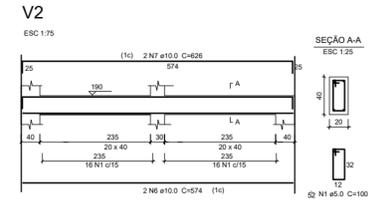
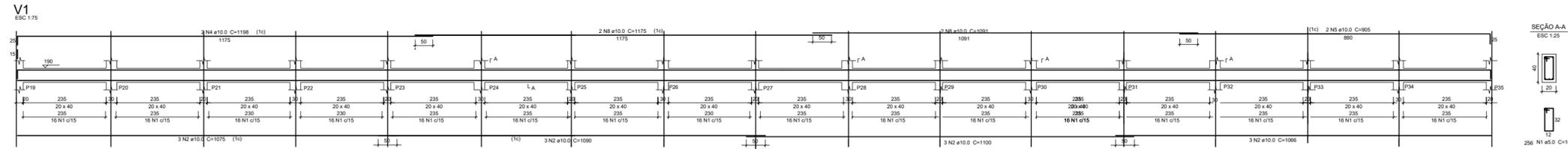
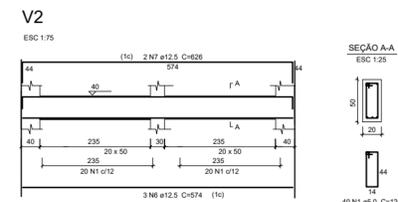
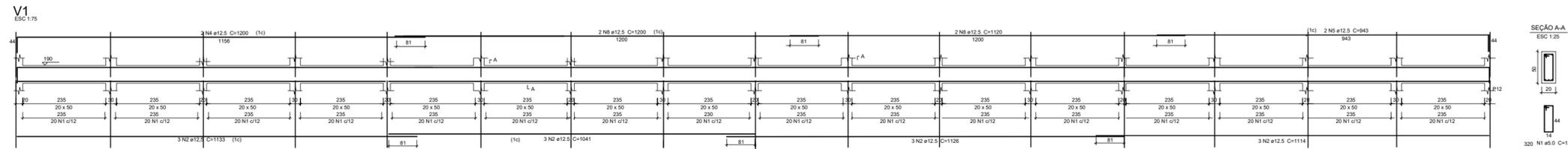


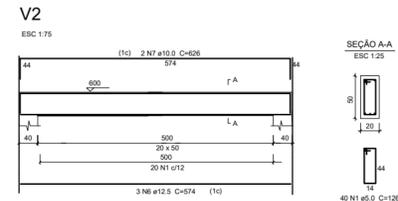
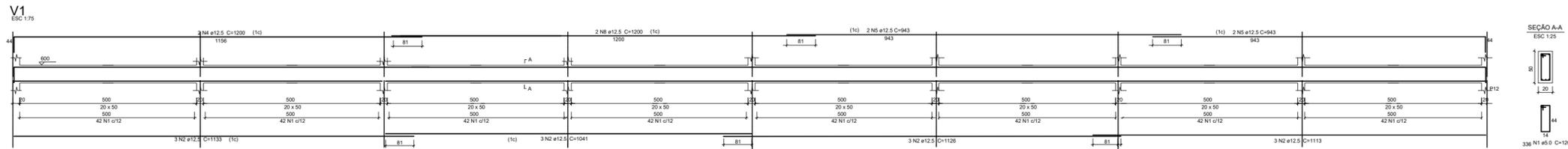
VIGAS INTERMEDIÁRIAS



VIGAS BALDRAMES



VIGAS SUPERIORES



PROJETO ESTRUTURAL BAIA DE AGREGADOS

1 : 75

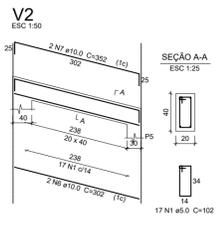
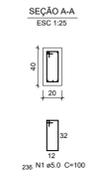
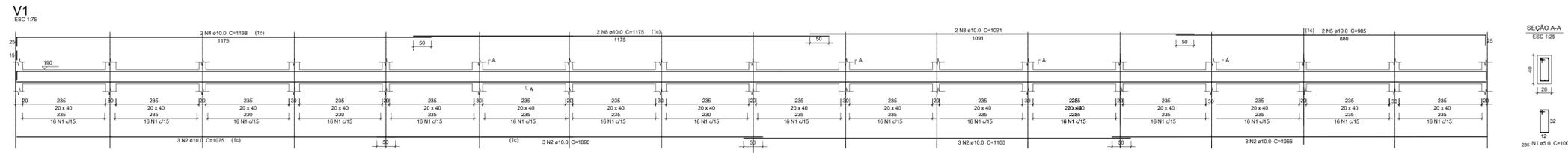


TÍTULO: PROJETOS DE ENGENHARIA	
OBRA: Usina de Produção de Concreto Asfáltico	
LOCAL: Pedras Grandes - SC	
PROPRIETÁRIO: CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO: - Baia de Agregados - Projeto Estrutural	RESPONSÁVEL TÉCNICO: Cleiton Gasperin CREA/SC 171104-9
DATA: Dez/2024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

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



VIGAS DE RESPALDO



PROJETO ESTRUTURAL BAIA DE AGRAGADOS

1 : 75

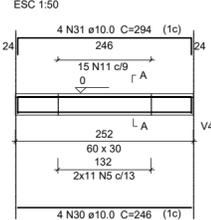


TÍTULO: PROJETOS DE ENGENHARIA	
OBRA: Usina de Produção de Concreto Asfáltico	
LOCAL: Pedras Grandes - SC	
PROPRIETÁRIO: CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO: - Baia dos Agregados - Projeto Estrutural	RESPONSÁVEL TÉCNICO: Cleiton Gasperin CREA/SC 171104-9
DATA: Jul/2024	FRANQUÍIA: 2/3

