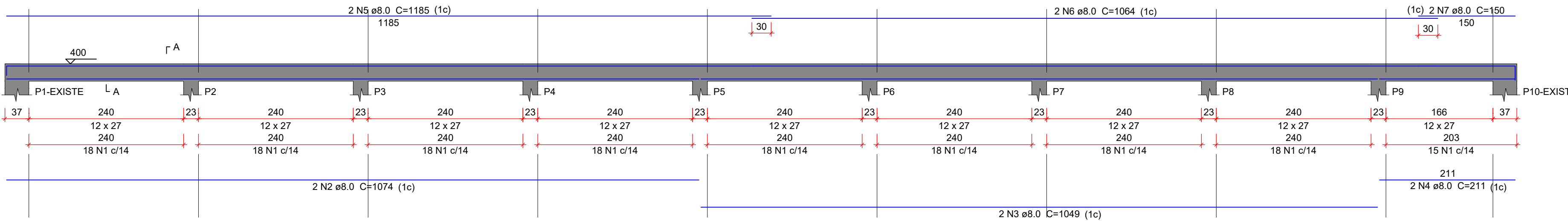


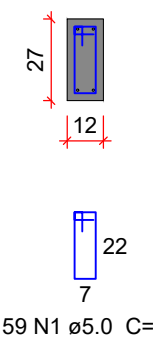
V201

ESC 1:50



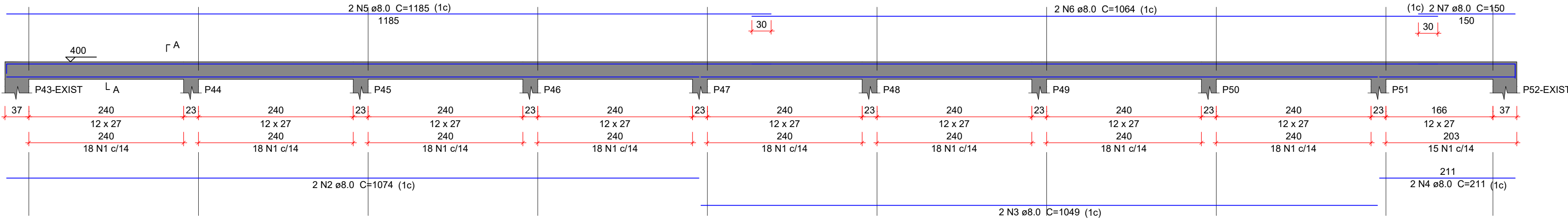
SEÇÃO A-A

ESC 1:25



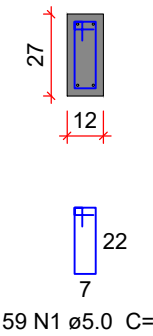
V202

ESC 1:50



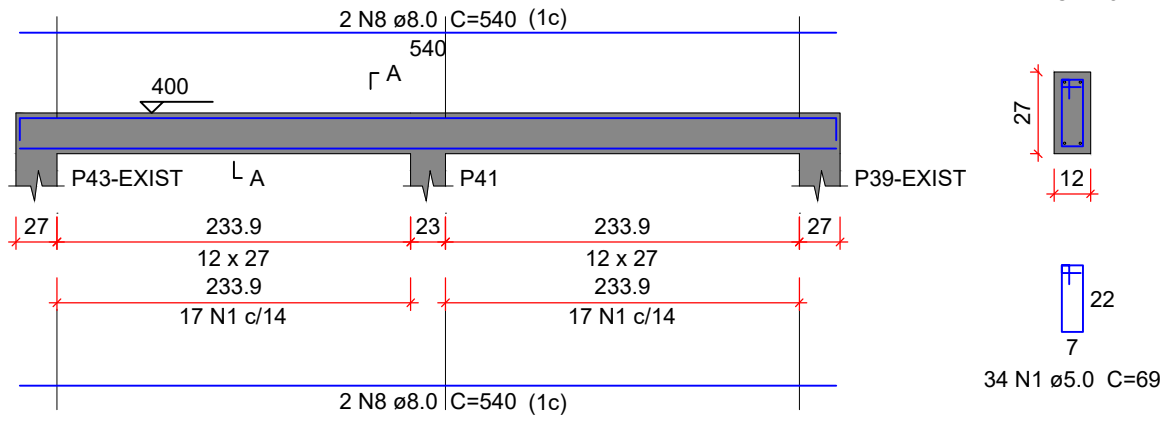
SEÇÃO A-A

ESC 1:25



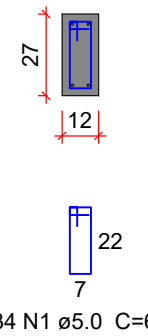
V203

ESC 1:50



