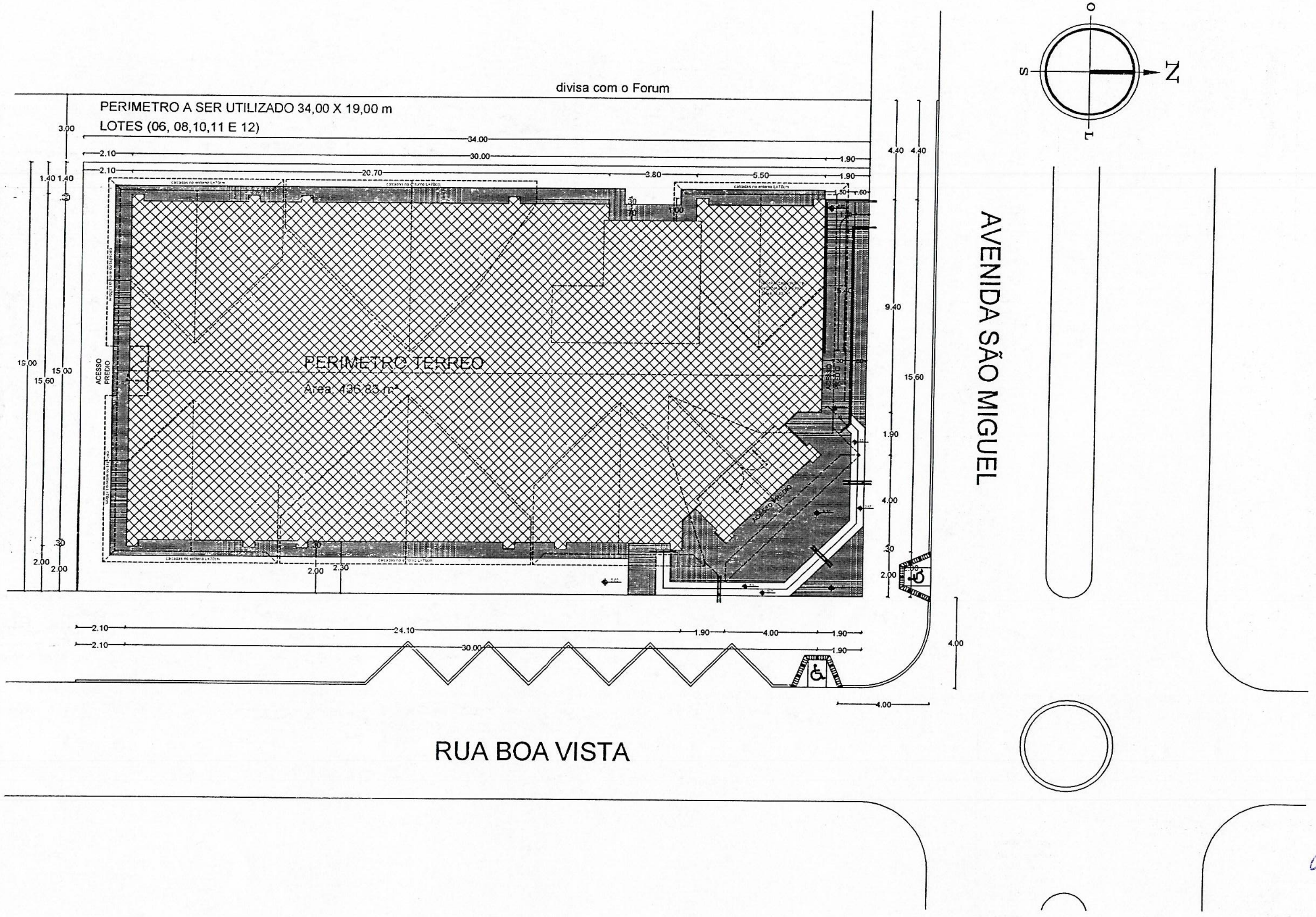

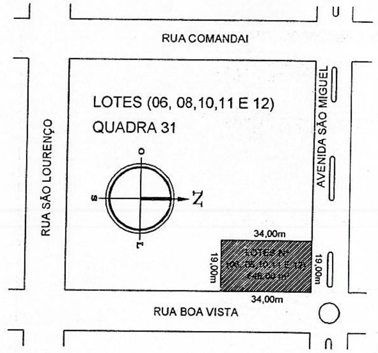

carimbos:

