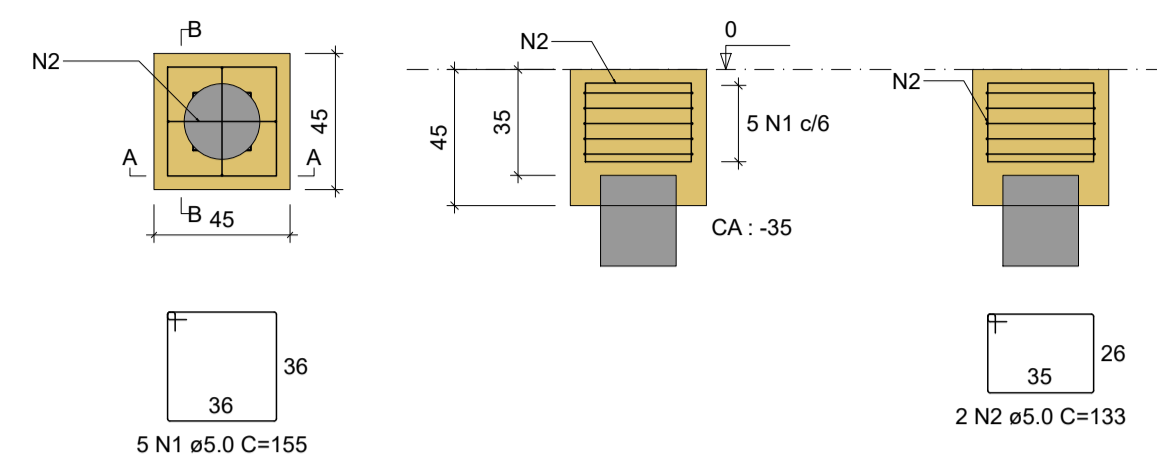
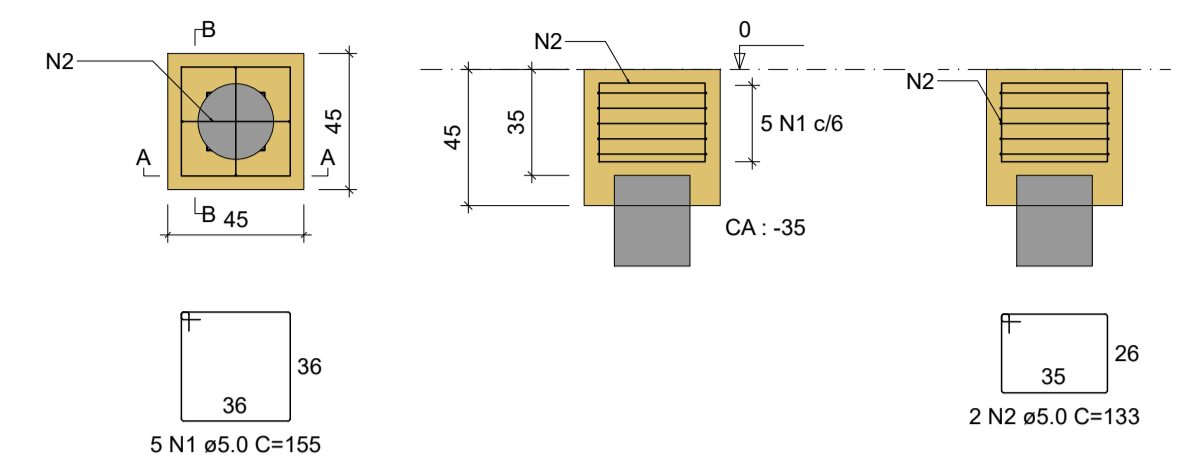


