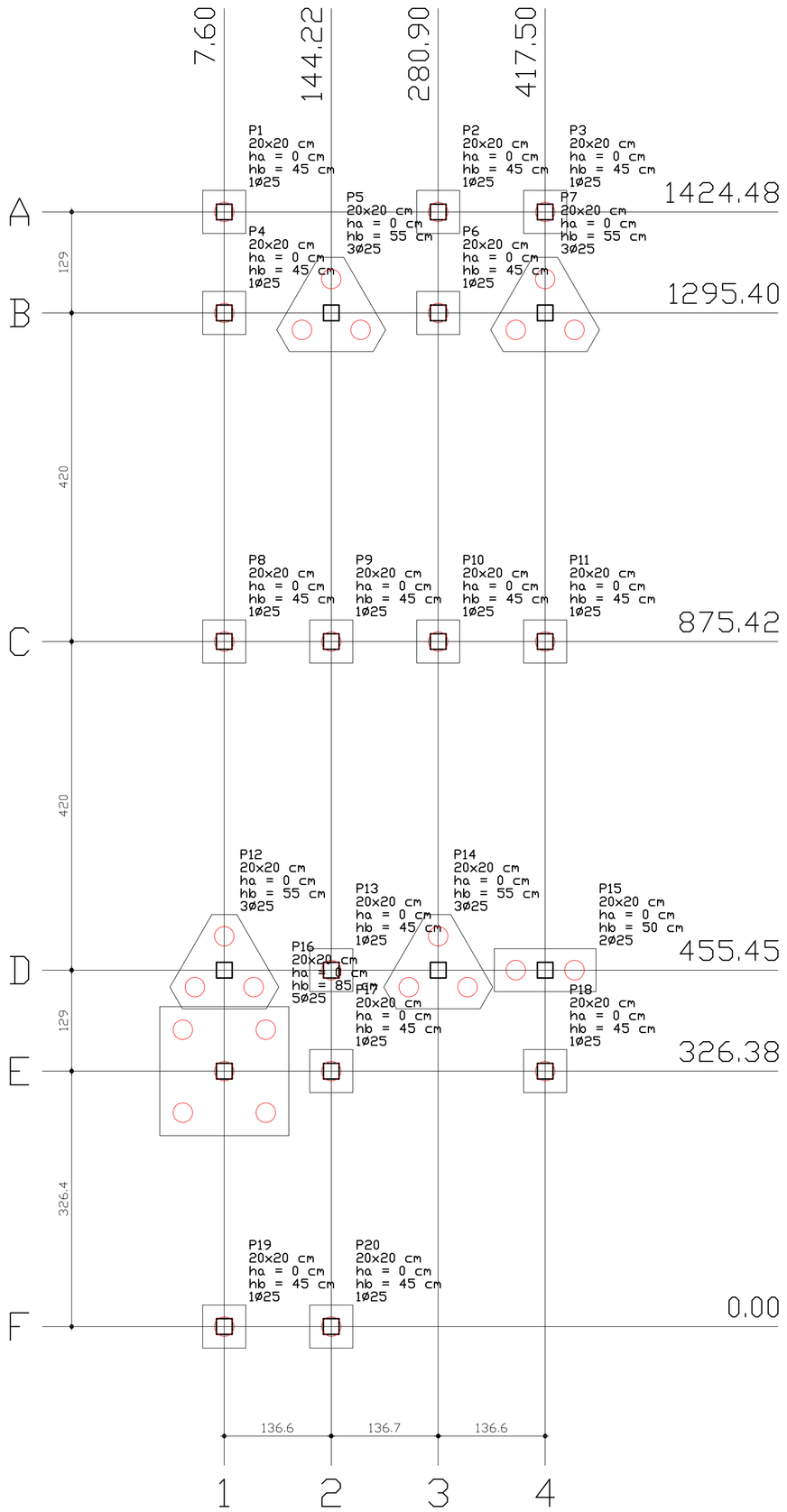
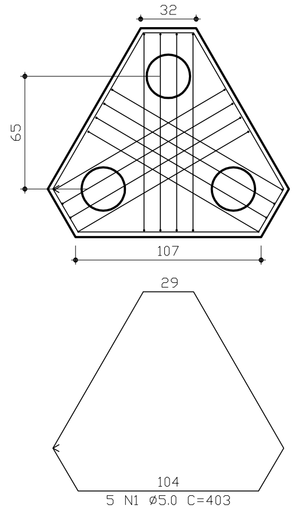