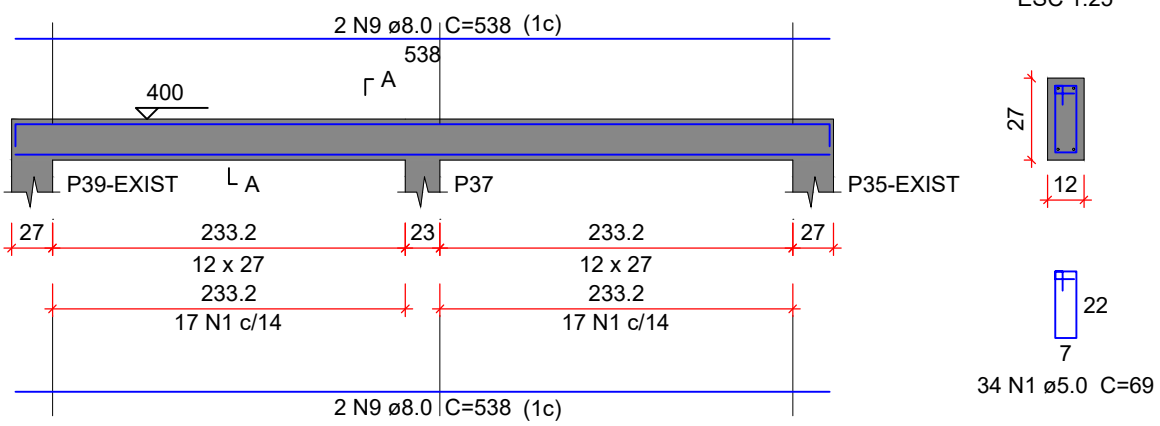
SEÇÃO A-A

ESC 1:25



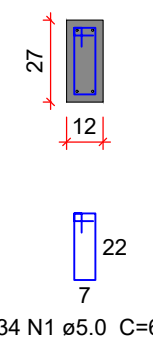
V204

ESC 1:50



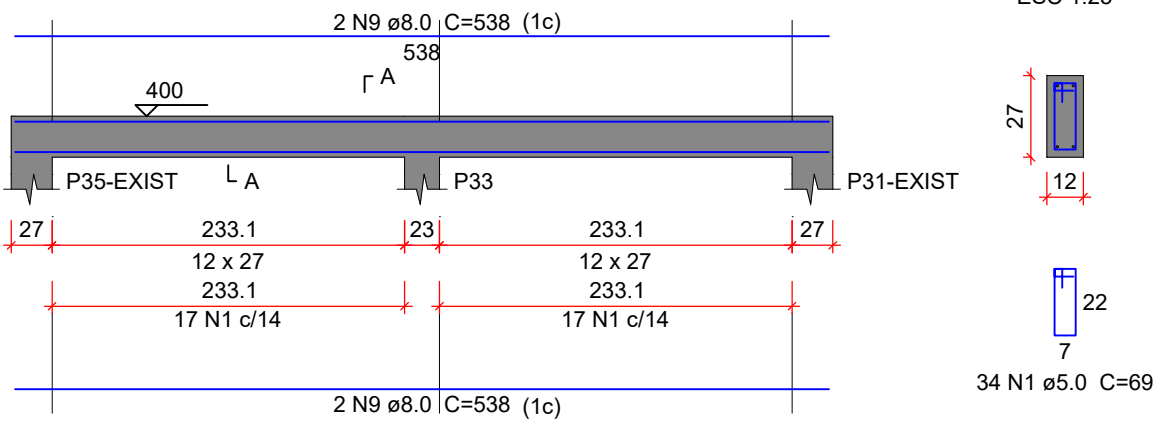
SEÇÃO A-A

ESC 1:25



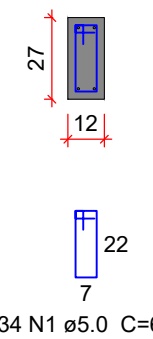
V205

ESC 1:50



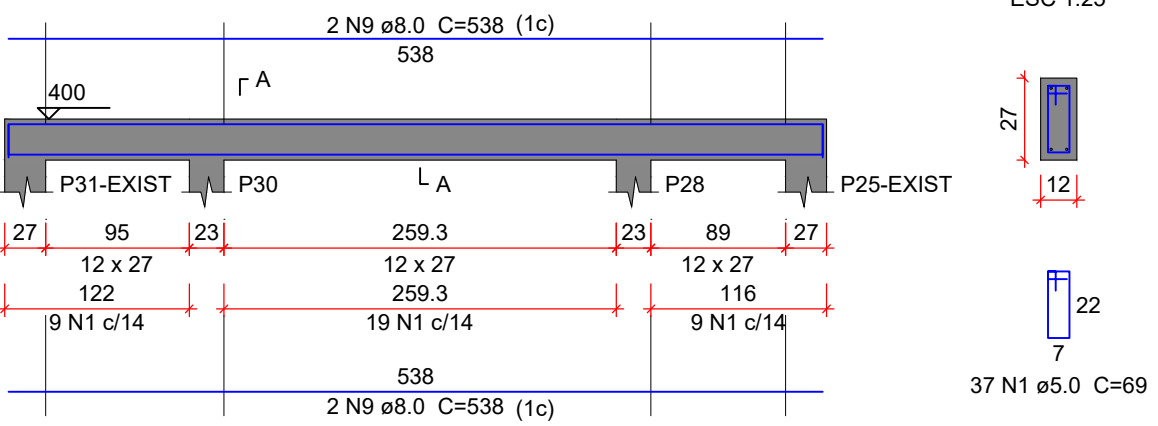
SEÇÃO A-A

ESC 1:25



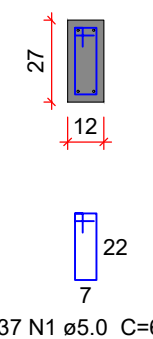
V207

ESC 1:50



