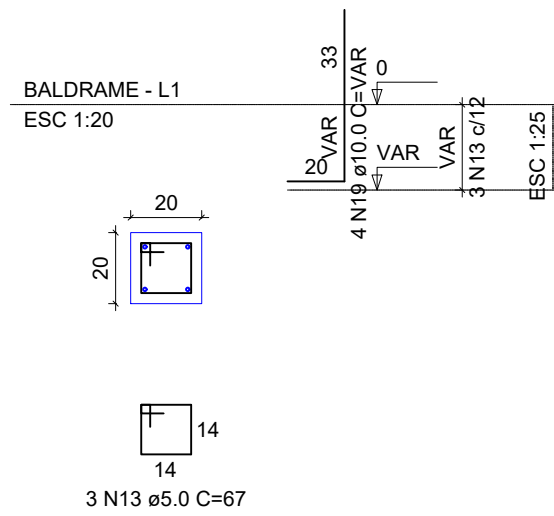
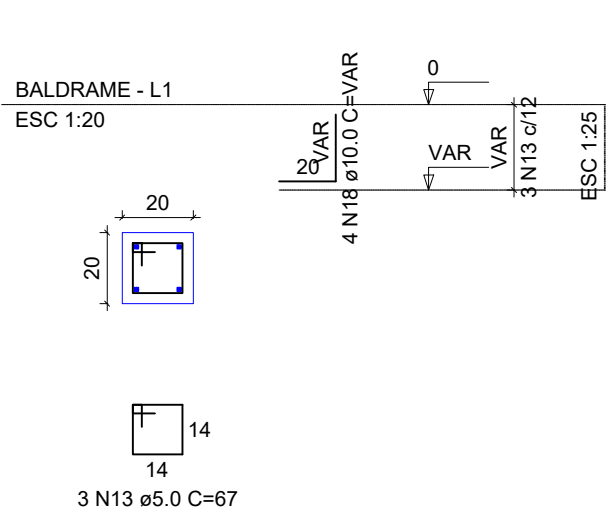


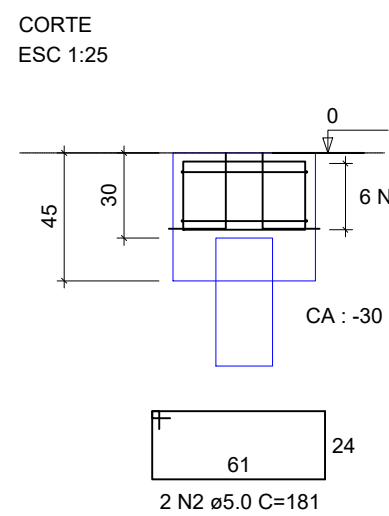
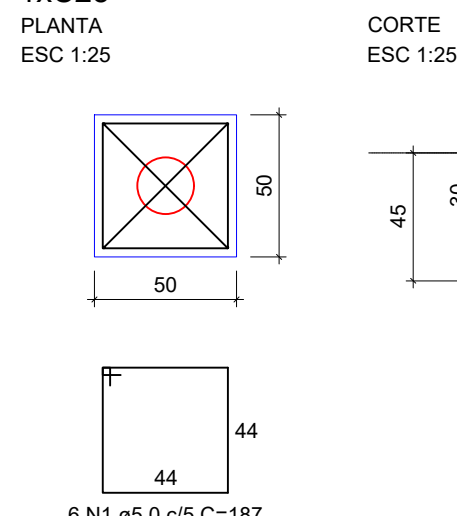
PN2



