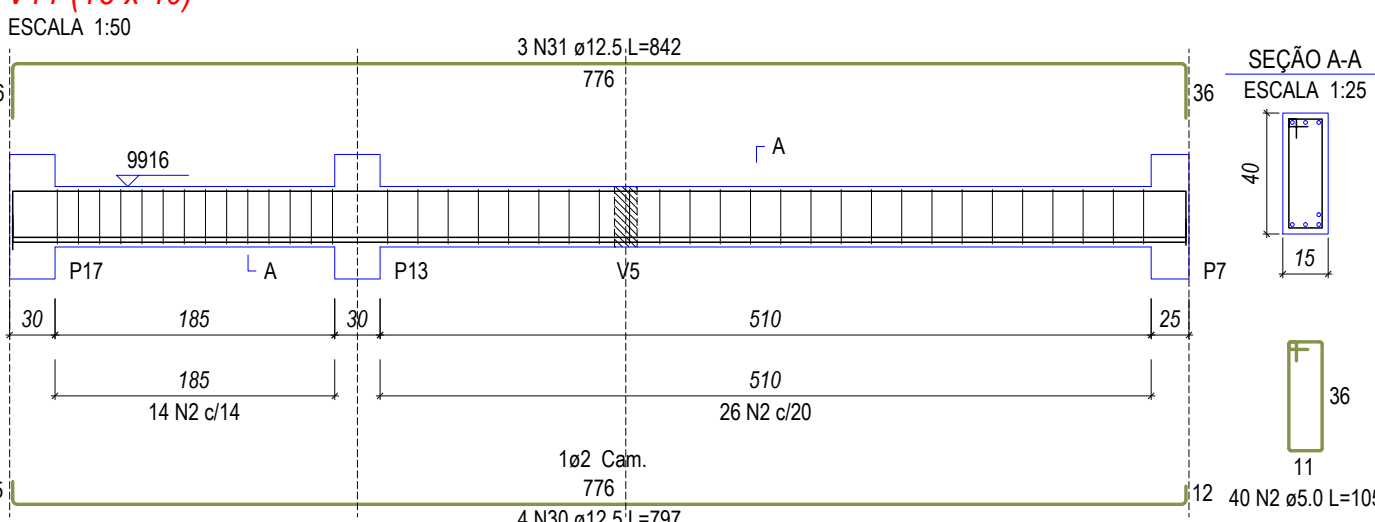
V5 (15 x 40)



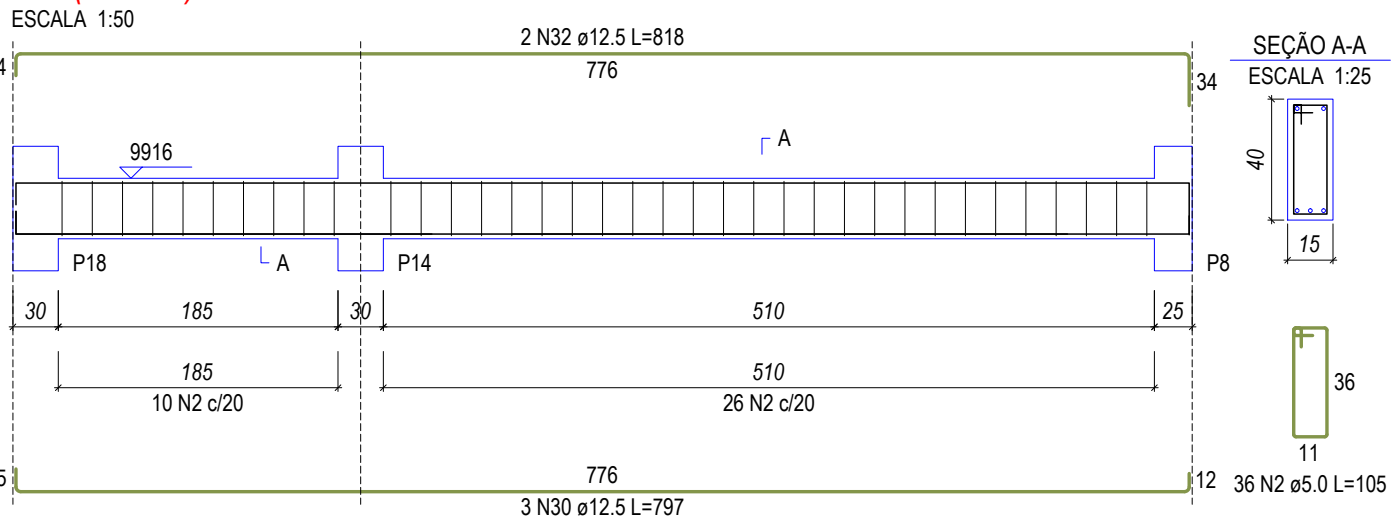
V8 (15 x 40)



