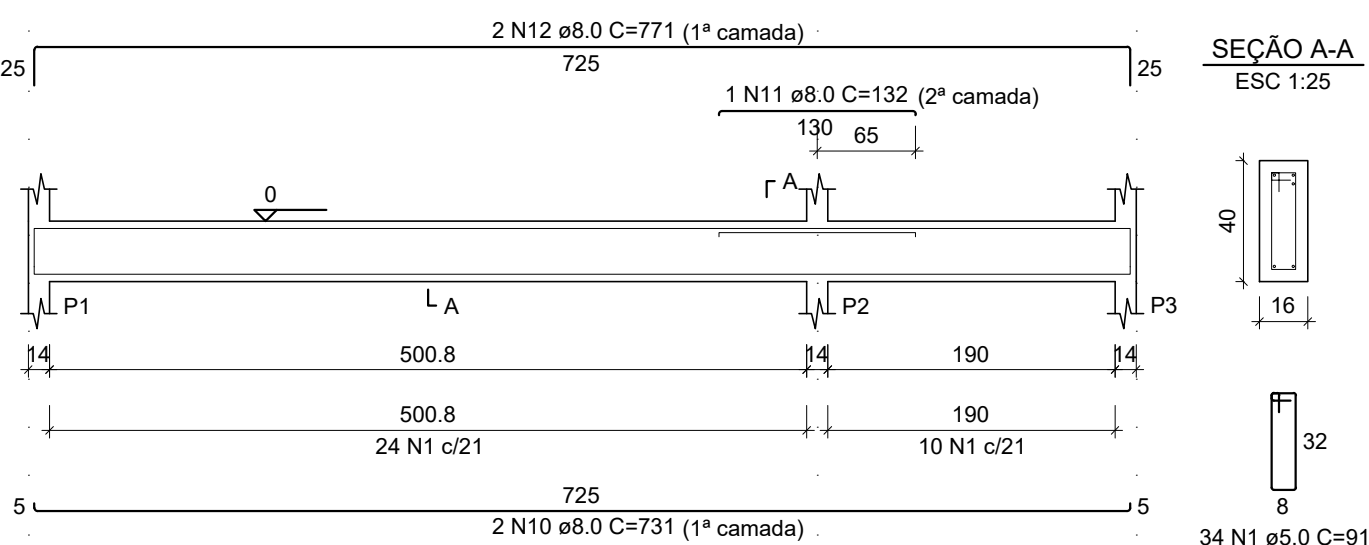
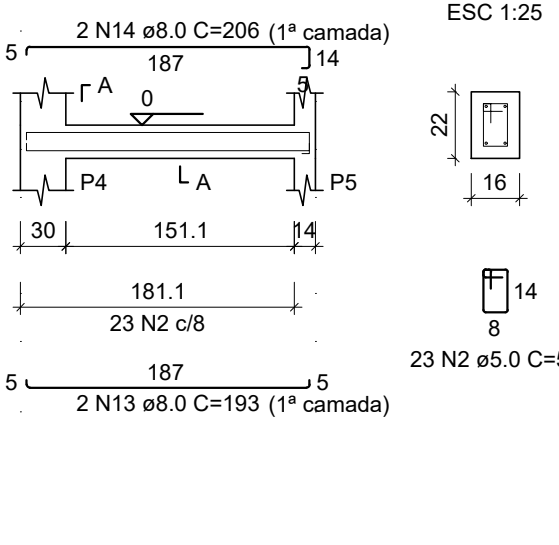