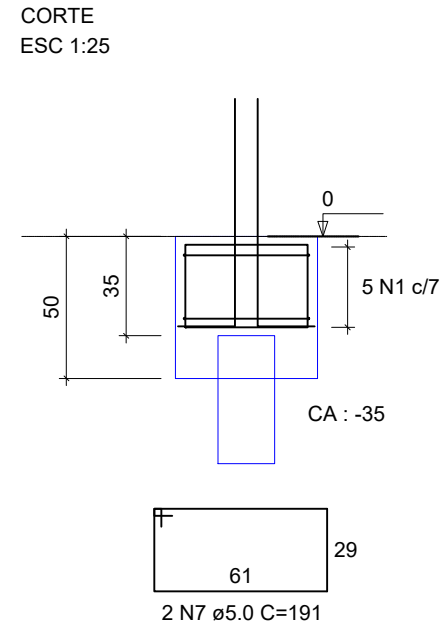
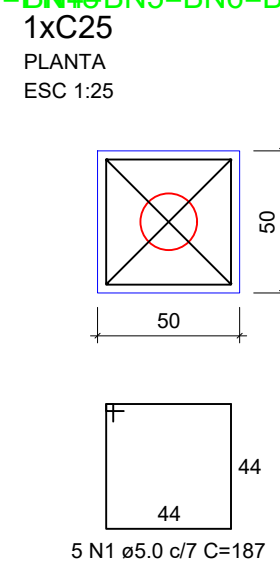
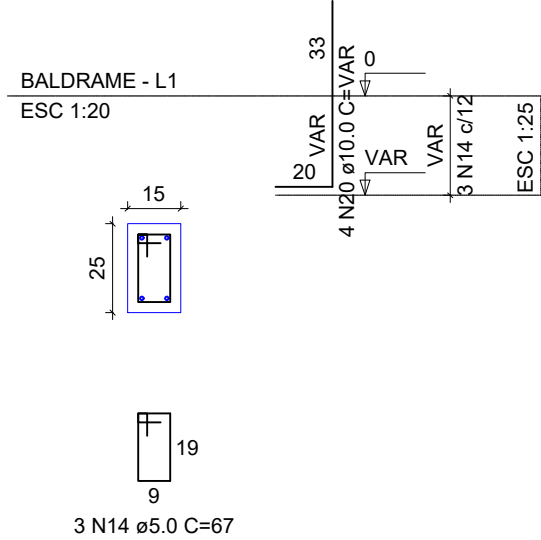
PN1=PN9=PN10



BN1=BN2=BN9=BN10
1xC25



PN4=PN5=PN6=PN8=PN15=PN16=PN17=BN4=BN5=BN6=BN8=BN15=BN16=BN17=BN18
1xC25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	64	187	11968
	2	5.0	8	181	1448
	3	5.0	10	148	1480
	4	5.0	25	307	7675
	5	5.0	20	112	2240
	6	5.0	25	145	3625
	7	5.0	16	191	3056
	8	5.0	10	VAR	VAR
	9	5.0	10	342	3420
	10	5.0	12	VAR	VAR
	11	5.0	10	VAR	VAR
	12	5.0	12	VAR	VAR
	13	5.0	18	67	1206
	14	5.0	36	67	2412
	15	5.0	2	77	154
	16	8.0	20	147	2940
	17	8.0	24	139	3336
	18	10.0	12	VAR	VAR
	19	10.0	44	VAR	VAR
	20	10.0	32	VAR	VAR
	21	16.0	4	VAR	VAR
CA50					

RESUMO DO AÇO

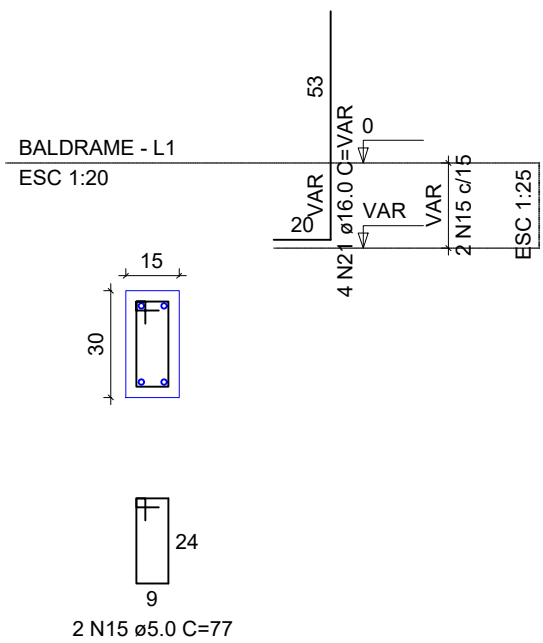
AÇO	DIAM (mm)	C.TOTAL (m)	PESO+10% (kg)
CA50	8.0	62.8	27.2
	10.0	65.9	44.7
	16.0	3.8	6.7
CA60	5.0	443.8	75.2
PESO TOTAL (kg)			
CA50		78.6	
CA60		75.2	

