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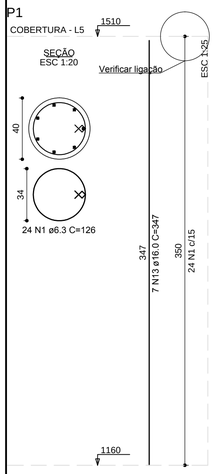

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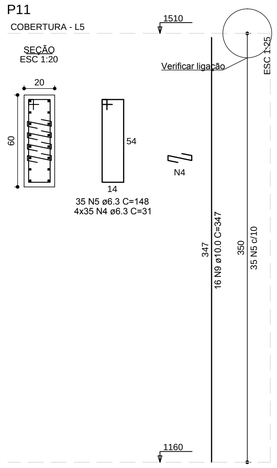

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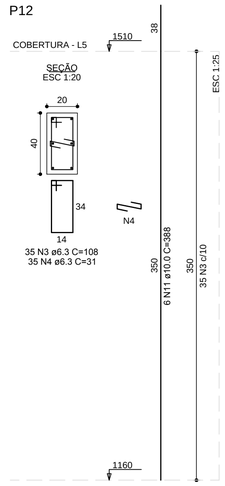

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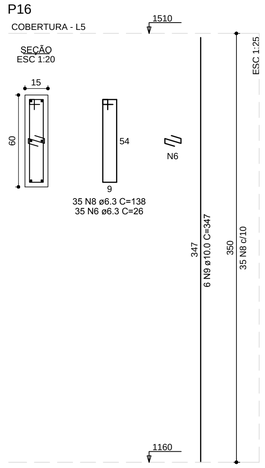

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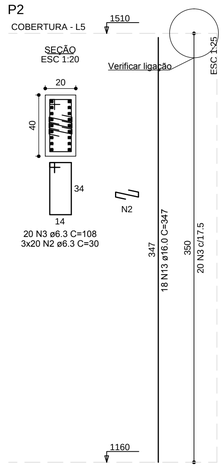

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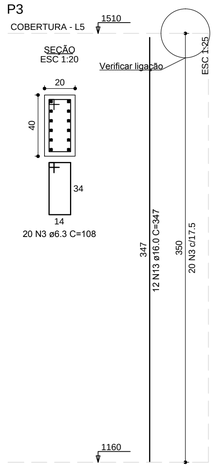

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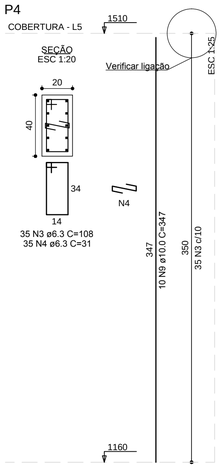

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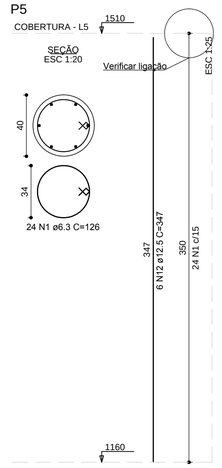

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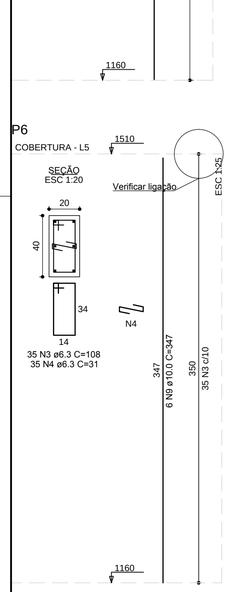

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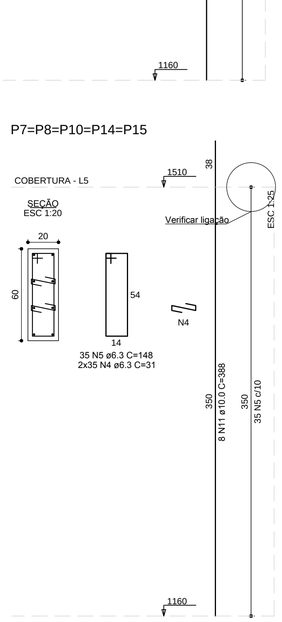

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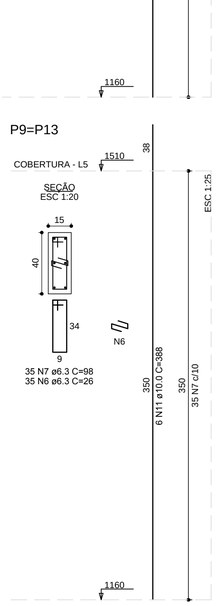

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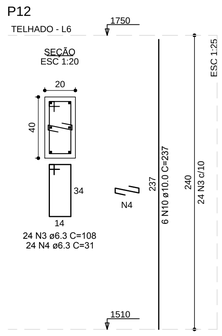

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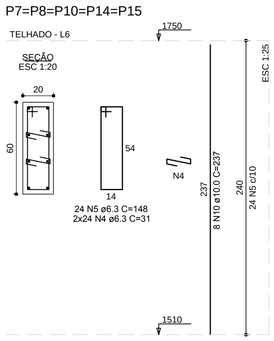

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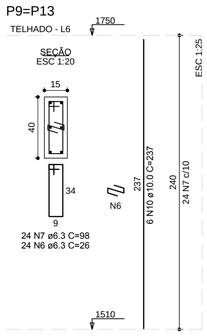


RELAÇÃO DO AÇO

P1-L5, P2-L5, P3-L5, P4-L5, P5-L5, P6-L5, 5xP7-L6, 5xP7-L5, 2xP9-L6, 2xP9-L5, P11-L5, P12-L6, P16-L5

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	48	126	6048
	2	6.3	60	30	1800
	3	6.3	169	108	18252
	4	6.3	859	31	26629
	5	6.3	330	148	48840
	6	6.3	153	26	3978
	7	6.3	118	98	11564
	8	6.3	35	138	4830
	9	10.0	38	347	13186
	10	10.0	58	237	13746
	11	10.0	58	388	22504
	12	12.5	6	347	2082
	13	16.0	37	347	12839

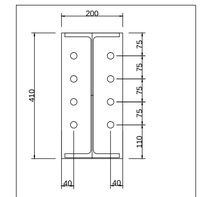
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	1219.4	328.2
	10.0	494.4	335.3
	12.5	20.8	22.1
	16.0	128.4	222.9

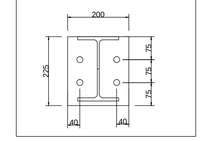
PESO TOTAL (kg)	
CA50	908.5

Volume de concreto (C-25) = 7.45 m³
Área de forma = 103.71 m²

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

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 DA COBERTURA

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-016=0

ESCALA	DATA	PRANCHA
1/50	JAN/2019	16/23

ESCALA DE PLOTAGEM - PAPER SPACE: 1/1