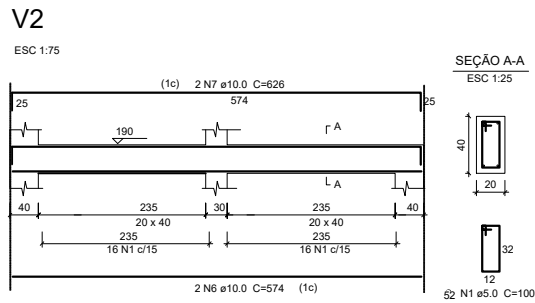
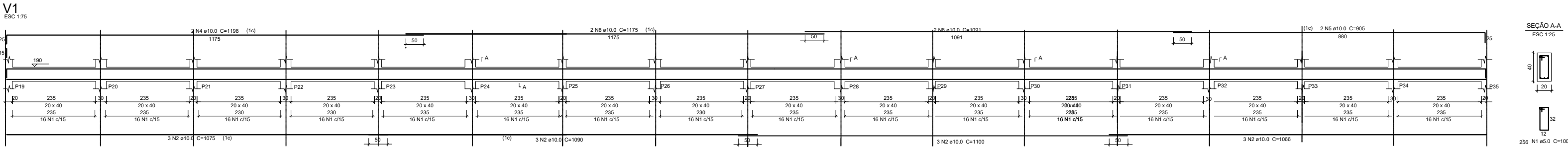
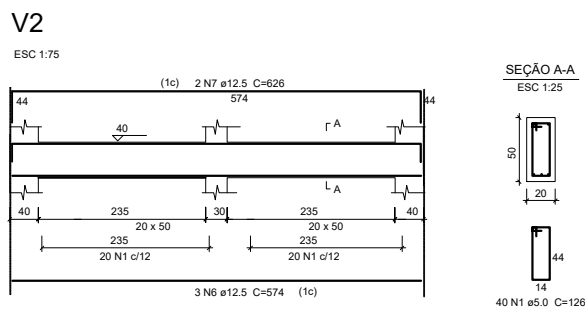
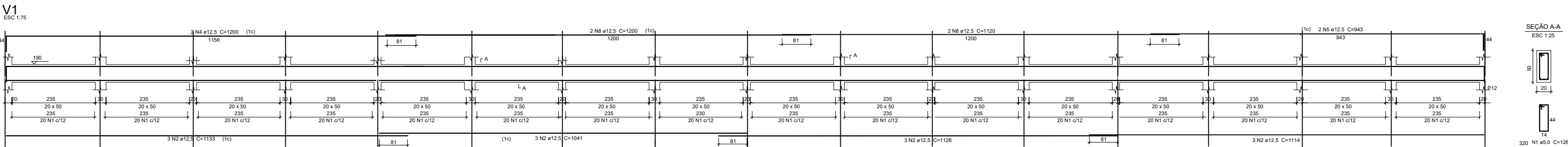


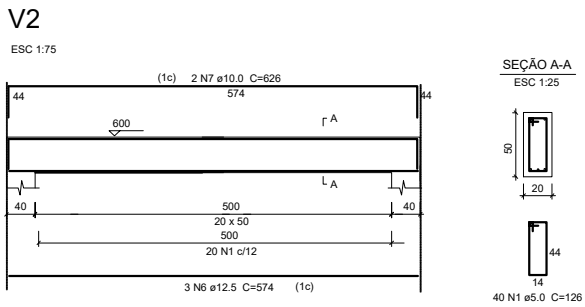
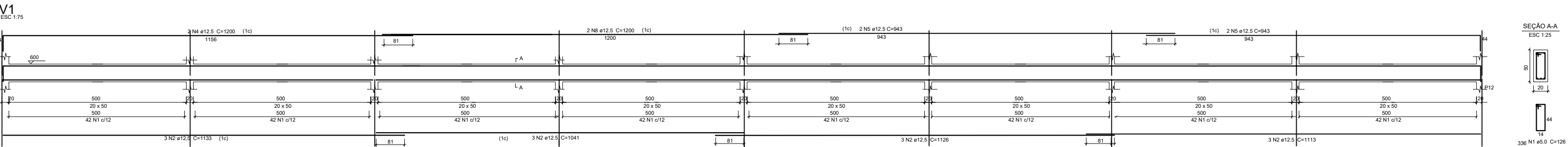
VIGAS INTERMEDIÁRIAS



VIGAS BALDRAMES



VIGAS SUPERIORES



PROJETO ESTRUTURAL BAIA DE AGREGADOS

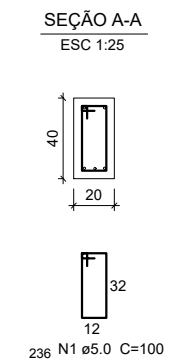
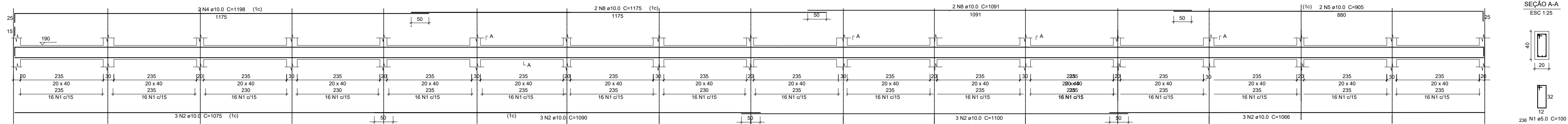
1 : 75



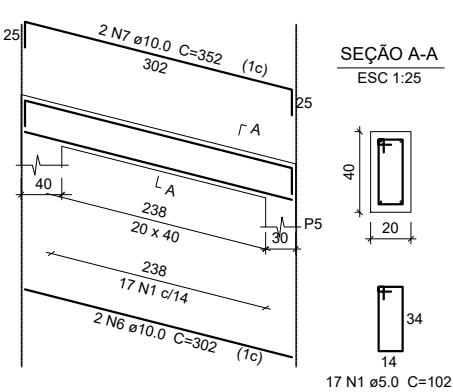
TÍTULO: PROJETOS DE ENGENHARIA	
OBRA: Usina de Produção de Concreto Asfáltico	
LOCAL: Pedras Grandes - SC	
PROPRIETÁRIO: CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO: - Baia de Agregados - Projeto Estrutural	RESPONSÁVEL TÉCNICO: Cleitton Gasperin CREA/SC 171104-9
DATA: Dez/2024	PRANCHAS: 1/3

Assinado por 1 pessoa: CLEITTON GASPERIN
Para verificar a validade das assinaturas, acesse <https://cimanurel.toc.com.br/verificacao/0076-39A1-1303-1051> e informe o código 0076-39A1-1303-1051

V1
ESC 1:7



V2
ESC 1:50



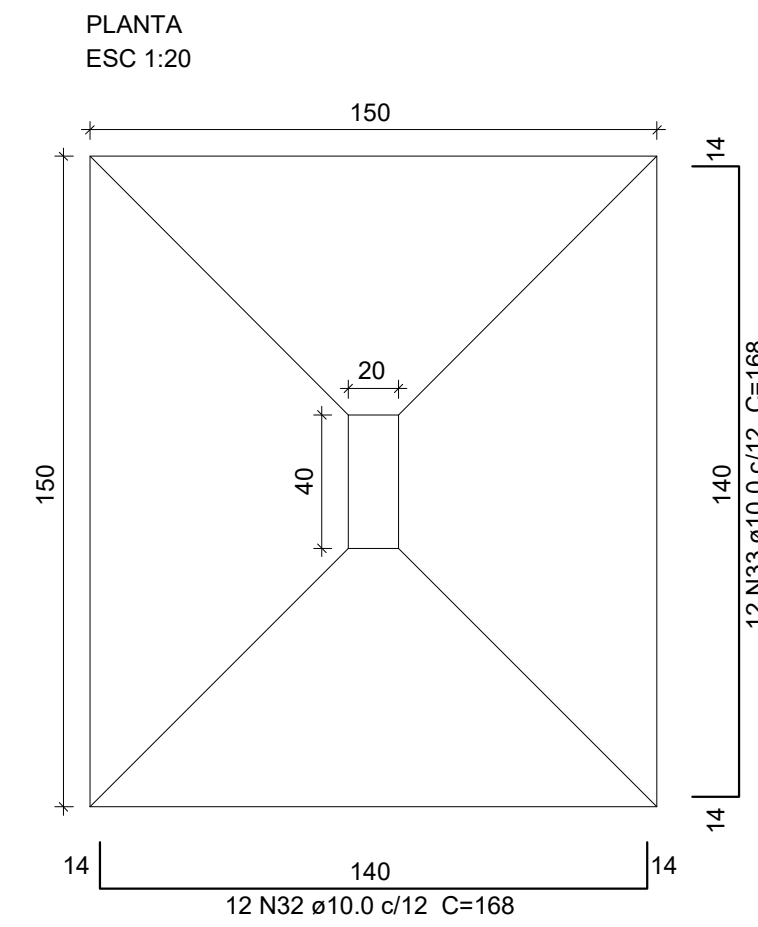
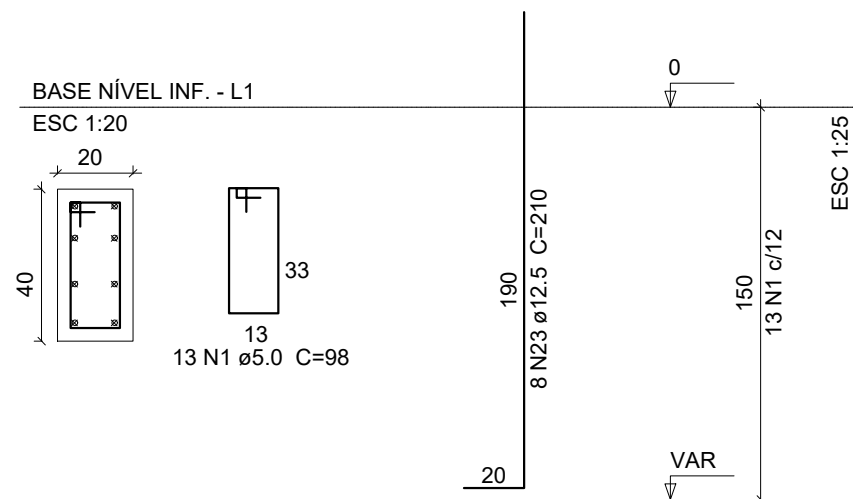
1 : 75