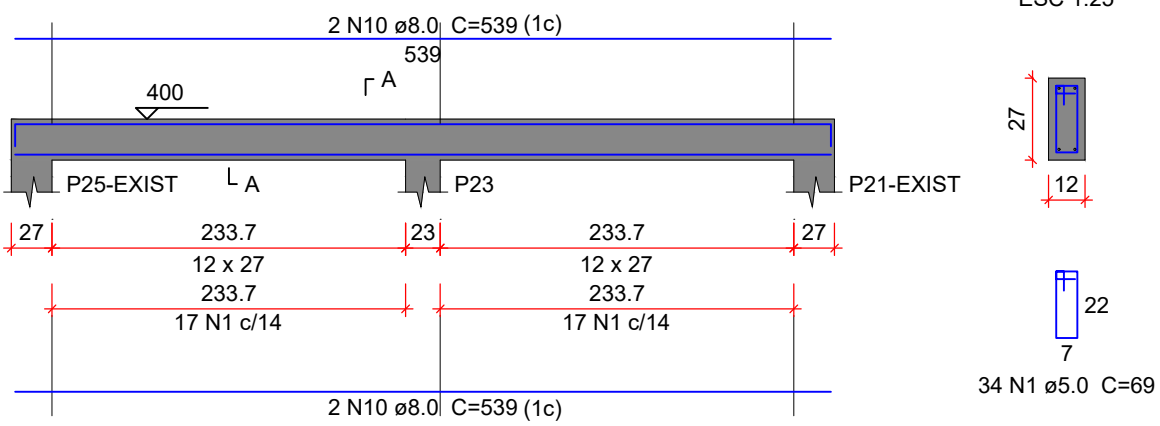
SEÇÃO A-A

ESC 1:25



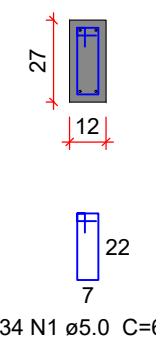
V208

ESC 1:50



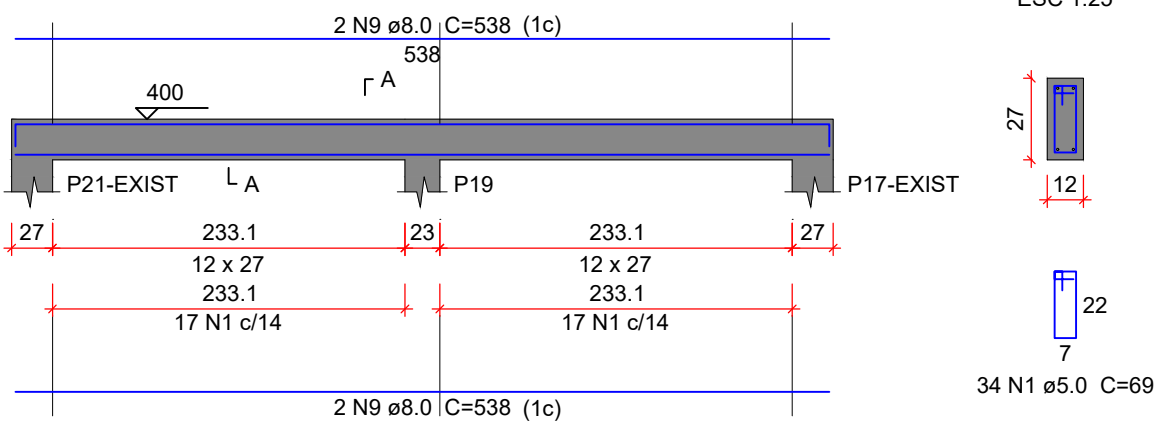
SEÇÃO A-A

ESC 1:25



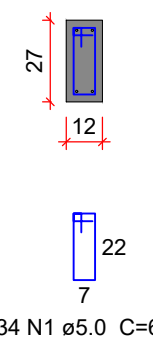
V209

ESC 1:50



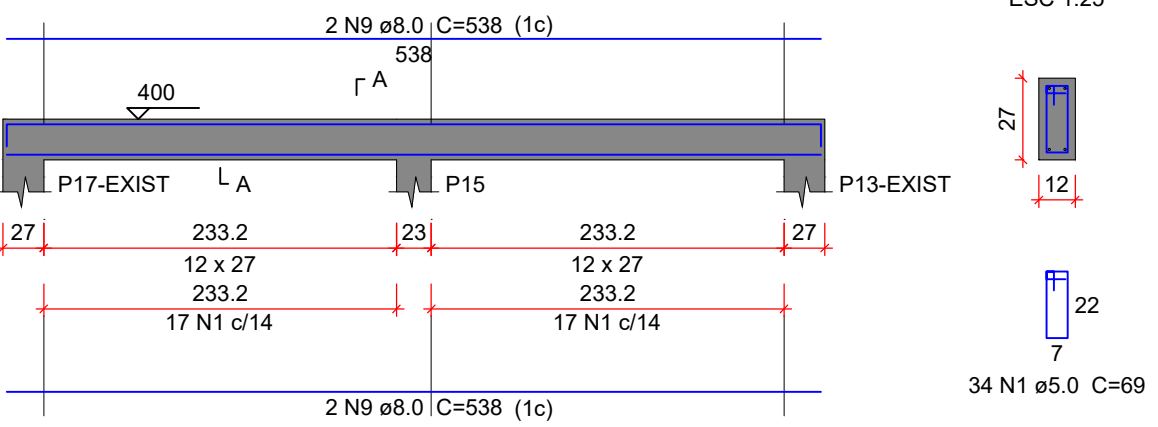
SEÇÃO A-A

ESC 1:25



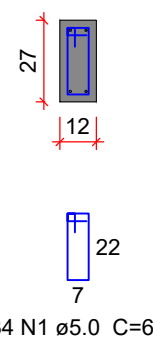
V210

