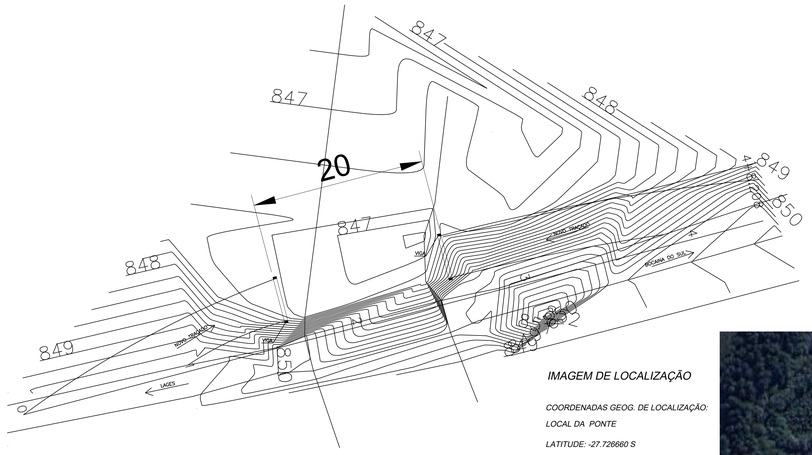


TOPOGRAFIA DO LOCAL COM O NOVO TRAÇADO

ESCALA: 1/250

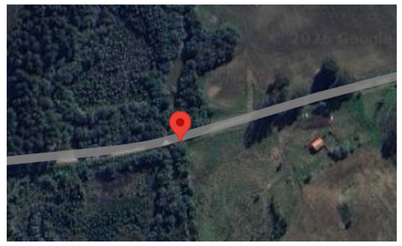
IMAGEM DE LOCALIZAÇÃO

COORDENADAS GEOG. DE LOCALIZAÇÃO:

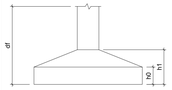
LOCAL DA PONTE

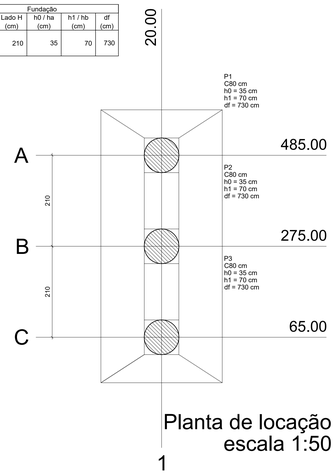
LATITUDE: -27.726660 S

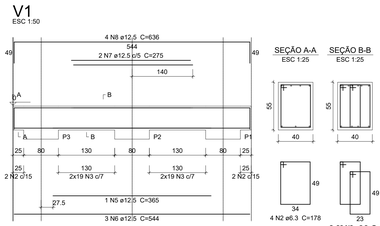
LONGITUDE: -50.028772 O

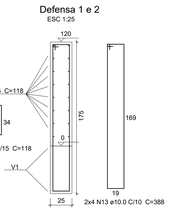


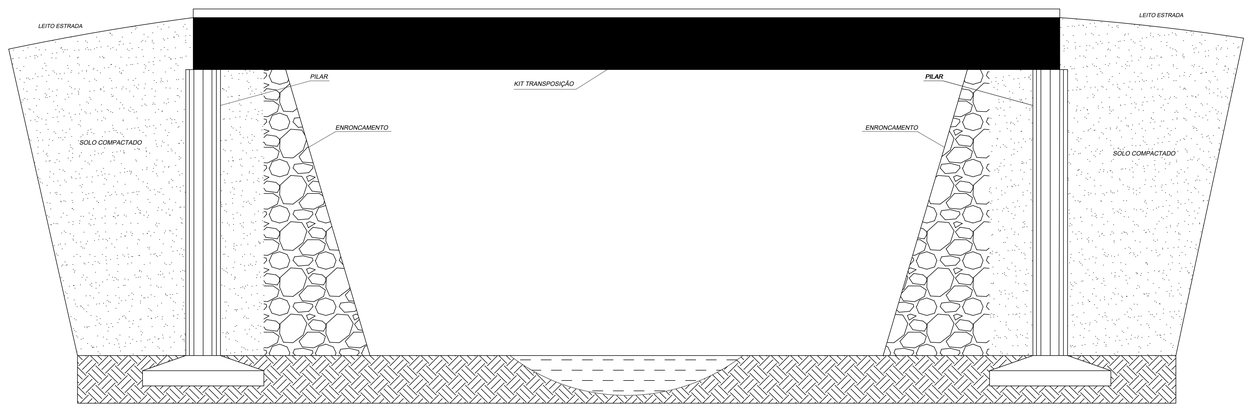
Pilar									Fundação				
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Mx (kgf.m)	My (kgf.m)	Fx (tf)	Fy (tf)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)
P1	C80	20.00	485.00	38.2	29.0	5900	0	0.0	2.4					
P2	C80	20.00	275.00	82.6	73.4	0	0	0.0	0.0	280	210	35	70	730
P3	C80	20.00	65.00	38.2	29.0	5900	0	0.0	2.4					