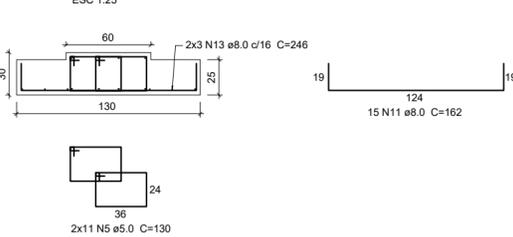
Assinado por: Cleiton Gasperin - CREA/SC 171104-9. Para verificar a validade das assinaturas, acesse: https://www.amurel.com.br/verificador-assinaturas/



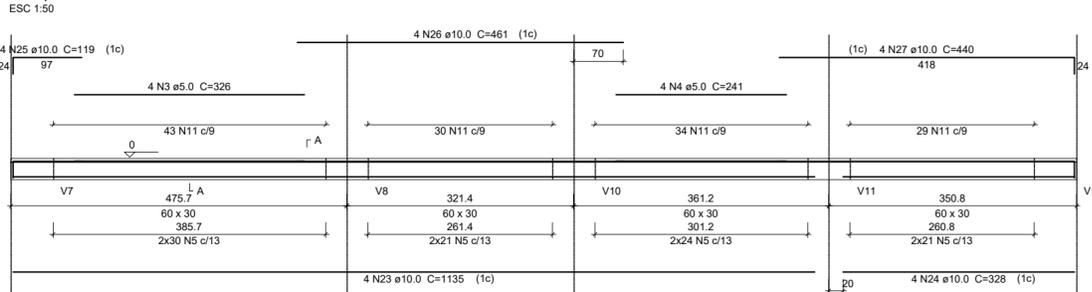
V7, V8, V10, V11, V12



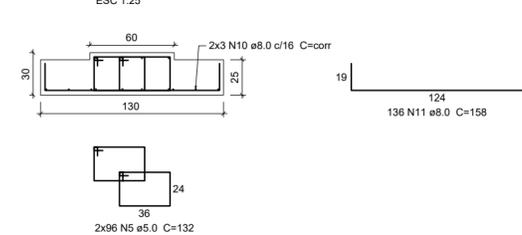
SEÇÃO A-A



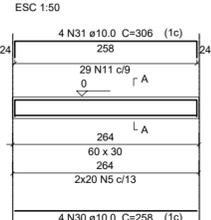
V5, V6



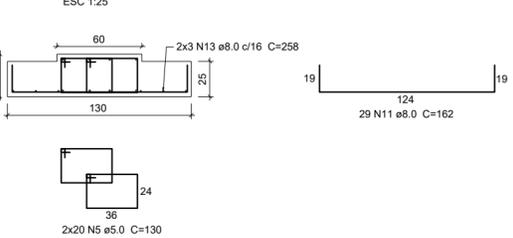
SEÇÃO A-A



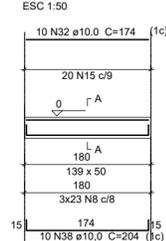
V13



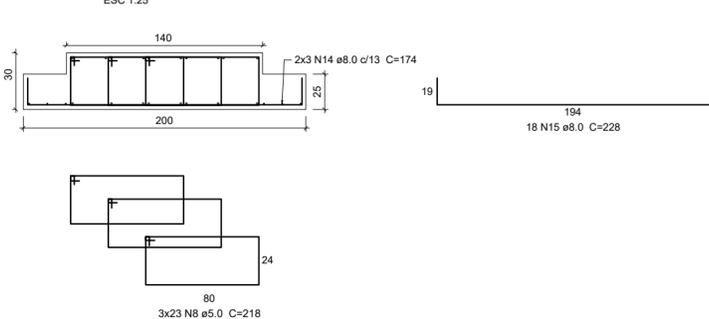
SEÇÃO A-A



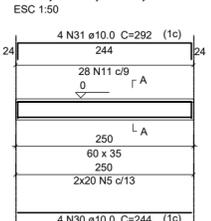
V9



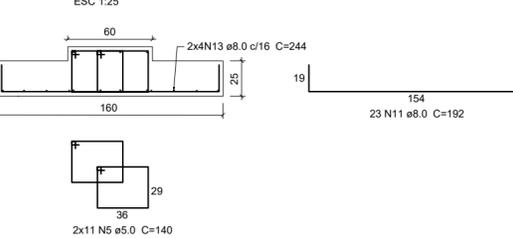
SEÇÃO A-A



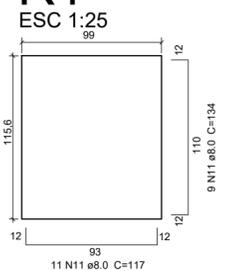
V1, V2, V3, V4



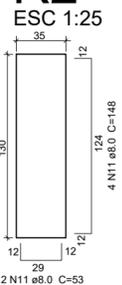
SEÇÃO A-A



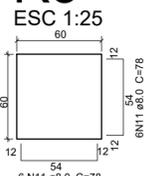
R1



R2



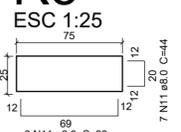
R3



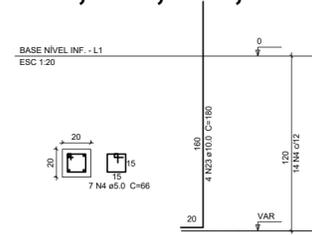
R4



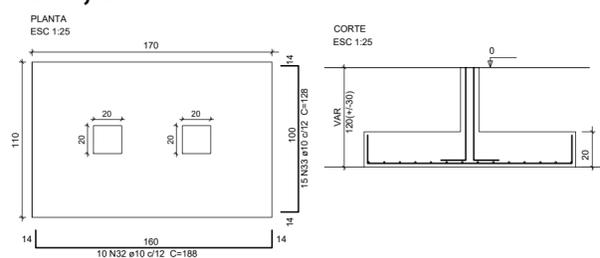
R5



P1, P2, P3, P4



S1, S2



PROJETO ESTRUTURAL BASE DA USINA DE ASFALTO

1 : 100



CIM - AMUREL
Consórcio Intermunicipal Multifinalitário
dos Municípios da AMUREL

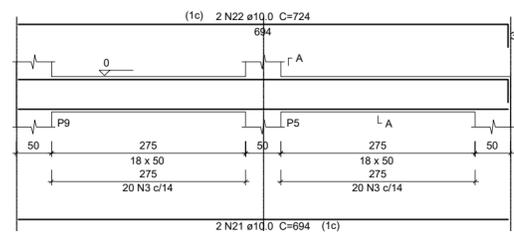
TÍTULO: PROJETOS DE ENGENHARIA	
OBRA: Usina de Produção de Concreto Asfáltico	
LOCAL: Pedras Grandes - SC	
PROPRIETÁRIO: CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO: - Projeto Estrutural, base da Usina de Asfalto - Descrição	RESPONSÁVEL TÉCNICO: Cleiton Gasperin CREA/SC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