ESC 1:50



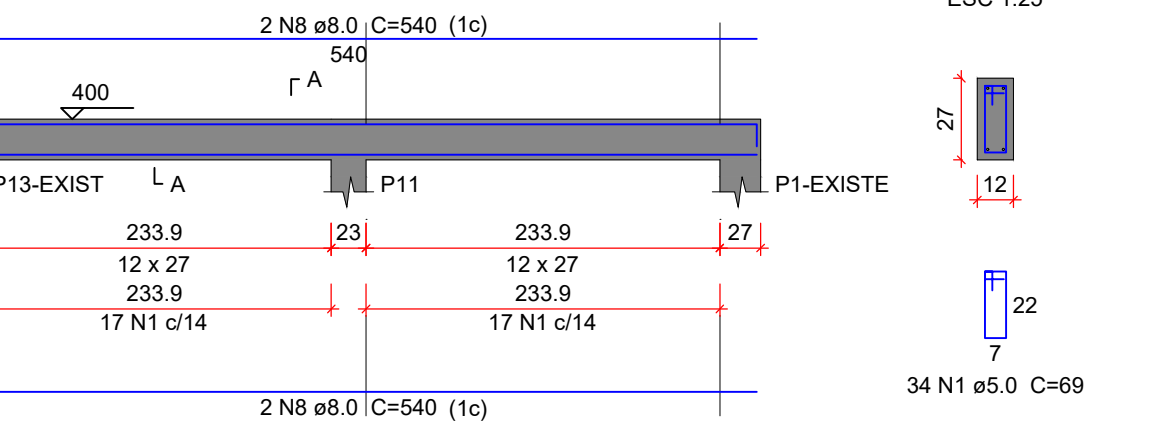
SEÇÃO A-A

ESC 1:25



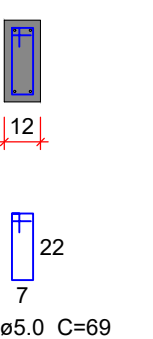
V211

ESC 1:50



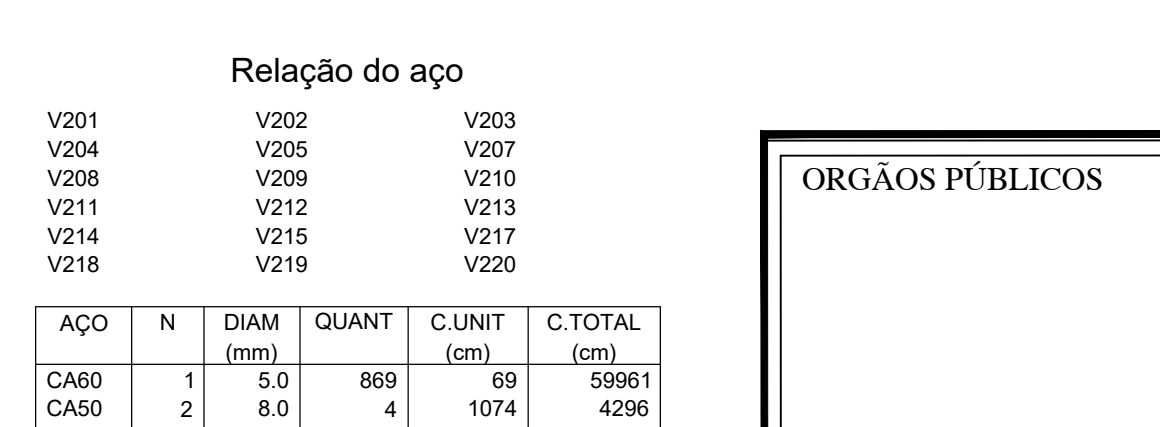
SEÇÃO A-A

ESC 1:25



V212

ESC 1:50



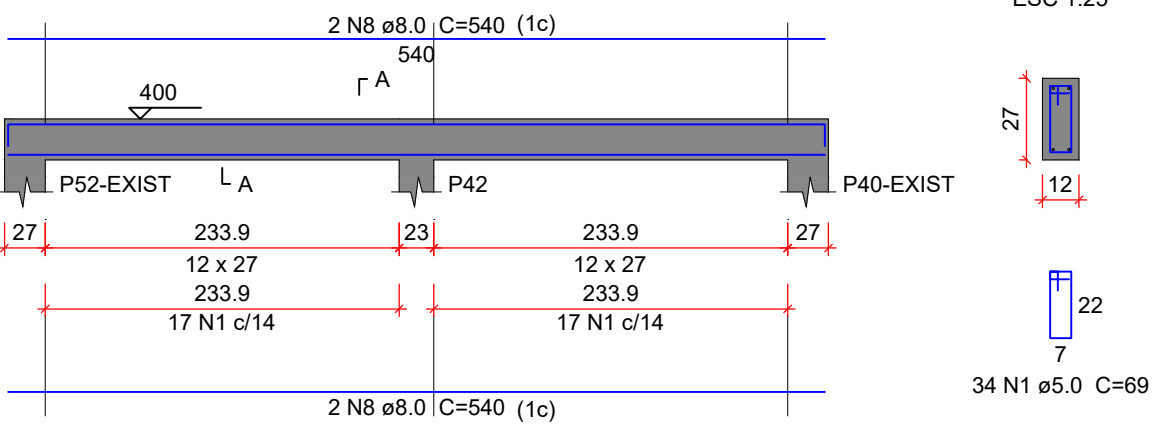
SEÇÃO A-A

ESC 1:25



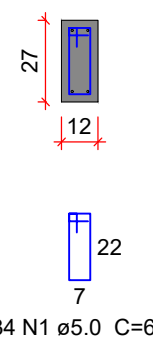
V215

ESC 1:50



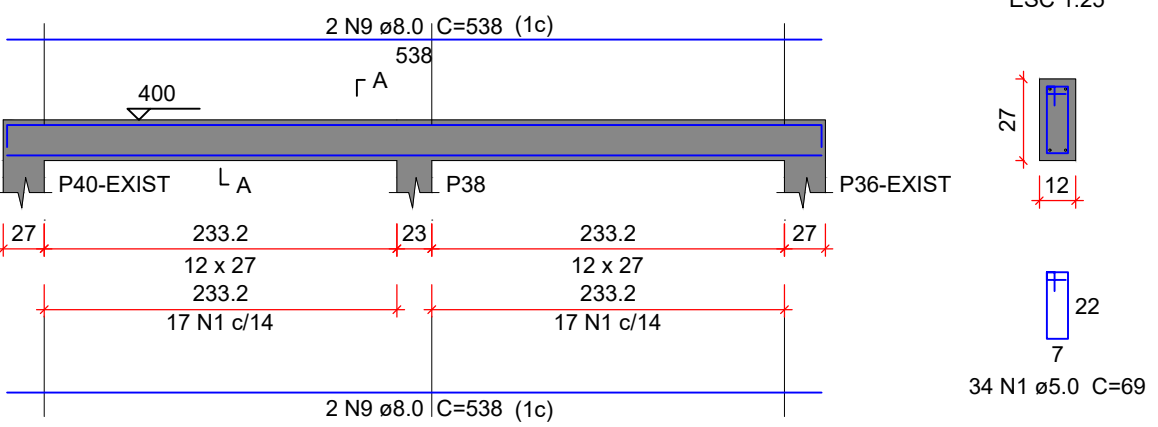