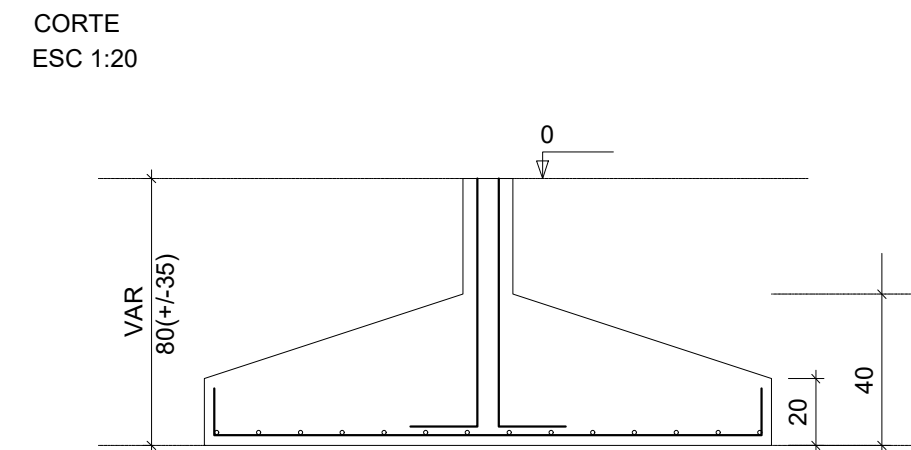
TÍTULO:	
<h1>PROJETOS DE ENGENHARIA</h1>	
OBRA:	
Usina de Produção de Concreto Asfáltico	
LOCAL:	
Pedras Grandes - SC	
PROPRIETÁRIO:	
CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO: - Baía dos Agregados - Projeto Estrutural	RESPONSÁVEL TÉCNICO: <div style="text-align: center; border-top: 1px solid black; margin-top: 10px;"> Cleiton Gasperin <small>CREA/SC 171104-9</small> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center;"> <small>DATA:</small> Jul/2024 </div> <div style="border: 1px solid black; padding: 2px; text-align: center;"> <small>PRANCHA:</small> 2/3 </div> </div>

$S_1=S_2=S_3=S_4=S_5=S_6=S_7=S_8=S_9=S_{19}=S_{21}=S_{23}=S_{25}=S_{27}=S_{29}=S_{31}=S_{33}=S_{34}$

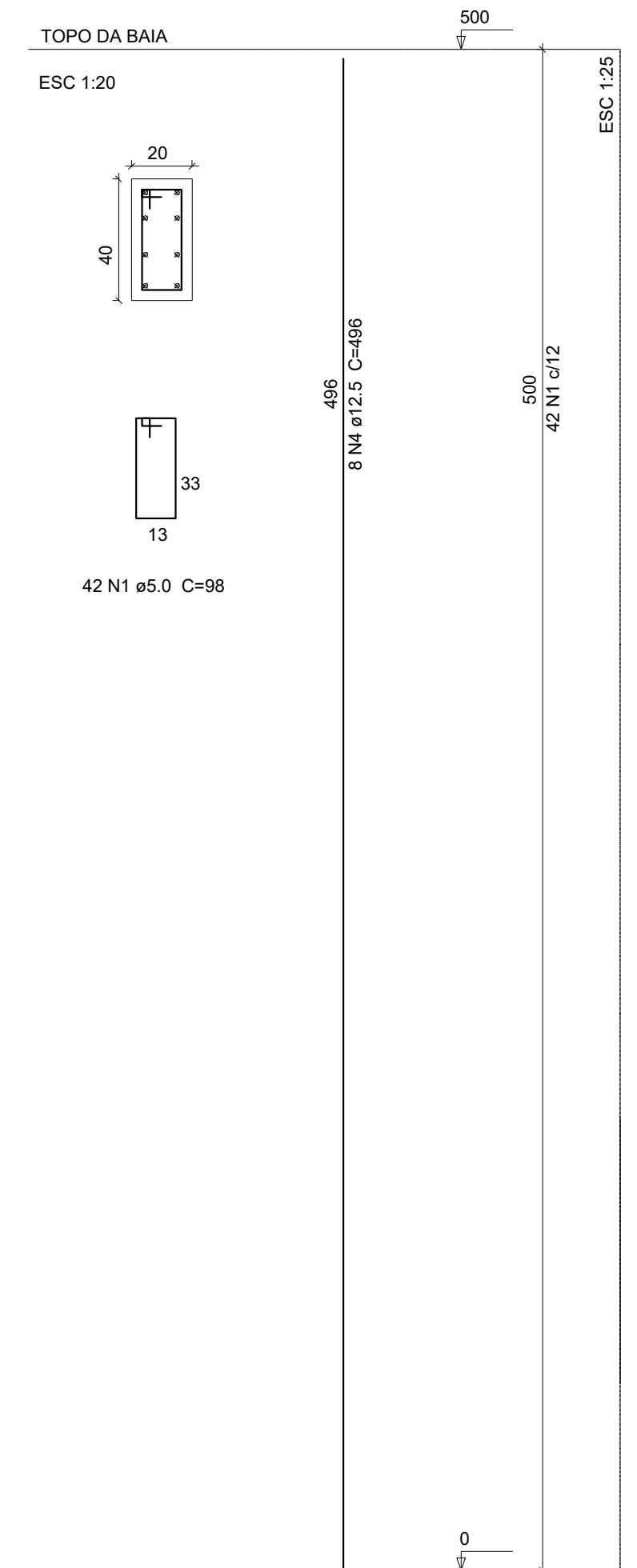
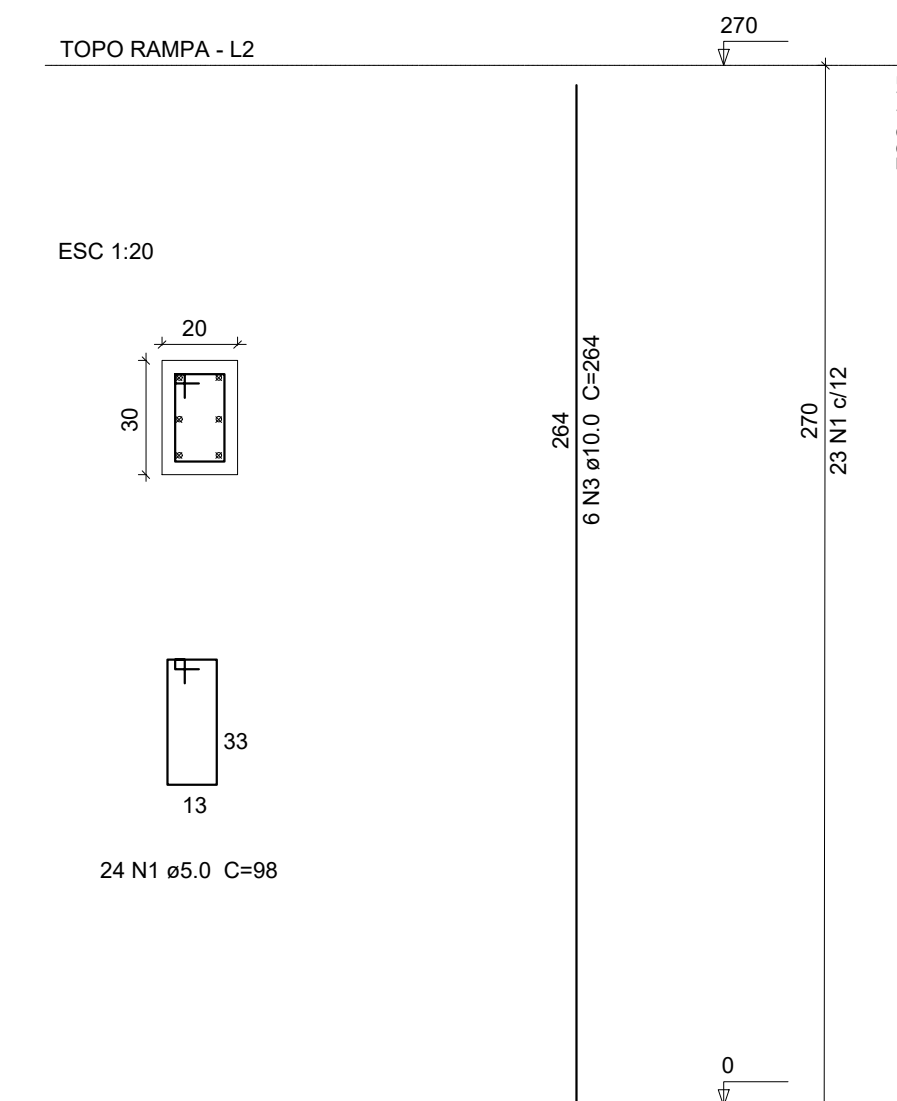
PILARES 20X40



