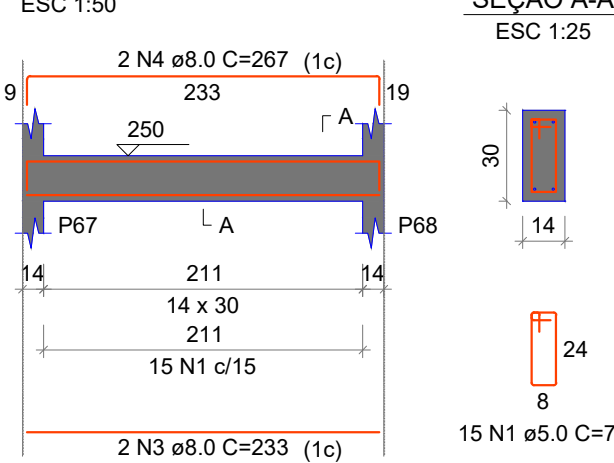
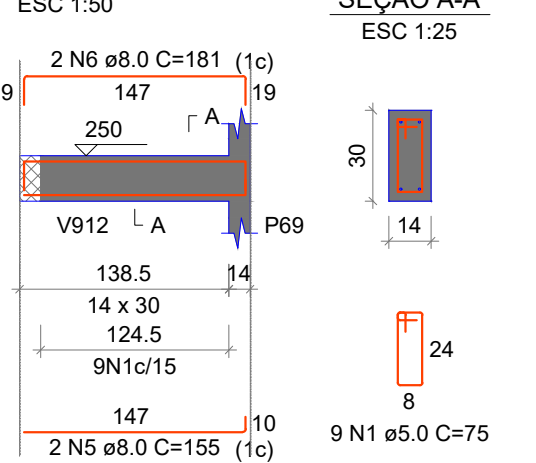