Planta de locação
escala 1:50

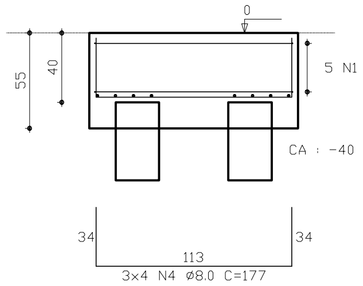
Pilar					Fundação					Bloco	
Nome	Seção (cm)	X (cm)	Y (cm)	Carga (tf)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	de (cm)	ca (cm)
P1	20x20	7.60	1424.48	1.0	55	55	0	45	1	25	-30
P2	20x20	280.90	1424.48	1.4	55	55	0	45	1	25	-30
P3	20x20	417.50	1424.48	0.5	55	55	0	45	1	25	-30
P4	20x20	7.60	1295.40	2.2	55	55	0	45	1	25	-30
P5	20x20	144.25	1295.40	3.3	32	107	0	55	3	25	-40
P6	20x20	280.90	1295.40	4.1	55	55	0	45	1	25	-30
P7	20x20	417.50	1295.40	2.4	32	107	0	55	3	25	-28
P8	20x20	7.60	875.42	3.3	55	55	0	45	1	25	192
P9	20x20	144.26	875.42	6.6	55	55	0	45	1	25	151
P10	20x20	280.90	875.42	6.5	55	55	0	45	1	25	65
P11	20x20	417.50	875.42	3.3	55	55	0	45	1	25	23
P12	20x20	7.62	455.45	1.7	32	107	0	55	3	25	222
P13	20x20	144.25	455.45	3.9	55	55	0	45	1	25	65
P14	20x20	280.90	455.45	3.4	32	107	0	55	3	25	55
P15	20x20	417.50	455.45	1.9	130	55	0	50	2	25	60
P16	20x20	7.62	326.38	2.2	165	165	0	85	5	25	204
P17	20x20	144.25	326.38	2.6	55	55	0	45	1	25	65
P18	20x20	417.50	326.38	0.8	55	55	0	45	1	25	65
P19	20x20	7.62	0.00	1.2	55	55	0	45	1	25	276
P20	20x20	144.22	0.00	1.3	55	55	0	45	1	25	276

Estacas	
de (cm)	Quantidade
25	33

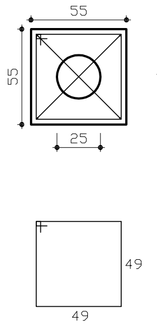
B5
3Ø25
Planta
ESC 1:25



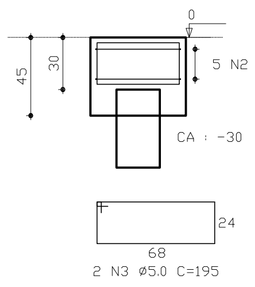
Corte
ESC 1:25



B1=B2=B3=B4=B6
1Ø25
Planta
ESC 1:25



Corte
ESC 1:25



RELAÇÃO DO AÇO

B5 5xB6

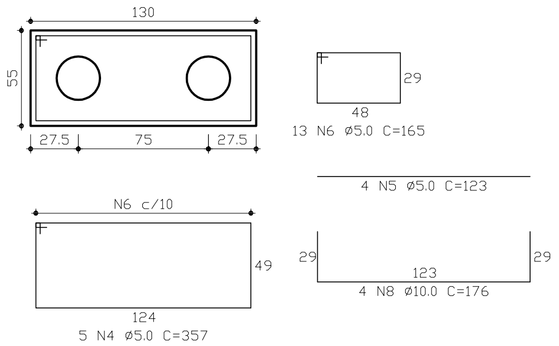
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	5	403	2015
	2	5.0	25	207	5175
	3	5.0	10	195	1950
50	4	8.0	12	177	2124