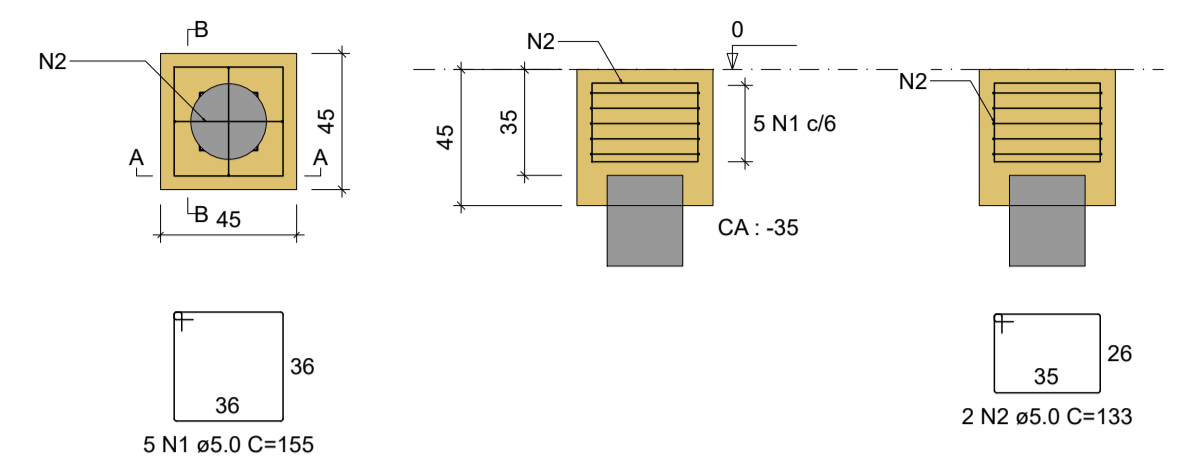
B1
1xD25-C30
PLANTA
ESC 1:25



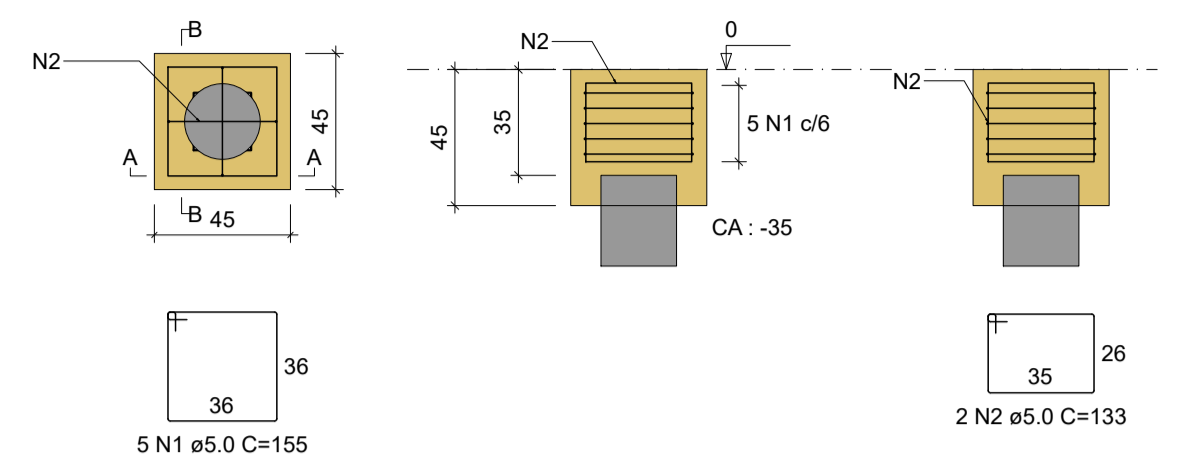
B2
1xD25-C30
PLANTA
ESC 1:25



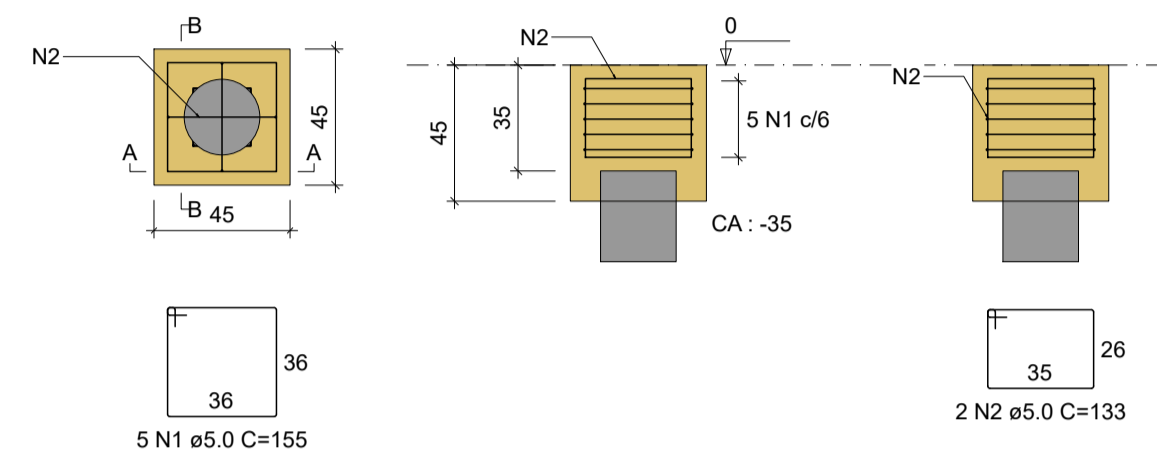
B3
1xD25-C30
PLANTA