VIGAS - Nível 854,50

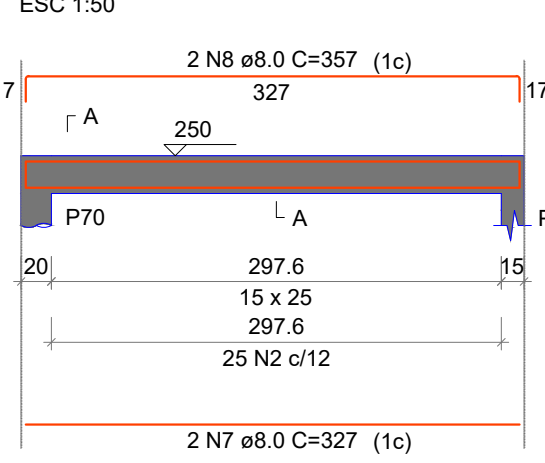
V901



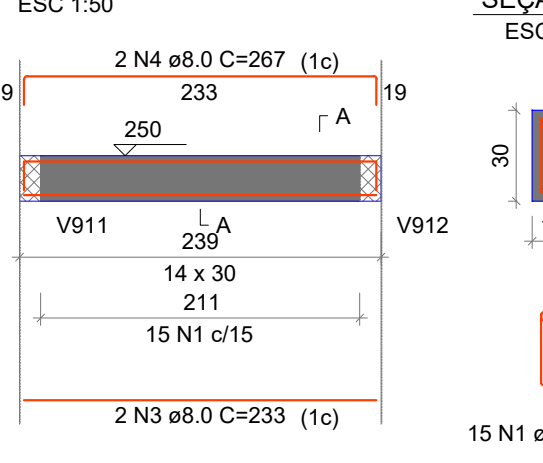
V902



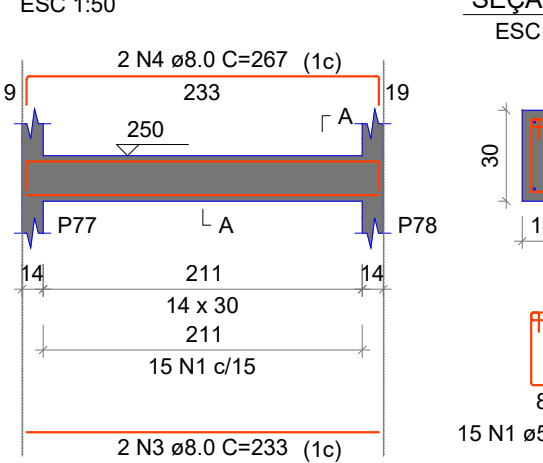
V903



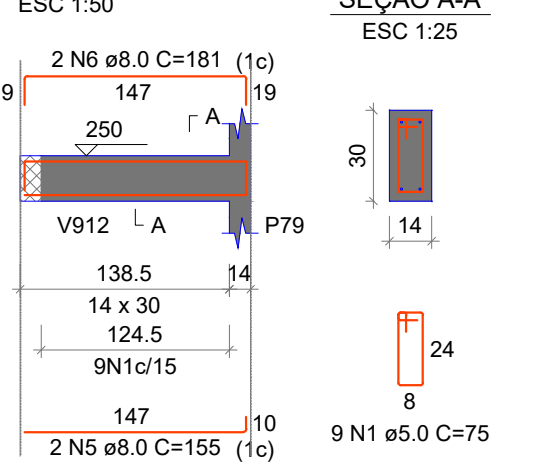
V904



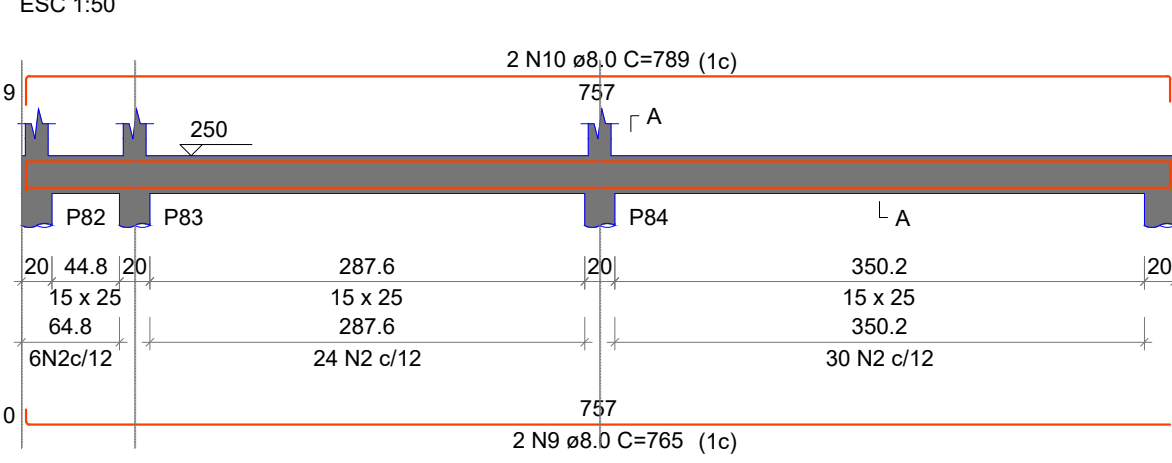
V905



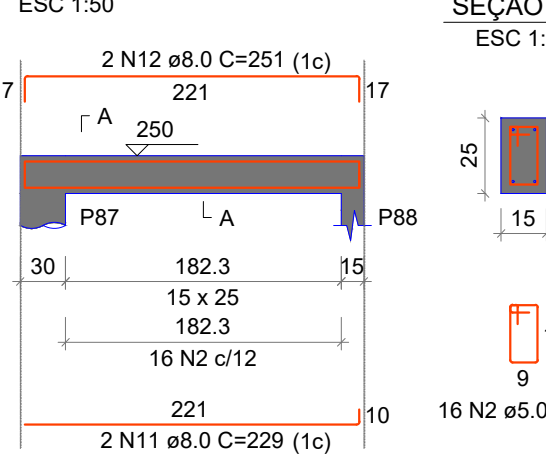
V906



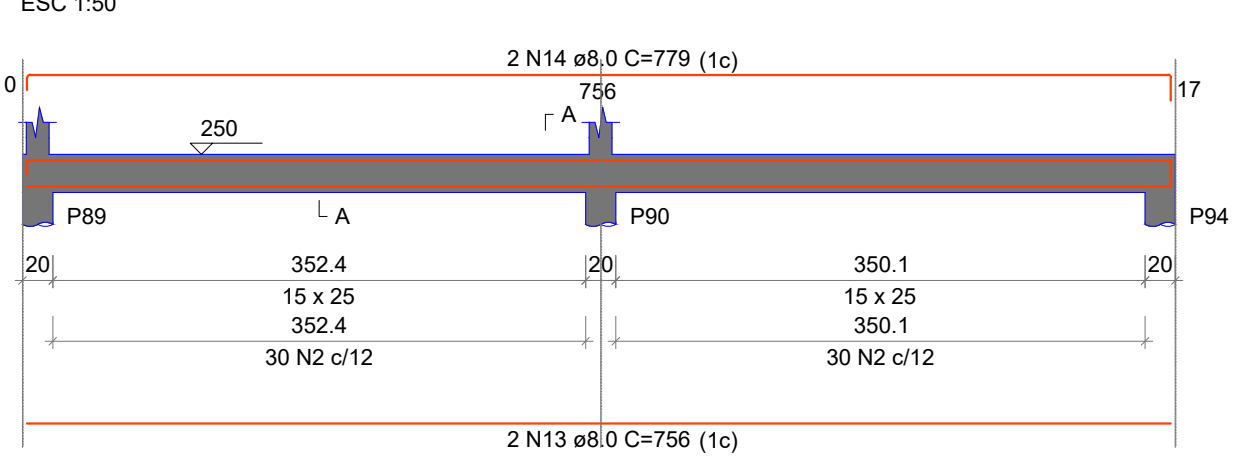
V907



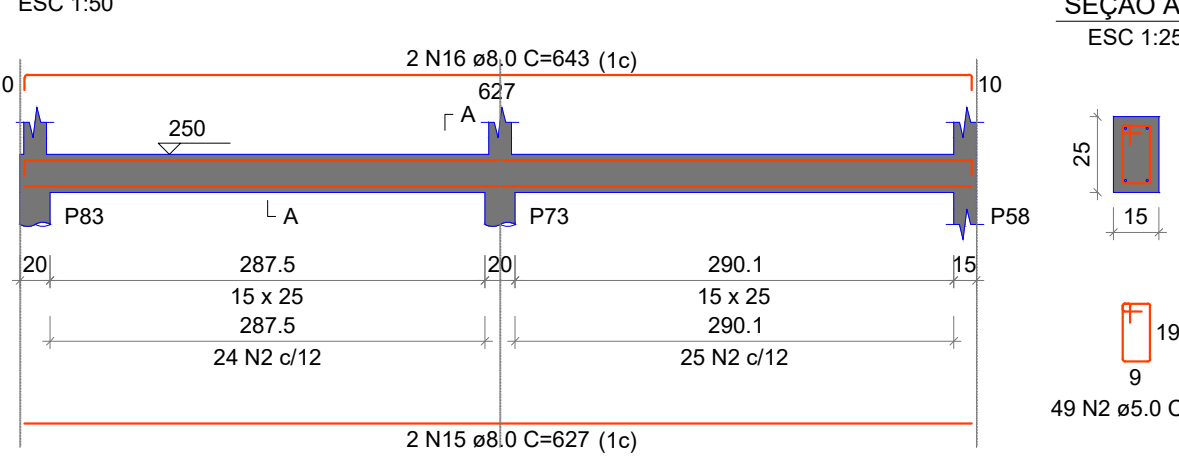
V908



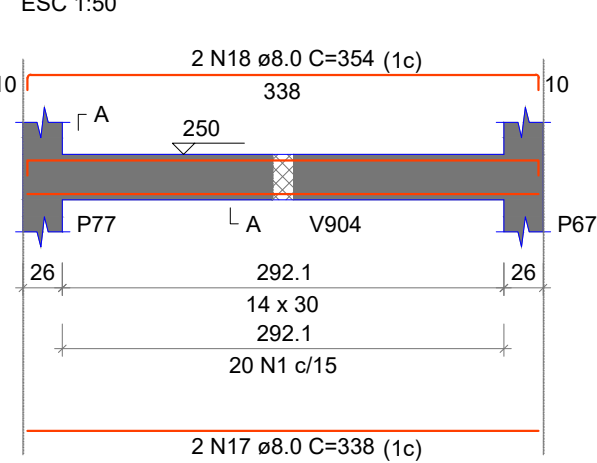
V909