SEÇÃO A-A

ESC 1:25



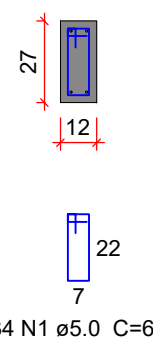
V217

ESC 1:50



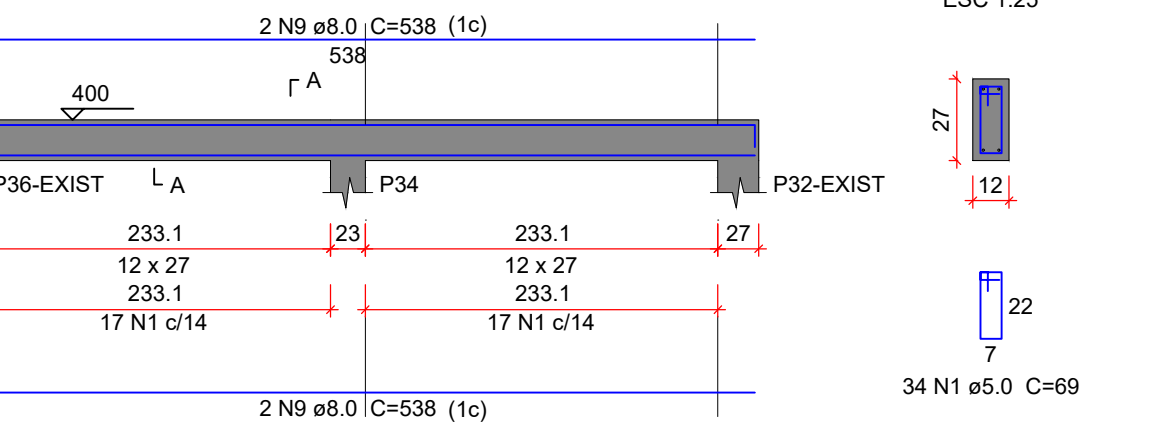
SEÇÃO A-A

ESC 1:25



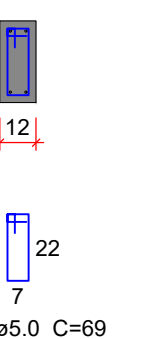
V218

ESC 1:50



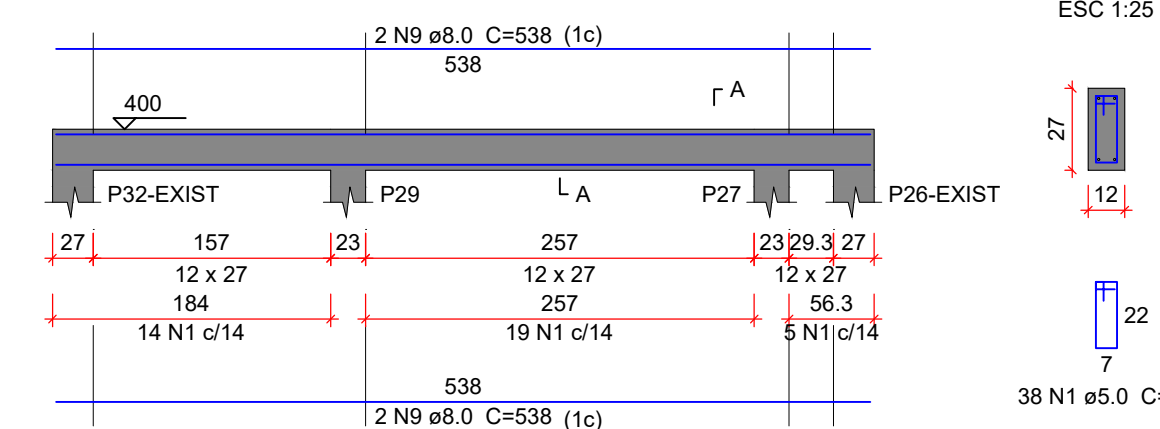
SEÇÃO A-A

ESC 1:25



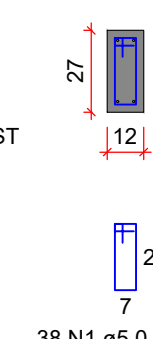
V219

ESC 1:50



