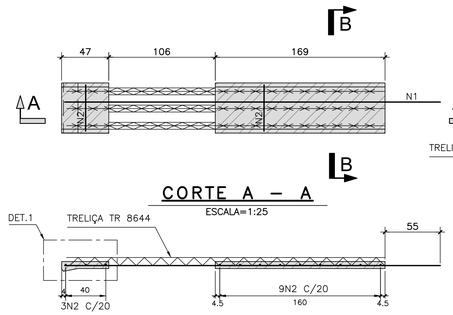
PLACAS PRÉ-MOLDADAS – VÃO DE 23m, 33m E 40m
FORMA E ARMADURA

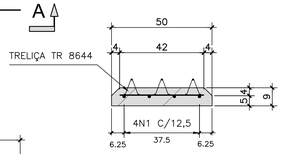
PLACAS PRÉ-MOLDADAS – PPM01(2.906x)
ESCALA=1:25



CORTE A – A
ESCALA=1:25

4 N1 - ø 12.5 C= 374
374

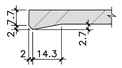
CORTE B – B
ESCALA=1:12,5



9 + 3 N2 - .3 C/20 C= 40
40

LISTA DE BARRAS				
N	ø	Q	COMPRIMENTOS	
			UNIT.(cm)	TOTAL (m)
1	12.5	4	374	14.96
2	6.3	12	40	4.80

DETALHE 1
ESCALA=1:12,5



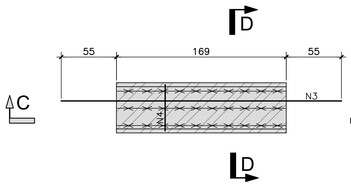
PPM01–TRELIÇAS TR–8644	
P/ 1 UNID. =	9,57m
P/ 2.906 UNID. =	27.810,4m
PESO TOTAL =	20.441 kg

RESUMO P/1 PLACA – PPM01		
ø	COMPRIMENTO (m)	PESO (Kg)
6.3	4.80	1.18
12.5	14.96	14.41
TOTAL		15.59

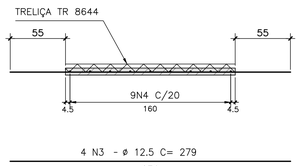
	P/ 1 PLACA	P/ 2.906 PLACAS
Vc (m³)	0,10	290,6
Af (m²)	1,65	4.794,9

RESUMO P/2.906 PLACAS – PPM01	
TOTAL	45.305 kg

PLACAS PRÉ-MOLDADAS – PPM02(2.906x)
ESCALA=1:25

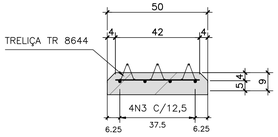


CORTE C – C
ESCALA=1:25



4 N3 - ø 12.5 C= 279
279

CORTE D – D
ESCALA=1:12,5



9 N4 - ø 6.3 C/20 C= 40
40

LISTA DE BARRAS				
N	ø	Q	COMPRIMENTOS	
			UNIT.(cm)	TOTAL (m)
3	12.5	4	279	11.16
4	6.3	9	40	3.60

PPM02 –TRELIÇAS TR–8644	
P/ 1 UNID. =	5,07m
P/ 2.906 UNID. =	14.733,4m
PESO TOTAL =	10.829 kg

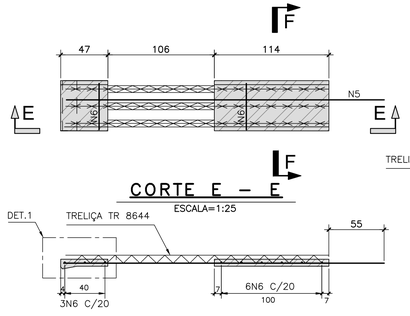
RESUMO P/1 PLACA – PPM02		
ø	COMPRIMENTO (m)	PESO (Kg)
6.3	3.60	0.88
12.5	11.16	10.75
TOTAL		11.63

	P/ 1 PLACA	P/ 2.906 PLACAS
Vc (m³)	0,08	232,48
Af (m²)	1,33	3.864,98

RESUMO P/2.906 PLACAS – PPM02	
TOTAL	33.797 kg

PLACAS PRÉ-MOLDADAS – VÃO DE 45m
FORMA E ARMADURA

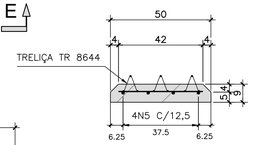
PLACAS PRÉ-MOLDADAS – PPM03(302x)
ESCALA=1:25