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

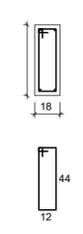


Vigas Baldrame - Rampa

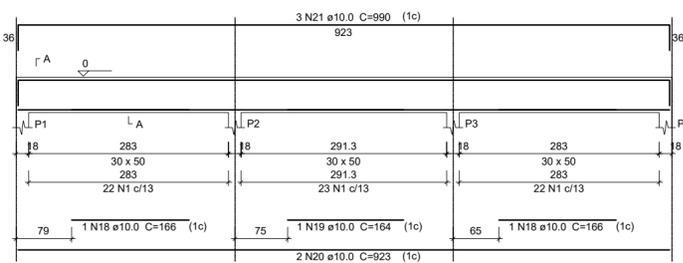
V17
ESC 1:50



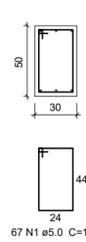
SEÇÃO A-A
ESC 1:25



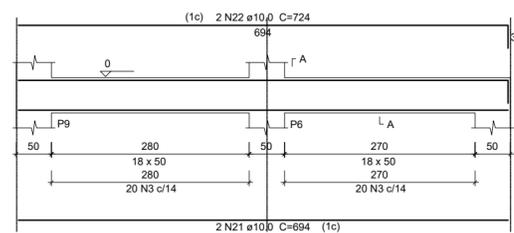
V14
ESC 1:50



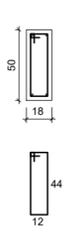
SEÇÃO A-A
ESC 1:25



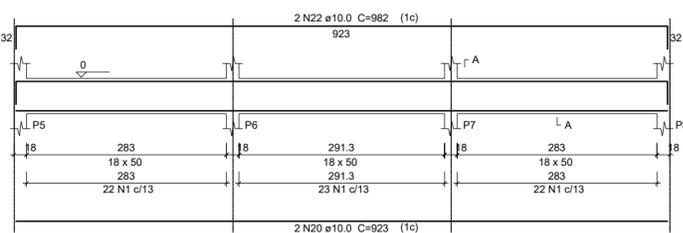
V18
ESC 1:50



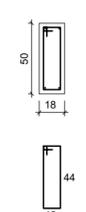
SEÇÃO A-A
ESC 1:25



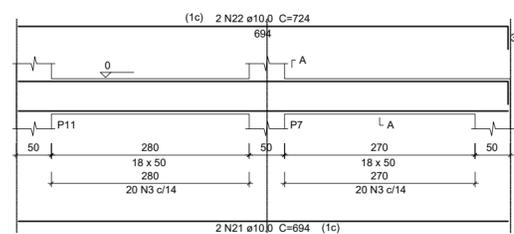
V15
ESC 1:50



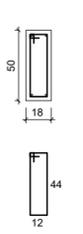
SEÇÃO A-A
ESC 1:25



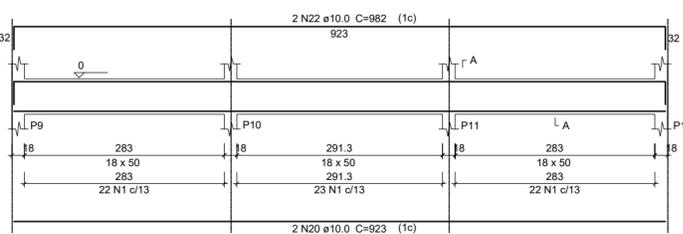
V19
ESC 1:50



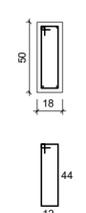
SEÇÃO A-A
ESC 1:25



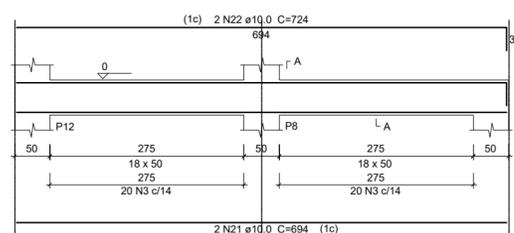
V16
ESC 1:50



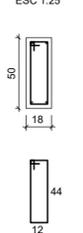
SEÇÃO A-A
ESC 1:25



V20
ESC 1:50

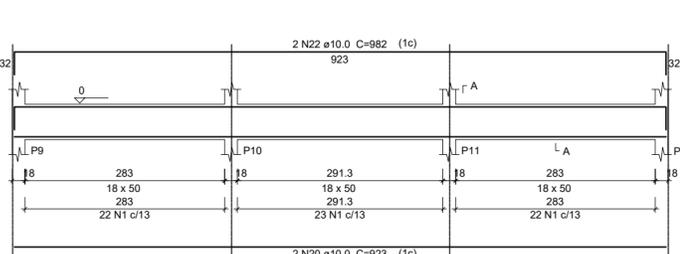


SEÇÃO A-A
ESC 1:25

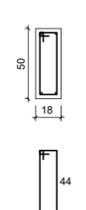


Vigas Travamento - Rampa

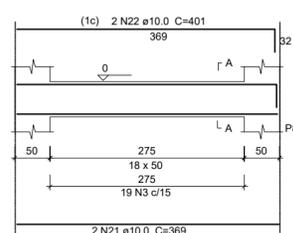