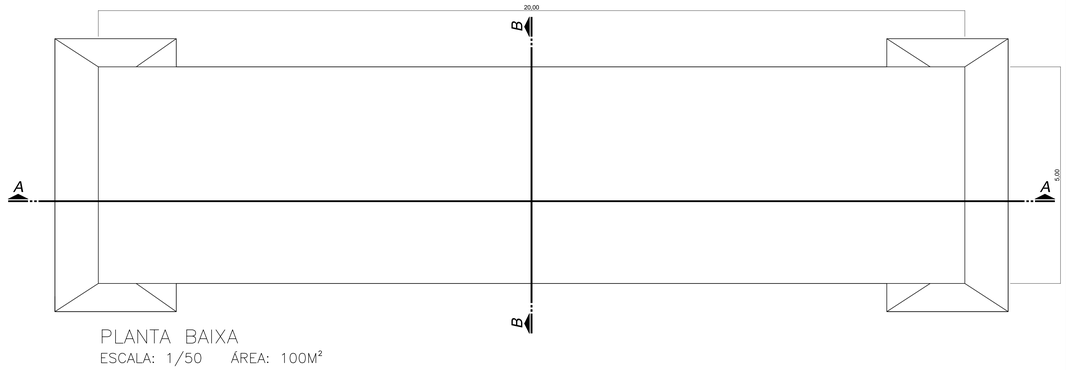






FACHADA LATERAL

ESCALA: 1/50



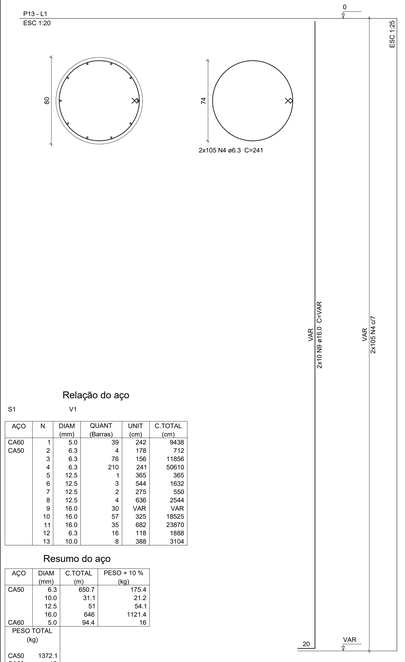
PLANTA BAIXA

ESCALA: 1/50 ÁREA: 100M²

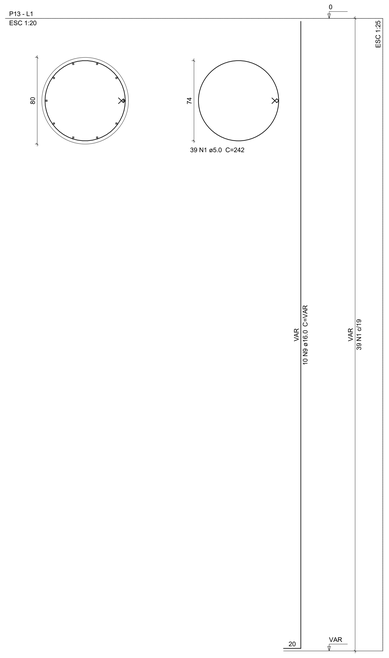
CORTE AA

ESCALA: 1/50

P1=P3



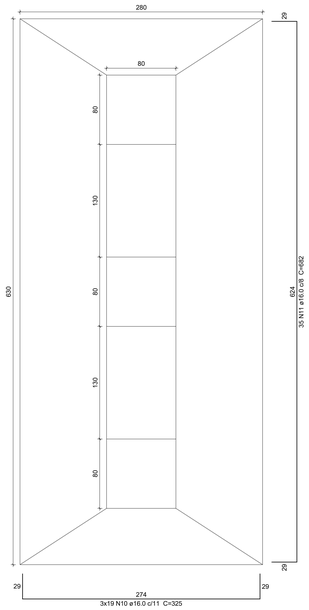
P2



S1=S2=S3

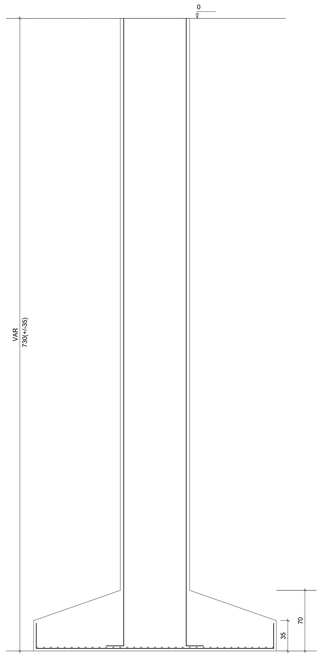
PLANTA

ESC 1:25



CORTE

ESC 1:25



Solo compactado sobre a sapata
peso específico > 2400.00 kgf/m³

Relação do aço

S1 V1

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	39	242	9438
CA50	2	6.3	4	178	712
	3	6.3	76	156	11856
	4	6.3	210	241	50610
	5	12.5	1	365	365
	6	12.5	3	544	1632
	7	12.5	2	275	550
	8	12.5	4	636	2544
	9	16.0	30	VAR	VAR
	10	16.0	57	325	18525
	11	16.0	35	682	23870
	12	6.3	16	118	1888
	13	10.0	8	388	3104

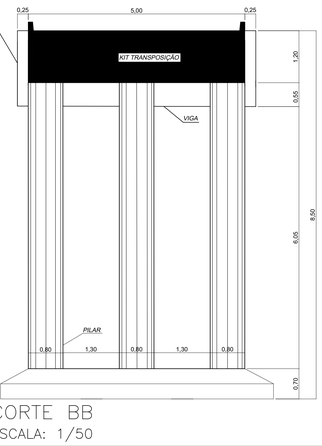
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	650.7	175.4
	10.0	31.1	21.2
	12.5	51	54.1
	16.0	646	1121.4
CA60	5.0	94.4	16

PESO TOTAL (kg)	
CA50	1372.1
CA60	16

Volume de concreto (C-25) = 22.41 m³
Área de forma = 76.7 m²

DEFENSA DO APOIO DEVE SER EXECUTADOS APÓS A MONTAGEM DO KIT



CORTE BB

ESCALA: 1/50