Volume de concreto (C-25) = 3.30 m³

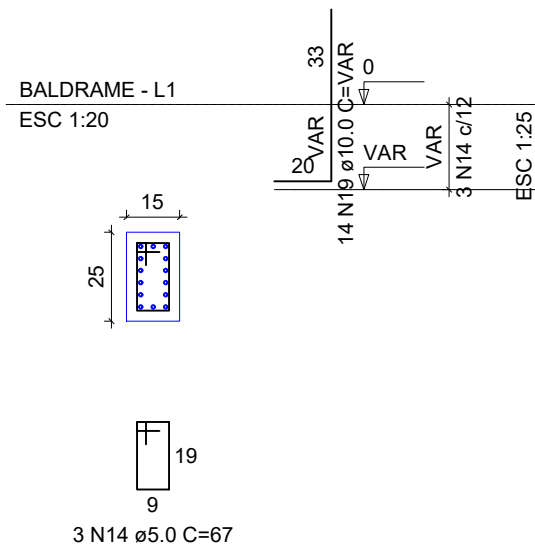
Volume de concreto (C-30) = 0.24 m³

Área de forma = 26.89 m²

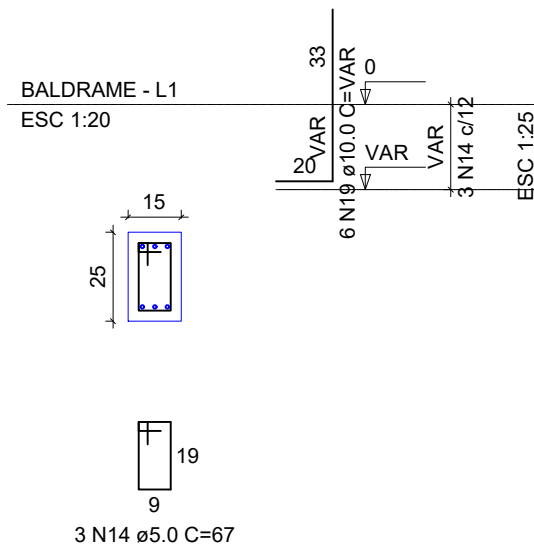