V9
ESC 1:50



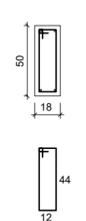
SEÇÃO A-A
ESC 1:25



V20
ESC 1:50

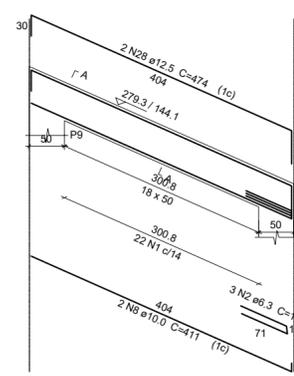


SEÇÃO A-A
ESC 1:25

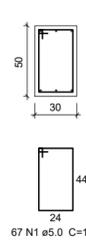


Vigas Superiores - Rampa

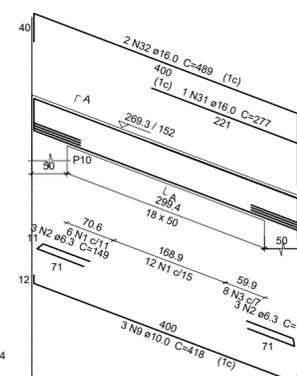
V1
ESC 1:50



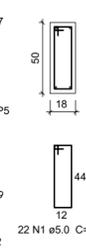
SEÇÃO A-A
ESC 1:25



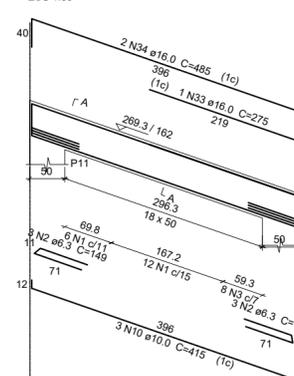
V2
ESC 1:50



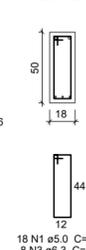
SEÇÃO A-A
ESC 1:25



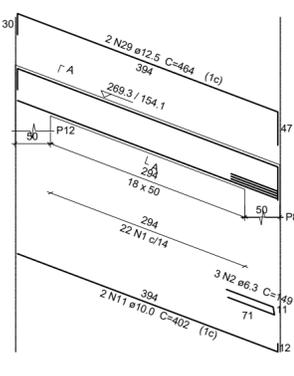
V3
ESC 1:50



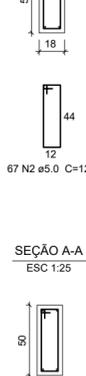
SEÇÃO A-A
ESC 1:25



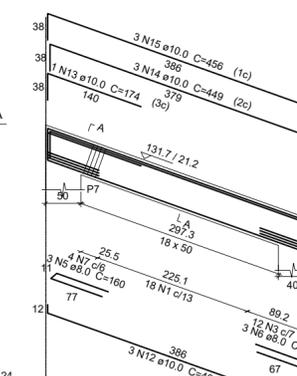
V4
ESC 1:50



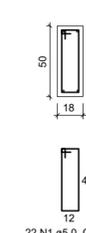
SEÇÃO A-A
ESC 1:25



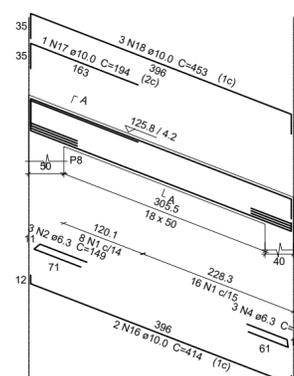
V5
ESC 1:50



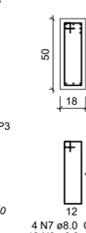
SEÇÃO A-A
ESC 1:25



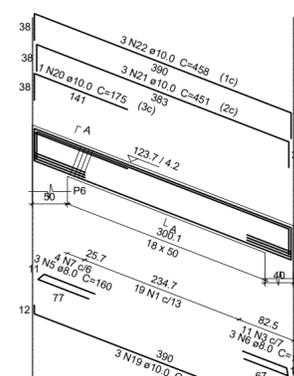
V6
ESC 1:50



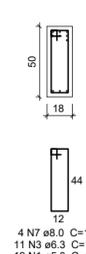
SEÇÃO A-A
ESC 1:25



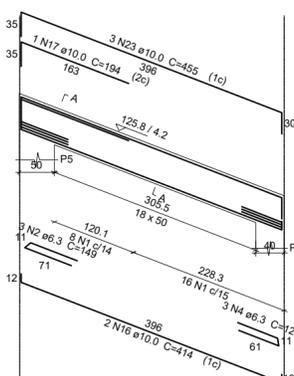
V7
ESC 1:50