DEFESA CIVIL LAGES-SC

COMPDEC

COORDENADORIA MUNICIPAL DE PROTEÇÃO E DEFESA CIVIL

AVENIDA DOM PEDRO II, 1555
BAIRRO UNIVERSITÁRIO
CEP 88509-000, FONE (49) 3019-7477

LAGES

PREFEITURA DO MUNICÍPIO DE LAGES | SANTA CATARINA
CNPJ 82.777.301/0001-90
RUA BENJAMIN CONSTANT , Nº 13
BAIRRO CENTRO | CEP 88501-900
FONE (49) 3019-7400

SECRETÁRIO EXECUTIVO: PAULO DA SILVA RIBEIRO

DIRETOR: DENIS ALCEBIADES DE LIZ

PROJETO: FILIPE ANTONIO WROBLESCKI CREA: 099294-0

DESENHO:

DE ACORDO RESPONSÁVEL MUNICÍPIO

PREFEITURA DO MUNICÍPIO DE LAGES
CNPJ 82.777.301/0001-90

DE ACORDO RESPONSÁVEL TÉCNICO

Documento assinado digitalmente
gov.br FILIPE ANTONIO WROBLESCKI
Data: 27/01/2026 16:51:22-0300
Verifique em https://validar.iti.gov.br

Filipe Antonio Wroblescki
ENGENHEIRO CIVIL - CREA/SC 099294-0

OBRA: APOIO 1.3 – CONSTRUÇÃO DE ESTRUTURA DE APOIO PARA KIT DE TRANSPOSIÇÃO FORNECIDO PELA DEFESA CIVIL ESTADUAL

ENDEREÇO: ESTRADA GERAL DE 3 ÁRVORES, COORDENDAS GEOGRÁFICAS -27.726660 DE LATITUDE E -50.028772 DE LONGITUDE

NOME: PEB

DESCRIÇÃO: PROJETO EXECUTIVO BÁSICO

DATA: MAR/2026

ESCALA: INDICADAS

ÁREA: 100M²

PRANCHA: 01/01

PRANCHA A0