desenho: cecilio
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CENTRO ADMINISTRATIVO DE GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Situação e Localização

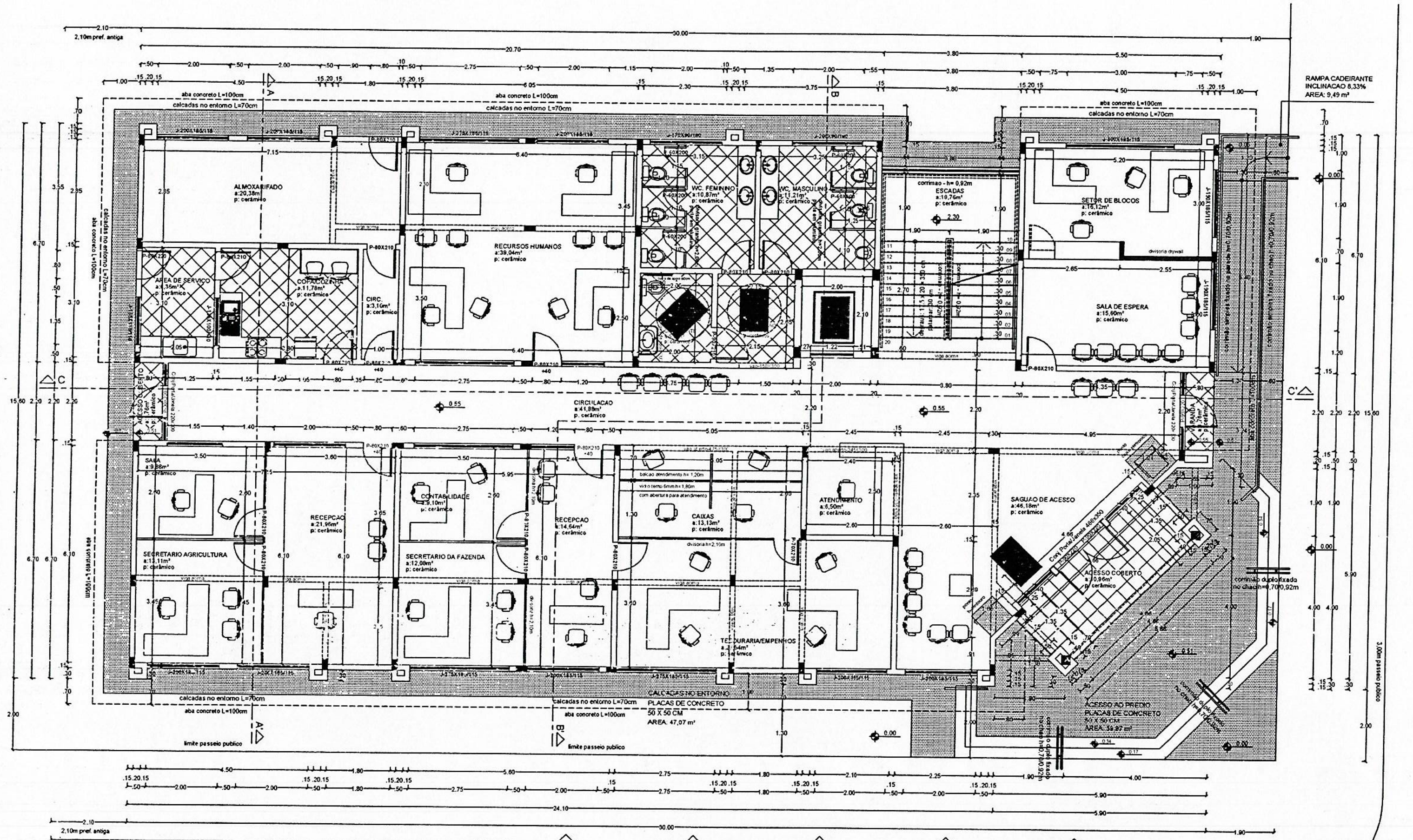
área:	escala:	
1.144,77 m²	indicadas	01/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ:87.613.030/0001-51