CORTE E – E
ESCALA=1:25

4 N5 - ø 12.5 C= 319
319

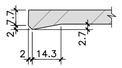
CORTE F – F
ESCALA=1:12,5



6 + 3 N6 - ø 6.3 C/20 C= 40
40

LISTA DE BARRAS				
N	ø	Q	COMPRIMENTOS	
			UNIT.(cm)	TOTAL (m)
5	12.5	4	319	12.76
6	6.3	9	40	3.60

DETALHE 1
ESCALA=1:12,5



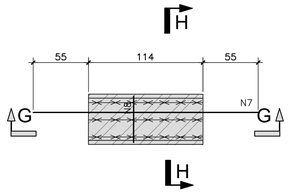
PPM03–TRELIÇAS TR–8644	
P/ 1 UNID. =	7,92m
P/ 302 UNID. =	2.391,8m
PESO TOTAL =	1.758 kg

RESUMO P/1 PLACA – PPM03		
ø	COMPRIMENTO (m)	PESO (Kg)
6.3	3.60	0.88
12.5	12.76	12.29
TOTAL		13.17

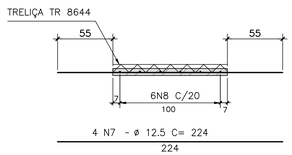
	P/ 1 PLACA	P/ 302 PLACAS
Vc (m³)	0,07	21,14
Af (m²)	1,28	386,56

RESUMO P/302 PLACAS – PPM03	
TOTAL	3.977 kg

PLACAS PRÉ-MOLDADAS – PPM04(528x)
ESCALA=1:25

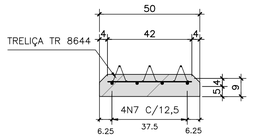


CORTE G – G
ESCALA=1:25



4 N7 - ø 12.5 C= 224
224

CORTE H – H
ESCALA=1:12,5



6 N8 - ø 6.3 C/20 C= 40
40

LISTA DE BARRAS				
N	ø	Q	COMPRIMENTOS	
			UNIT.(cm)	TOTAL (m)
7	12.5	4	224	8.96
8	6.3	6	40	2.40

PPM04–TRELIÇAS TR–8644	
P/ 1 UNID. =	3,42m
P/ 528 UNID. =	1.805,8m
PESO TOTAL =	1.327 kg

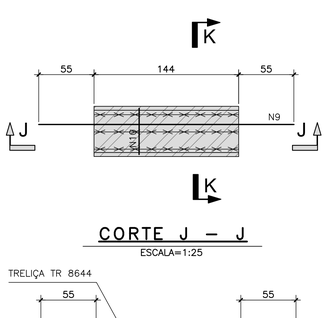
RESUMO P/1 PLACA – PPM04		
ø	COMPRIMENTO (m)	PESO (Kg)
6.3	2.40	0.59
12.5	8.96	8.63
TOTAL		9.22

	P/ 1 PLACA	P/ 528 PLACAS
Vc (m³)	0,05	26,4
Af (m²)	0,96	506,88

RESUMO P/528 PLACAS – PPM04	
TOTAL	4.868 kg

PLACAS PRÉ-MOLDADAS – TRECHO CURVO
FORMA E ARMADURA

PLACAS PRÉ-MOLDADAS – PPM05(212x)
ESCALA=1:25



CORTE J – J
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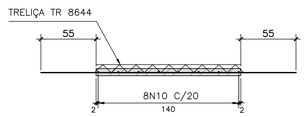
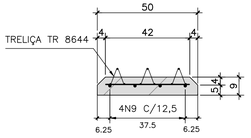


4 N9 - ø 12.5 C= 254
254

CORTE K – K
ESCALA=1:12,5



8 N10 - ø 6.3 C/20 C= 40
40

LISTA DE BARRAS				
N	ø	Q	COMPRIMENTOS	
			UNIT.(cm)	TOTAL (m)
9	12.5	4	254	10.16
10	6.3	8	40	3.20

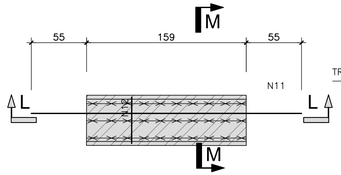
PPM05–TRELIÇAS TR–8644	
P/ 1 UNID. =	4,32m
P/ 212 UNID. =	915,84m
PESO TOTAL =	673 kg