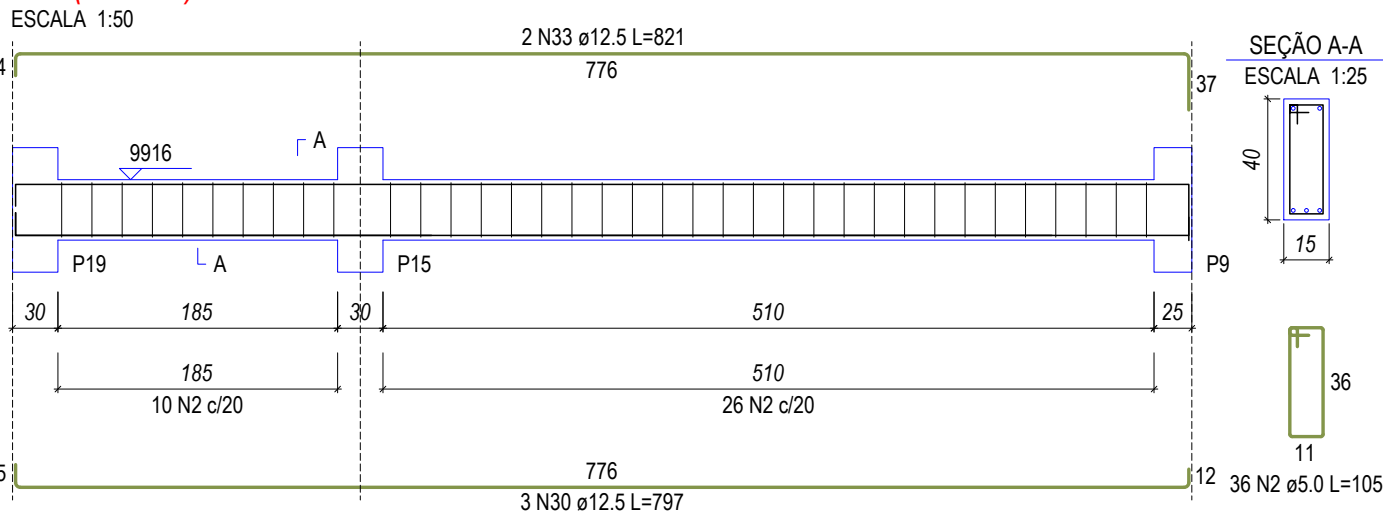
V11 (15 x 40)



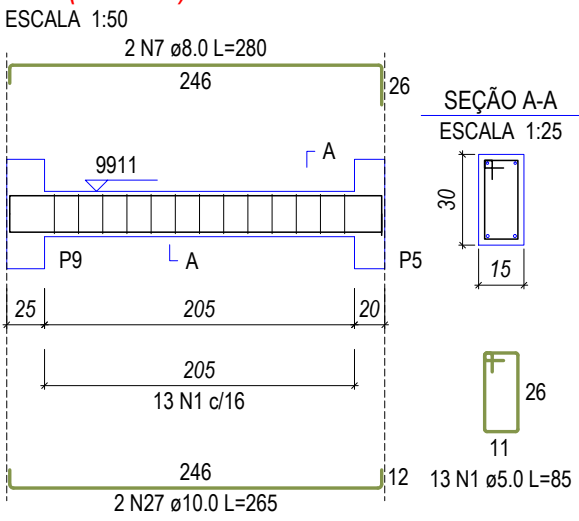
V12 (15 x 40)



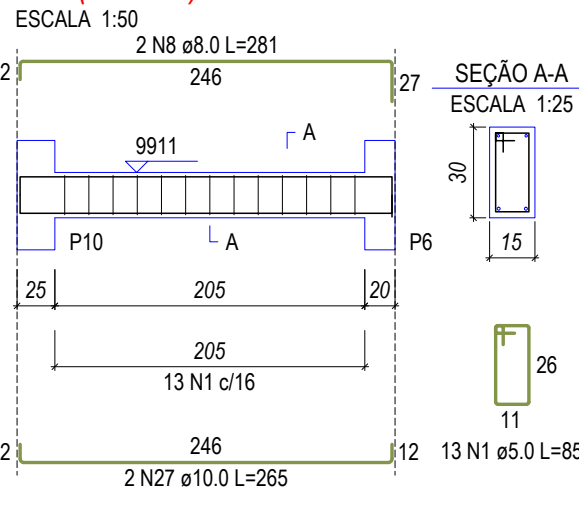
V13 (15 x 40)



