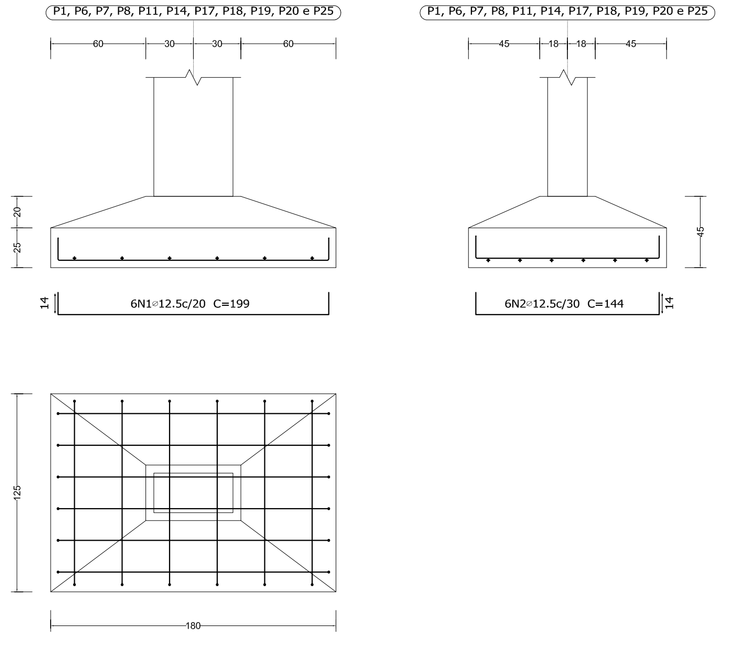
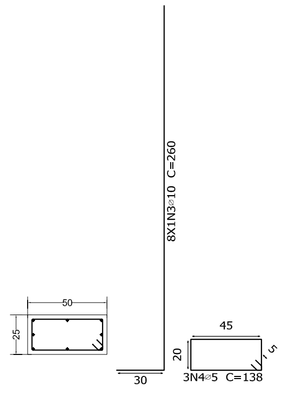
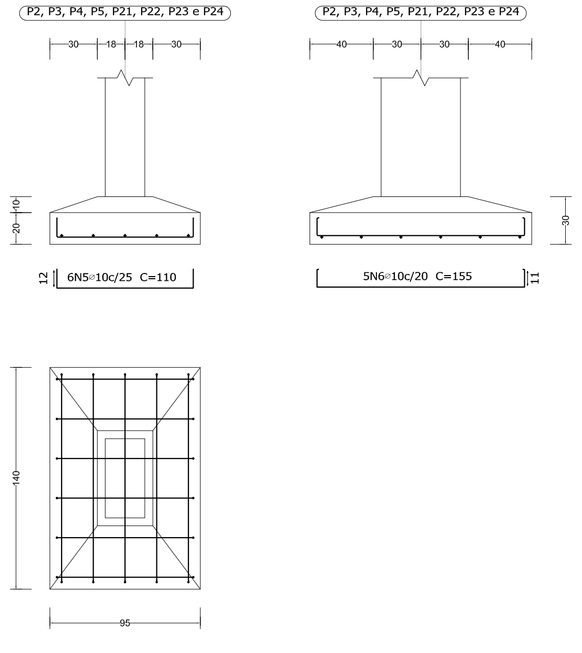
P1, P6, P7, P8, P11, P14, P17, P18, P19, P20 e P25



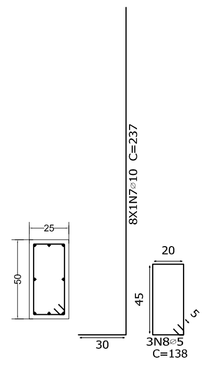
P1, P6, P7, P8, P11, P14, P17, P18, P19, P20 e P25



