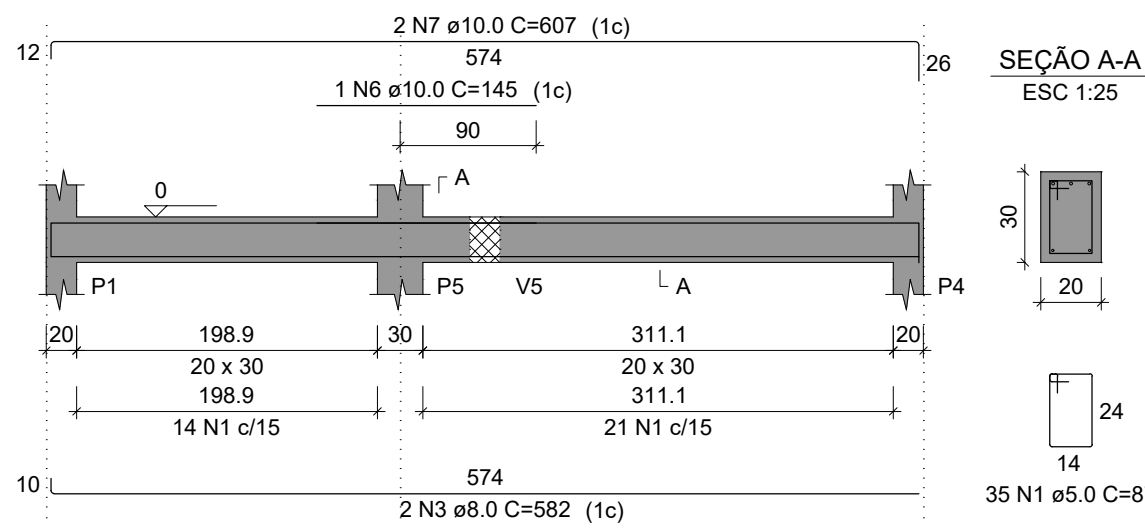


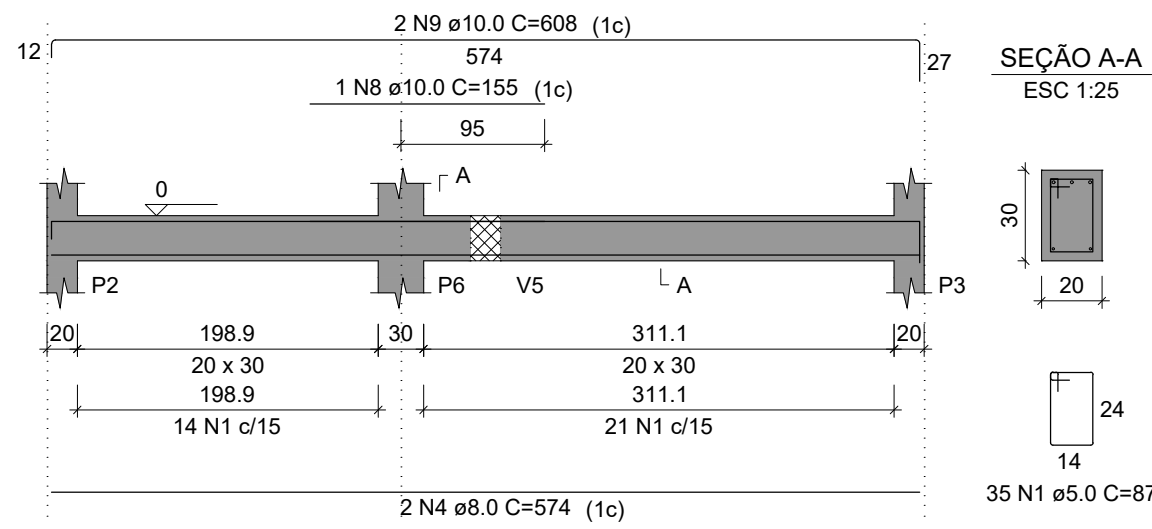
V101

ESC 1:50



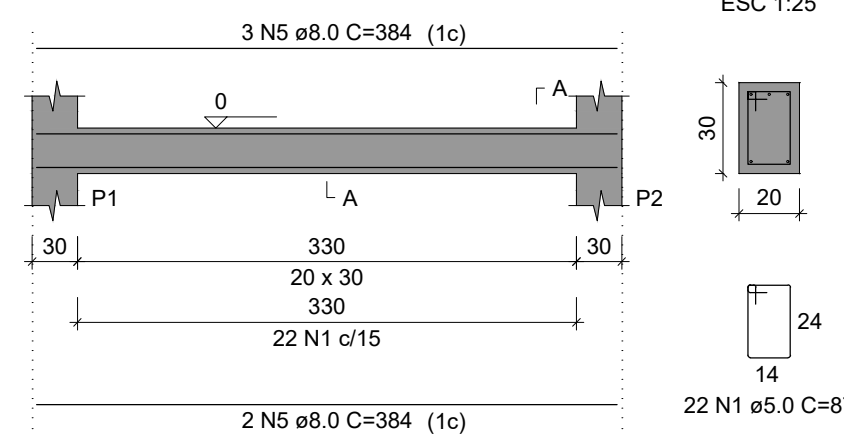
V102

ESC 1:50



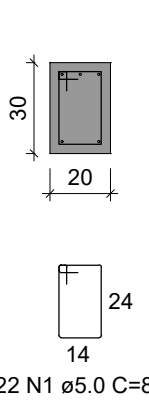
V103

ESC 1:50



SEÇÃO A-A

ESC 1:25

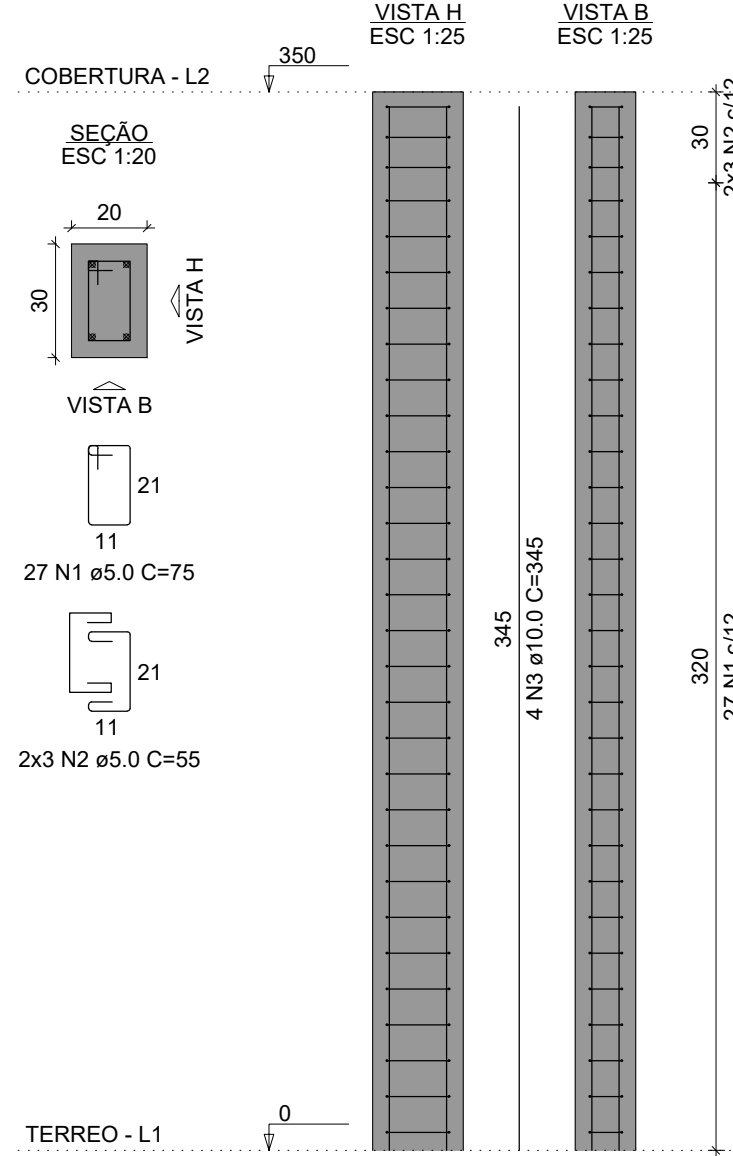


RELAÇÃO DO AÇO				
AÇO	N	DIAM (mm)	QUANT	C.TOTAL (cm)