ESC 1:25



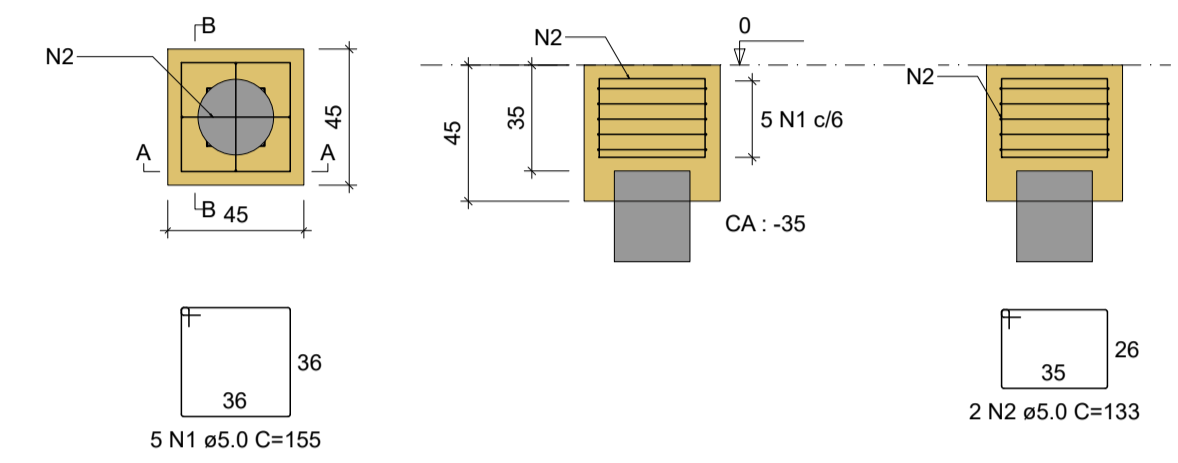
B4
1xD25-C30
PLANTA
ESC 1:25



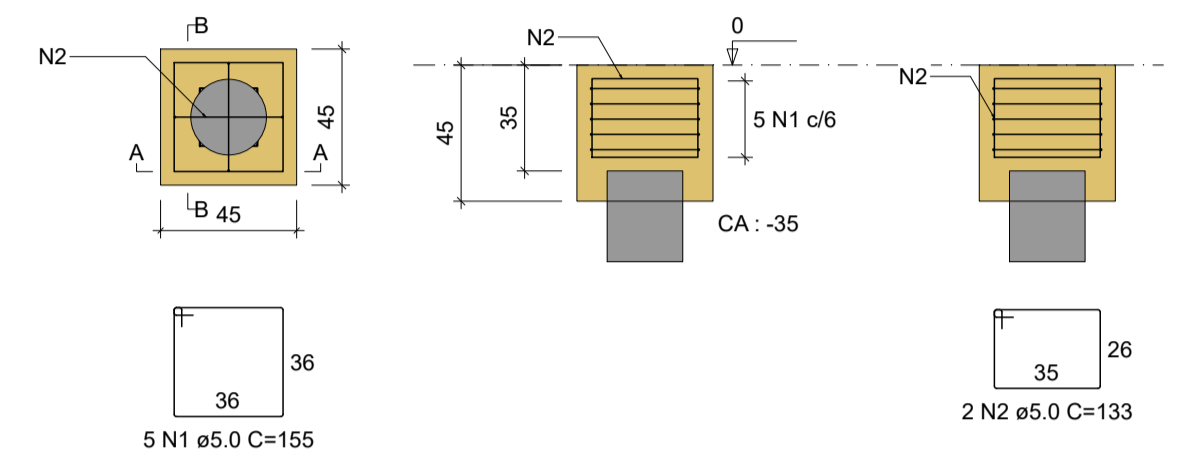
B5
1xD25-C30
PLANTA
ESC 1:25



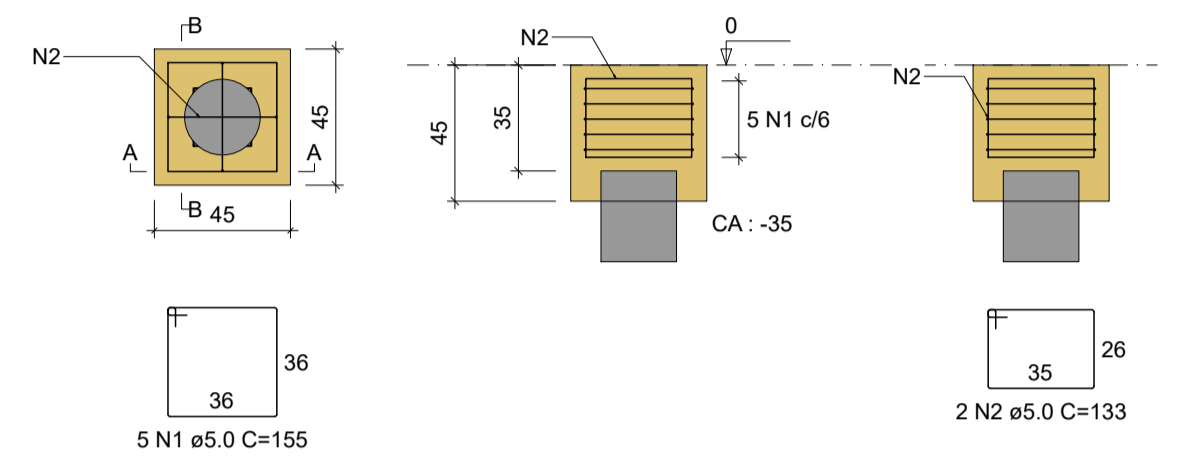
B6