RESUMO P/1 PLACA – PPM05		
ø	COMPRIMENTO (m)	PESO (Kg)
6.3	3.20	0.78
12.5	10.16	9.78
TOTAL		10.56

	P/ 1 PLACA	P/ 212 PLACAS
Vc (m³)	0,06	12,72
Af (m²)	1,16	245,92

RESUMO P/212 PLACAS – PPM05	
TOTAL	2.239 kg

PLACAS PRÉ-MOLDADAS – PPM06(132x)
ESCALA=1:25



CORTE L – L
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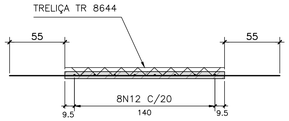

4 N11 - ø 12.5 C= 270
270

CORTE M – M
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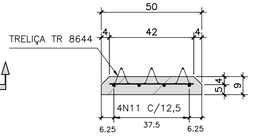

8 N12 - ø 6.3 C/20 C= 40
40

LISTA DE BARRAS				
N	ø	Q	COMPRIMENTOS	
			UNIT.(cm)	TOTAL (m)
9	12.5	4	270	10.80
10	6.3	8	40	3.20

PPM06–TRELIÇAS TR–8644	
P/ 1 UNID. =	4,77m
P/ 132 UNID. =	629,6m
PESO TOTAL =	1.327 kg

RESUMO P/1 PLACA – PPM06		
ø	COMPRIMENTO (m)	PESO (Kg)
6.3	3.20	0.78
12.5	10.80	10.40
TOTAL		11.18

	P/ 1 PLACA	P/ 132 PLACAS
Vc (m³)	0,07	9,24
Af (m²)	1,26	166,32

RESUMO P/132 PLACAS – PPM06	
TOTAL	1.476 kg

DOCUMENTOS DE REFERÊNCIA

Rodrigo Meirelles Sigaud

Assinado de forma digital por Rodrigo Meirelles Sigaud
DN: cn=Rodrigo Meirelles Sigaud, o=Planave s.a Estudos e Projetos de Engenharia, ou, email=rodrigosigaud@planave.com, c=BR
Dados: 2020.07.14 11:08:41 -03'00'

NOTAS GERAIS

NOTAS :

1_ DIMENSÕES EM CENTÍMETROS, NÍVEIS E COORDENADAS EM METRO, EXCETO ONDE INDICADO;

2_ VER NOTAS GERAIS NO DESENHO I–OAESV–X–R0/16–70–Iv;

3_ CONCRETO ESTRUTURAL:
fck=40 MPa – FATOR ÁGUA/CIMENTO ≤ 0.45;

4_ COBRIMENTO : 5,0cm

LEGENDAS

REV.	DATA	DESCRIÇÃO	EXEC.	VERIF.	APROV.
B	22/11/19	APROVADO	MAS	AEFA	BFR
A	14/10/19	PARA APROVAÇÃO	MAS	AEFA	BFR
0	06/06/19	EMISSÃO INICIAL	MAS	AEFA	BFR

ÍNDICE DE REVISÕES

PLANAVE S.A. Estudos e Projetos de Engenharia

OPERAÇÃO:	OS/OSA:	NÚMERO PLANAVE:	EMISSÃO:
1.15.285	01/00	DE–F01–B23–1034	B
CONTRATO: 158/2016	ARQUIVO: DEF01B23103481.dwg		

SECRETARIA DE INFRAESTRUTURA URBANA

EMPREENDIMENTO:
OBRA DE ARTE ESPECIAL E READEQUAÇÃO DO SISTEMA VIÁRIO

TÍTULO:
PROJETO EXECUTIVO – OBRA DE ARTE ESPECIAL
FORMA E ARMADURA
PLACAS PRÉ–MOLDADAS

ESCALA:	NÚMERO CLIENTE:	REV.:
INDICADA	I–OAESV–X–R2/16–149–Iv	2