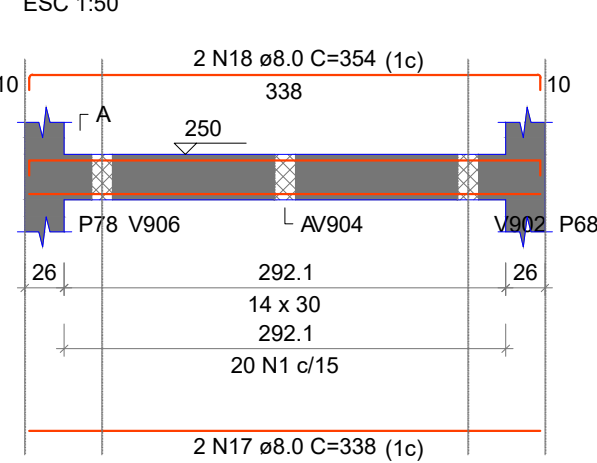
V910



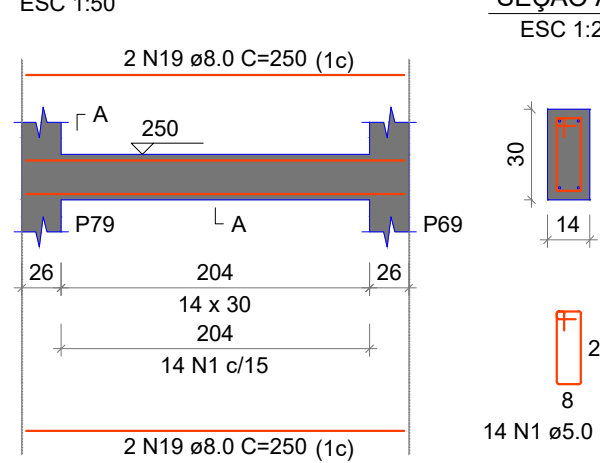
V911



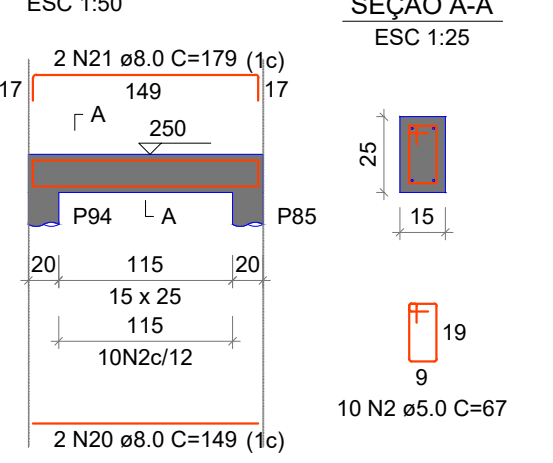
V912



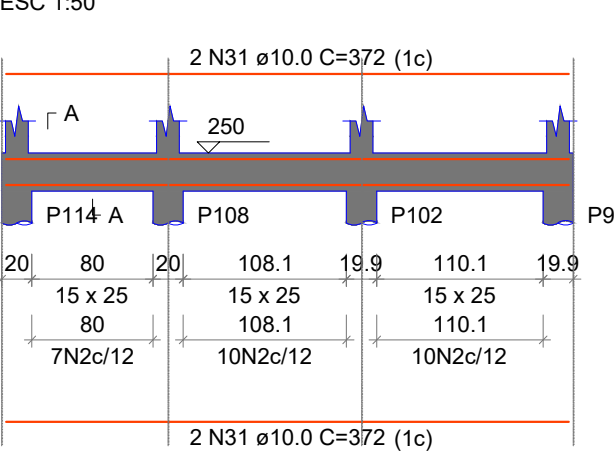
V913



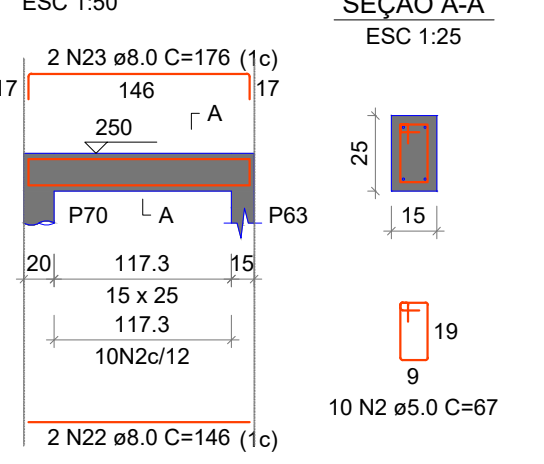
V914



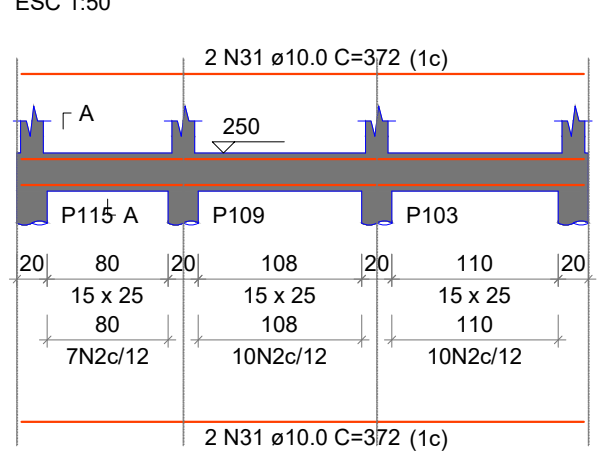
V915



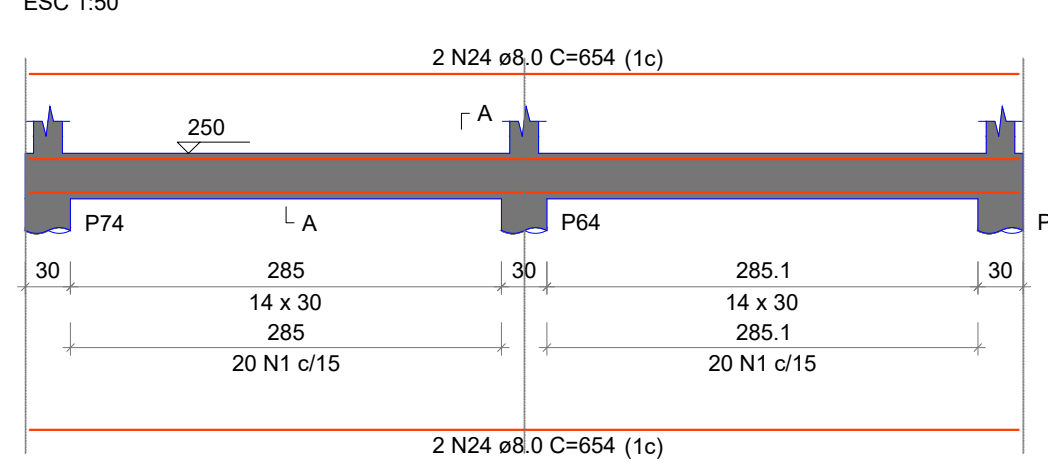
V916



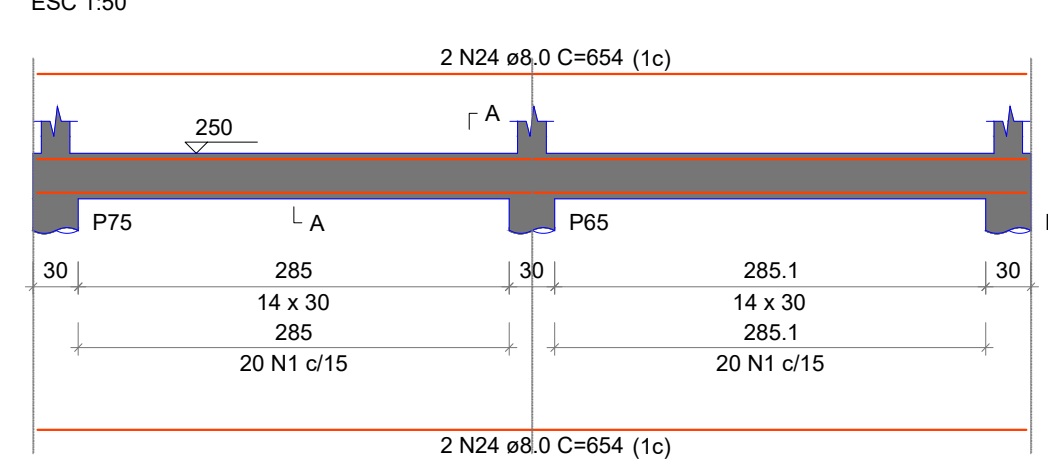
V917



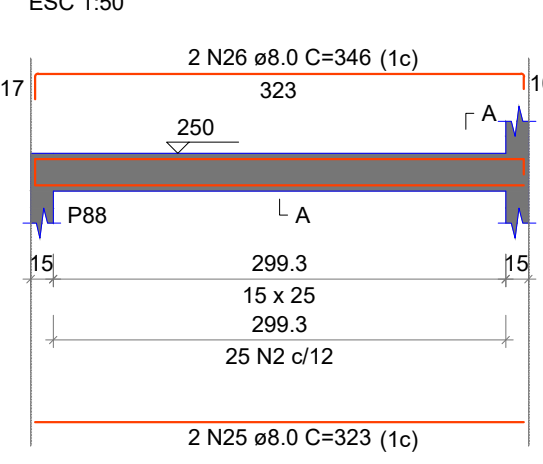
V918



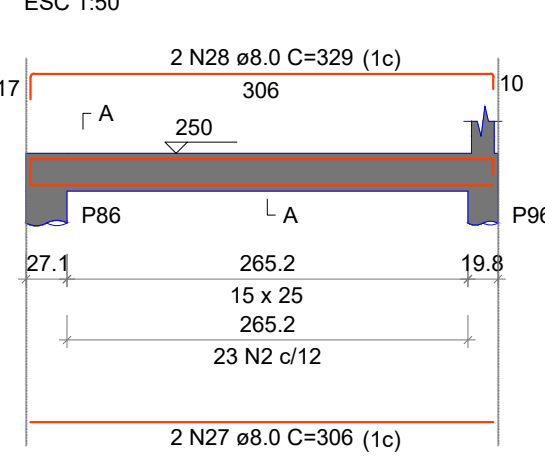