1xD25-C30
PLANTA
ESC 1:25



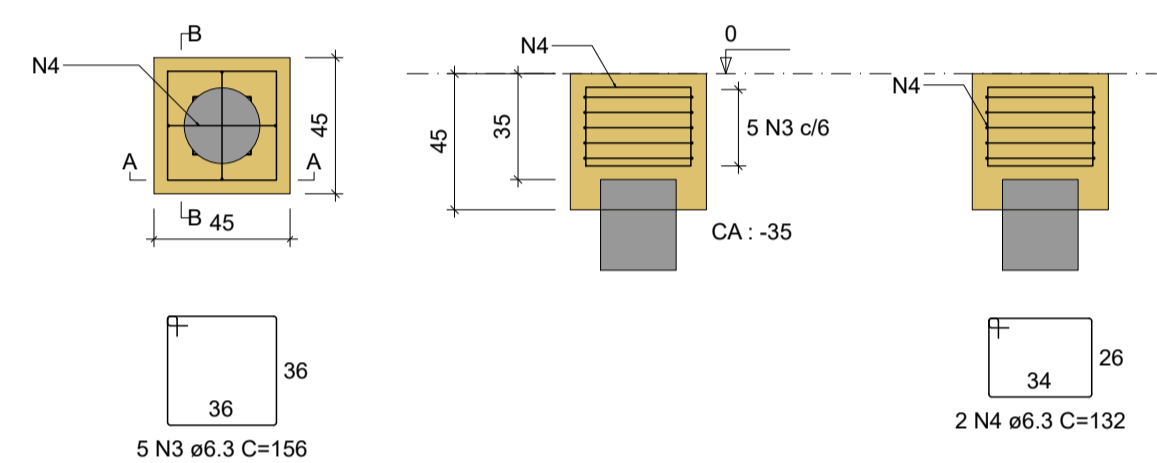
B7
1xD25-C30
PLANTA
ESC 1:25



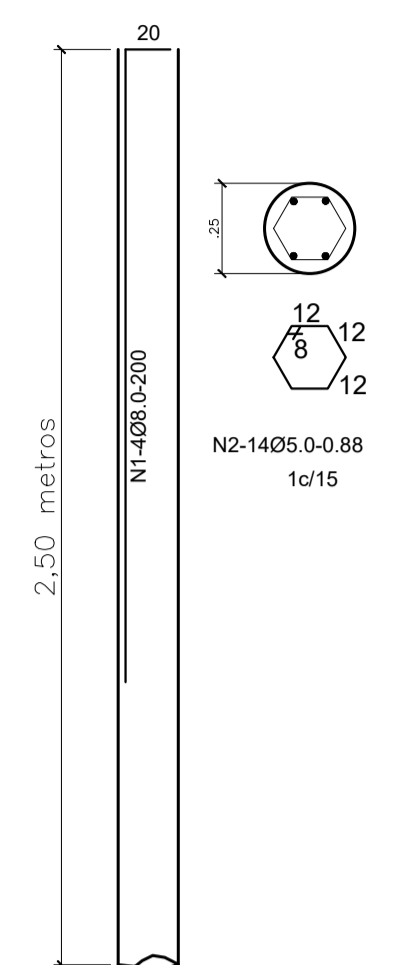
B8
1xD25-C30
PLANTA
ESC 1:25



B9
1xD25-C30
PLANTA
ESC 1:25