Solo com capacidade de suporte > 2000.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kg/m³

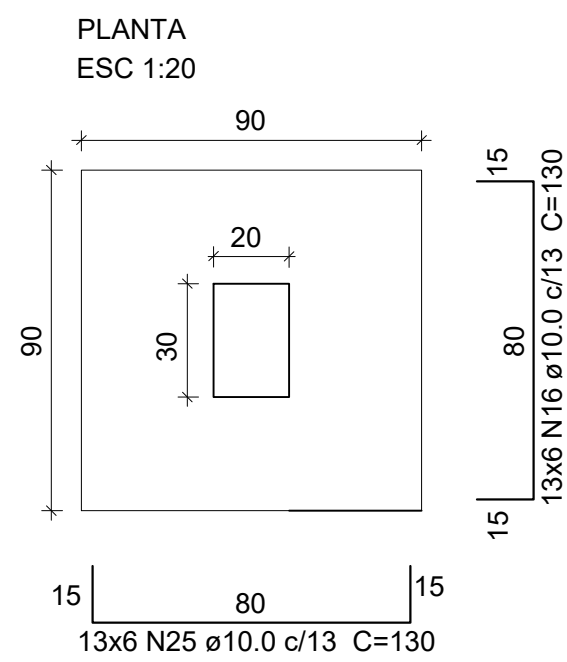
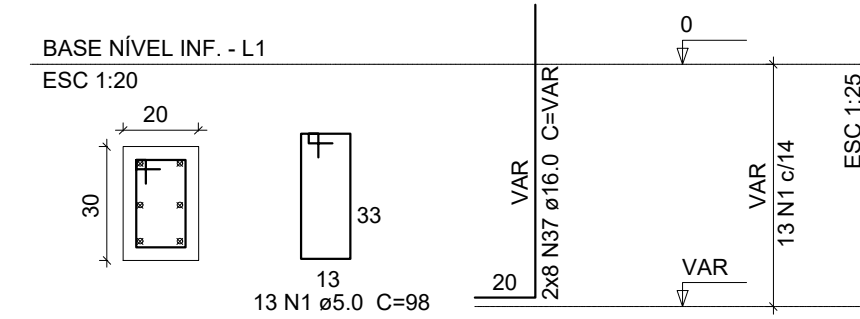

$$P_{10}=P_{11}=P_{12}=P_{13}=P_{14}=P_{15}=P_{16}=P_{17}=P_{18}$$

PILARES 20X40

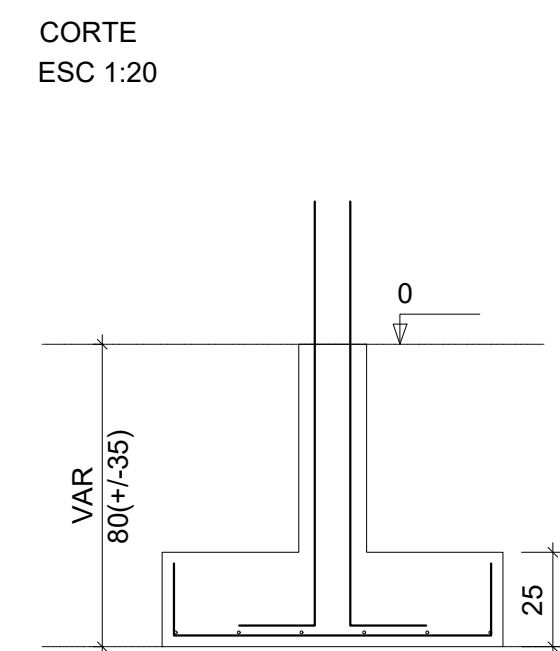


$S_{10}=S_{11}=S_{12}=S_{13}=S_{14}=S_{15}=S_{16}=S_{17}=S_{18}=S_{20}=S_{22}=S_{24}=S_{26}=S_{28}=S_{30}=S_{32}=S_{34}$

PILARES 20X30



Solo com capacidade de suporte > 1800.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



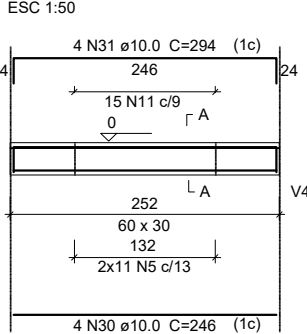
PROJETO ESTRUTURAL BAIA DE AGRAGADOS

1 :20

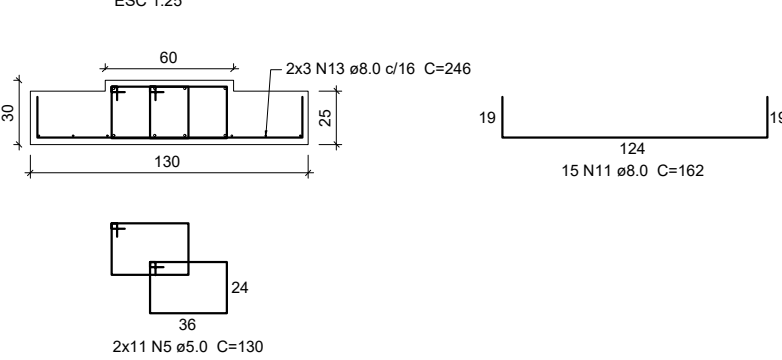


TÍTULO:	
<h1>PROJETOS DE ENGENHARIA</h1>	
OBRA:	
<h2>Usina de Produção de Concreto Asfáltico</h2>	
LOCAL:	
<h3>Pedras Grandes - SC</h3>	
PROPRIETÁRIO:	
<h3>CONSORCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL</h3>	
ASSUNTO: - Canteiro de Obras - Descrição	RESPONSÁVEL TÉCNICO: <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> Clerton Gasperin <small>CREA/SC 171104-9</small> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 45%;"> DATA: Dez/2024 </div> <div style="border: 1px solid black; padding: 5px; width: 45%;"> PRANCHAS: <div style="text-align: right; font-size: 1.5em; font-weight: bold;">3/3</div> </div> </div>