Responsável Técnico

CECILIO
BOBRZYK
arquitetura e urbanismo

CAU N° A83428-9
(55) 9 9995 1712
rua minas gerais, 55, sala 1102
santa rosa, rio grande do sul – cep 9
ceciljunior25@hotmail.com
www.ceciliobobrzyk.com.br



PAVIMENTO TERREO

Área: 436,83m²
ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio
direitos autorais reservados - LEI 9610/98.

CENTRO ADMINISTRATIVO DE
GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Planta Baixa Térreo

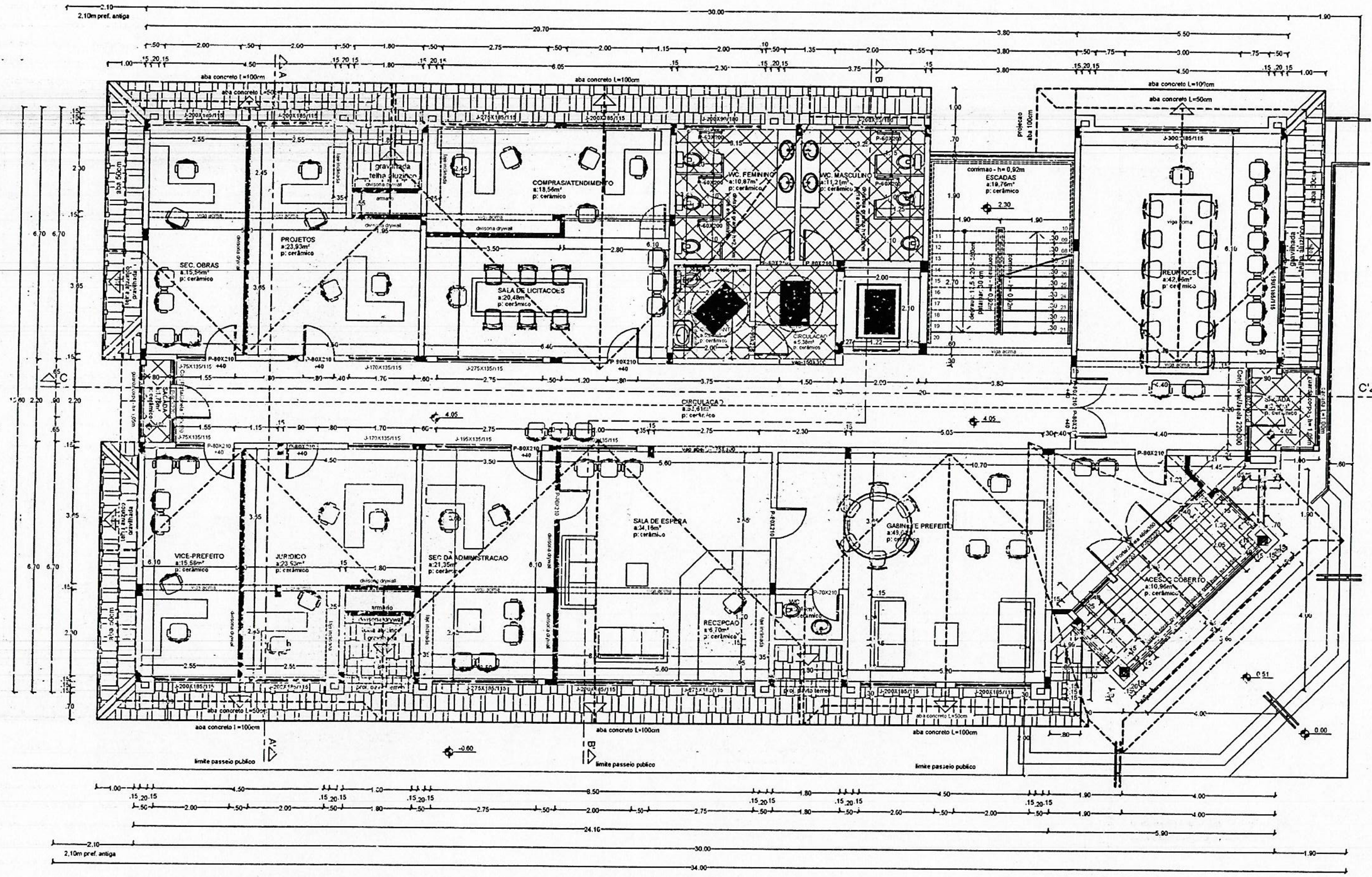
área:	escala:	
1.144,77 m²	1/75	02/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