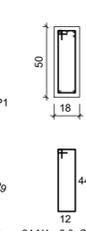
SEÇÃO A-A
ESC 1:25



V8
ESC 1:50



SEÇÃO A-A
ESC 1:25



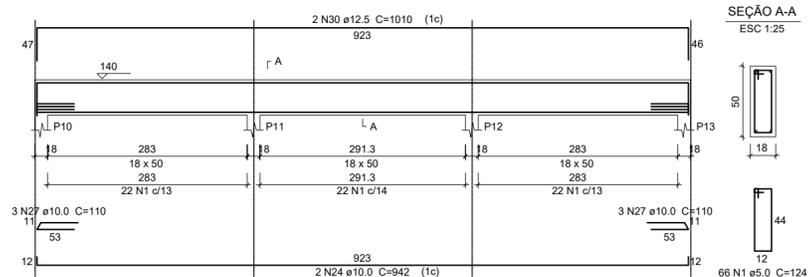
TÍTULO: PROJETOS DE ENGENHARIA	
OBRA: Usina de Produção de Concreto Asfáltico	
LOCAL: Pedras Grandes - SC	
PROPRIETÁRIO: CONSÓRCIO INTERMUNICIPAL MULTIFUNCIONAL DOS MUNICÍPIOS DA AMUREL	
ASSUNTO: - Rampa - Projeto Estrutural	RESPONSÁVEL TÉCNICO: Cleiton Gasperin CREA/SC 171104-9
DATA: Dez/2024	FRANCO: 1/2

Assinado por 1 pessoa: CLEITON GASPERIN. Para verificar a validade das assinaturas, acesse https://cimanurel1.fdoc.com.br/verificacao/007639A1-1303-1051 e informe o código 0076-39A1-1303-1051

Vigas Superiores - Rampa

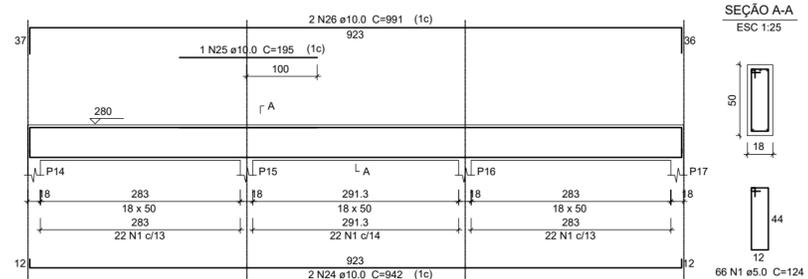
V10

ESC 1:50



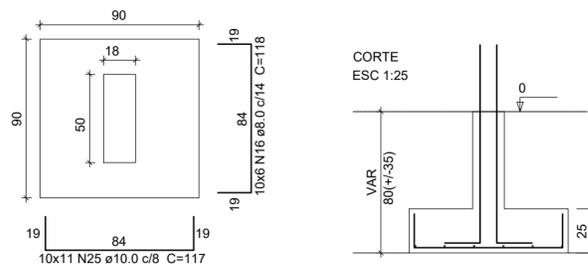
V9

ESC 1:50



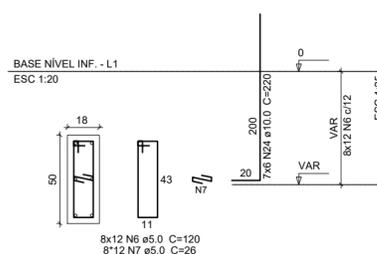
S3=S4=S10=S11=S12=S14=S15=S16=S17

PLANTA
ESC 1:25

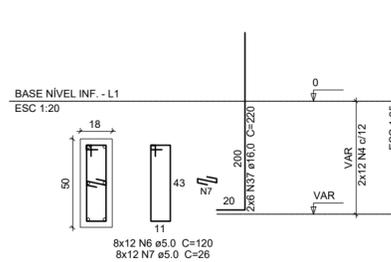


Solo com capacidade de suporte > 1800.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