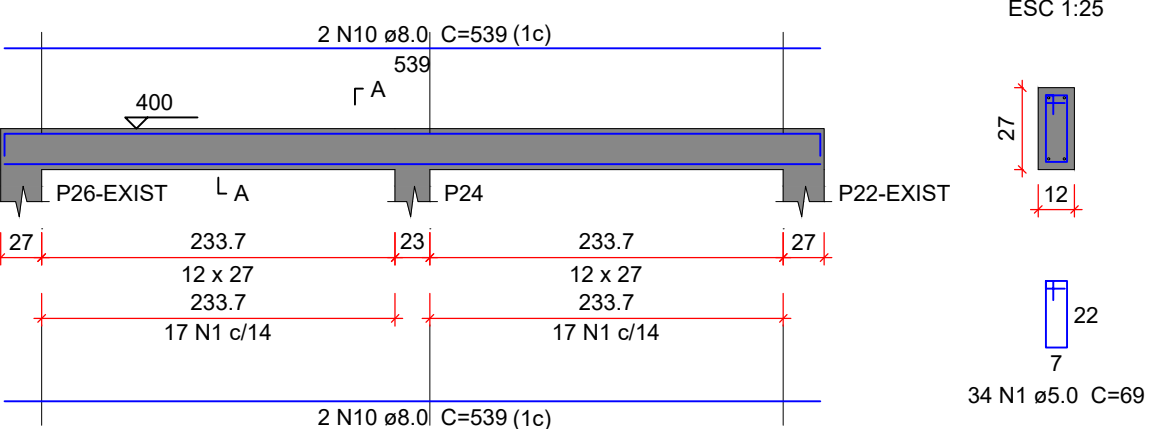
SEÇÃO A-A

ESC 1:25



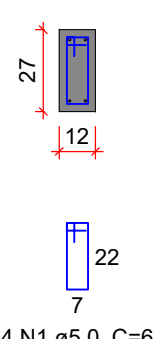
V220

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	869	69	59961
CA50	2	8.0	4	1074	4296
	3	8.0	4	1049	4196
	4	8.0	4	211	844
	5	8.0	4	1185	4740
	6	8.0	4	1064	4256
	7	8.0	4	150	600
	8	8.0	16	540	8640
	9	8.0	40	538	21520
	10	8.0	8	539	4312

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	534.1	231.8
CA60	5.0	599.7	101.7
PESO TOTAL (kg)			
CA50	231.8		
CA60	101.7		

Volume de concreto (C-25) = 3.76 m³
Área de forma = 76.52 m²

ORGÃOS PÚBLICOS

PROJETO ESTRUTURAL

TIPO DE EMPREENDIMENTO

PÚBLICO

DATA

JAN/2026

CONTEÚDO

ARMAÇÃO VIGAS TOPO

PRANCHA

03/03



PREFEITURA DO MUNICÍPIO DE MERCEDES

DEPARTAMENTO DE ENGENHARIA

RUA DR. OSVALDO CRUZ, 555 CEP 85998-000 MERCEDES-PR FONE: (45) 3256-8045

PROJETO:

ENG. CIVIL CRISTIAN COMIN

EXECUÇÃO:

PROPRIETÁRIO:

MUNICÍPIO DE MERCEDES

CNPJ: 95.719.373/0001-23

OBRA: FECHAMENTO DE QUADRA POLIESPORTIVA

LOCAL: RUA MARECHAL CASTELO BRANCO/ Q. A13/ DIST. DE ARROIO GUAÇU / MERCEDES - PR

PROPRIETÁRIO: MUNICÍPIO DE MERCEDES