RESP. TÉCNICO

CECILIO BOBRZYK
arquitetura e urbanismo

CAU Nº A83428-9
(55)9 9995 1712
Rua São José 270 - Ap. 501
Santa Rosa - RS
ceciliobobjr@gmail.com



PRIMEIRO PRIMEIRO PAVTO

Área: 430,57m²

ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio

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CENTRO ADMINISTRATIVO DE
GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Planta Baixa Primeiro Pavto.

área: 1.144,77 m² escala: 1/75 03/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

CECILIO BOBRZYK
arquitetura e urbanismo

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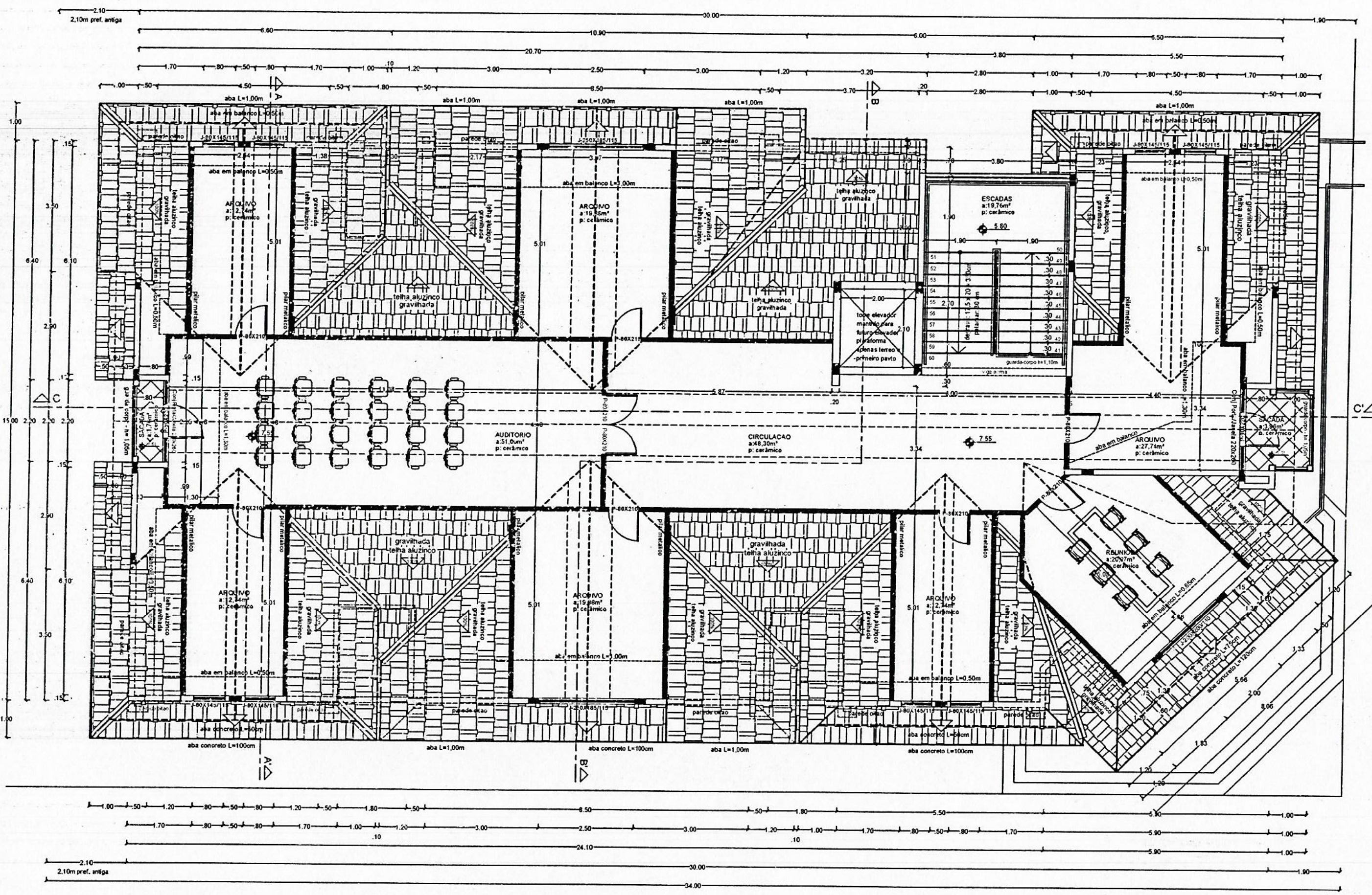
Rua São José 270 - Ap. 501
Santa Rosa - RS
ceciliobobjr@gmail.com