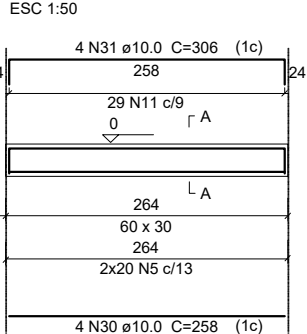
V7, V8, V10, V11, V12



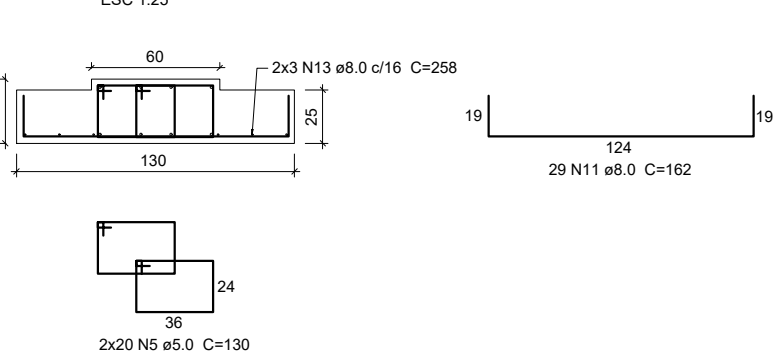
SEÇÃO A-A



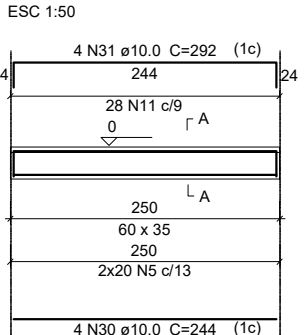
V13



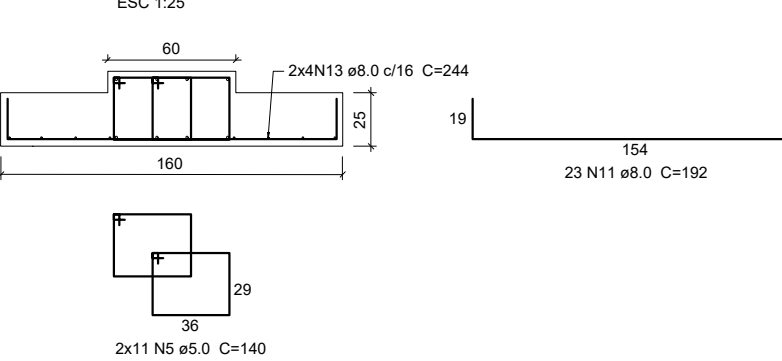
SEÇÃO A-A



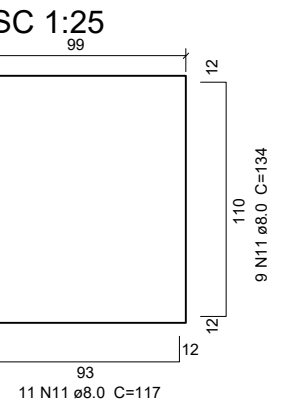
V1, V2, V3, V4



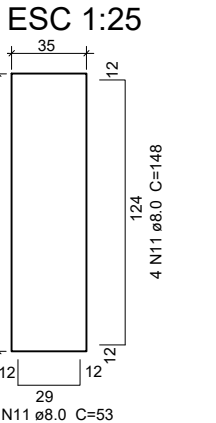
SEÇÃO A-A



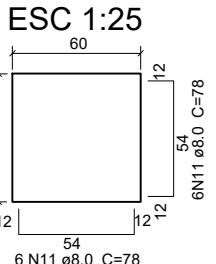
R1



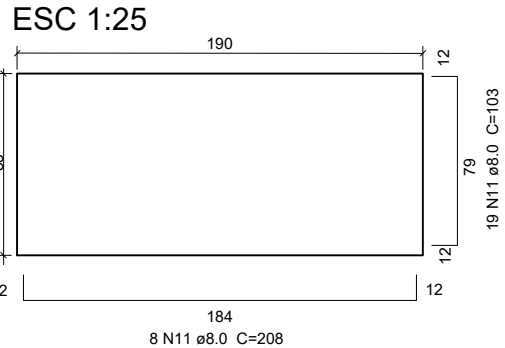
R2



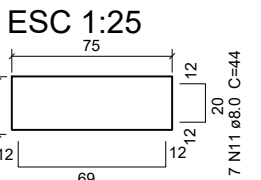
R3



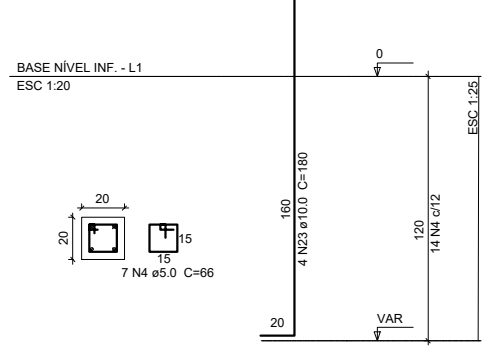
R4



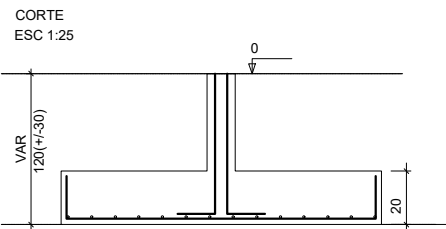
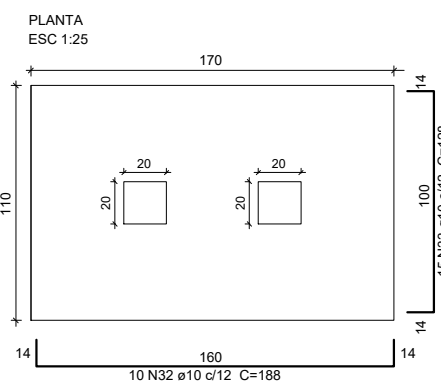
R5



P1,P2,P3,P4



S1,S2



PROJETO ESTRUTURAL BASE DA USINA DE ASFALTO

1 : 100

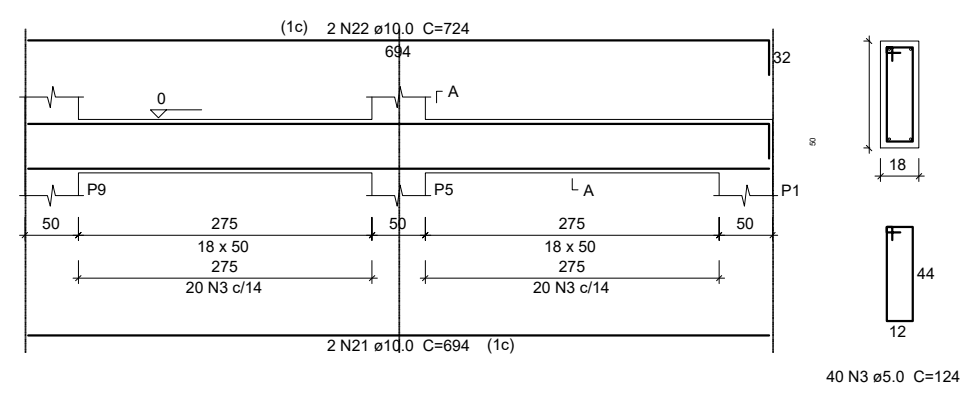


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Consórcio Intermunicipal Multifinalitário
dos Municípios da AMUREL

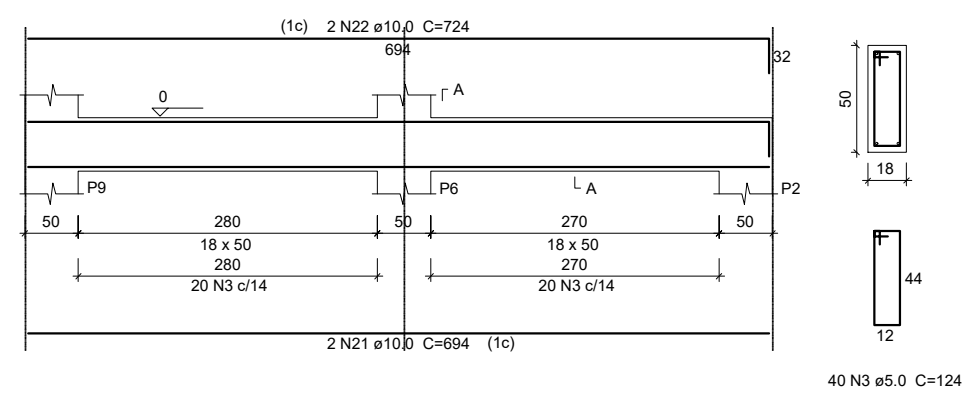
TÍTULO:	PROJETOS DE ENGENHARIA		
OBRA:	Usina de Produção de Concreto Asfáltico		
LOCAL:	Pedras Grandes - SC		
PROPRIETÁRIO:	CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL		
ASSUNTO:	- Projeto Estrutural, base da Usina de Asfalto - Descrição		
RESPONSÁVEL TÉCNICO:	Cleiton Gasperin CREA/SC 171104-9		
DATA:	Dez/2024	PRANCHAS:	1/