V919



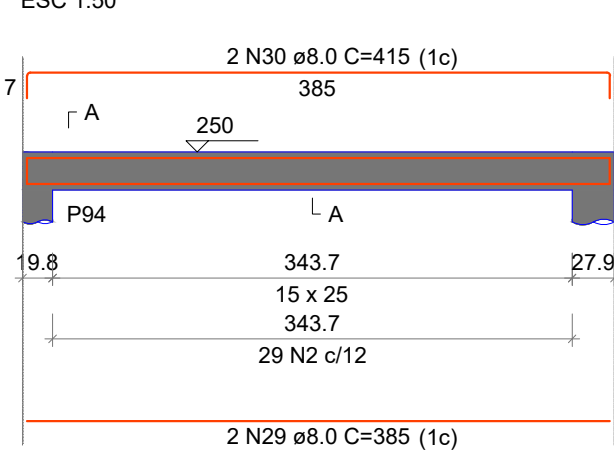
V920



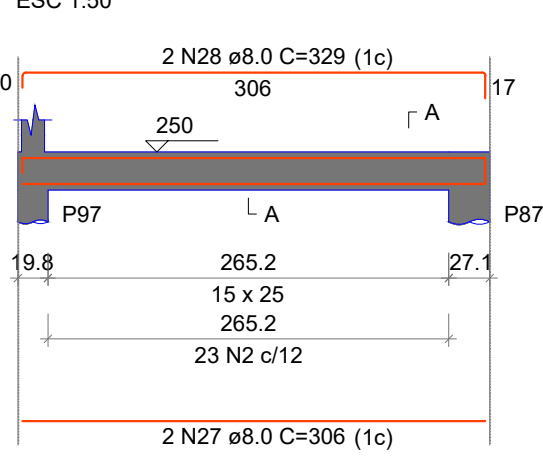
V921



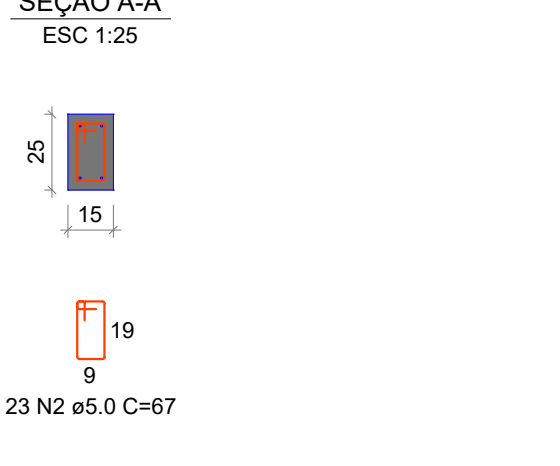
V922



V923



V924



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V901	1	5.0	197	75	14775
V904	2	5.0	384	67	25728
V907	3	8.0	6	233	1398
V910	4	8.0	6	287	1602
V913	5	8.0	4	155	620
V916	6	8.0	4	181	724
V919	7	8.0	2	327	654
V922	8	8.0	2	357	714
V925	9	8.0	2	765	1530
V928	10	8.0	2	789	1578
V931	11	8.0	2	229	458
V934	12	8.0	2	251	502
V937	13	8.0	2	756	1512
V940	14	8.0	2	779	1558
V943	15	8.0	2	627	1254
V946	16	8.0	2	643	1286
V949	17	8.0	4	338	1352
V952	18	8.0	4	354	1416
V955	19	8.0	4	250	1000
V958	20	8.0	2	149	298
V961	21	8.0	2	179	358
V964	22	8.0	2	146	292
V967	23	8.0	2	176	352
V970	24	8.0	8	654	5232
V973	25	8.0	2	323	646
V976	26	8.0	2	348	692
V979	27	8.0	4	306	1224
V982	28	8.0	4	329	1316
V985	29	8.0	2	385	770
V988	30	8.0	2	415	830
V991	31	10.0	8	372	2976