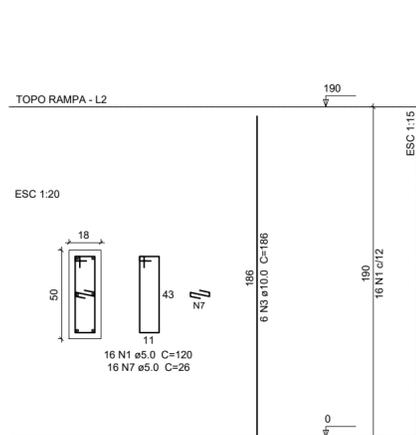
P6,P7,P8,P9,P10,P11,P12



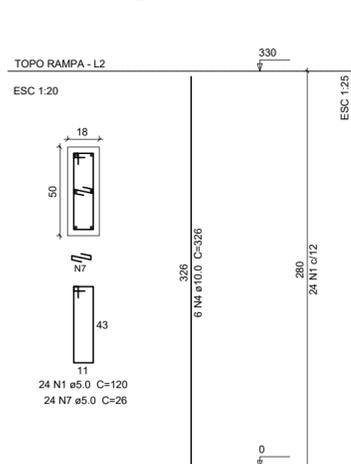
P2=P3



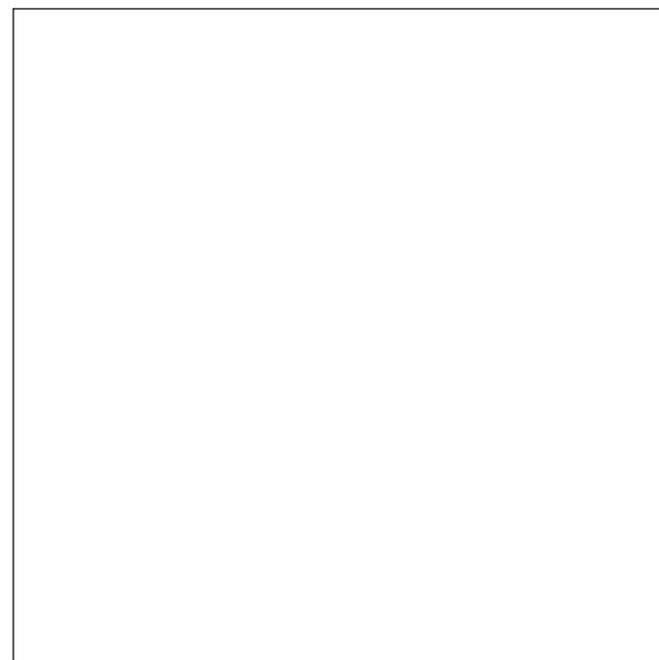
P5=P6=P7=P8



P9=P10=P11=P12



Laje - Rampa



Armadura Superior

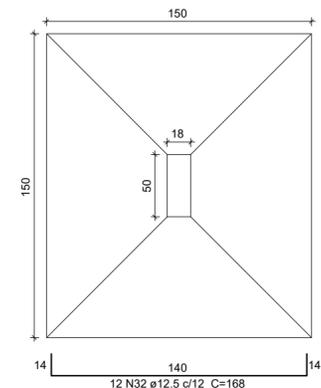
920
62 N11 ø10.0 c/15 C=920

Armadura Inferior

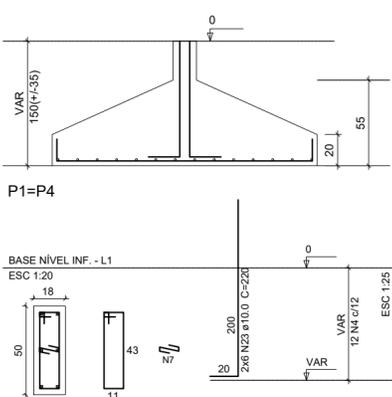
920
62 N11 ø10.0 c/15 C=920

S1=S4

PLANTA
ESC 1:25



CORTE
ESC 1:25



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

12 N1 ø5.0 C=120
12 N7 ø5.0 C=26

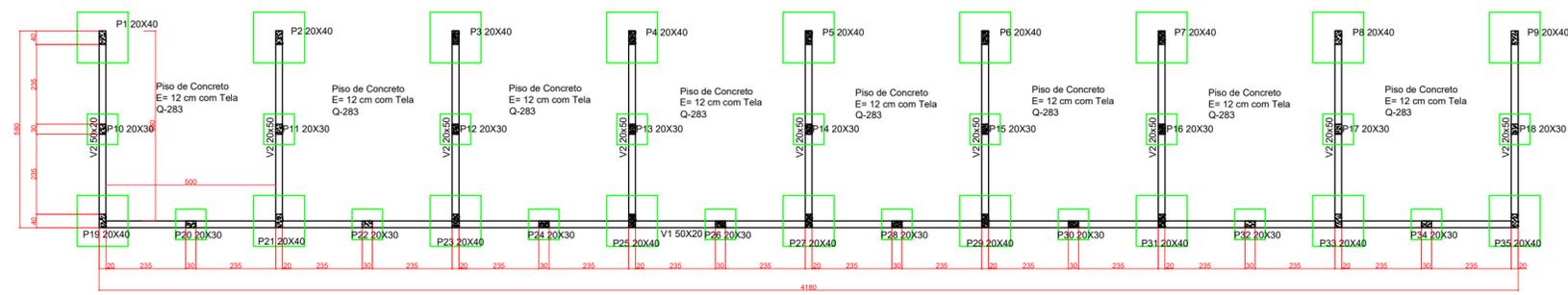
PROJETO ESTRUTURAL RAMPA

1 : 50



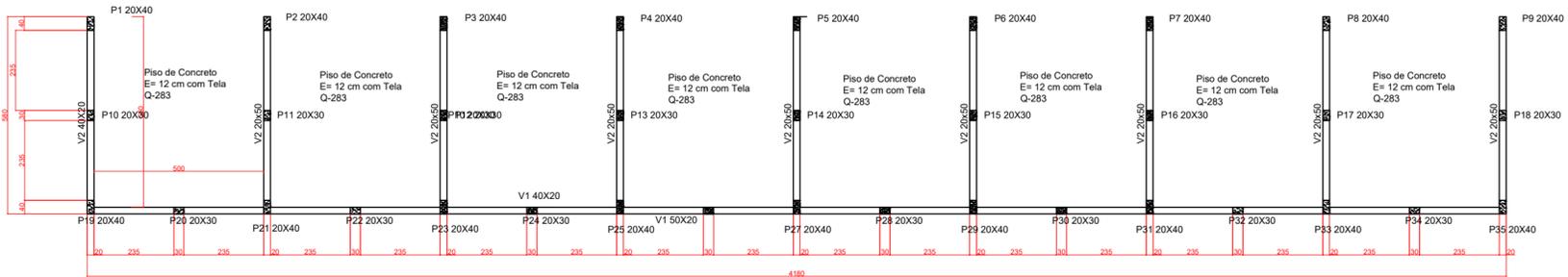
CIM - AMUREL
Consórcio Intermunicipal Multifinalitário
dos Municípios da AMUREL