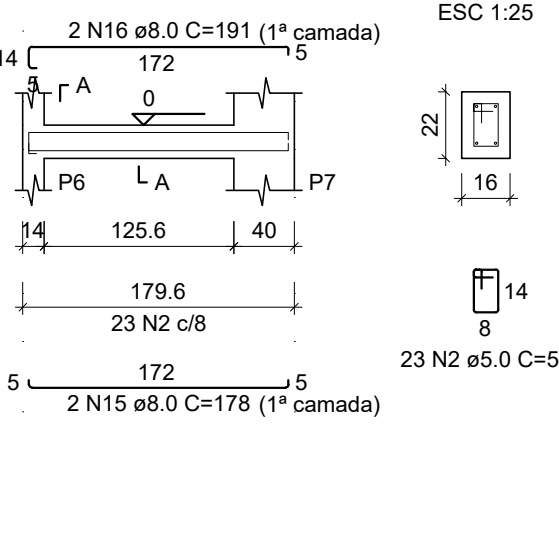
V1
ESC 1:50



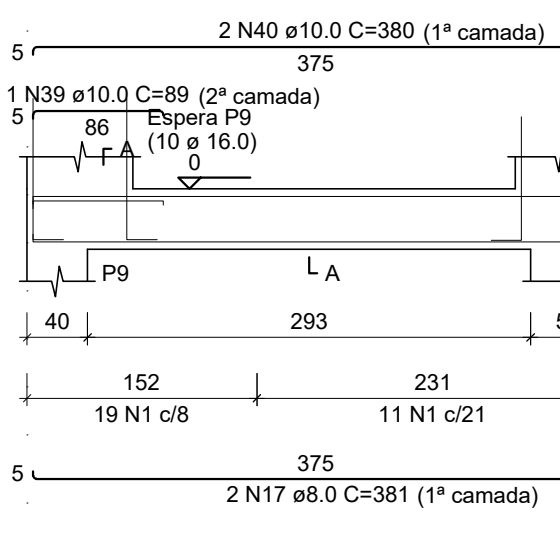
V2
ESC 1:50



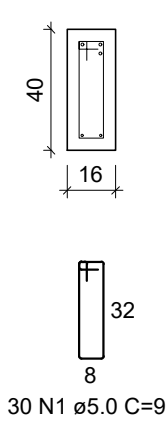
V3
ESC 1:50



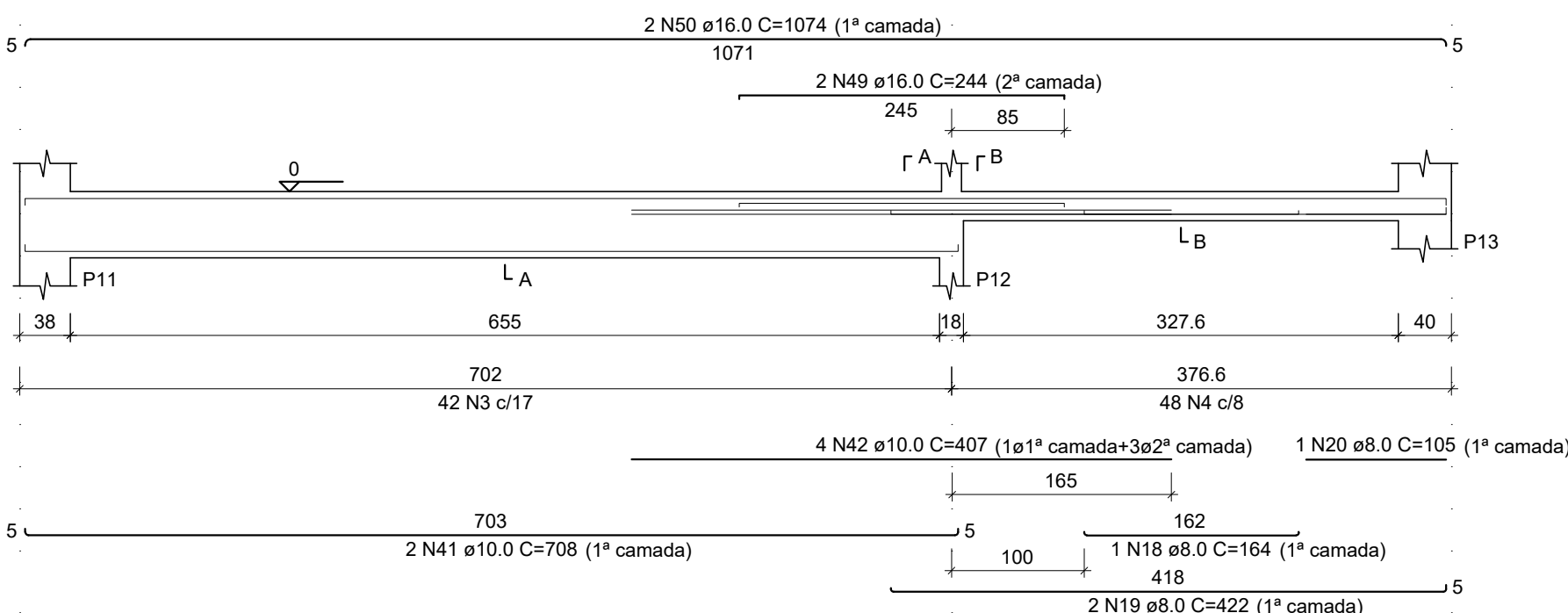
V4
ESC 1:50



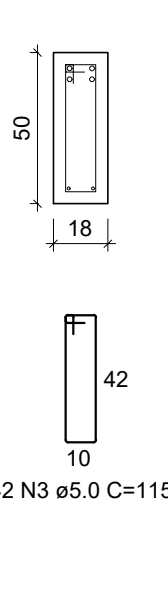
SEÇÃO A-A
ESC 1:25



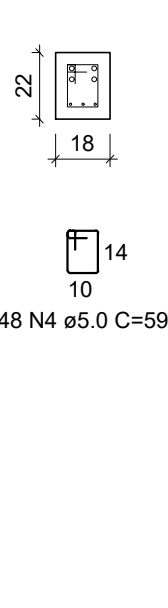
V5
ESC 1:50



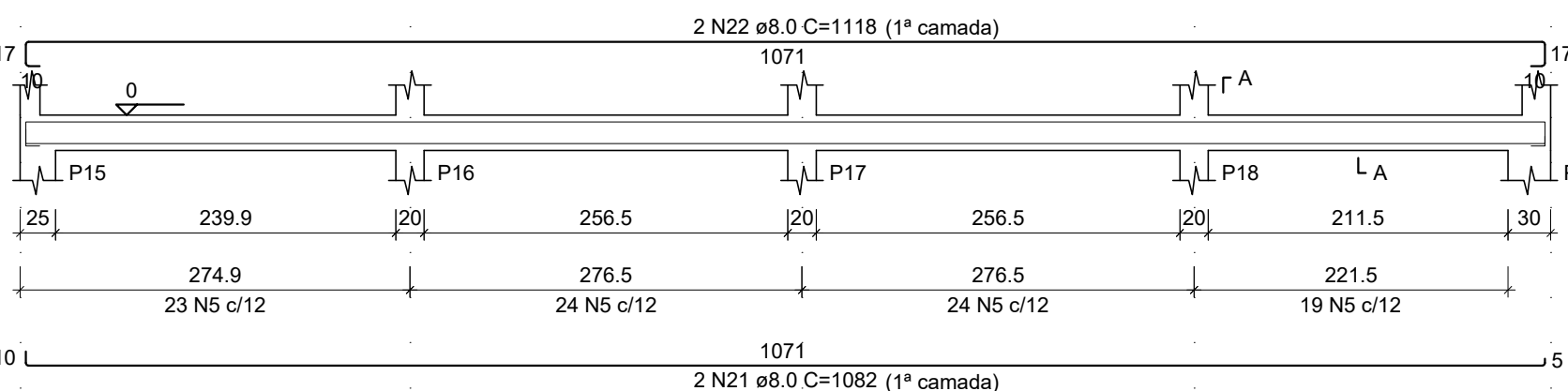
SEÇÃO A-A
ESC 1:25



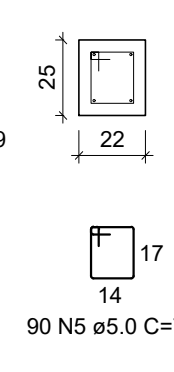
SEÇÃO B-B
ESC 1:25



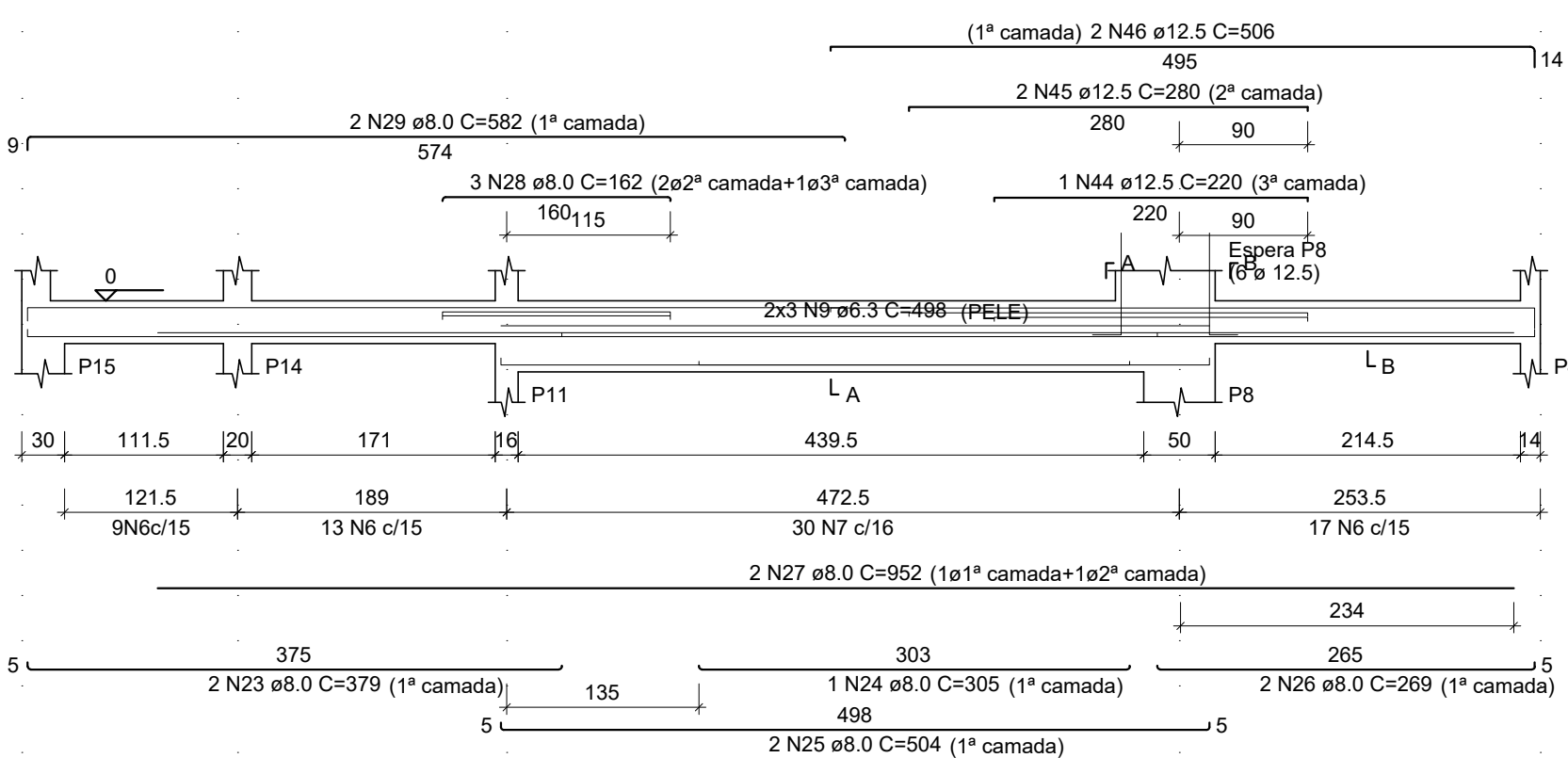
V6
ESC 1:50



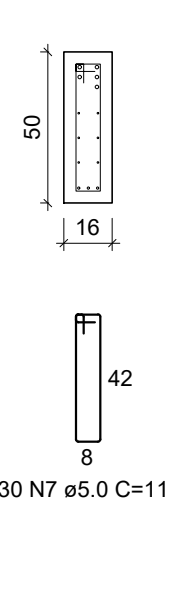
SEÇÃO A-A
ESC 1:25