RESUMO DO AÇO

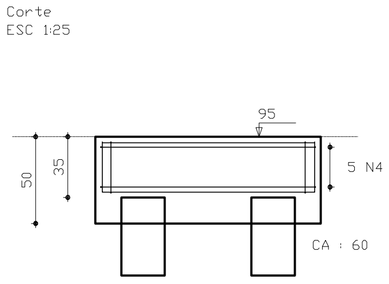
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	8.0	21.3	9.2
CA60	5.0	91.6	15.5
PESO TOTAL			
CA50	9.2		
CA60	15.5		

Vol. concreto (C-25) = 1.24 m³
Área de forma total = 7.24 m²

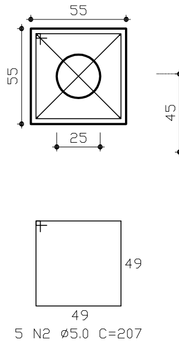
B15
2Ø25
Planta
ESC 1:25



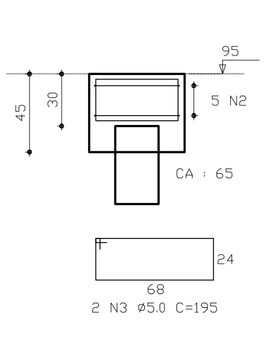
Corte
ESC 1:25



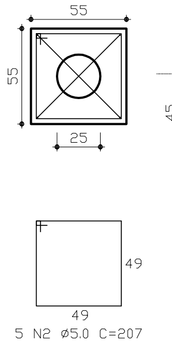
B18
1Ø25
Planta
ESC 1:25



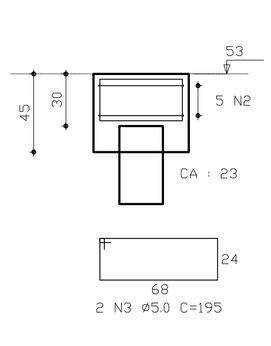
Corte
ESC 1:25



B11
1Ø25
Planta
ESC 1:25



Corte
ESC 1:25



RELAÇÃO DO AÇO

B7 B11 B14
B15 4xB18

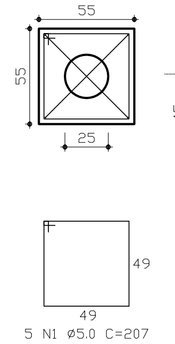
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	10	403	4030
	2	5.0	25	207	5175
	3	5.0	10	195	1950
	4	5.0	5	357	1785
	5	5.0	4	123	492
	6	5.0	13	165	2145
50	7	8.0	24	177	4248
	8	10.0	4	176	704

RESUMO DO AÇO

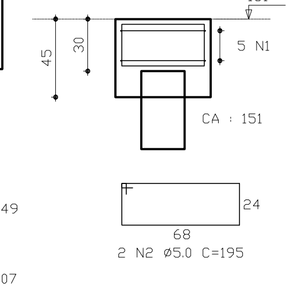
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	8.0	42.6	18.5
	10.0	7.1	4.8
CA60	5.0	156.0	26.5
PESO TOTAL			
CA50	23.3		
CA60	26.5		

Vol. concreto (C-25) = 2.19 m³
Área de forma total = 11.39 m²

B9
1Ø25
Planta
ESC 1:25



Corte
ESC 1:25



RELAÇÃO DO AÇO

B9

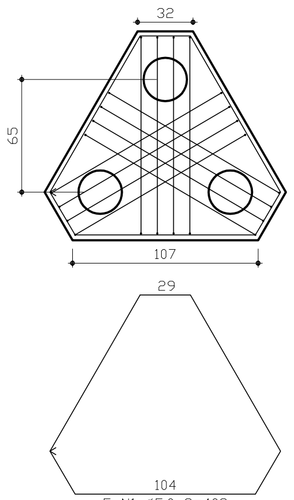
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	5	207	1035
	2	5.0	2	195	390