PN11



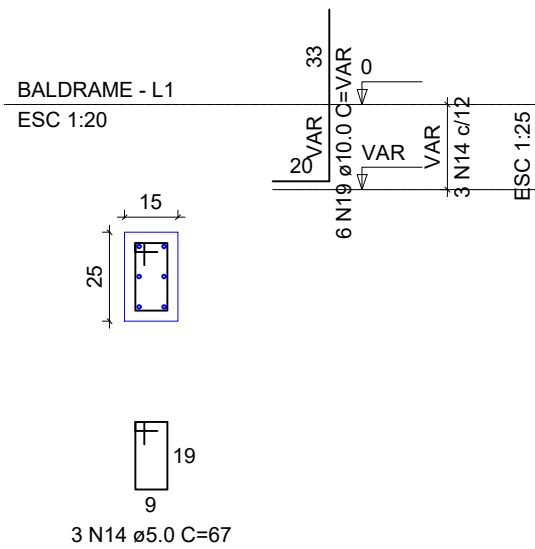
PN12



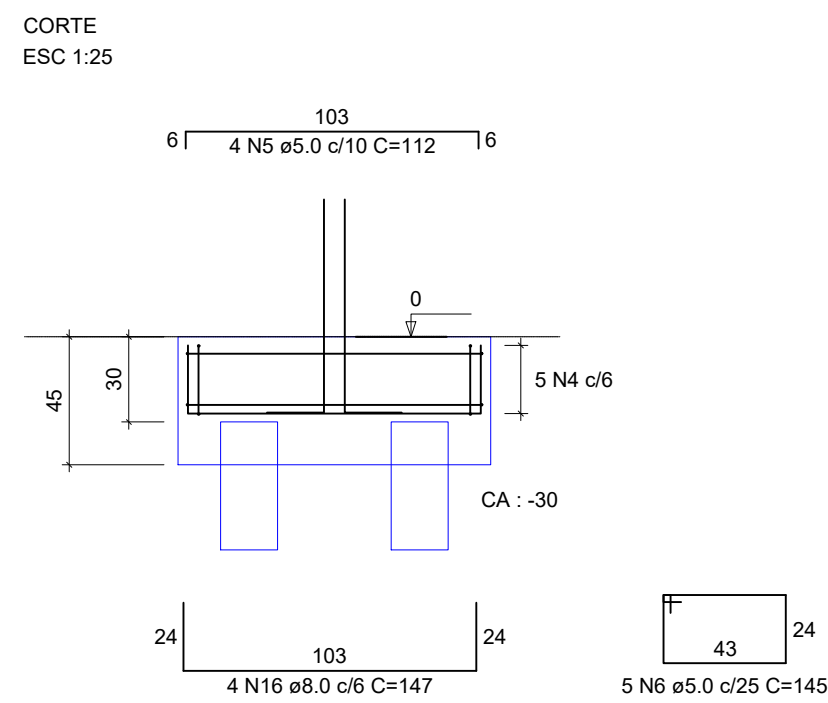
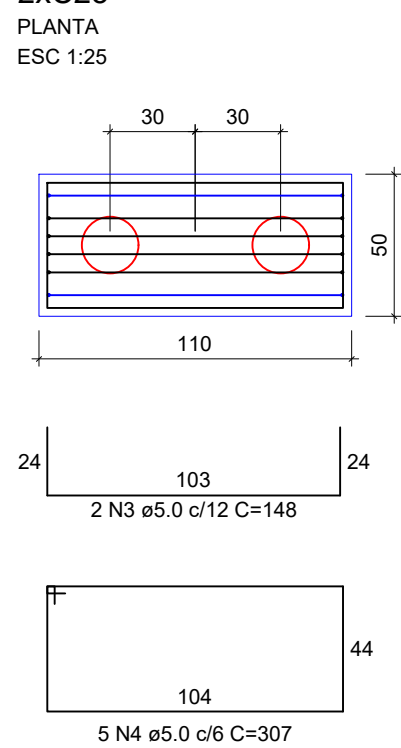
PN3