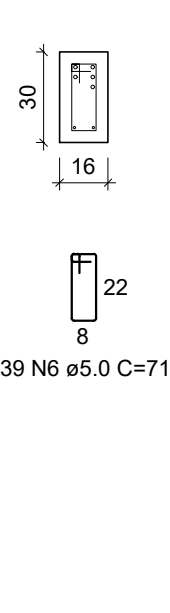
V7
ESC 1:50



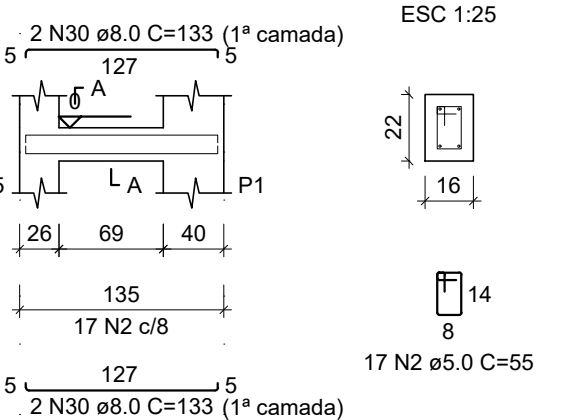
SEÇÃO A-A
ESC 1:25



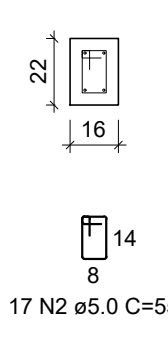
SEÇÃO B-B
ESC 1:25



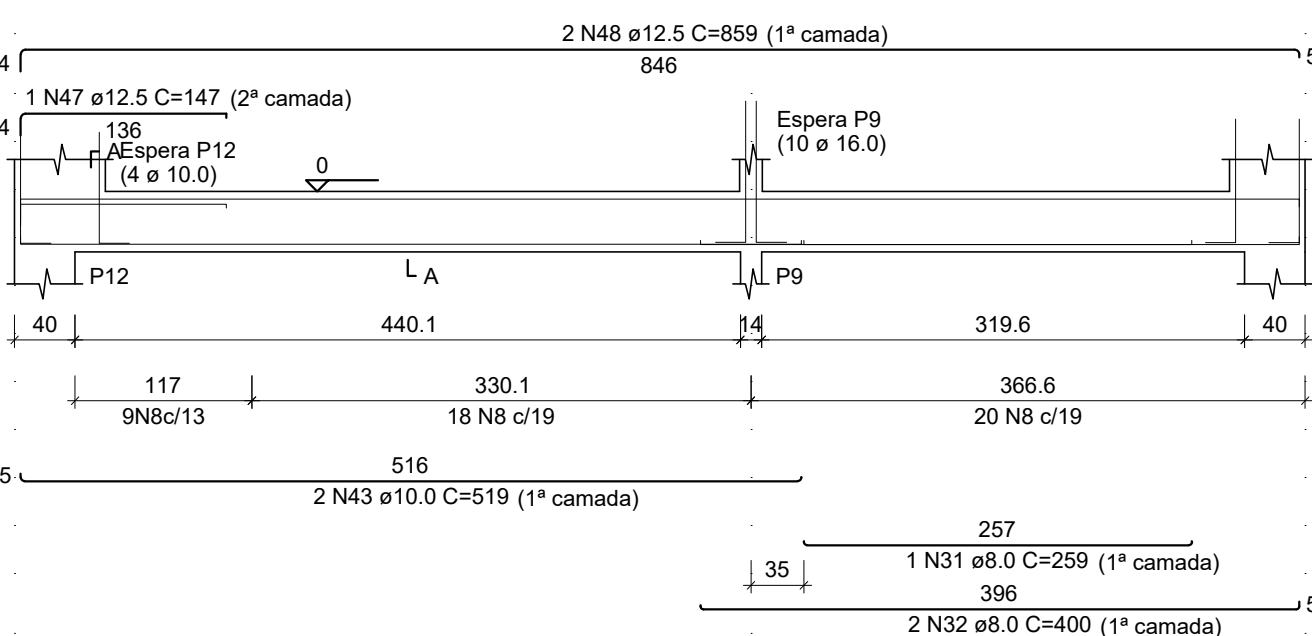
V8
ESC 1:50



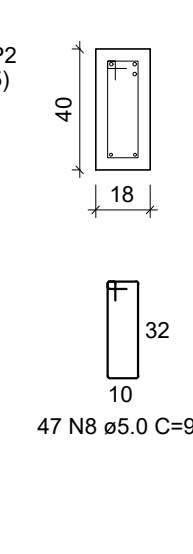
SEÇÃO A-A
ESC 1:25



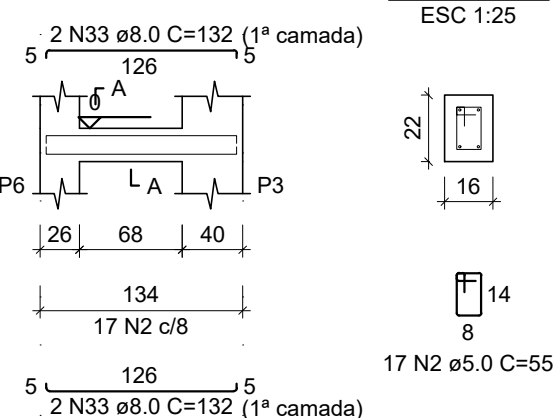
V9
ESC 1:50



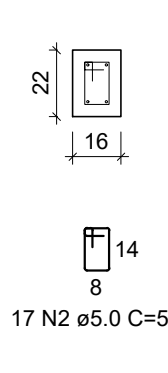
SEÇÃO A-A
ESC 1:25



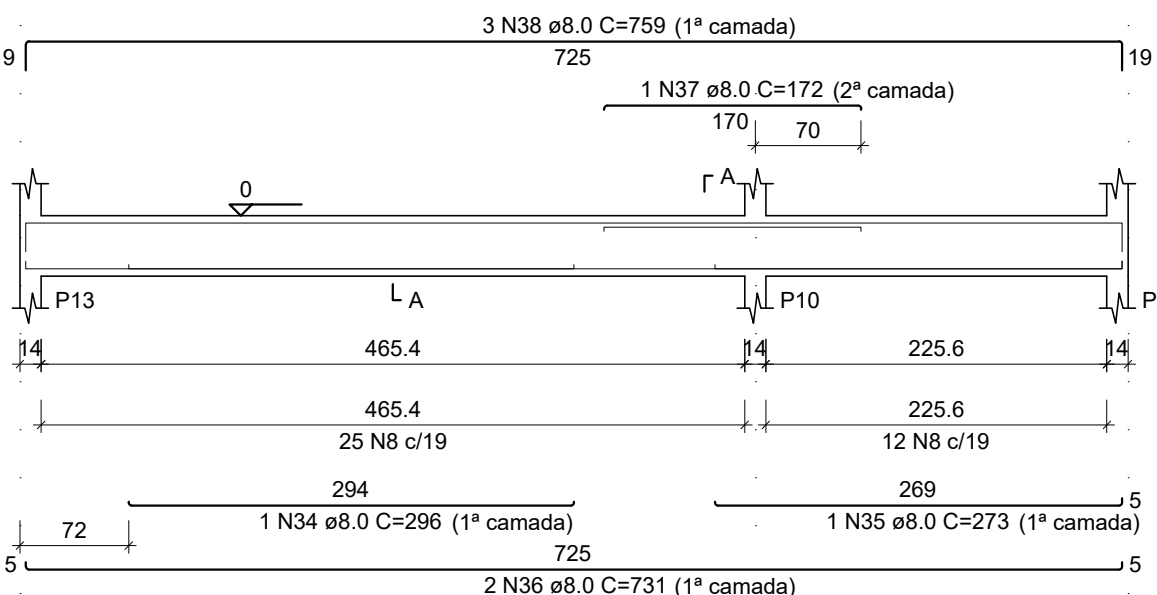
V10
ESC 1:50



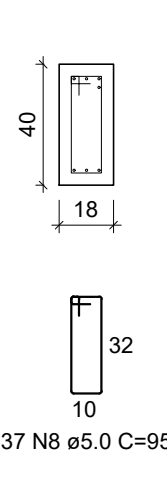
SEÇÃO A-A
ESC 1:25



V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	64	91	5824
	2	5.0	80	65	4400