Vigas Baldrame - Rampa

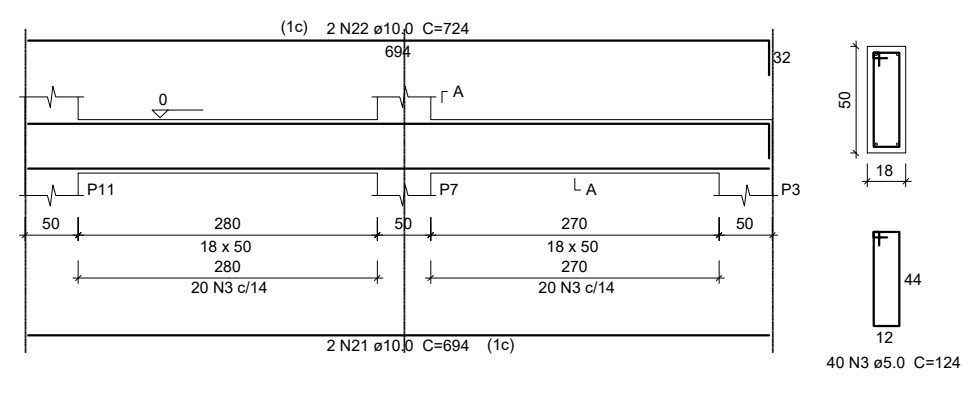
V17
ESC 1:50



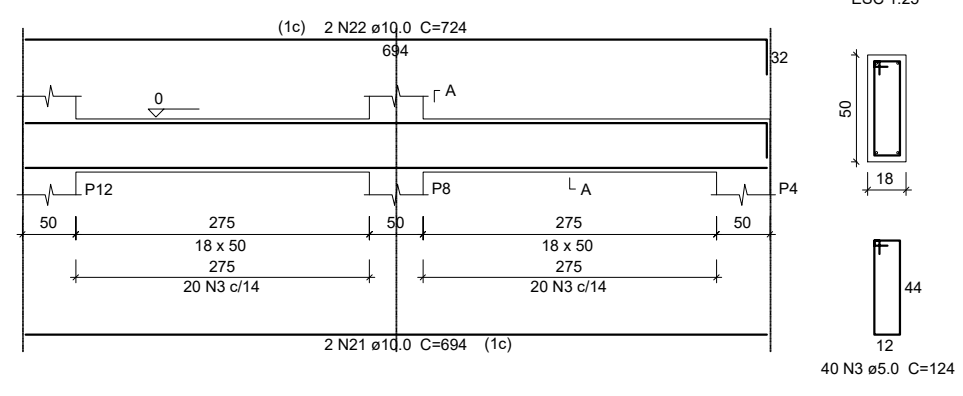
V18
ESC 1:50



V19
ESC 1:50

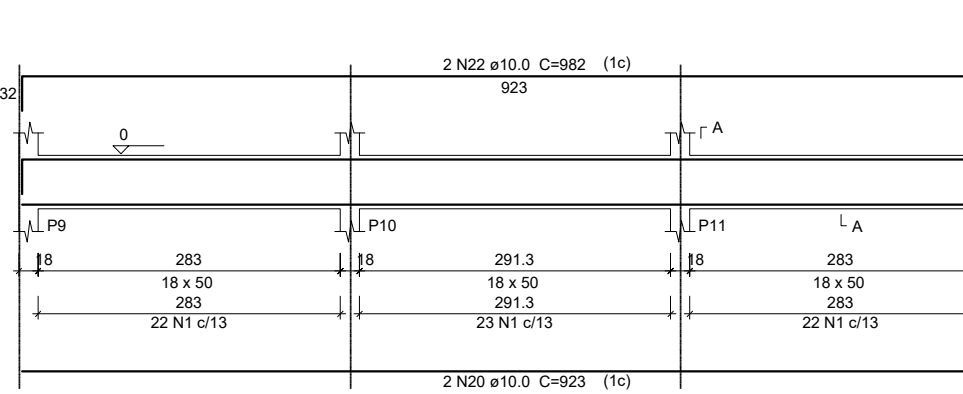


V20
ESC 1:50

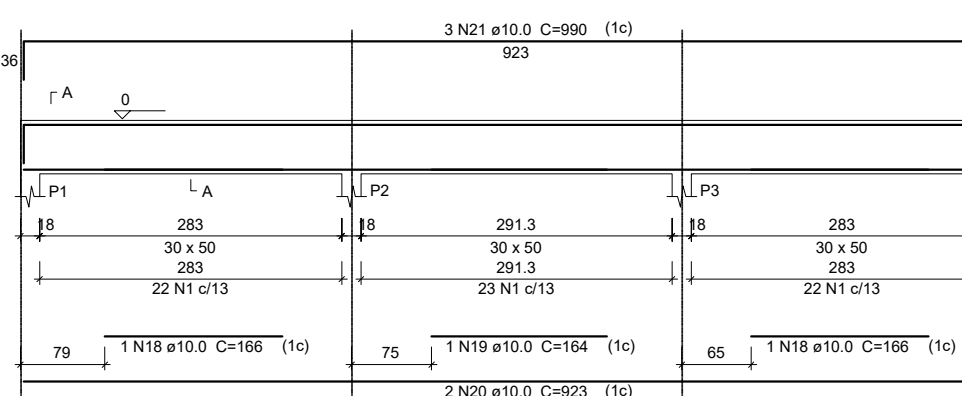


Vigas Travamento - Rampa

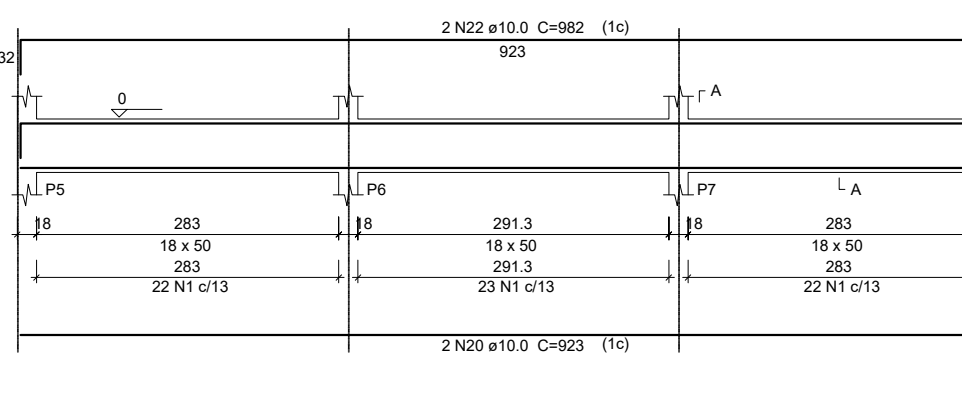
V9
ESC 1:50



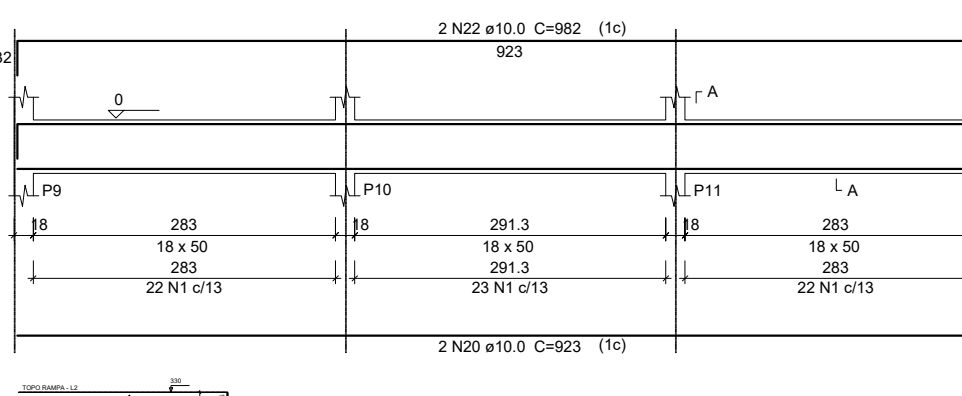
V14
ESC 1:50



V15
ESC 1:50



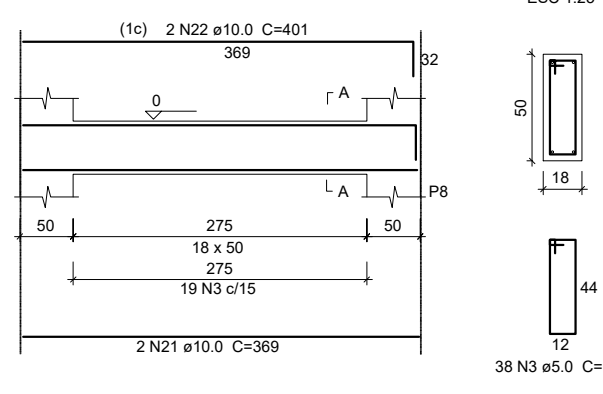
V16
ESC 1:50



V20
ESC 1:50

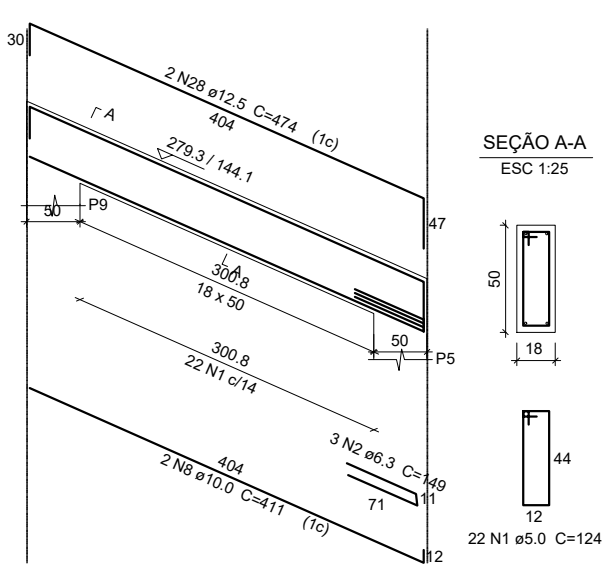


V20
ESC 1:50

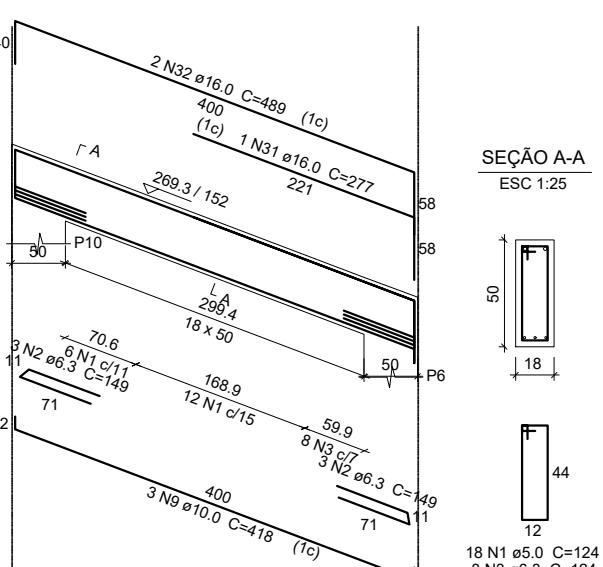


Vigas Superiores - Rampa

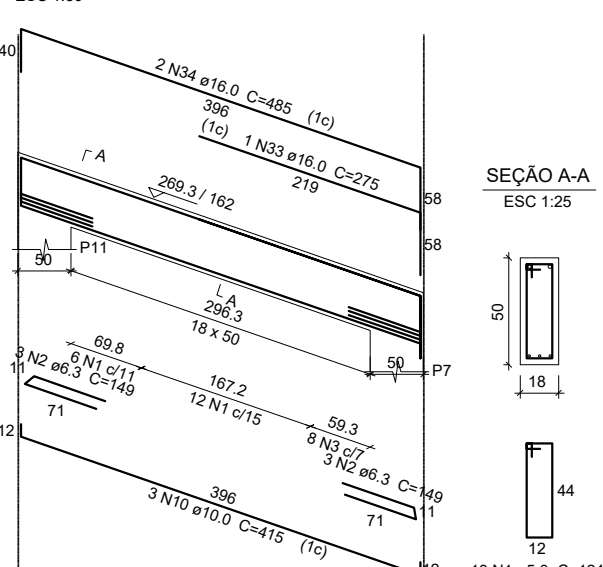
V1
ESC 1:50



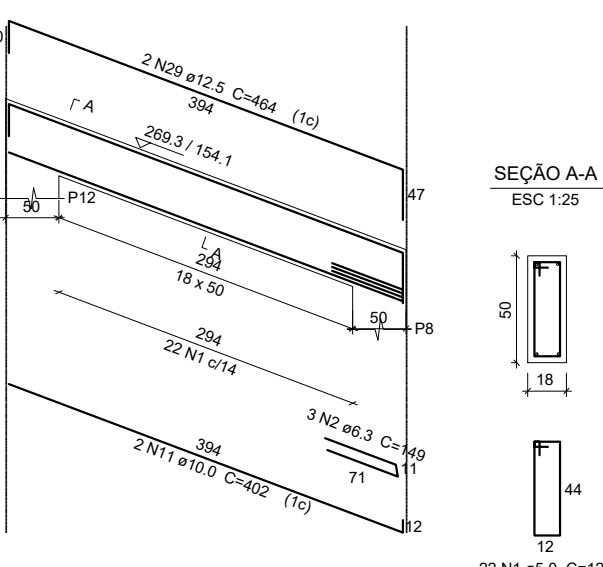
V2
ESC 1:50



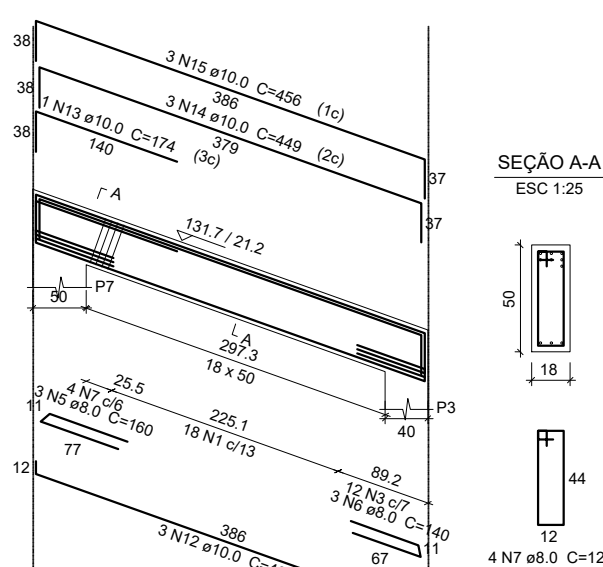
V3
ESC 1:50



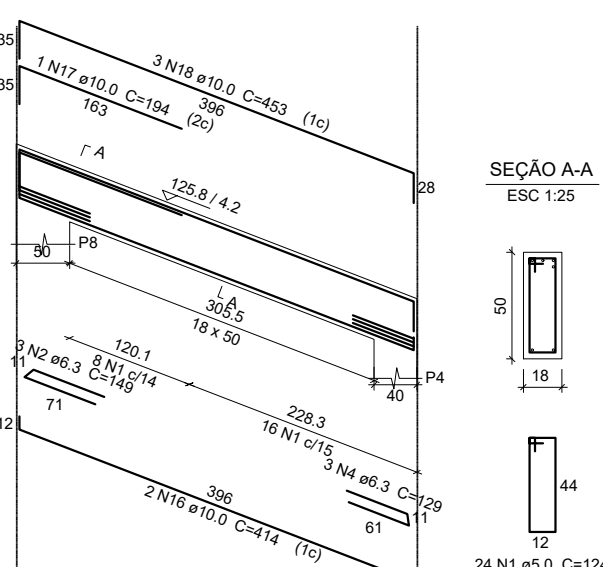
V4
ESC 1:50



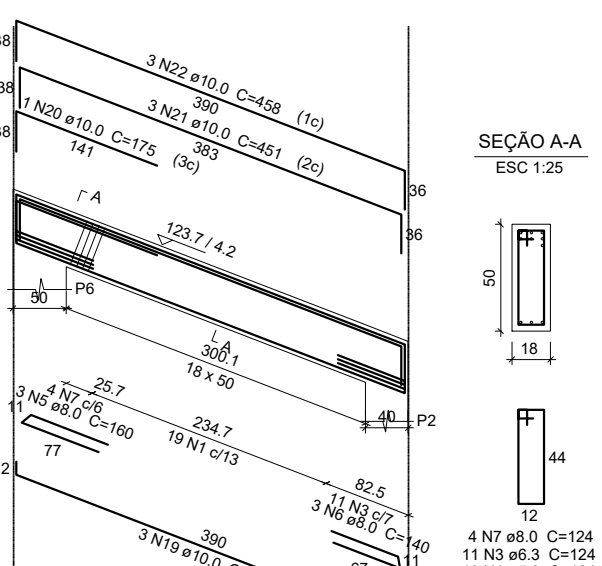
V5
ESC 1:50



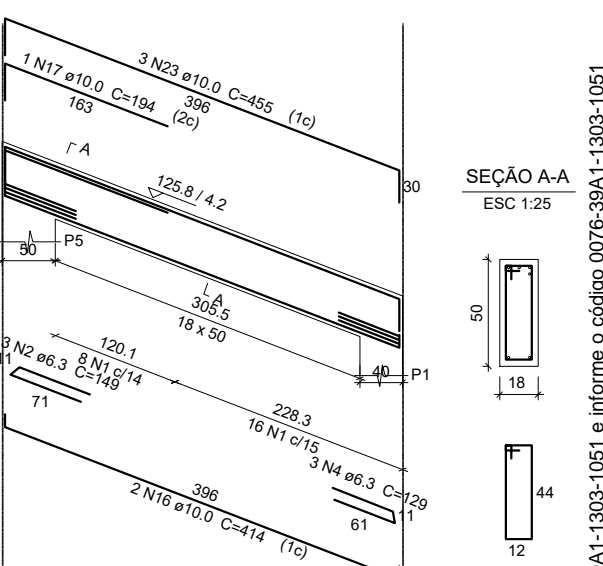
V6
ESC 1:50