CA60	1	5.0	138	87
CA50	2	5.0	2	384
	3	8.0	2	582
	4	8.0	2	574
	5	8.0	10	384
	6	10.0	1	145
	7	10.0	2	607
	8	10.0	1	155
	9	10.0	2	608
	10	10.0	1	260
	11	10.0	2	384

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	61.5	24.3
CA60	10.0	37.6	23.2
	5.0	127.7	19.7
PESO TOTAL (kg)			
CA50		47.4	
CA60		19.7	

Volume de concreto (C-30) = 1.23 m³
Área de forma = 18.64 m²

P1=P2=P3=P4=P5=P6



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	162	75	12150
CA50	2	5.0	36	55	1980
	3	10.0	24	345	8280

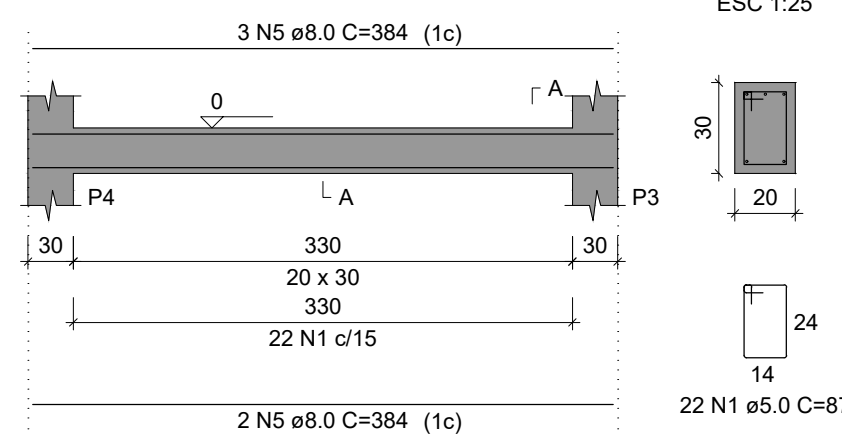
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	82.8	51
CA60	5.0	141.3	21.8
PESO TOTAL (kg)			
CA50		51	
CA60		21.8	