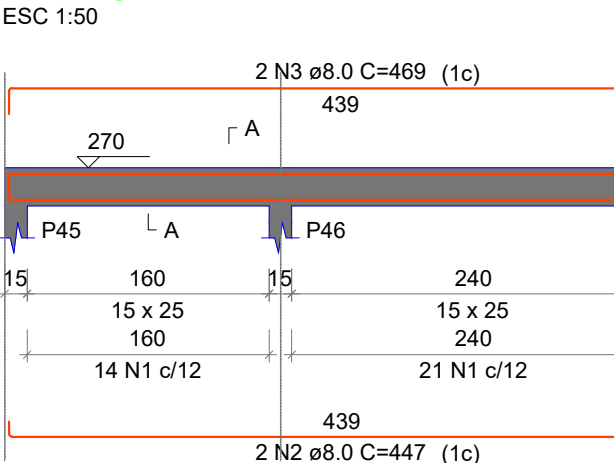
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	311.7	35.3
CA60	10.0	29.8	20.2
CA60	5.0	405	68.7
PESO TOTAL (kg)			
CA50	155.5		
CA60	68.7		

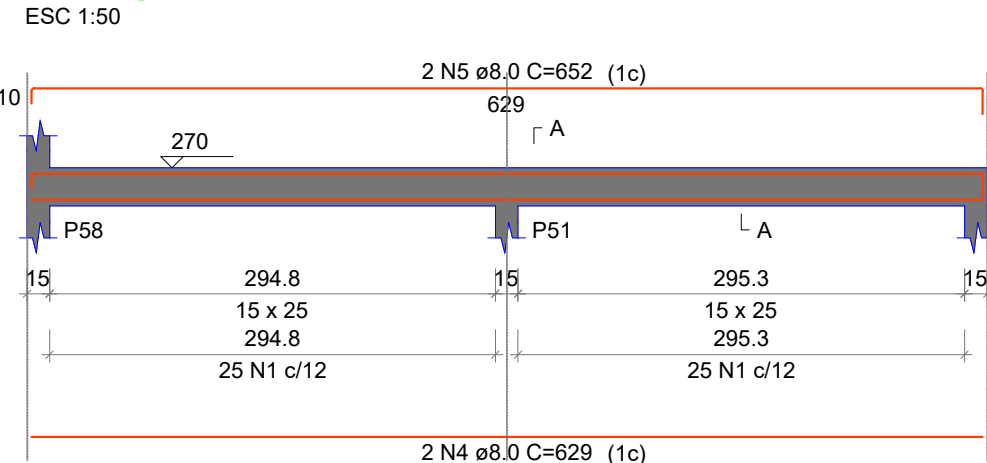
Volume de concreto (C-25) = 2.96 m³
Área de forma = 51.73 m²

