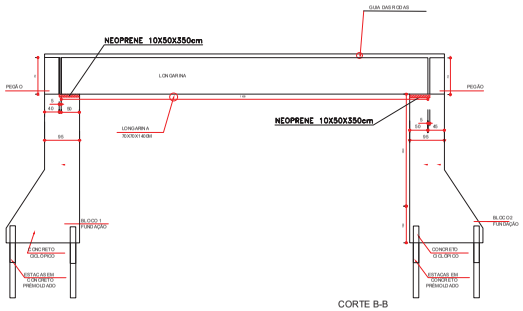
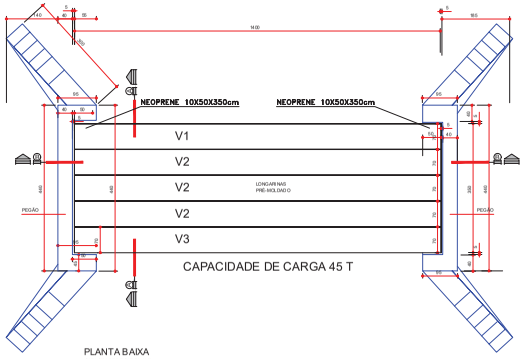
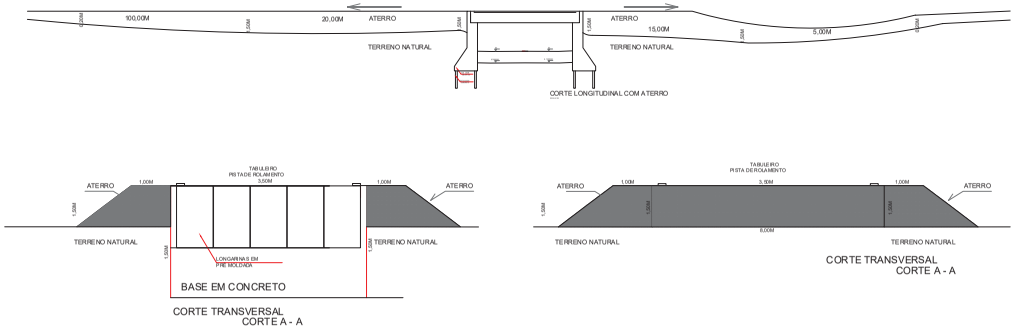


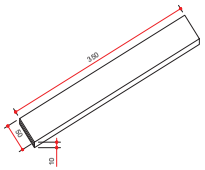
CORTE B-B
SEM ESCALA



CAPACIDADE DE CARGA 45 T

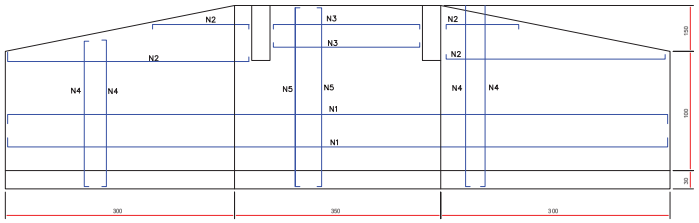
PLANTA BAIXA
CAPACIDADE DE CARGA 45 T
SEM ESCALA

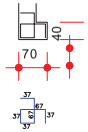




DETALHE NEOPRENE
SEM ESCALA

DETALHAMENTO DE ARMADURAS BLOCO DE FUNDAÇÃO 1 E 2





N1 = 2 x (14 Ø 5/16" C/20 – 1465)

N2 = 4 x (14 Ø 5/16" C/20 – Var.) 115 – 515

N3 = 2 x (14 Ø 5/16" C/20 – 342)

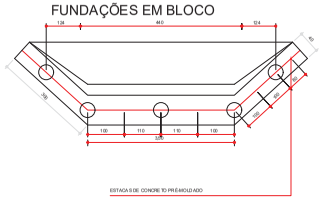
N4 = 4x (11 Ø 3/8" C/ 20 – Var.) 315 – 415

N5 = 2x(20 Ø 3/8" C/20 – 415)

PAULO WANDERSON DE SOUSA DAMASCENO:01880363186

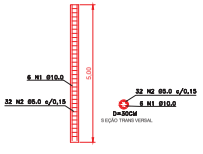
Assinado de forma digital por PAULO WANDERSON DE SOUSA DAMASCENO:01880363186
Dados: 2021.06.16 17:04:10 -03'00'

FUNDAÇÕES EM BLOCO



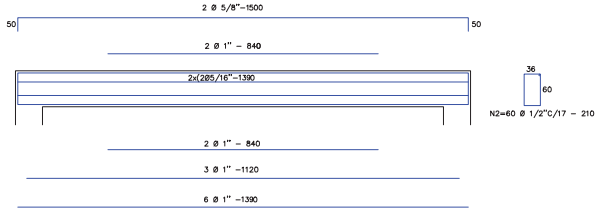
BLOCO ENTRADA E SAIDA
COM SAIAS DE ATERRO

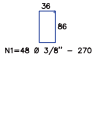
RESUMO DO AÇO ESTACAS					
BARRA	BITOLA(mm)	COMP.(M)	QTD(UN)	TOTAL(M)	PESO(KG)
N1	10,0	4,95	60,00	297,00	183,25
N2	5,0	0,97	320,00	311,49	47,97