RESP. TÉCNICO



PLANTA SOTAO

Área: 277,37m²

ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio

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CENTRO ADMINISTRATIVO DE GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO

Planta Baixa Sotao

área:	escala:	
1.144,77 m²	1/75	04/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

RESP. TÉCNICO

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arquitetura e urbanismo

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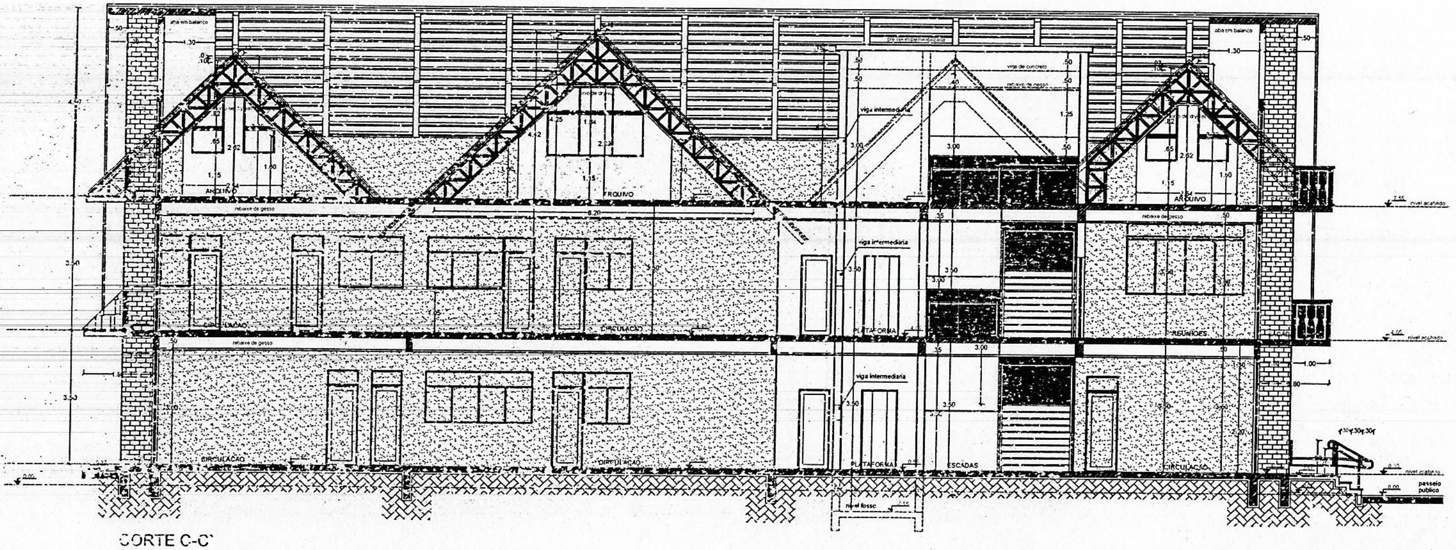
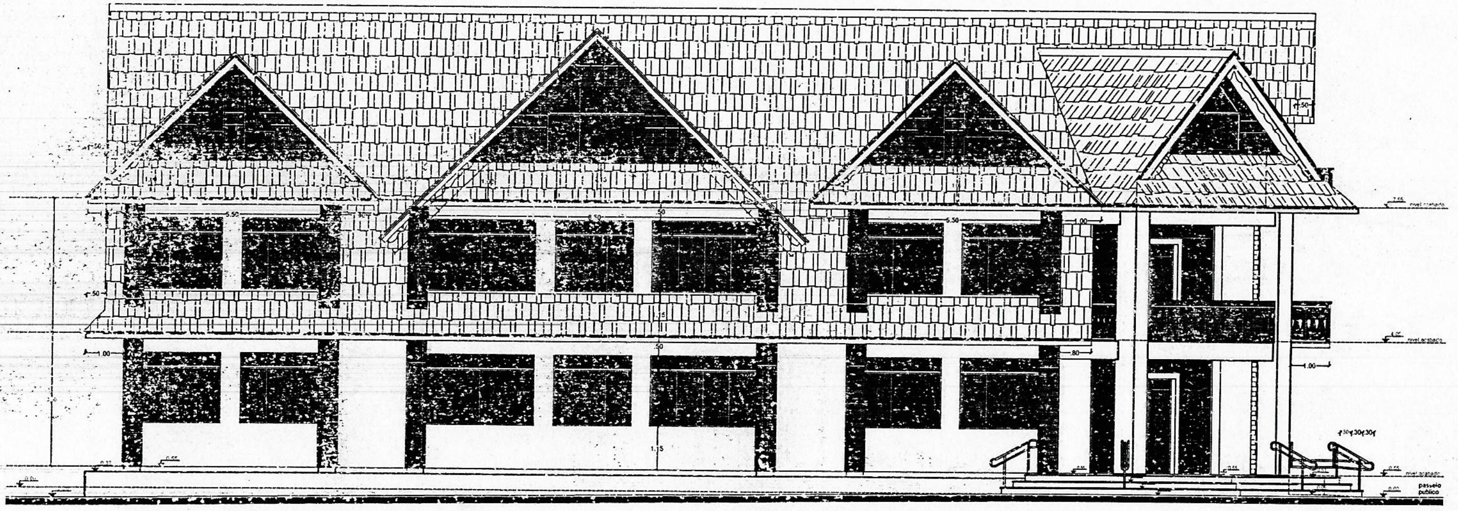


CORTE C-C'

ESCALA 1:50



FACHADA RUA BOA VISTA

ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio
direitos autorais reservados - LEI 9610/98.