Volume de concreto (C-30) = 1.26 m³
Área de forma = 21.00 m²

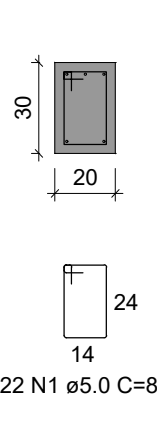
V104

ESC 1:50



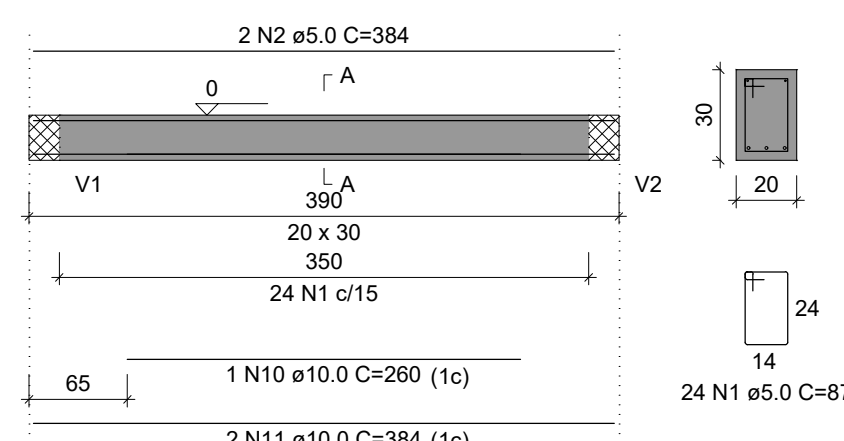
SEÇÃO A-A

ESC 1:25



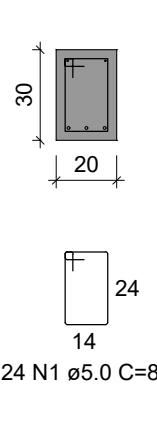
V105

ESC 1:50



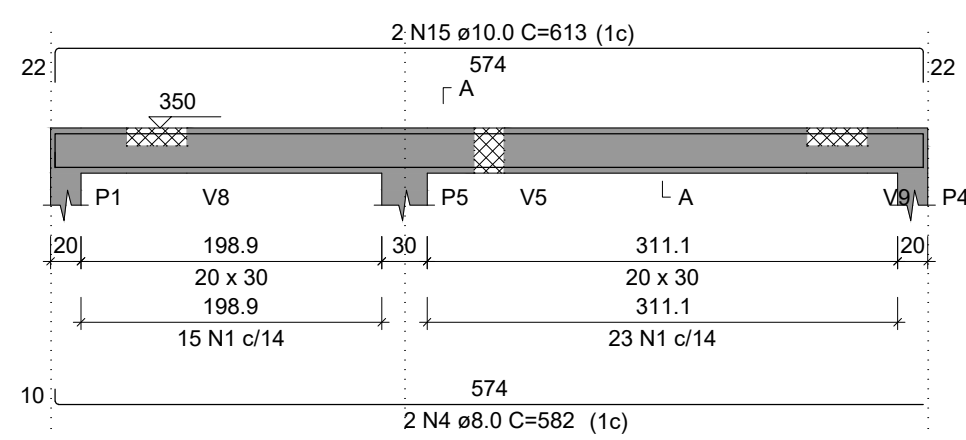
SEÇÃO A-A

ESC 1:25



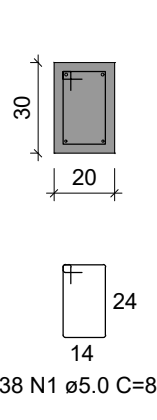
V201

ESC 1:50



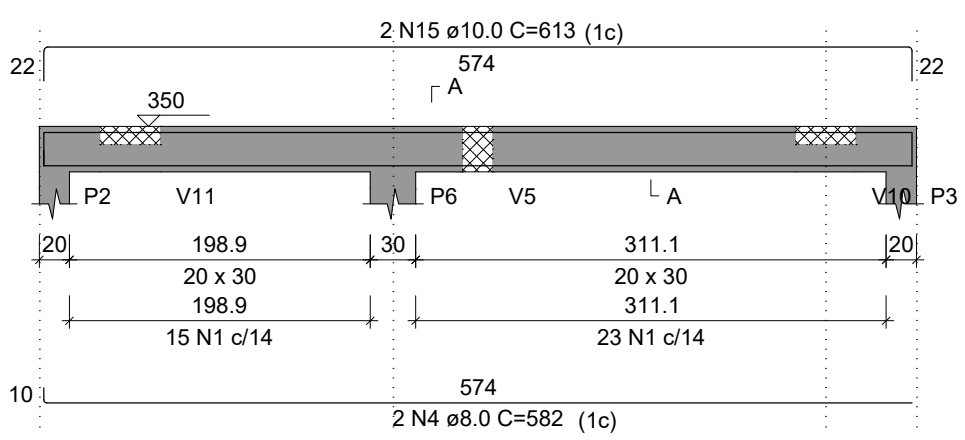
SEÇÃO A-A

ESC 1:25



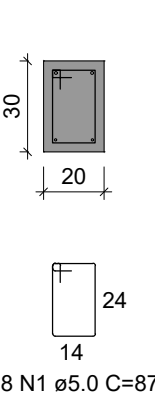
V202

ESC 1:50