VIGAS - Nível 854,70

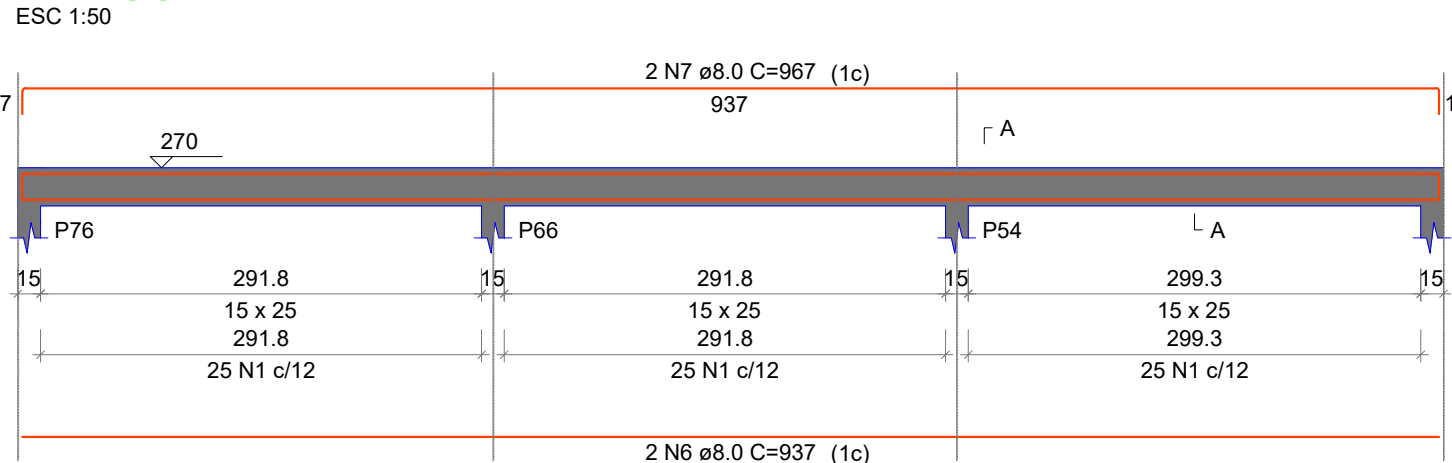
V1101



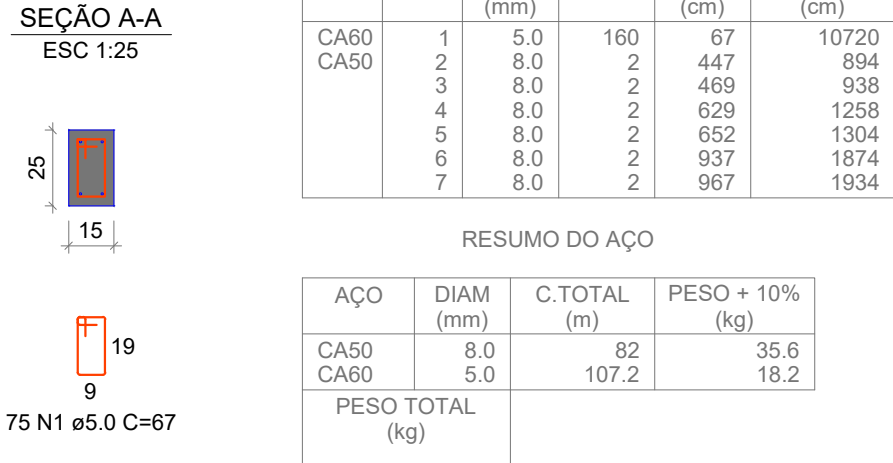
V1102



V1103



V1104



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1101	1	5.0	160	67	10720
V1102	2	8.0	2	447	894
V1103	3	8.0	2	469	938
V1104	4	8.0	2	629	1258
V1105	5	8.0	2	652	1304
V1106	6	8.0	2	937	1874
V1107	7	8.0	2	967	1934

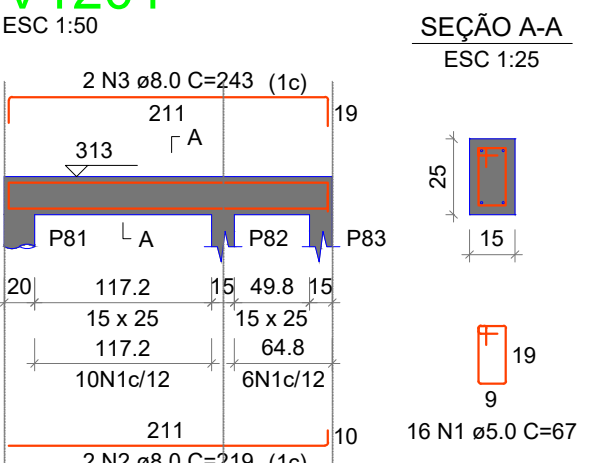
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	82	35.6
CA60	5.0	107.2	18.2
PESO TOTAL (kg)			
CA50	35.6		
CA60	18.2		

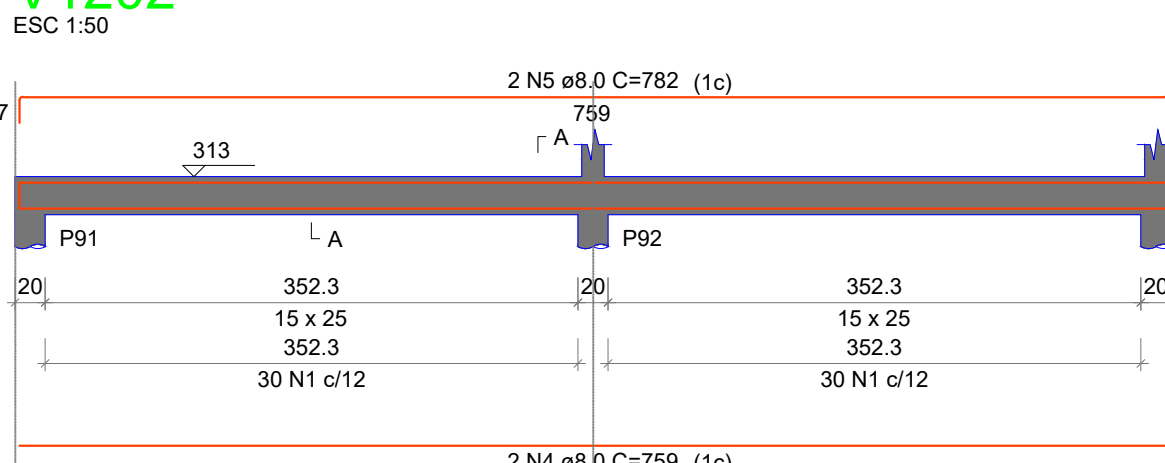
Volume de concreto (C-25) = 0.70 m³
Área de forma = 12.17 m²

