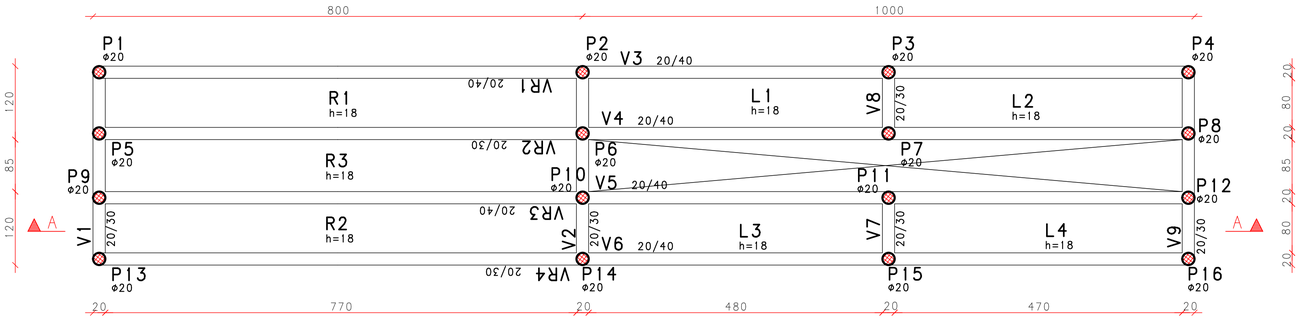
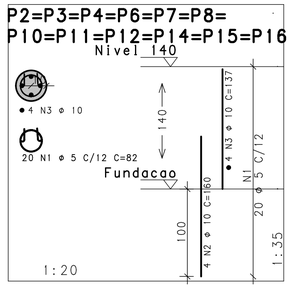
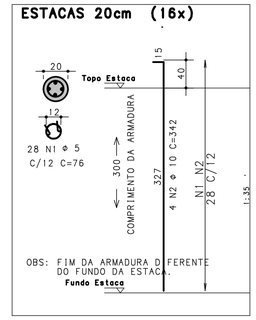


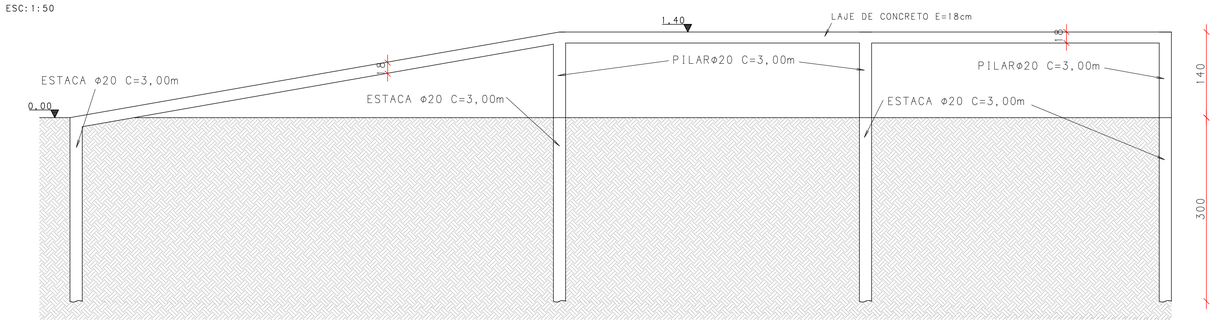




RESUMO DE AÇO			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60A	5	793	122
50A	6.3	523	128
50A	8	632	250
50A	10	780	481
50A	12.5	205	197
50A	16	39	62
Peso Total		60A =	122 kg
Peso Total		50A =	1118 kg