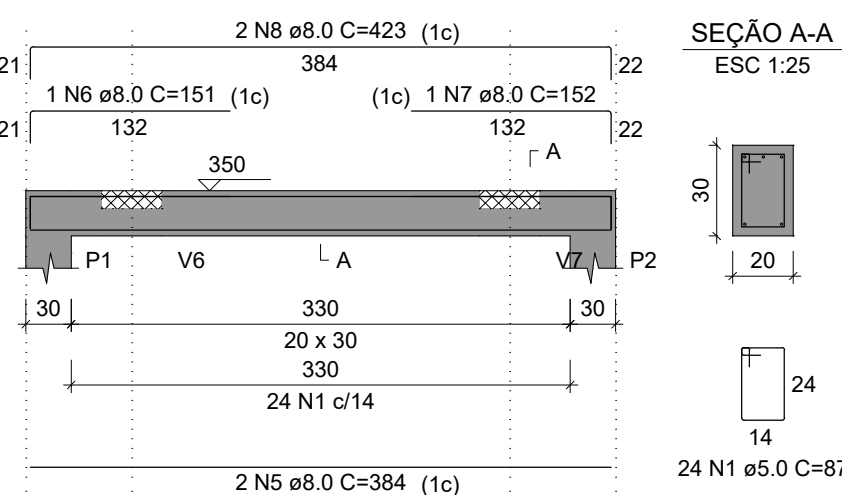
SEÇÃO A-A

ESC 1:25



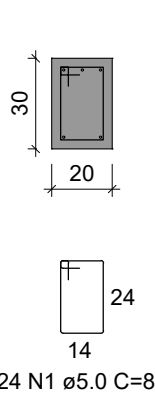
V203

ESC 1:50



SEÇÃO A-A

ESC 1:25



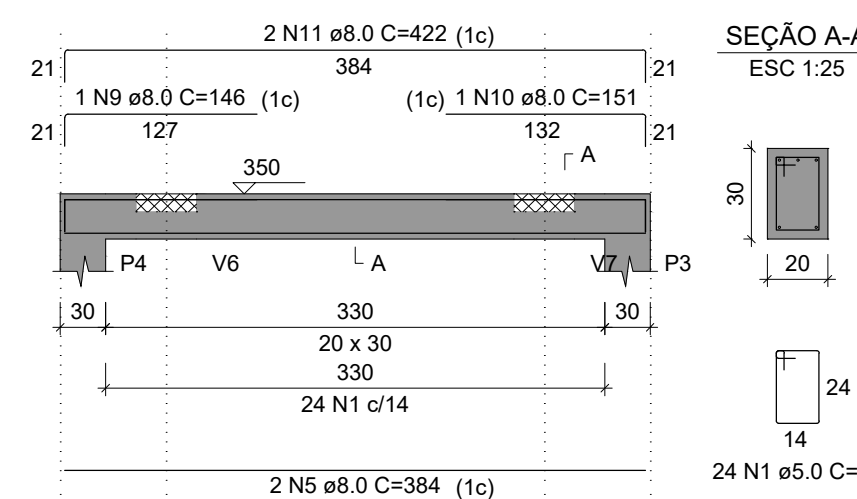
RELAÇÃO DO AÇO				
AÇO	N	DIAM (mm)	QUANT	C.TOTAL (cm)
CA60	1	5.0	148	87
CA50	2	5.0	216	63
	3	6.3	816	64
	4	8.0	4	582
	5	8.0	6	384
	6	8.0	1	151
	7	8.0	1	152
	8	8.0	2	423
	9	8.0	1	146
	10	8.0	1	151
	11	8.0	2	422
	12	8.0	24	702
	13	8.0	42	152
	14	8.0	6	148
	15	10.0	4	613
	16	10.0	2	285
	17	10.0	2	384