ESTACAS DS BLOCOS



RELAÇÃO DO AÇO

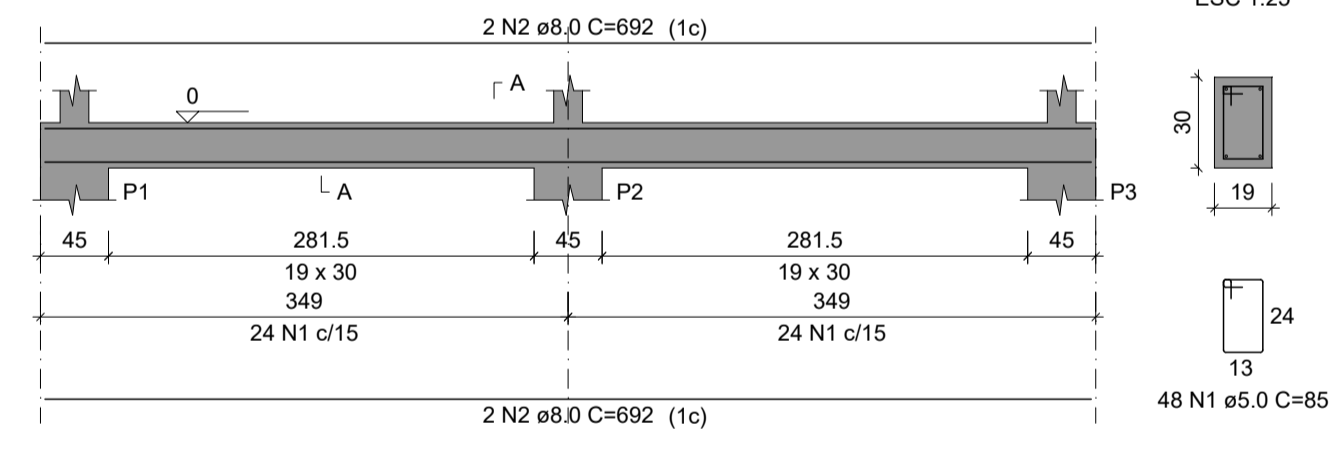
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	40	155	6200
	2	5.0	16	133	2128
CA50	3	6.3	5	156	780
	4	6.3	2	132	264