FORMAS RAMPA

ESC: 1:50

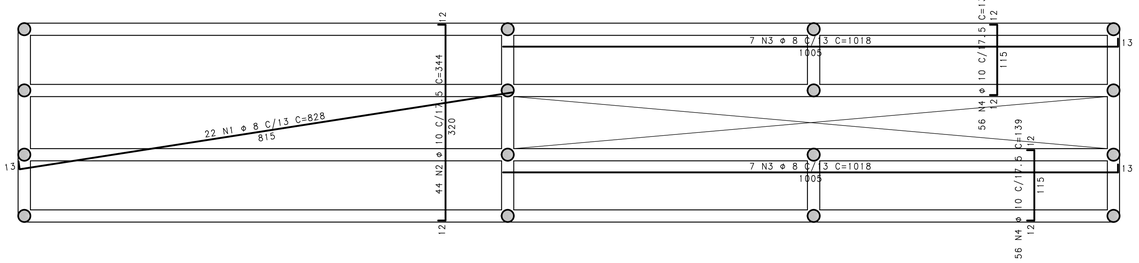


CORTE AA

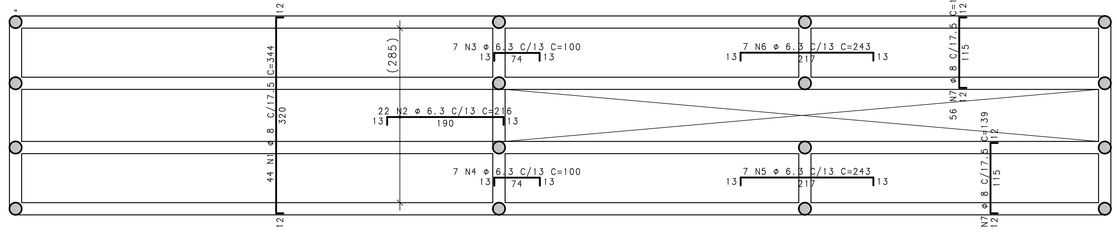
OBS: AS POSIÇÕES P1,P5,P9 E P13 SÃO APENAS ESTACAS

ESC: 1:50

Nivel 140 - Armadura positiva

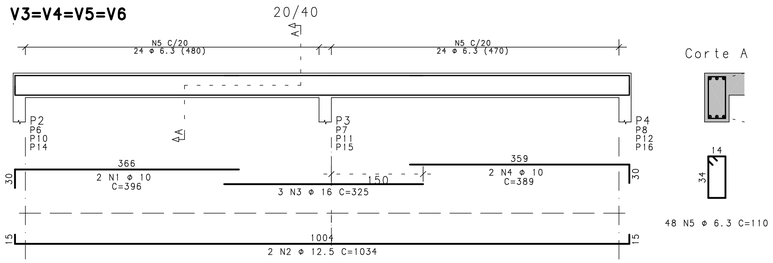


Nivel 140 - Armadura negativa



V3=V4=V5=V6

20/40

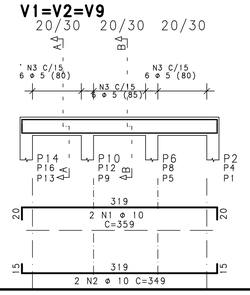


Corte A

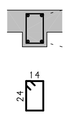
48 N5 ø 6.3 C=110

V1=V2=V9

20/30 20/30 20/30

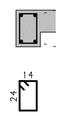


Corte A



12 N3 ø 5 C=89

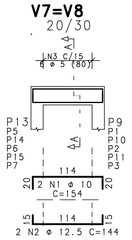
Corte B



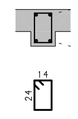
6 N3 ø 5 C=89

V7=V8

20/30

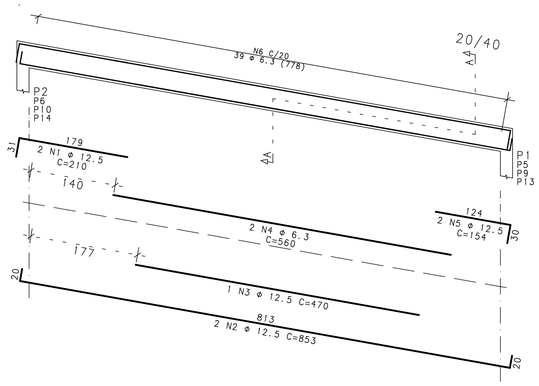


Corte A



6 N3 ø 5 C=89

VR1=VR2=VR3=VR4



Corte A

39 N6 ø 6.3 C=110

ESPECIFICAÇÕES TÉCNICAS

1- O projeto estrutural segue a NBR 6118:2014
2- Qualquer alteração do projeto a ser realizada deve ser consultado o projetista.
3- fck=20MPa,Ecs=21GPa,para toda a obra, conforme tabela 8.1 da NBR 6118:2014
4- Aço CA-50.
5- Cobrimento ⩾ 2,5cm.
6- Realizar cura após concretagem por no mínimo 5 dias.
7- Relação Água/Cimento = 0,55.
8- Direitos autorais do projeto: Technisan Engenharia LTDA. Cópias não podem ser realizadas sem autorização.
9- Conferir medidas em obra.

TECHNISAN ENGENHARIA
Rua Cel. Niederauer, 608 - térreo
B. Bonfim, Santa Maria/RS
technisan@gmail.com

Projeto: Estrutural Rampa de Manutenção e Limpeza Área:58,50 m2 Endereço: Parque de Exposições Walter Jobim, Estrada do Biscai, Dilermando de Aguiar/RS	Prancha: Formas Rampa Arm. Laje Rampa Estacas e Pilares Vigas Rampa
Responsável Técnico: THIAGO MOTTECY PIOVEZAN: 01235762025 Eng.Civil Thiago M.Piovezan CREA-RS 197.361	Contratante: Prefeitura Dilermando de Aguiar Proprietário: Prefeitura Dilermando de Aguiar
Data: Mar/2024	Escala: INDICADA
Revisão:	Desenho: MO

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THIAGO MOTTECY PIOVEZAN PL_DIL-NIV-VIG-001-R00.PLT 22/05/2024 13:51:01