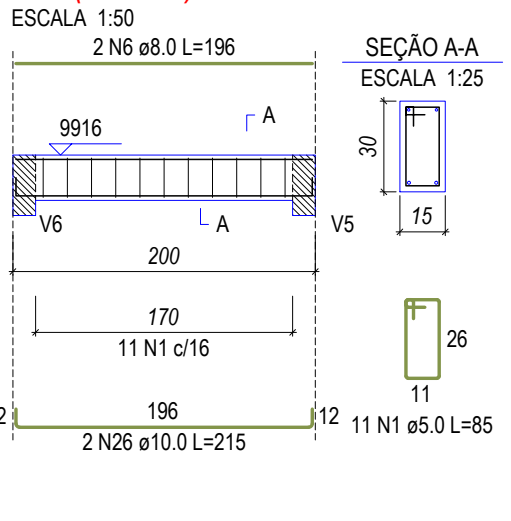
V14 (15 x 30)



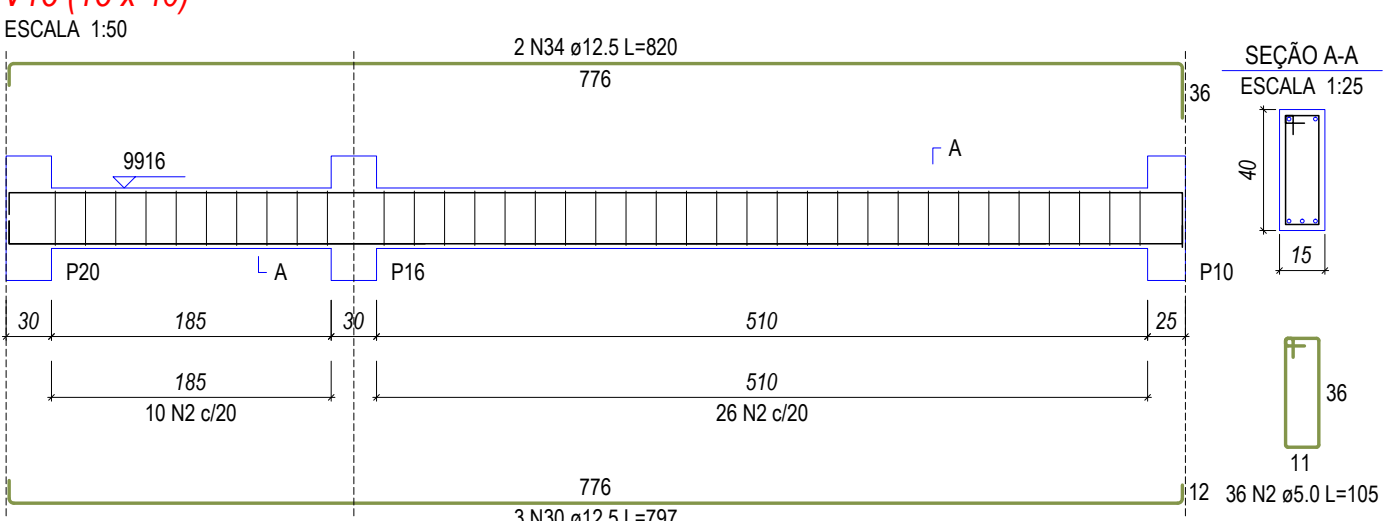
V16 (15 x 30)