RESUMO DO AÇO

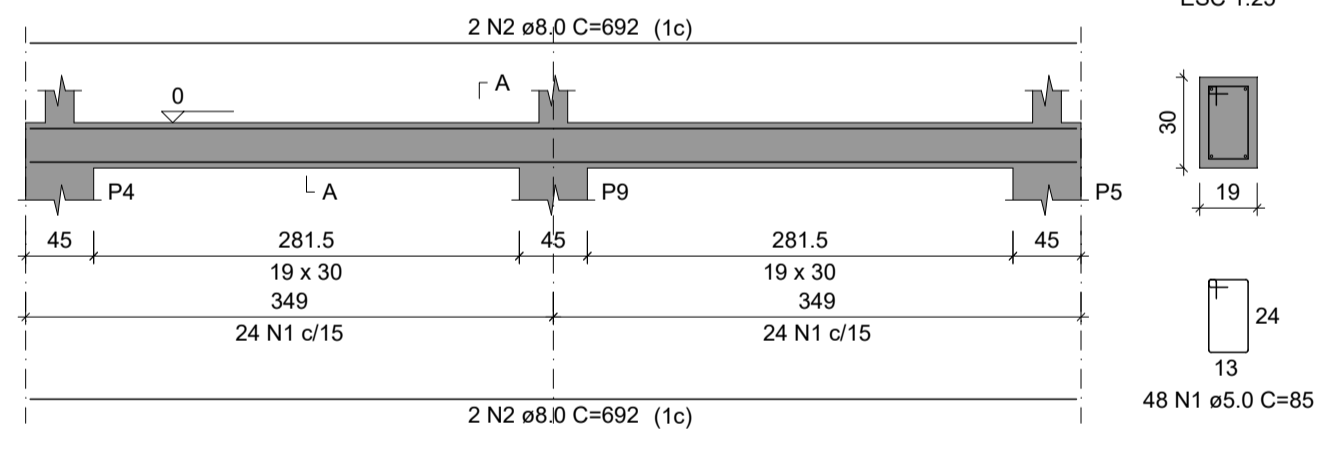
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	10.4	2.55
CA60	5.0	83.3	12.83
PESO TOTAL (kg)			
CA50		2.8	
CA60		14.1	

Volume de concreto (C-25) = 0.82 m³
Área de forma = 7.29 m²

Vb1
ESC 1:50



Vb2
ESC 1:50



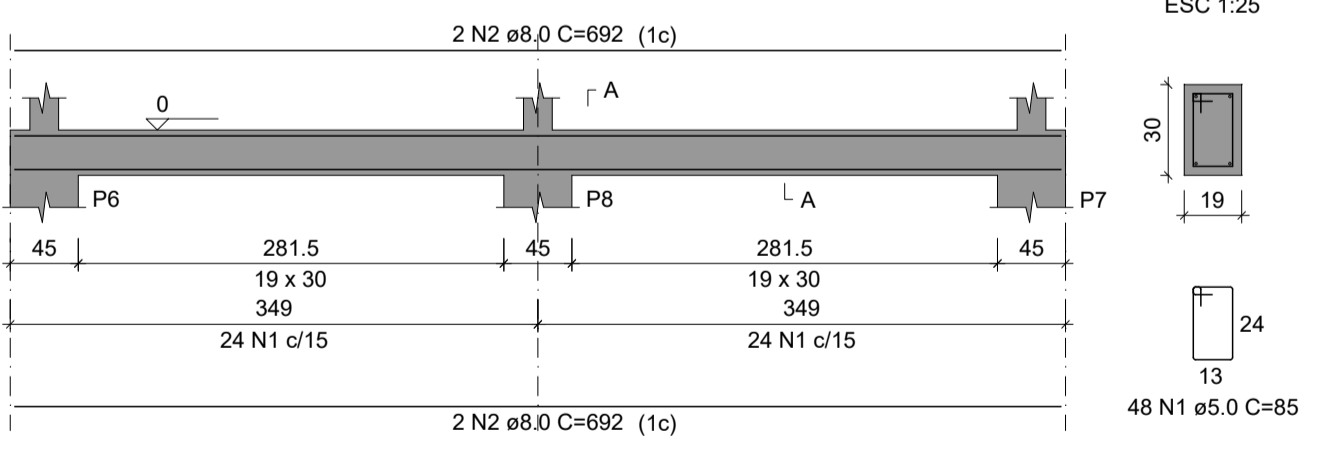
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	270	85	22950
CA50	2	8.0	12	692	8304
CA50	3	8.0	12	606	7272