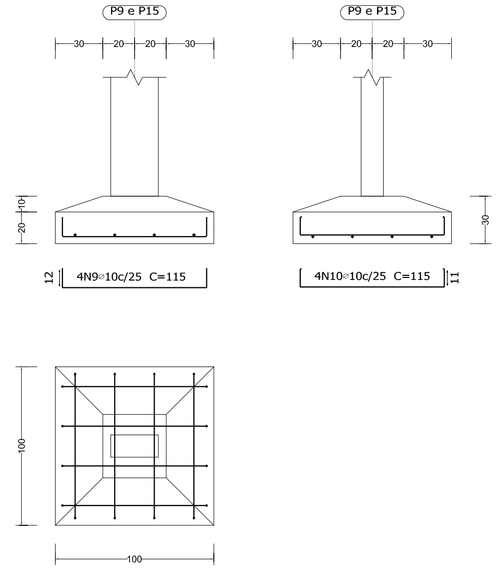
P2, P3, P4, P5, P21, P22, P23 e P24



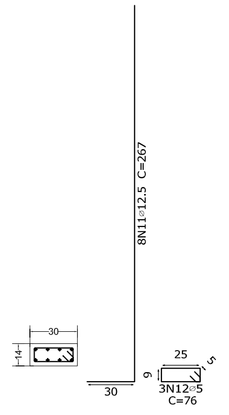
P2, P3, P4, P5, P21, P22, P23 e P24



P9 e P15



P9 e P15

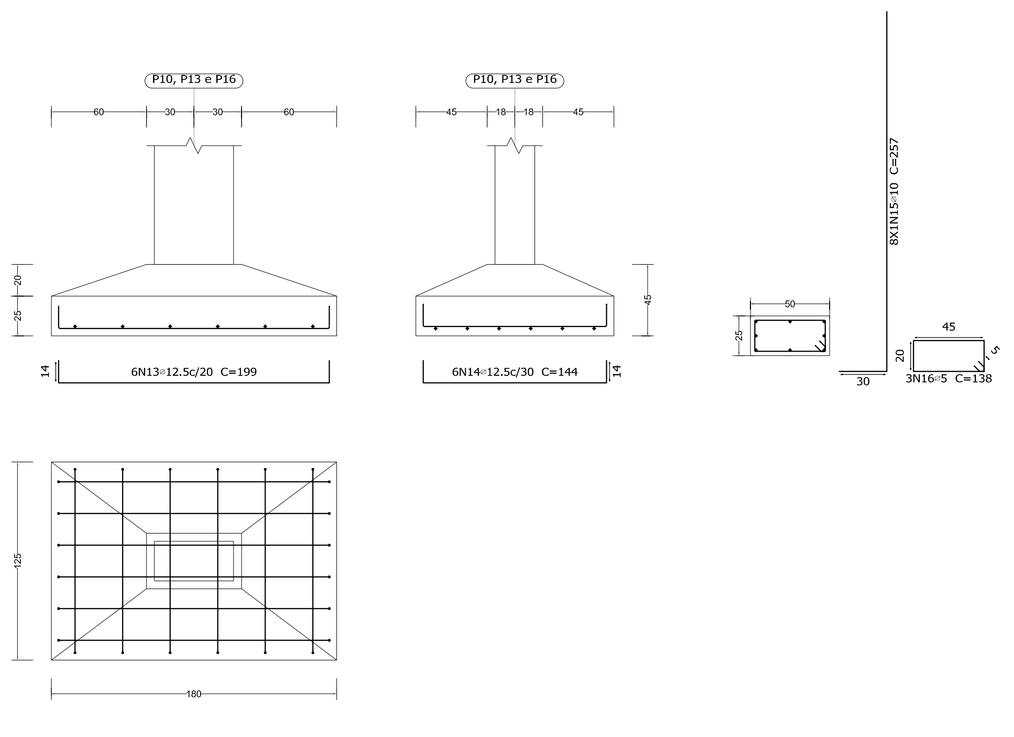


Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P1=P6=P7=P8=P11 P14=P17=P18=P19 P20=P25	1	⌀12.5	6	14	171	14	199	1194	11.5	
	2	⌀12.5	6	14	116	14	144	864	8.3	
	3	⌀10	8	30	230		260	2080	12.8	
	4	⌀5	3		138		138	414		0.6
								Total+10%:	35.9	0.7
								(x11):	394.9	7.7
P2=P3=P4=P5=P21 P22=P23=P24	5	⌀10	6	12	86	12	110	660	4.1	
	6	⌀10	5	1	153	1	155	775	4.8	
	7	⌀10	8	30	207		237	1896	11.7	
	8	⌀5	3		138		138	414		0.6
								Total+10%:	22.7	0.7
								(x8):	181.6	5.6
P9=P15	9	⌀10	4	12	91	12	115	460	2.8	
	10	⌀10	4	1	113	1	115	460	2.8	
	11	⌀12.5	8	30	237		267	2136	20.6	
	12	⌀5	3		76		76	228		0.4
								Total+10%:	28.8	0.4
								(x2):	57.6	0.8
P10=P13=P16	13	⌀12.5	6	14	171	14	199	1194	11.5	
	14	⌀12.5	6	14	116	14	144	864	8.3	
	15	⌀10	8	30	227		257	2056	12.7	
	16	⌀5	3		138		138	414		0.6
								Total+10%:	35.8	0.7
								(x3):	107.4	2.1
P12	17	⌀10	6	12	111	12	135	810	5.0	
	18	⌀10	6	12	111	11	134	804	5.0	
	19	⌀16	6	30	236		266	1596	25.2	
	20	⌀5	3		76		76	228		0.4
								Total+10%:	38.7	0.4
								⌀5:	0.0	16.6
								⌀10:	902.1	0.0
								⌀12.5:	350.4	0.0
								⌀16:	27.7	0.0
								Total:	780.2	16.6

Resumo Aço Fundação Detalhamento fundação		Comp. total (m)	Peso+10% (kg)	Total