VIGAS - Nível 855,13

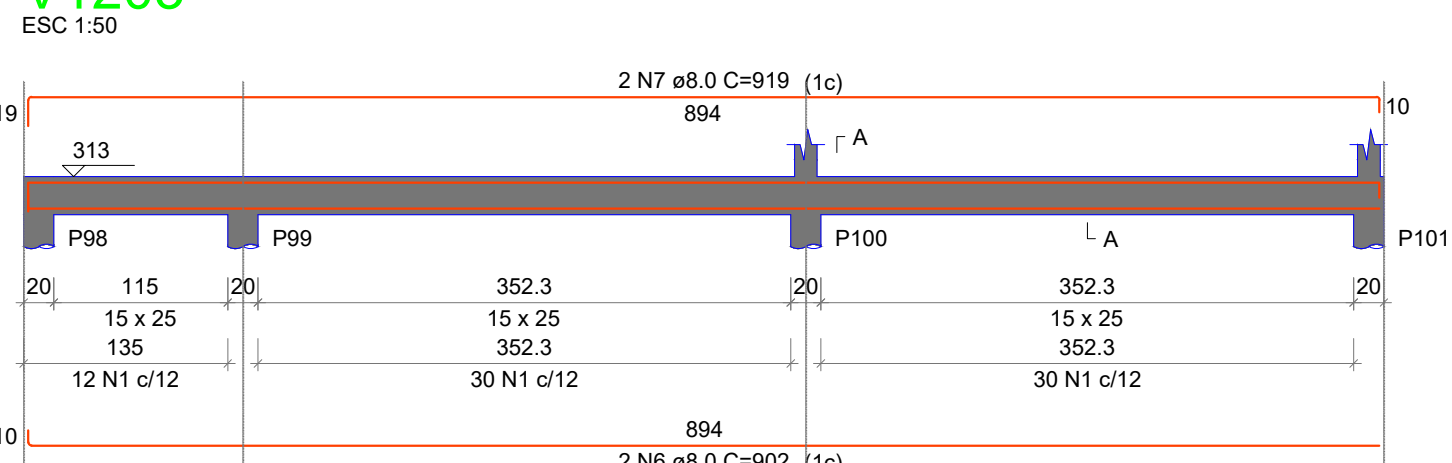
V1201



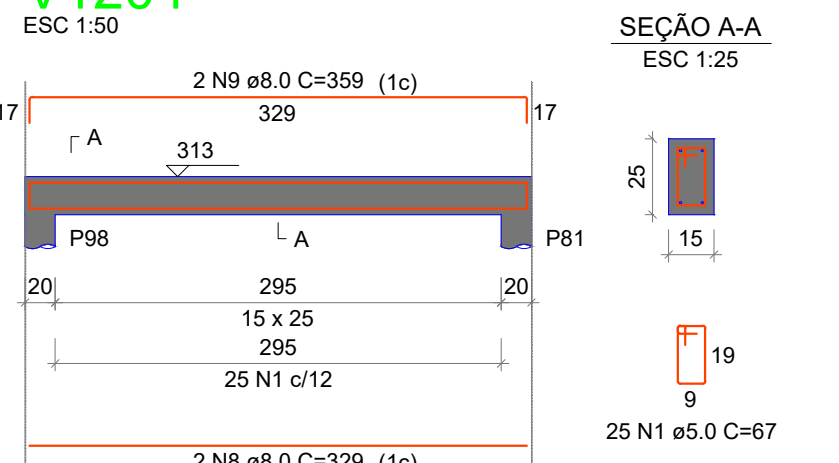
V1202



V1203



V1204



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1201	1	5.0	247	67	16549
V1202	2	8.0	2	219	438
V1203	3	8.0	2	243	486
V1204	4	8.0	2	759	1518
V1205	5	8.0	2	782	1564
V1206	6	8.0	2	902	1804
V1207	7	8.0	2	919	1838
V1208	8	8.0	2	329	658
V1209	9	8.0	2	359	718
V1210	10	8.0	2	327	654
V1211	11	8.0	2	357	714
V1212	12	8.0	2	624	1248
V1213	13	8.0	2	654	1308

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	129.5	56.2
CA60	5.0	165.5	28.1
PESO TOTAL (kg)			
CA50	56.2		
CA60	28.1		

Volume de concreto (C-25) = 1.12 m³
Área de forma = 19.41 m²

RESUMO DO AÇO DE TODAS AS VIGAS DA PRAÇA

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	1850.5	803.2
CA60	10.0	37.6	25.5
CA60	5.0	2358.6	399.9
PESO TOTAL (kg)			
CA50	828.7		
CA60	399.9		

Volume de concreto (C-25) = 16.25 m³
Área de forma = 282.19 m²

Observações:
O resumo do aço de todas as vigas da praça tem como objetivo facilitar o cálculo quantitativo, considerando que a praça possui vários níveis de vigas separados. Cada quantitativo está detalhado em uma planilha específica, organizada por nível.

AMURES



ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO SERRANA

PREFEITURA MUNICIPAL DE BOCÁINA DO SUL - SC

08/10

ASSESSORIA TÉCNICA

OBRA:

PRAÇA DO LOTEAMENTO

Projeto Estrutural

Detalhamento das vigas 3/4

Área Total: 1026,16 m²

Localização: Rua Projetada - Prolongamento da Rua Pedro Feldhaus ; Centro ; 88538-000 ; s/n°

PROJETO: Matheus Lorenzetti Casagrande Eng. Civil - CREA 165793-1

PREFEITO: João Eduardo Della Justina

DESENHO: Matheus Lorenzetti Casagrande

ART: 9746080-1

Escala: Indicada

DATA: 03/2025