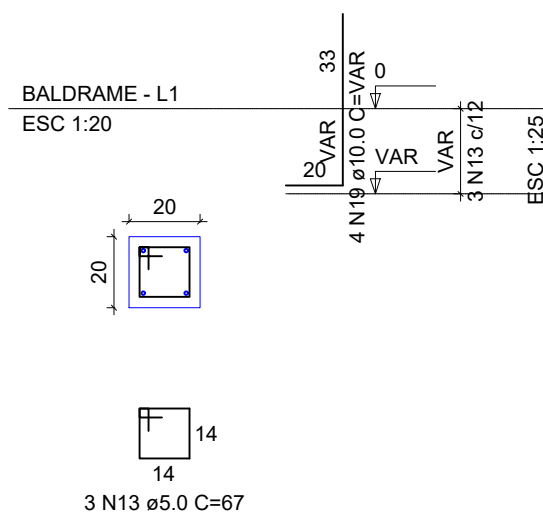
PN7=PN14



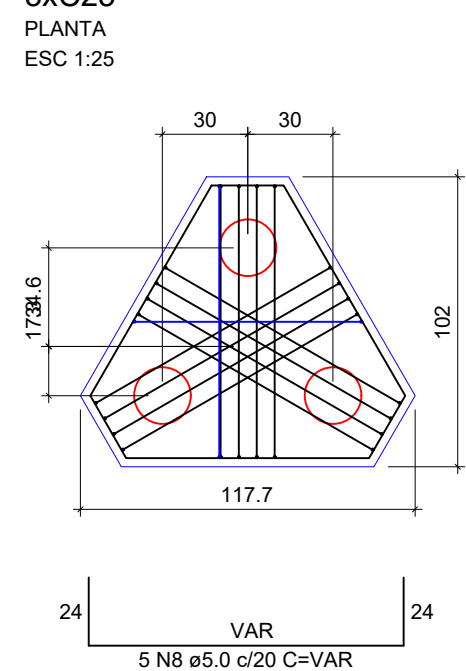
BN3=BN7=BN11=BN12=BN14
2xC25



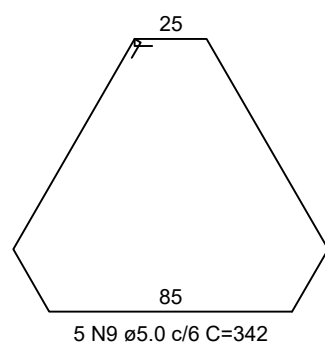
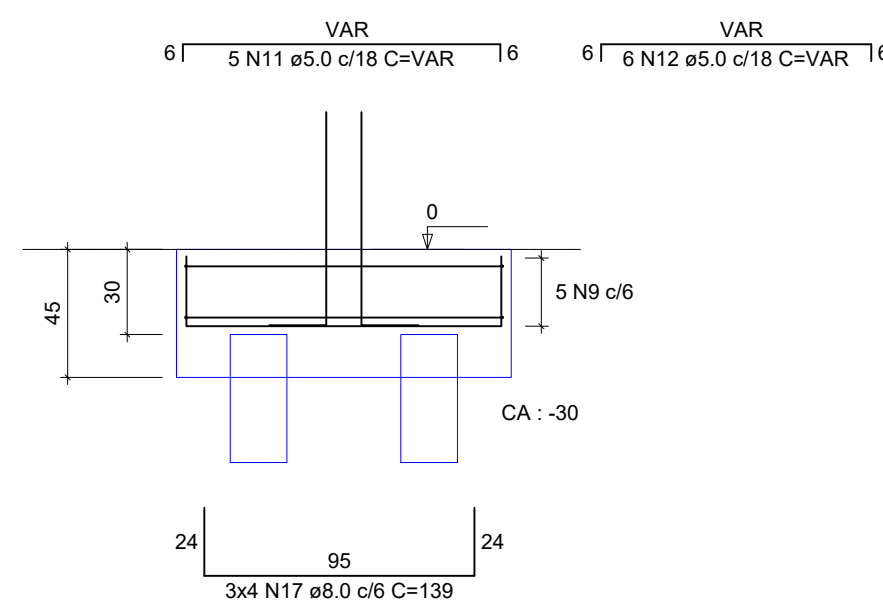
PN13=PN19



BN13=BN19
3xC25



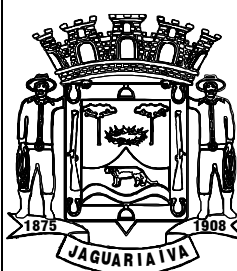
CORTE
ESC 1:25



ÁREA RESERVADA PARA CARIMBOS:

OBRA:

**REFORMA E AMPLIAÇÃO
CENTRO DE CONVIVÊNCIA PRIMAVERA
PROJETO ESTRUTURAL**



Prefeitura Municipal de Jaguariáiva

Praça Izabel Branco 142 - Cidade Alta - Fone (43) 3535-9400 - Fax (43) 3535-9400
Jaguariáiva - PR - CEP: 84.200-000 - CNPJ 76.910.900/0001-38

Secretaria Municipal de Infraestrutura e Habitação

GESTÃO

2017 - 2020
JOSÉ SLOBODA
PREFEITO MUNICIPAL DE JAGUARIÁIVA

TÍTULO:

DETALHAMENTO DOS BLOCOS

RESPONSÁVEL TÉCNICO:
Eng.ª Civil Ana Claudia Krul
CREA 69540/D-PR

DESENHO:
Ana Claudia Krul
DATA:
Fev / 2019

PRONCHA:
02/06
ESCALA:
INDICADA