V7
ESC 1:50



V8
ESC 1:50



CIM - AMUREL
Consórcio Intermunicipal Multifuncional
dos Municípios da AMUREL

TÍTULO:
PROJETOS DE ENGENHARIA

OBRA:
Usina de Produção de Concreto Asfáltico

LOCAL:
Pedras Grandes - SC

PROPRIETÁRIO:
CONSÓRCIO INTERMUNICIPAL MULTIFUNCIONAL DOS MUNICÍPIOS DA AMUREL

ASSUNTO:
- Rampa
- Projeto Estrutural

RESPONSÁVEL TÉCNICO:
Cleiton Gasperin
CREA/SC 171104-9

DATA:
Dez/2024

FRANCHA:
1/2



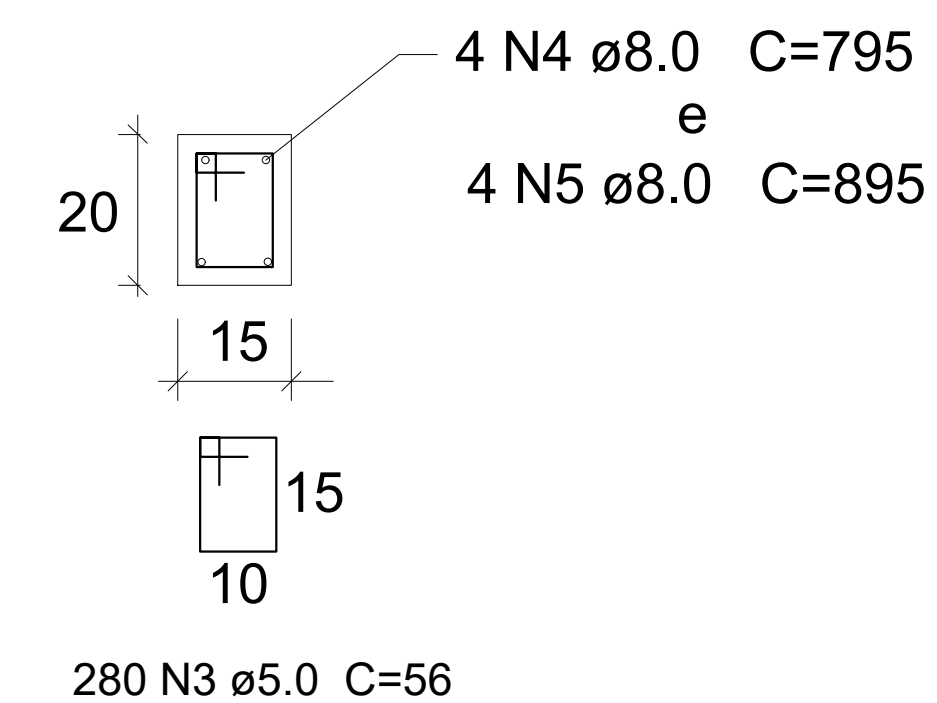
ESC 1:25

TOPO RAMPA - L2

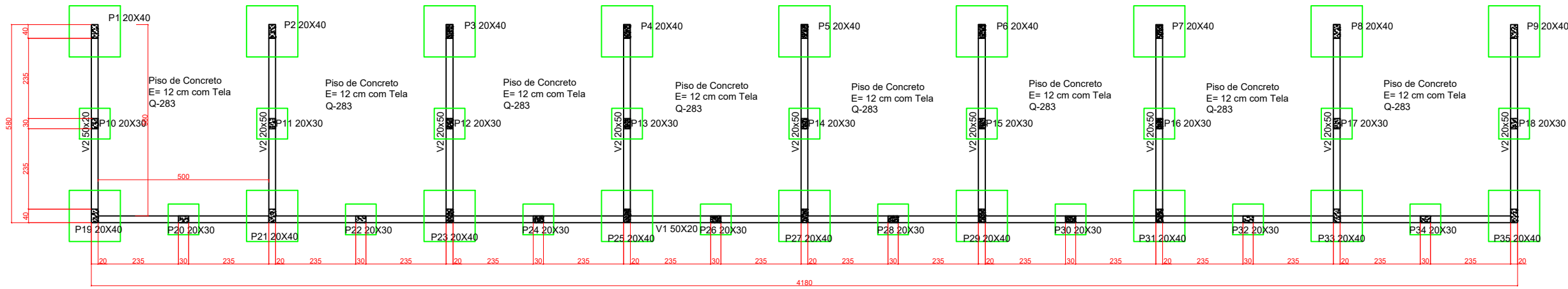


SEÇÃO A-A

ESC 1:25

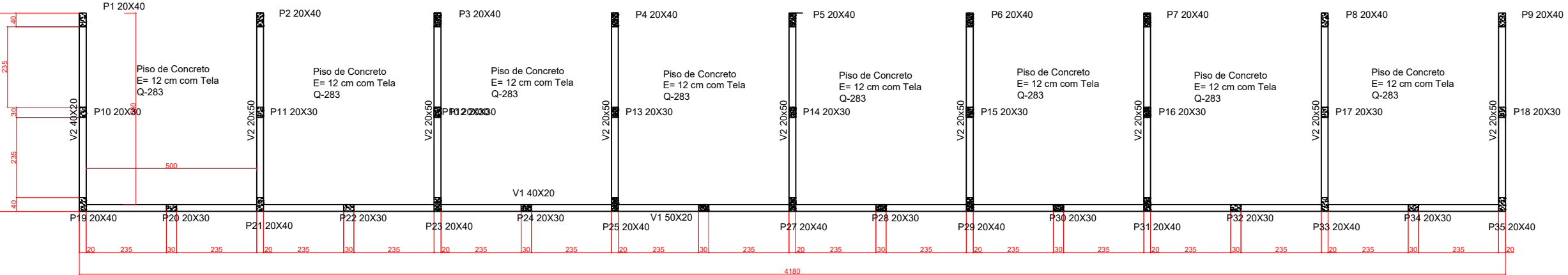


TÍTULO: <div style="text-align: center; font-size: 24px; font-weight: bold; margin-top: 10px;">PROJETOS DE ENGENHARIA</div>	
OBRA: <div style="text-align: center; font-size: 18px; font-weight: bold; margin-top: 5px;">Usina de Produção de Concreto Asfáltico</div>	
LOCAL: <div style="text-align: center; font-size: 18px; font-weight: bold; margin-top: 5px;">Pedras Grandes - SC</div>	