TÍTULO:	PROJETOS DE ENGENHARIA	
OBRA:	Usina de Produção de Concreto Asfáltico	
LOCAL:	Pedras Grandes - SC	
PROPRIETÁRIO:	CONSÓRCIO INTERMUNICIPAL MULTIFINALITÁRIO DOS MUNICÍPIOS DA AMUREL	
ASSUNTO:	- Rampa - Projeto Estrutural	RESPONSÁVEL TÉCNICO:
		Cleiton Gasperin CREA/SC 171104-9
	DATA:	FRANQUÍIA:
	Dez/2024	2/



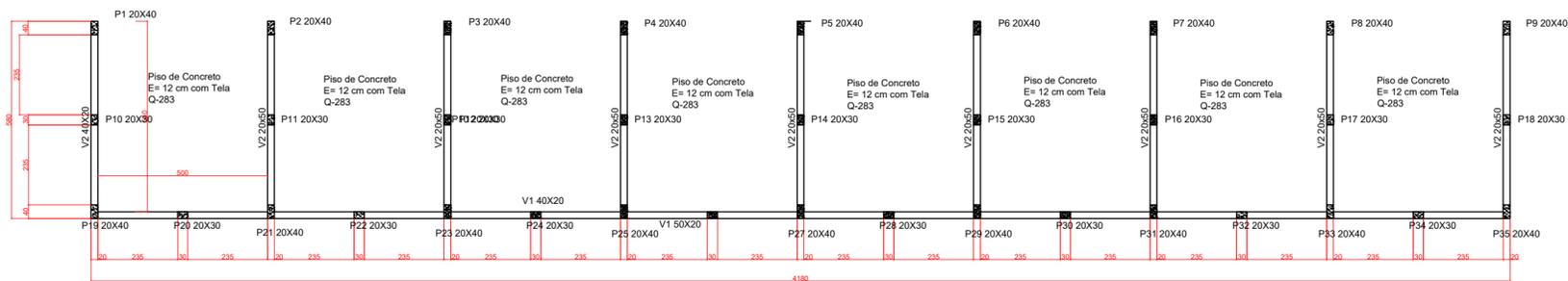
PLANTA BAIA DOS AGREGADOS

1 : 100



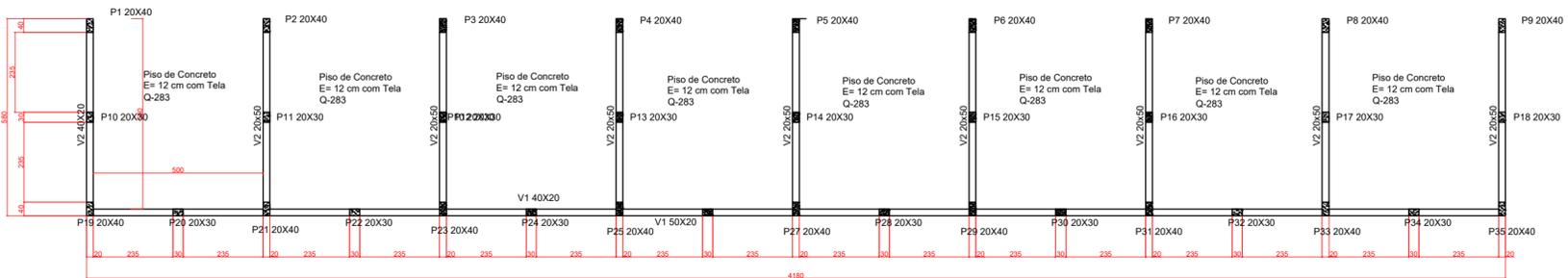
PLANTA BAIA DOS AGREGADOS INTERMEDIÁRIO

1 : 100



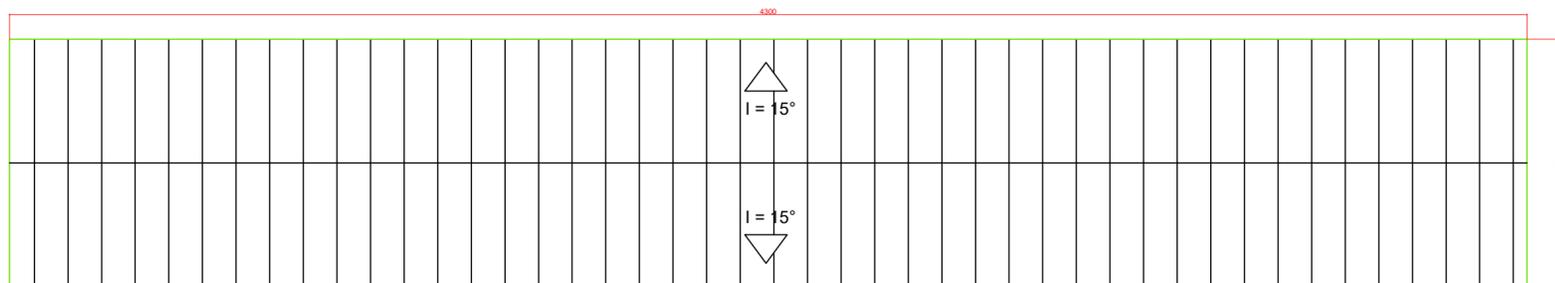
PLANTA BAIA DOS AGREGADOS RESPALDO

1 : 100



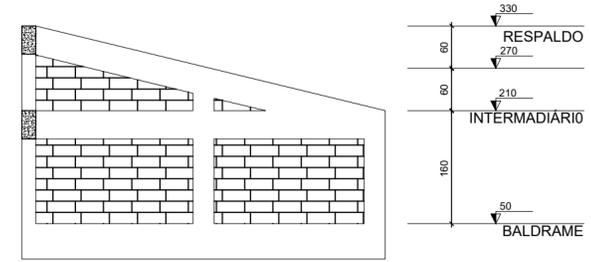
PLANTA VIGAS SUPERIORES BAIA DOS AGREGADOS