CENTRO ADMINISTRATIVO DE GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Fachada Rua Boa Vista, Corte C-C'

área:	escala:	
1.144,77 m²	1/75	05/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

RESP. TÉCNICO

CECILIO
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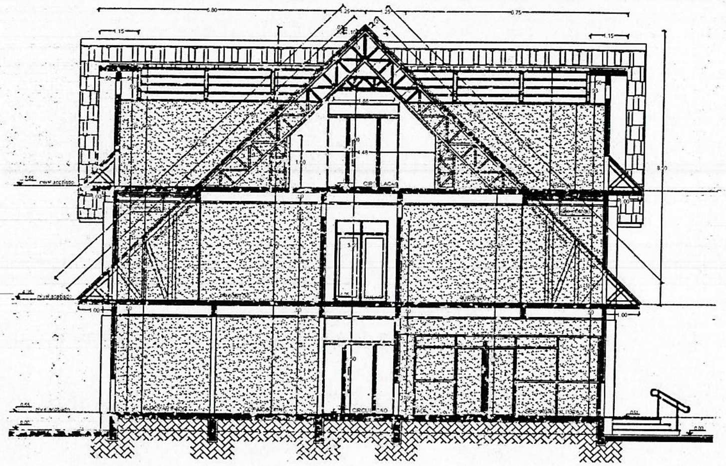
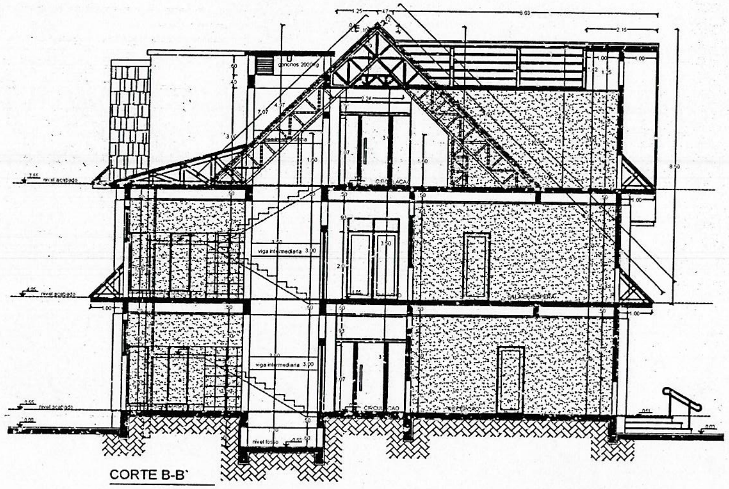