PROPRIETÁRIO: <div style="text-align: center; font-size: 14px; font-weight: bold; margin-top: 5px;">CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL</div>	
ASSUNTO: <div style="margin-top: 5px;"> - Radier para base de contenção, taques de emulsão - Projeto Estrutural </div>	RESPONSÁVEL TÉCNICO: <div style="text-align: center; margin-top: 10px;"> Cleiton Gasperin <small>CREA/SC 171104-9</small> </div>
DATA: <div style="text-align: center; font-size: 18px; font-weight: bold; margin-top: 5px;">Dez/2024</div>	PRANCHA: <div style="text-align: center; font-size: 24px; font-weight: bold; margin-top: 5px;">1/1</div>



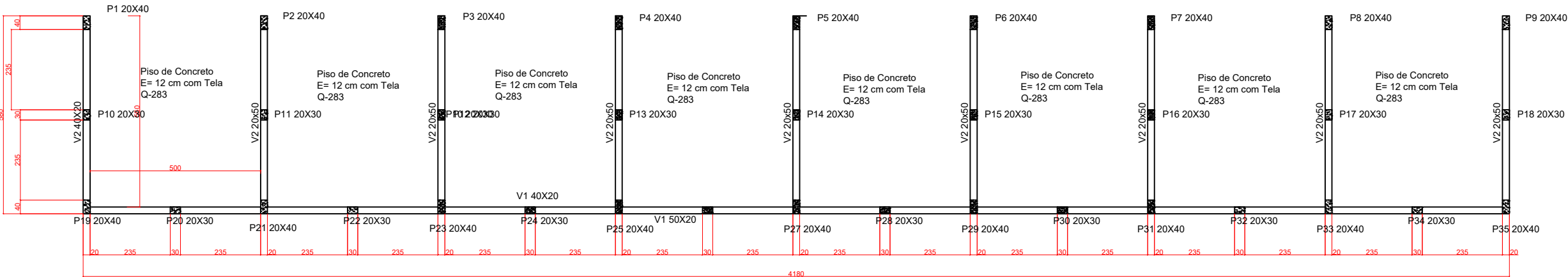
PLANTA BAIXA BAIA DOS AGREGADOS

1 : 100



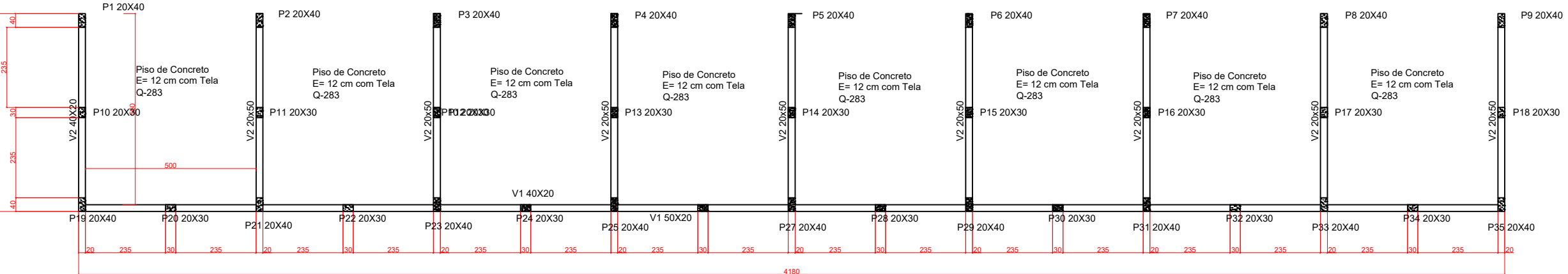
PLANTA BAIXA BAIA DOS AGREGADOS INTERMEDIÁRIO

1 : 100



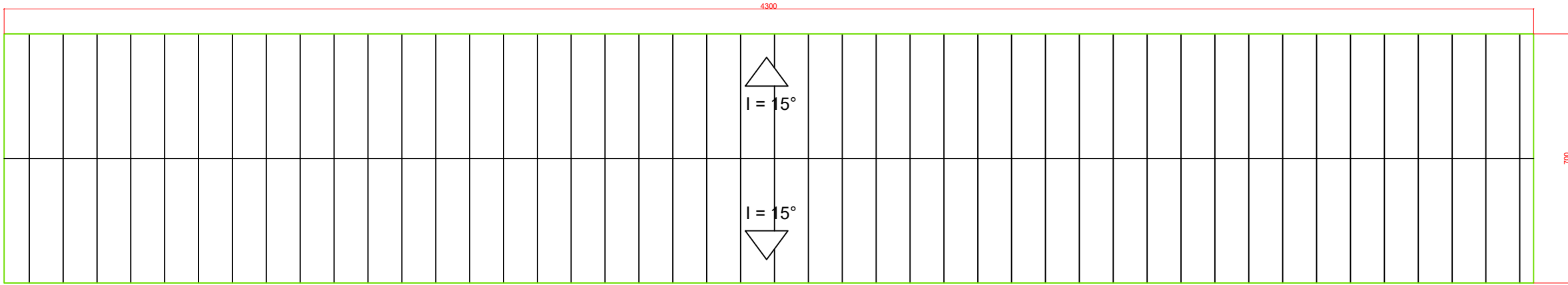
PLANTA BAIXA BAIA DOS AGREGADOS RESPALDO