RESUMO DO AÇO

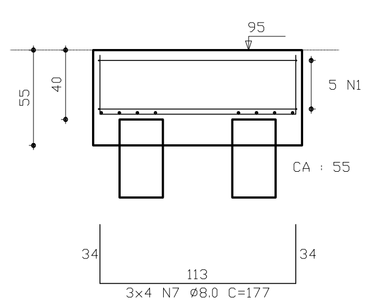
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA60	5.0	14.3	2.4
PESO TOTAL			
CA60	2.4		

Vol. concreto (C-25) = 0.13 m³
Área de forma total = 0.99 m²

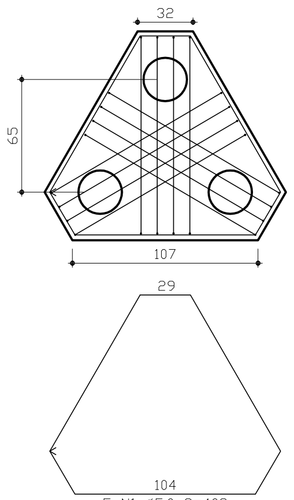
B14
3Ø25
Planta
ESC 1:25



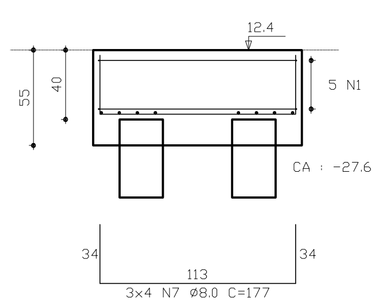
Corte
ESC 1:25



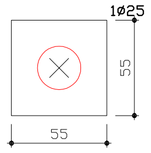
B7
3Ø25
Planta
ESC 1:25



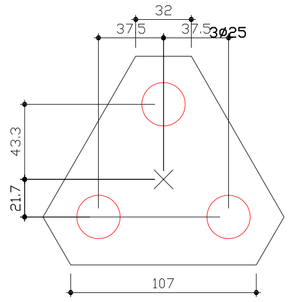
Corte
ESC 1:25



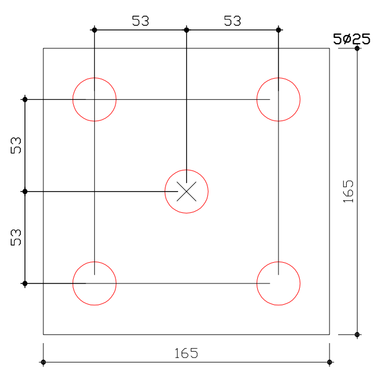
B8=B19=B20=B9=B10
B11=B13=B17=B18=B1
B2=B3=B4=B6
1Ø25



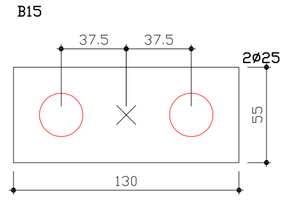
B12=B7=B14
B5



B16



B15



Legenda dos blocos
escala 1:25

Prefeitura Municipal de Jaguariaíva
Praça Getúlio Vargas 60 - Centro Cx.Postal.11 - Fone (43) 3535-1233 - Fax (43) 3535-2130
Jaguariaíva -PR - CEP: 84.200-000 - CNPJ 76.910.900/0001-38
Secretaria Municipal de Infraestrutura e Habitação

GESTÃO: 2017-2020
JOSÉ SLOBODA
PREFEITO MUNICIPAL

RESPONSÁVEL TÉCNICO:
ENGª ANA CLAUDIA KRUL
CREA/PR 89.540-D

TÍTULO:
REPAROS NA ESCOLA MUN. CARLOS CARNEIRO SAMPAIO
JD SÃO ROQUE
PROJETO ESTRUTURAL - RAMPA 02

DATA:	DESENHO:	ESCALA:	FOLHA:
REV. FEV 2017	ANA CLAUDIA	Indicadas	01/06