CA-50	⌀10	591.5	401	
	⌀12.5	330.8	351	
	⌀16	16.0	28	780
CA-60	⌀5	97.9	17	17
Total				797

P10, P13 e P16

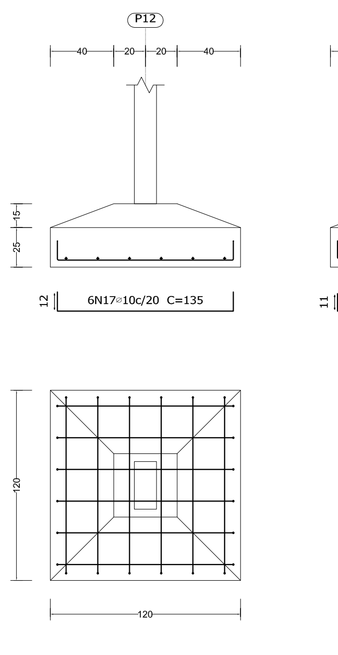
P10, P13 e P16



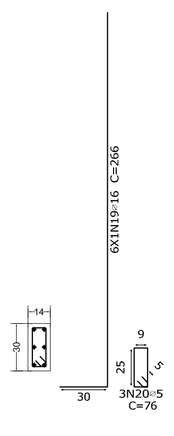
P10, P13 e P16

P12

P12



P12



Revisão:01	Descrição	Data

AMUREL 50 ANOS 1970-2020
ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO DE JOAÇABA
AMUREL 50 ANOS DE HISTÓRIA E DESENVOLVIMENTO

REPÚBLICA FEDERATIVA DO BRASIL
ESTADO DE SANTA CATARINA
MUNICÍPIO DE BRAÇO DO NORTE

Título

PROJETO ESTRUTURAL

Referencia
QUADRA COBERTA MULTIOSO
ÁREA TOTAL: 1.068,84m²

Conteúdo
- DETALHE SAPATAS

Endereço da Obra
AVISTOSO - BRAÇO DO NORTE - SC

Associado
MUNICÍPIO DE BRAÇO DO NORTE
CNPJ/MF:82.326.551/0001-45

Resp. Projeto
JEAN CARDOSO DE SOUZA:01757174940
Assinado de forma digital por JEAN CARDOSO DE SOUZA:01757174940
DN: c=BR, o=ICP-Brasil, ou=AC SOLUTI Multipla, ou=42326551000145, ou=AR BRAÇO NORTE, ou=26226257571946, cn=JEAN CARDOSO DE SOUZA:01757174940
Razão: Eu sou o autor deste documento
Local: BRAÇO DO NORTE - SC
Data: 2022.06.17 14:09:10 -03'00'
JEAN CARDOSO DE SOUZA
Eng. Civil - CREA/SC: 087975-0

Desenho
JEAN C. DE SOUZA
Art Nº **202251978**
Ticket's Nº **202150305**
0000000-0

Data
JUNHO/2022
Nome do Arquivo

Escala
INDICADA
Folha Nº **02/09**

Direitos Autorais a Amurel –Lei 9.610/98 – Art. 7º, Itens X, XI XII, XIII.