1 : 100



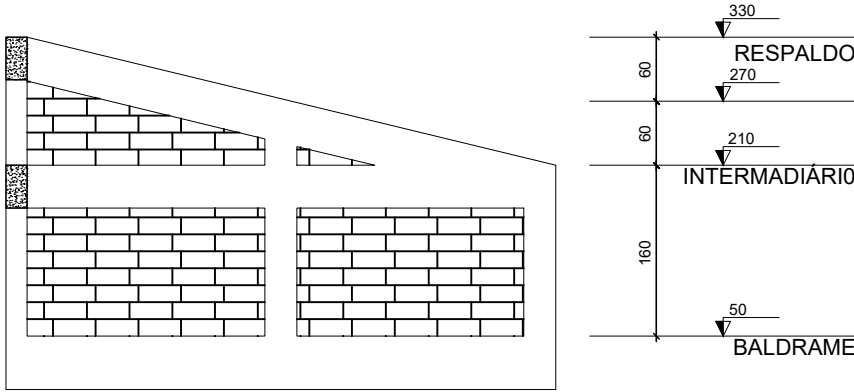
PLANTA VIGAS SUPERIORES BAIA DOS AGREGADOS

1 : 100



PLANTA DE COBERTURA BAIA DOS AGREGADOS

1 : 100

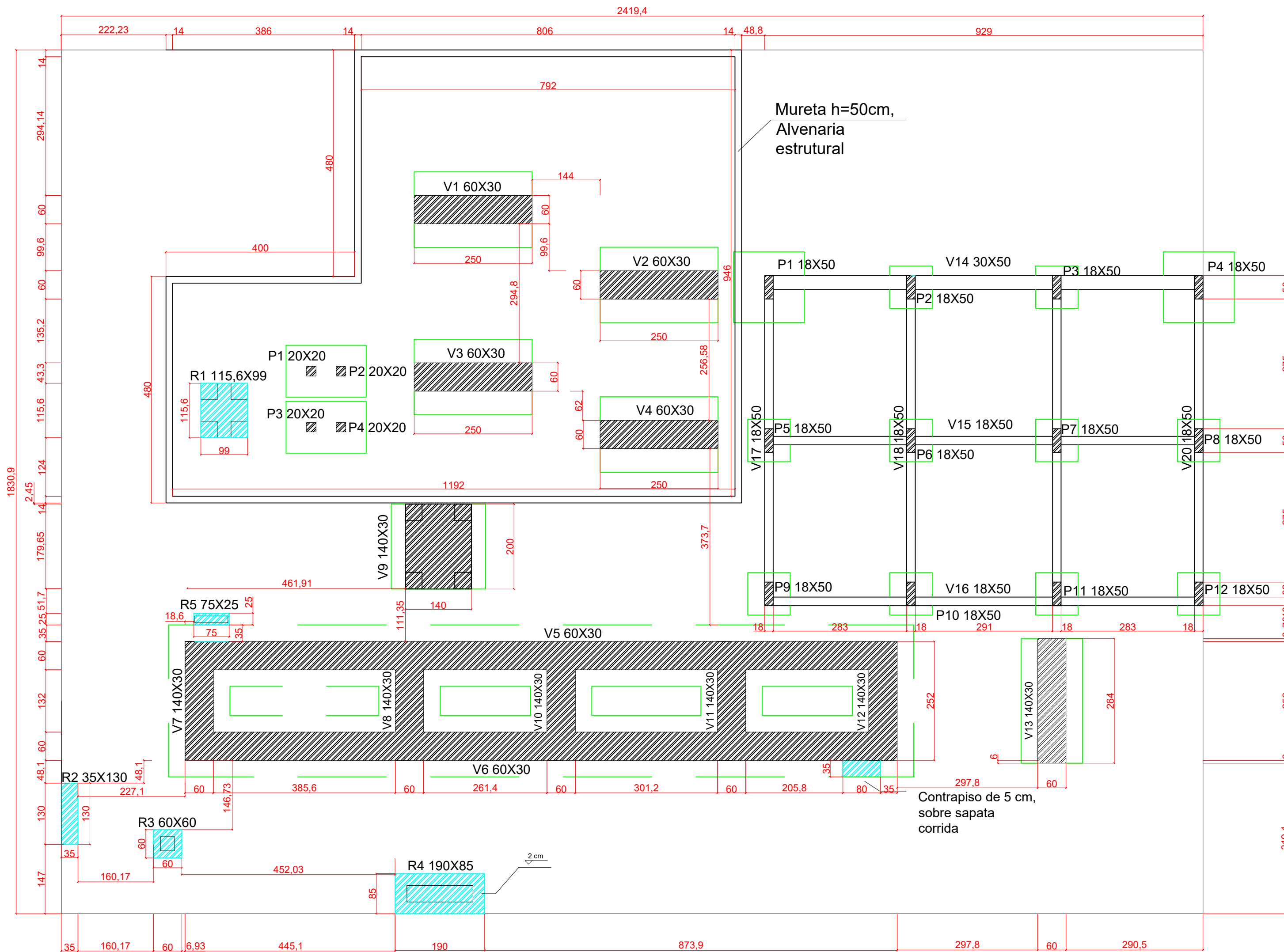


DETALHE BAIA DOS AGREGADOS

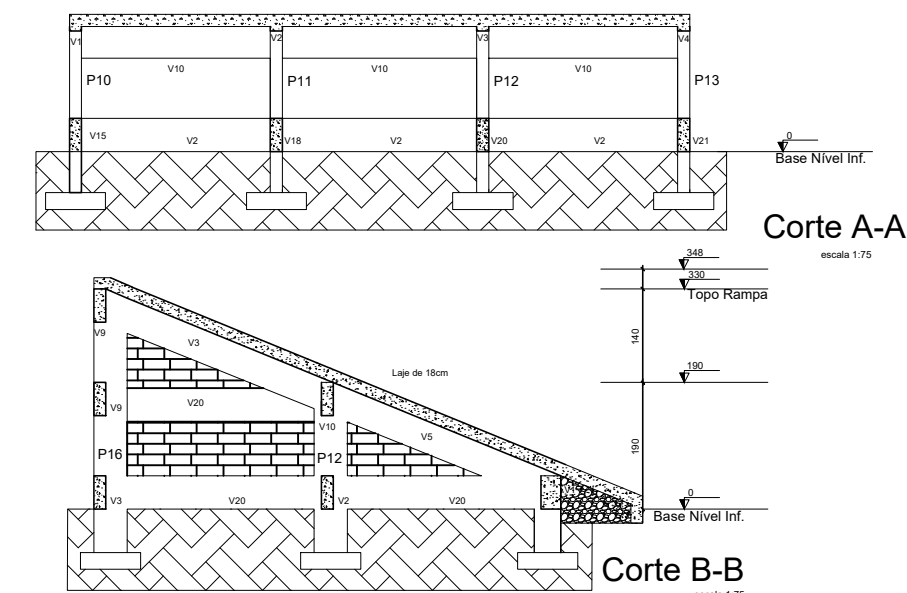
1 : 50



TÍTULO: PROJETOS DE ENGENHARIA	
OBRA: Usina de Produção de Concreto Asfáltico	
LOCAL: Pedras Grandes - SC	
PROPRIETÁRIO: CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO: - Baia de Agregados - Descrição	RESPONSÁVEL TÉCNICO: Cleitton Gasperin CREA/SC 171104-9
DATA: Dez/2024	FRANCHA: 1/1



PLANTA BAIXA, BASE DA USINA E RAMPA
1 : 50



CORTE RAMPA
1 : 75



TÍTULO:	
PROJETOS DE ENGENHARIA	
OBRA:	
Usina de Produção de Concreto Asfáltico	
LOCAL:	
Pedras Grandes - SC	
PROPRIETÁRIO:	
CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO:	
- Planta baixa base da Usina e Rampa - Descrição	
RESPONSÁVEL TÉCNICO:	
Cleiton Gasperin CREA/SC 171104-9	
DATA:	PRANCHETA:
dez/2024	1/



VERIFICAÇÃO DAS ASSINATURAS



Código para verificação: 0076-39A1-1303-1051

Este documento foi assinado digitalmente pelos seguintes signatários nas datas indicadas:



CLEITON GASPERIN (CPF 084.XXX.XXX-28) em 06/01/2025 13:58:21 (GMT-03:00)

Papel: Parte

Emitido por: Sub-Autoridade Certificadora 1Doc (Assinatura 1Doc)

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