	3	5.0	42	115	4830
	4	5.0	48	59	2832
	5	5.0	90	73	6570
	6	5.0	39	71	2769
	7	5.0	30	111	3330
	8	5.0	84	95	7980
	9	6.3	6	498	2888
	10	8.0	2	731	1462
CA50	11	8.0	1	132	132
	12	8.0	2	771	1542
	13	8.0	2	193	386
	14	8.0	2	206	412
	15	8.0	2	178	356
	16	8.0	2	191	382
	17	8.0	2	381	762
	18	8.0	1	164	164
	19	8.0	2	422	844
	20	8.0	1	105	105
	21	8.0	2	1082	2164
	22	8.0	2	1118	2236
	23	8.0	2	379	758
	24	8.0	1	305	305
	25	8.0	2	504	1008
	26	8.0	2	269	538
	27	8.0	2	952	1904
	28	8.0	3	162	486
	29	8.0	2	582	1164
	30	8.0	4	133	532
	31	8.0	1	259	259
	32	8.0	2	400	800
	33	8.0	4	132	528
	34	8.0	1	296	296
	35	8.0	1	273	273
	36	8.0	2	731	1462
	37	8.0	1	172	172
	38	8.0	3	759	2277
	39	10.0	1	89	89
	40	10.0	2	380	760
	41	10.0	2	709	1418
	42	10.0	4	407	1628
	43	10.0	2	519	1038
	44	12.5	1	220	220
	45	12.5	2	280	560
	46	12.5	2	506	1012
	47	12.5	1	147	147
	48	12.5	2	859	1718
	49	16.0	2	244	488
	50	16.0	2	1074	2148

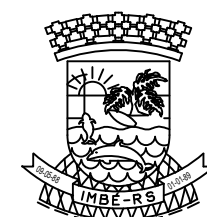
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	29.9	8
	8.0	237.1	102.9
	10.0	49.3	33.4
	12.5	36.6	38.8
	16.0	26.4	45.8
CA60	5.0	385.4	65.3
PESO TOTAL (kg)			
CA50		228.9	
CA60		65.3	

Volume de concreto (C-30) = 3.96 m³
Área de forma = 56.16 m²

