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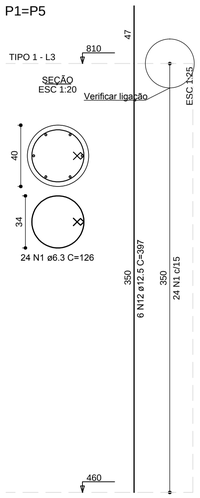
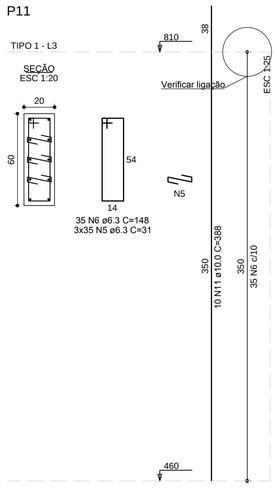
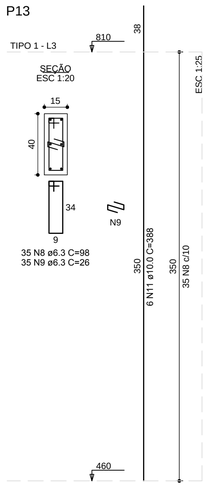


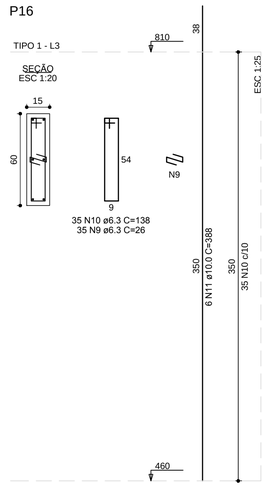
P11



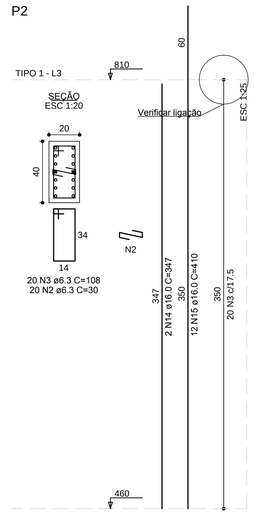
P13



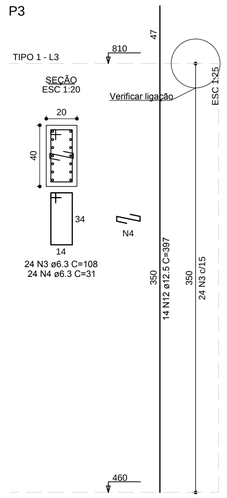
P16



P2



P3



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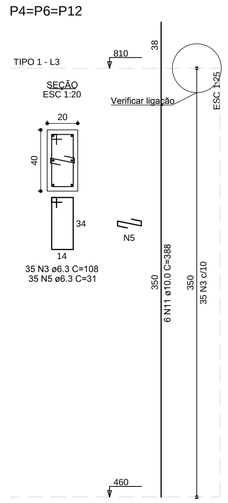

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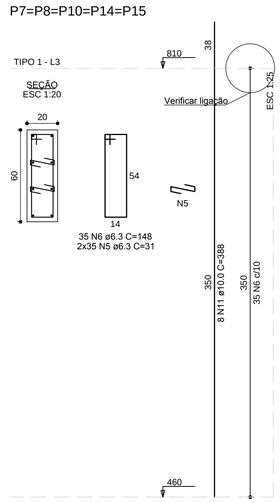
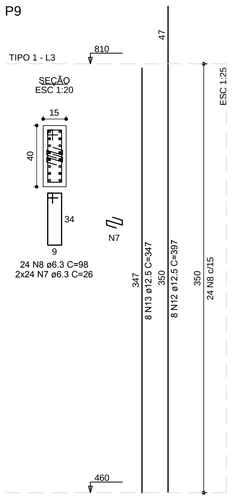
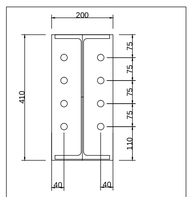


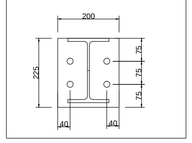
P9



Ligação viga / concreto



VIGAS W410
Ch 6.3 mm
8 PARABOLTS DE 20 mm
8 FUROS DE 22 mm
SOLDA VIGA/CHAPA E70XX



VIGAS W200
Ch 6.3 mm
4 PARABOLTS DE 16 mm
4 FUROS DE 20 mm
SOLDA VIGA/CHAPA E70XX

RELAÇÃO DO AÇO

2xP1 P2 P3
3xP4 5xP7 P9
P11 P13 P16

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	48	126	6048
	2	6.3	20	30	600
	3	6.3	149	108	16092
	4	6.3	24	31	744
	5	6.3	560	31	17360
	6	6.3	210	148	31080
	7	6.3	48	26	1248
	8	6.3	59	98	5782
	9	6.3	70	26	1820
	10	6.3	35	138	4830
	11	10.0	80	388	31040
	12	12.5	34	397	13498
	13	12.5	8	347	2776
	14	16.0	2	347	694
	15	16.0	12	410	4920

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	856	230.4
	10.0	310.4	210.5
	12.5	162.7	172.5
	16.0	56.1	97.5
PESO TOTAL (kg)			
CA50	710.9		

Volume de concreto (C-25) = 5.53 m³
Área de forma = 76.35 m²

ESCRITÓRIO RESPONSÁVEL:

BC Consultores
Engenharia Civil
http://bcconsultores.com.br

REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.	APROV.
0	EMISSÃO INICIAL	11/01/2019	CANARIM	DANILO	DANILO

PREFEITURA SAQUAREMA
TRABALHO E RESPEITO

APROVADO

SECRETÁRIO DE OBRAS E URBANISMO

SECRETARIA DE OBRAS E URBANISMO

TÍTULO
POUPA TEMPO
PROJETO ESTRUTURAL - ARMAÇÃO DOS PILARES DO 2º TETO

LOCAL
POUPA TEMPO
AV. SAQUAREMA - SAQUAREMA

ARQ. ELETRÔNICO
DE-503.18-EST-001 A 023=0.DWG

PROJETO
SERGIO BRUNO FARINHA CANARIM 23979/D

Nº
DE-503.18-EST-014=0

ESCALA 1/50
DATA JAN/2019
PRANCHA 14/23

ESCALA DE PLOTAGEM - PAPER SPACE: 1/1