1 : 100



PLANTA DE COBERTURA BAIA DOS AGREGADOS

1 : 100



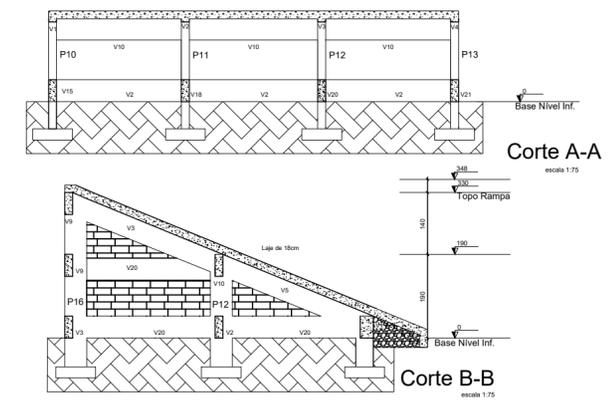
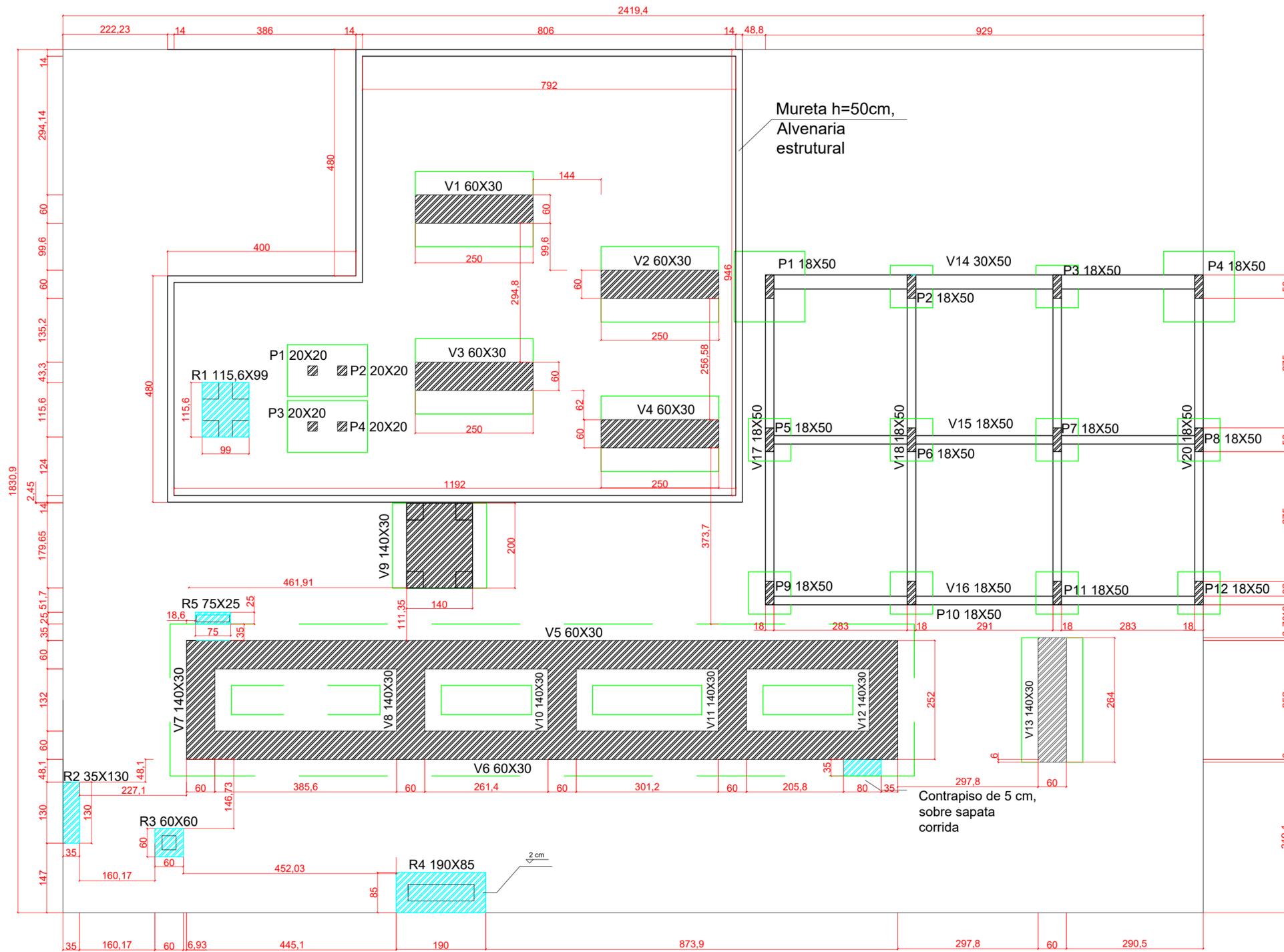
DETALHE BAIA DOS AGREGADOS

1 : 50



CIM - AMUREL
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: - Baia de Agregados - Descrição	RESPONSÁVEL TÉCNICO: Cleiton Gasperin CREA/SC 171104-9
DATA: Dez/2024	FRANCHA: 1/



CORTE RAMPA
1 : 75

PLANTA BAIXA, BASE DA USINA E RAMPA
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: - Planta baixa base da Usina e Rampa - Descrição	RESPONSÁVEL TÉCNICO: Cleiton Gasperin CREA/SC 171104-9
DATA: dez/2024	FRANCA: 1/

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