EQUIPE TÉCNICA DO DEPLAN:

ASAFE BONISONI FAGUNDES - ENGENHEIRO CIVIL - CREA 216663
CARLA VOLPATTO - ARQUITETA E URBANISTA - CAU 4226360-2
FABIANA KENIA DE ARAÚJO - ARQUITETA E URBANISTA - CAU 481788-0
JESUN RICOTTO CARREGGIANI - ARQUITETO E URBANISTA - CAU 480310-4
MARIA OLIVEIRA - ARQUITETA E URBANISTA - CAU 47121-5
PEDRO NUNES SANT'ANNA - CREA 50119976-1
RENATO TREVISAN DUARTE - ENGENHEIRO CIVIL - CREA 57182-0



ESTADO DO RIO GRANDE DO SUL
PREFEITURA MUNICIPAL DE IMBÉ
AVENIDA PARAGUASSU, 1043 - CENTRO - CEP 95.625-000 - IMBÉ - RS
FONE: 51 3627.2655 - FAX: 51 3627.8200

OBRA:
EME VÓ ROSA
PROJETO ESTRUTURAL AMPLIAÇÃO
ENDEREÇO: RUA MACHADO DE ASSIS, 96 - BARRIO NOVA LUCRECIE - IMBÉ/RS

ADMINISTRAÇÃO
2021/2024

SECRETARIA MUNICIPAL
DE FINANÇAS E PLANEJAMENTO
ESTRATÉGICO

DEPLAN

deplan@imbe.rs.gov.br

MARIA DAS GRAÇAS S. DE MATOS
SECRETARIA MUNICIPAL DE FINANÇAS E PLANEJAMENTO ESTRATÉGICO
PORTARIA 999/2024

ASAFE BONISONI FAGUNDES
ENGENHEIRO CIVIL
CREA RS- 216663
PORTARIA 296/2018

CARLA PORTAL VOLPATTO
ARQUITETA E URBANISTA
CAU 4226360-2
PORTARIA 1.238/2022

PROJETO: BALDRAME
ESTRUTURA DA SALA DE AULA A AMPLIAR

DESENHO: ABF

ESCALA: 1/50

DATA: ABR/2024

AREA: 146,39m²

PRANCHA:

ES04