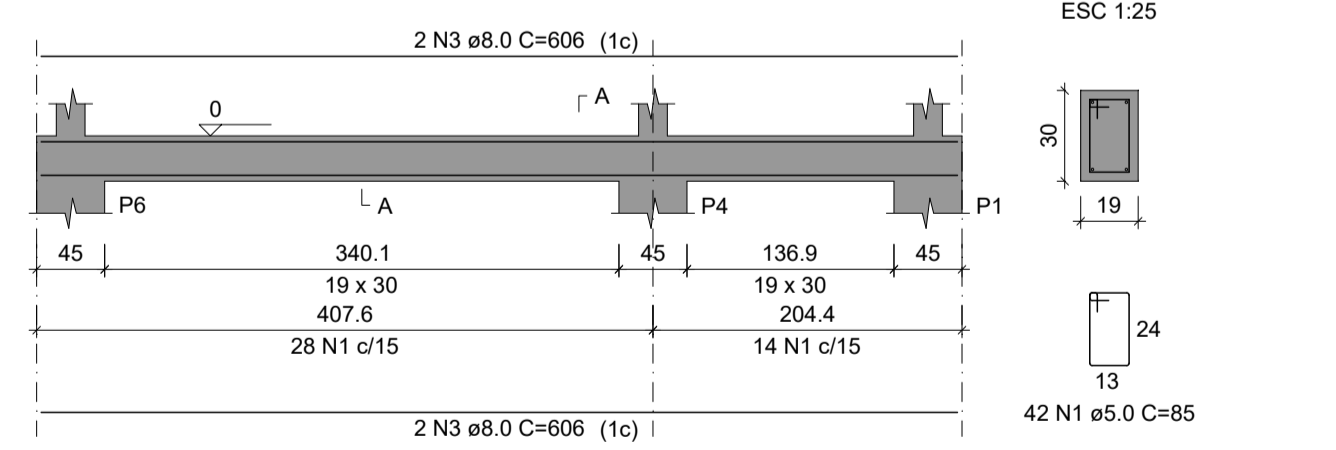
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	155.8	61.54
CA60	5.0	229.5	35.34
PESO TOTAL (kg)			
CA50		61.54	
CA60		35.34	