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	522.2	127.8
	8.0	310.4	122.5
	10.0	37.9	23.4
CA60	5.0	264.8	40.8
PESO TOTAL (kg)			
CA50		273.6	
CA60		40.8	

Volume de concreto (C-30) = 2.10 m³
Área de forma = 31.44 m²

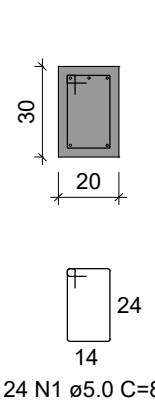
V204

ESC 1:50



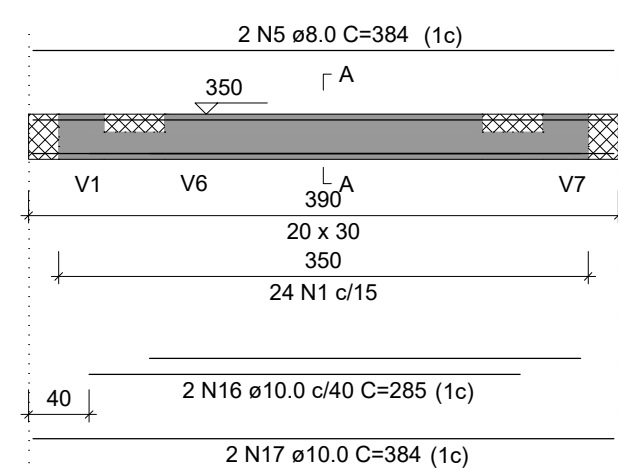
SEÇÃO A-A

ESC 1:25



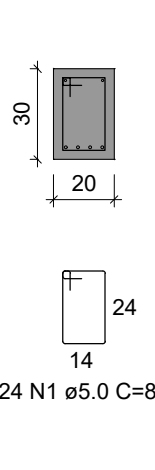
V205

ESC 1:50



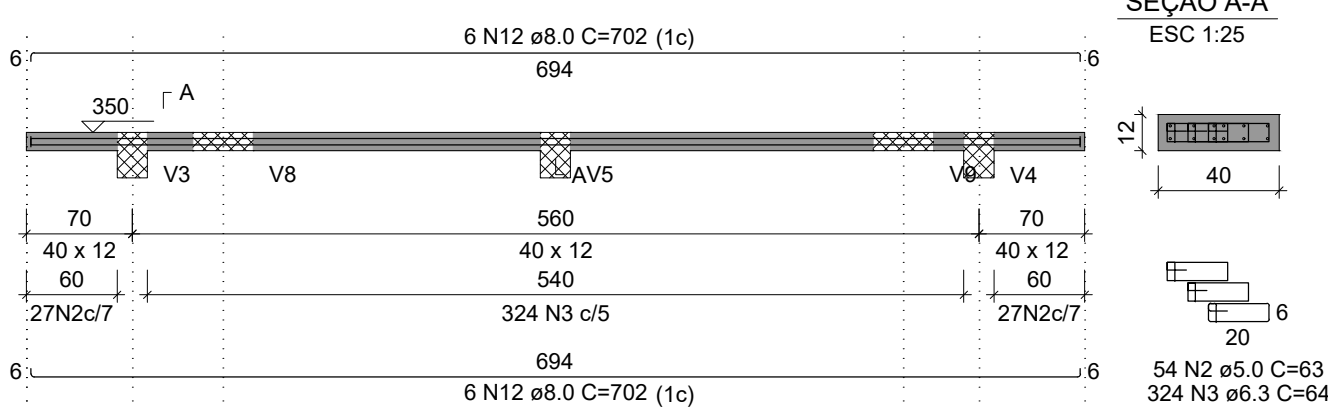
SEÇÃO A-A

ESC 1:25



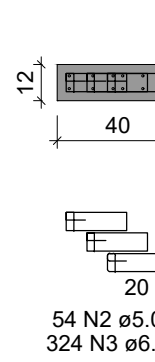
V206

ESC 1:50



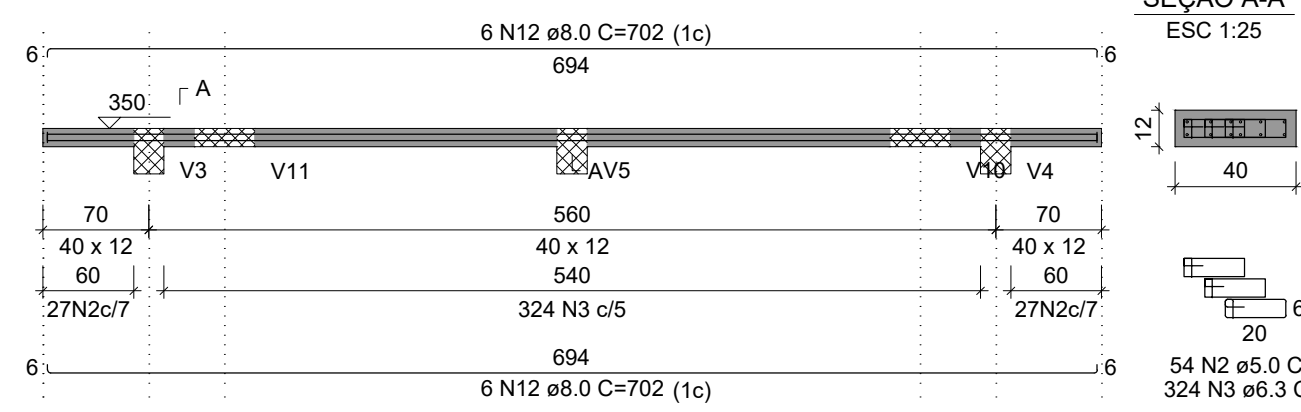
SEÇÃO A-A

ESC 1:25



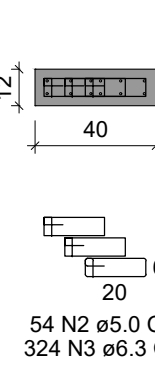
V207