DETALHE ESTACAS
SEM ESCALA

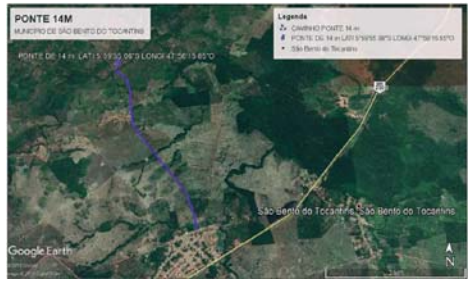
DETALHAMENTO DE ARMADURAS V1



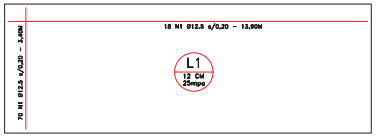


N1=48 Ø 3/8" – 270

N2=60 Ø 1/2"C/17 – 210



RESUMO DO AÇO LAJE					
BARRA	BITOLA	COMP.(M)	QTD(UN)	TOTAL(M)	PESO(KG)
N1	12,5	13,90	18,00	250,20	240,94
N2	12,5	3,40	50,00	170,00	163,71

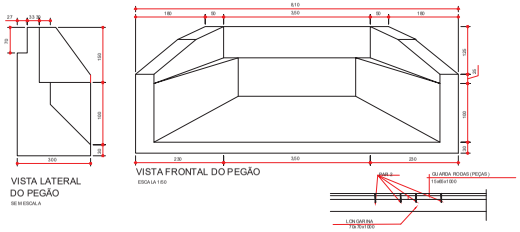


DETALHAMENTO DA LAJE
SEM ESCALA

LAJE CLASSE 45,0 TON. 49,0m²
Volume de concreto: 5,88 m3

PAULO WANDERSON DE SOUSA DAMASCENO:01880363186

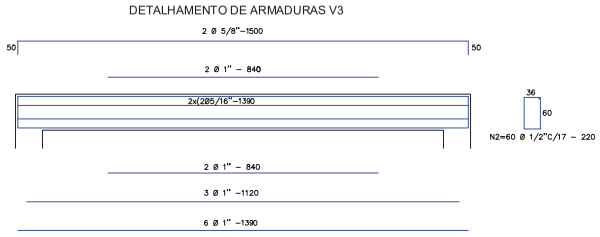
Assinado de forma digital por PAULO WANDERSON DE SOUSA DAMASCENO:01880363186
Dados: 2023.03.23 17:01:13 -03'00'

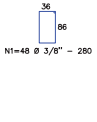


VISTA LATERAL
DO PEGÃO
SEM ESCALA

VISTA FRONTAL DO PEGÃO
ESCALA 1:100

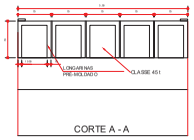
DETALHAMENTO DE ARMADURAS V3





N1=48 Ø 3/8" – 280

N2=60 Ø 1/2"C/17 – 220

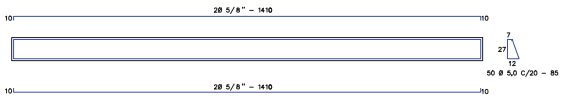


APOIO DAS LOGARINAS NO PEGÃO
SEM ESCALA

PAULO WANDERSON DE SOUSA DAMASCENO:01880363186

Assinado de forma digital por PAULO WANDERSON DE SOUSA DAMASCENO:01880363186
Dados: 2021.06.16 17:06:42 -03'00'

DETALHAMENTO DE ARMADURAS V2



QUADRO DE RESUMO					
Ø	Ø	PESO+10% (KGF)	AÇO TIPO	TRASPASSO RETO	BARRA (12 m)
5.0"	5.0"	144	CA–60–B	27	78
6.3	1/4"	339	CA–50–A	30	113
8.0	5/16"	542	CA–50–A	40	118
10.0	3/8"	759	CA–50–A	55	109
12.5	1/2"	864	CA–50–A	67	72
16.0	5/8"	186	CA–50–A	85	10
20.0	3/4"	727	CA–50–A	100	25
25.0	1"	1.129	CA–50–A	140	24
		TOTAL = 4.690		FCK = 25 MPA	

FORMA: 166 m2
Volume de concreto: 40,69 m3

PROJETO:
DRENAGEM DE ESTRADAS VICINAIS

FOLHA: 6/6

OBRA: EXECUÇÃO DE ESTRADA VICINAL EM ZONA RURAL DO MUNICIPIO DE SÃO BENTO DO TOCANTINS-TO
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE SÃO BENTO DO TOCANTINS
CNPJ: 25.053.053/0001-36
ENDEREÇO: SÃO BENTO DO TOCANTINS - TO

QUADRO DE ÁREAS
ÁREA = 49,00 m²

COORDENADAS GEOGRÁFICAS:
UTM:
LATITUDE 5° 59'55.08"S
LONGITUDE 47°56'15.65"O

ASSINATURA PROPRIETÁRIO

AUTOR PROJETO
CREA Nº 315.194/D-TO
ENGENHEIRA CIVIL
FRANCISCO AUGUSTO DA SILVA VALENTIN 05.594.708.197

RESP. TÉCNICO
CREA Nº 315.194/D-TO
ENGENHEIRA CIVIL
FRANCISCO AUGUSTO DA S. VALENTIN

ESCALA: INDICADA
DESENHO:
DATA: MARÇO DE 2019

CONTEÚDO:
PONTE PRÉ-MOLDADA 45 T - CÓRREGO BORRACHA
EXTENSÃO: 14,00 M
LARGURA: 3,50 M