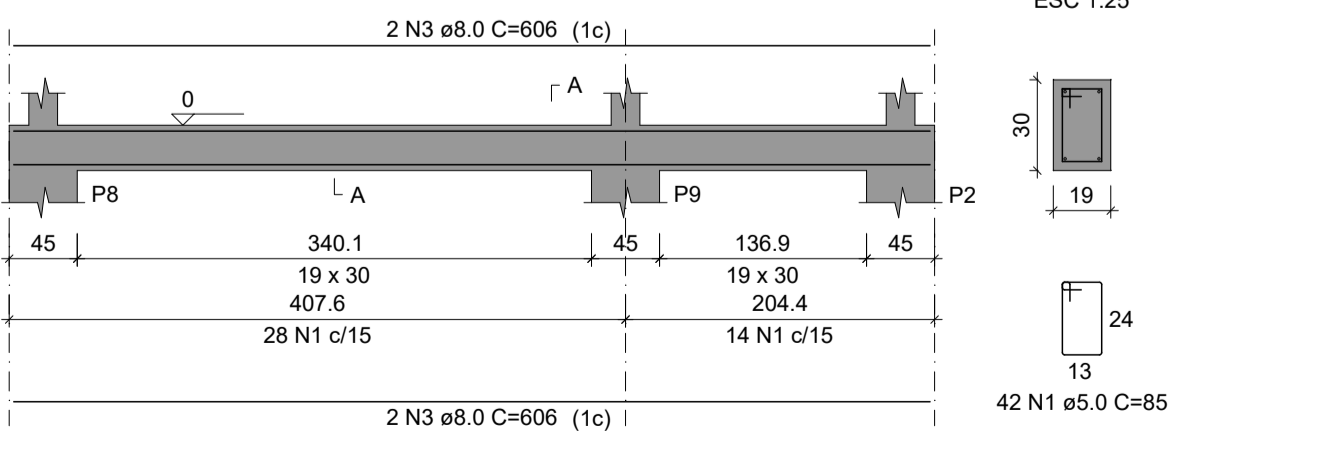
Vb3
ESC 1:50



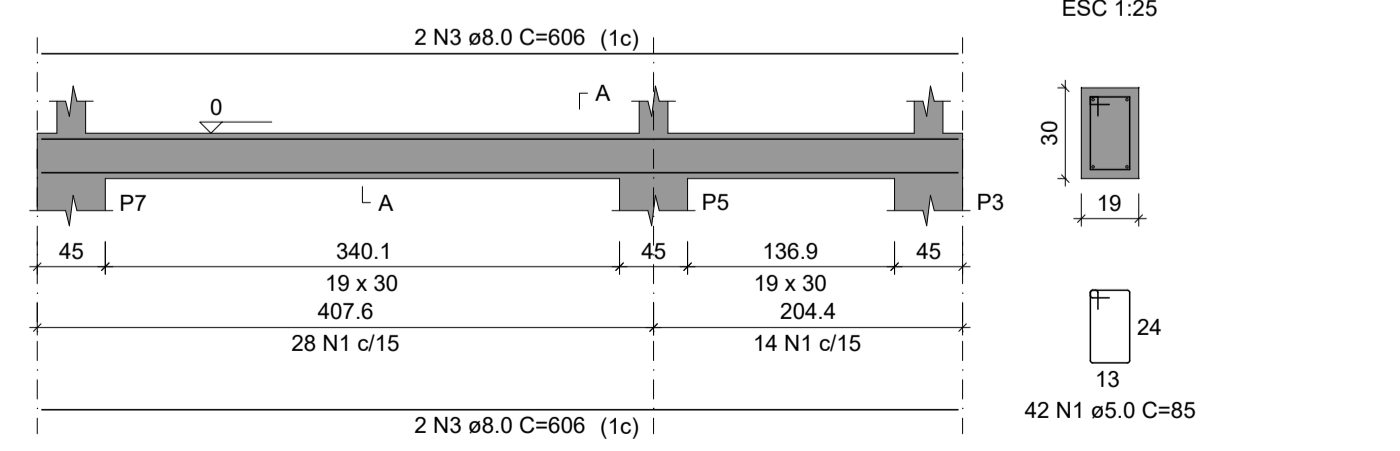
Vb4
ESC 1:50



Vb5
ESC 1:50



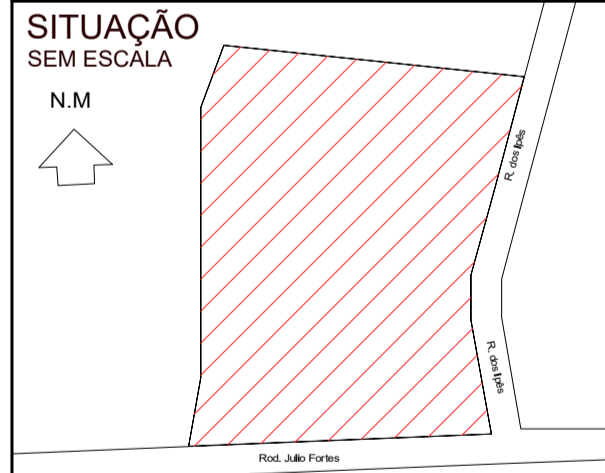
Vb6
ESC 1:50



Volume de concreto (C-25) = 1.78 m³
Área de forma = 23.64 m²

**PROJETO DE REFORMA:
REVITALIZAÇÃO DO BOSQUE MUNICIPAL - PARTE 1**

OBRA : PROJETO DE REFORMA
LOCAL : RUA DOS IPÊS, S/N, CAVIUNAS - LAVRINHAS/SP
PROPRIETÁRIA : Prefeitura Municipal de Lavrinhas



PROPRIETÁRIA
PREFEITURA MUNICIPAL DE LAVRINHAS
Responsável Técnico pelo Projeto:
VANDERSON LOBO
CREA 5069916080

RESP. TÉCNICO: VANDERSON LOBO CREA: 5069916080 ART: 28027230231800200
EMPREENDIMENTO: REVITALIZAÇÃO DO BOSQUE MUNICIPAL - PARTE 1
OBJETO: PROJETO ESTRUTURAL - VESTIÁRIO
ASSUNTO: DETALHAMENTO - VIGAS DA FUNDAÇÃO E BLOCOS DE COROAMENTO