ESC 1:50



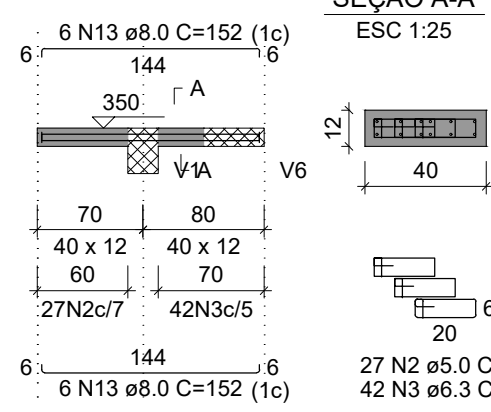
SEÇÃO A-A

ESC 1:25



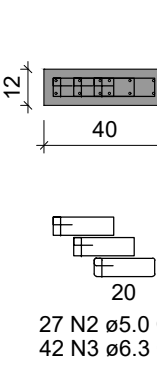
V208

ESC 1:50



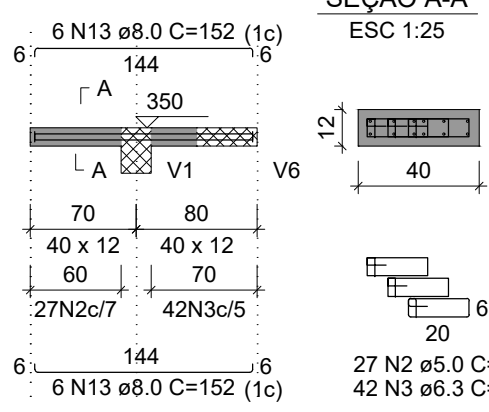
SEÇÃO A-A

ESC 1:25



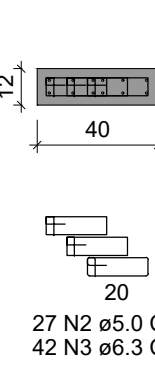
V209

ESC 1:50



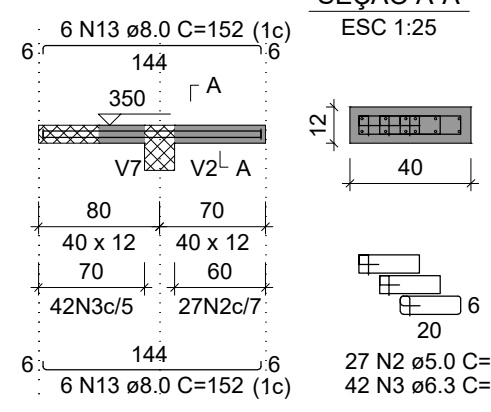
SEÇÃO A-A

ESC 1:25



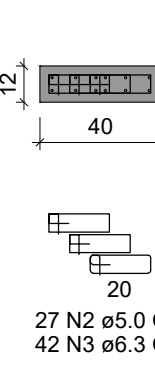
V210

ESC 1:50



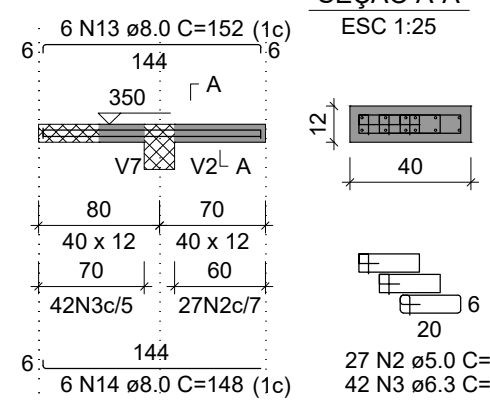
SEÇÃO A-A

ESC 1:25



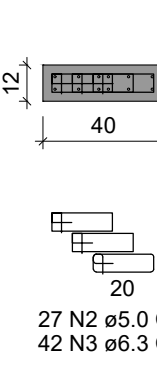
V211

ESC 1:50



SEÇÃO A-A

ESC 1:25



NOTAS:

CLASSE DE AGRESSIVIDADE II
COBRIMENTO DAS ARMADURAS: 30 mm

REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.
1	REVISÃO DA PROFUNDIDADE DA ESTACA	05/07/2022	MCR	MCR
0	EMIÇÃO INICIAL	16/06/2022	MCR	MCR
EMITENTE				
CONSORCIO QUANTA / TETRIS / FLEX			EXEC.	15/06/2022
CONTRATO Nº 006/2022			DES.	15/06/2022
MARCOS CAMARA REBELO - CREA/RJ - 200727911-8			VER.	16/06/2022



SECRETARIA MUNICIPAL DE DESENVOLVIMENTO ECONÔMICO

TÍTULO
COMPLEXO EDUCACIONAL - PALMITAL - SUBESTAÇÃO
PROJETO EXECUTIVO ESTRUTURAL

ARMADURA DE VIGAS E PILARES

LOCAL: ESTRADA LATINO MELO, NO BAIRRO PALMITAL - 2º DISTRITO (BACAXÁ) - SAQUAREMA - RJ

ARQ. ELETRÔNICO
SQ_05012_PALMITAL-SUBESTAÇÃO-PE-EST-ARM-VIGAS-PIL-R01

Nº PD004 - SBP004

ESCALA
INDICADA

DATA
JULHO/2022

PRANZIA
03-05