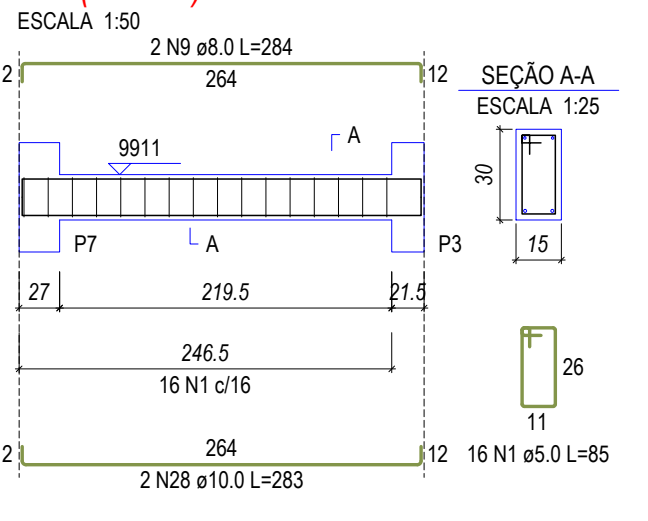
V10 (15 x 30)



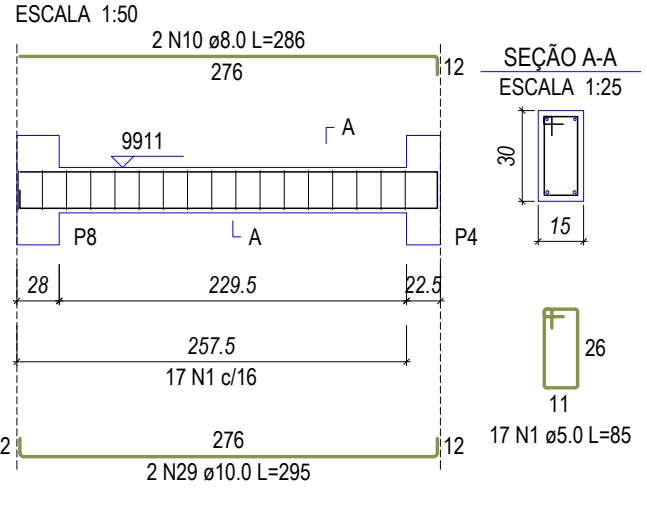
V15 (15 x 40)



V17 (15 x 30)



V18 (15 x 30)



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	221	85	18785
CA50	2	5.0	308	105	32340
	3	8.0	2	912	1824
	4	8.0	2	464	928
	5	8.0	2	917	1834
	6	8.0	4	196	784
	7	8.0	2	280	560
	8	8.0	2	281	562
	9	8.0	2	284	568
	10	8.0	2	286	572
	11	10.0	2	896	1792
	12	10.0	2	463	926
	13	10.0	2	916	1832
	14	10.0	3	826	2478
	15	10.0	6	473	2838
	16	10.0	2	1198	2396
	17	10.0	2	224	448
	18	10.0	4	355	1420
	19	10.0	2	393	786
	20	10.0	2	387	774
	21	10.0	2	343	686
	22	10.0	2	371	742
	23	10.0	3	786	2358
	24	10.0	2	1134	2268
	25	10.0	2	217	434
	26	10.0	4	215	860
	27	10.0	4	265	1060
	28	10.0	2	283	566
	29	10.0	2	295	590
	30	12.5	13	797	10361
	31	12.5	3	842	2526
	32	12.5	2	818	1636
	33	12.5	2	821	1642
	34	12.5	2	820	1640

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	8.0	76.3	7	30.1
	10.0	252.5	22	155.7
	12.5	178.1	15	171.5
CA60	5.0	511.3	43	78.8
PESO TOTAL (kg)				
CA50	357.3			
CA60	78.8			

Volume de concreto (C-25) = 5.12 m³
Área de forma = 90.34 m²



PREFEITO MUNICIPAL: JORGE CLADISTONE POZZOBOM
SECRETÁRIO: JOSÉ ANTÔNIO DE AZEVEDO GOMES
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EMEF ERLINDA MINÓGGIO VINADÉ

RUA JORDÂNIA, Nº 133 - BAIRRO SÃO JOÃO - SANTA MARIA - RS

PROJETO ESTRUTURAL - REFEITÓRIO
DETALHAMENTO DAS VIGAS DO PAVIMENTO TÉRREO

PROPRIETÁRIA / SECRETARIA GESTORA

PROJETISTA / RESPONSÁVEL TÉCNICO

PREFEITURA MUNICIPAL DE SANTA MARIA

Eng. Civil Regis C. Moraes
CREA/RS 93.278

ÁREA

DESENHO ORIGINAL

A.R.T.

PRANCHA

ESCALA

INDICADA

AJUSTES

DATA

20/22

UNIDADES

CENTÍMETROS

Regis Moraes
Engenheiro Civil

JUNHO/2024

ARQUIVO