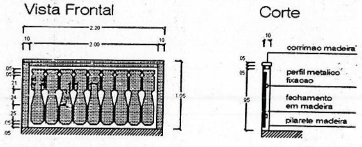
CORTE A-A`

ESCALA 1:50

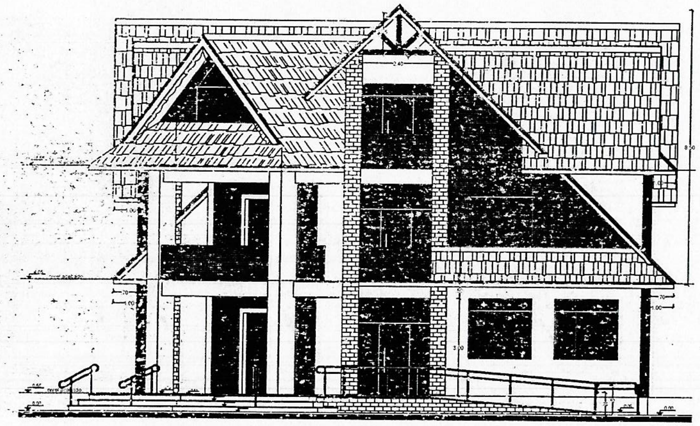


CORTE B-B`

ESCALA 1:50

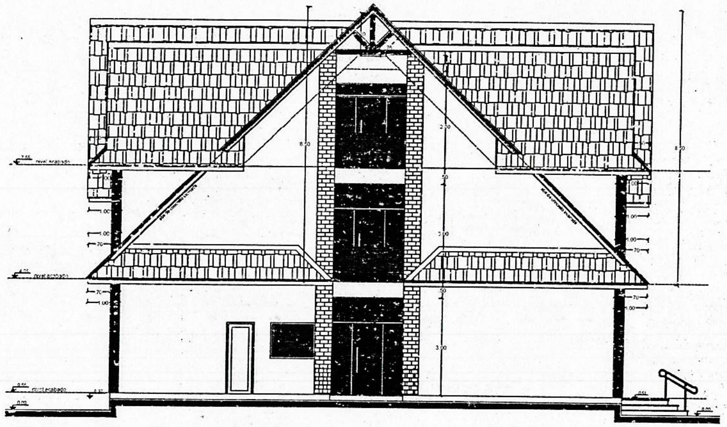


Detalhe Guarda-Corpo Sacada
S/ Escala



FACHADA AV. SAO MIGUEL

ESCALA 1:50



FACHADA PREF. ANTIGA

ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio
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CENTRO ADMINISTRATIVO DE GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Fachada Av. Sao Miguel, Fachada Pref. Antiga
Corte A-A`, Corte B-B`

área:
1.144,77 m²

escala:
1/75

06/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

RESP. TÉCNICO

CECILIO
BOBRZYK
arquitetura e urbanismo

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Rua São José 270 – Ap. 501
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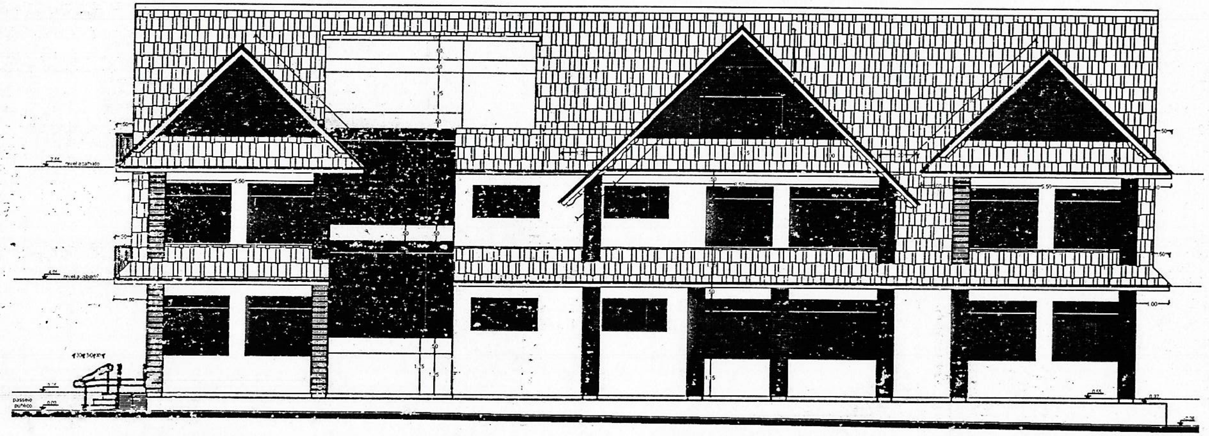
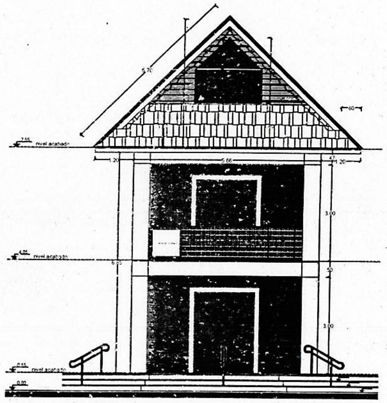


FACHADA FORUM

ESCALA 1:50



DETALHE PORTICO DE ACESSO (esquina)

ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio
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CENTRO ADMINISTRATIVO DE
GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Fachada Forum
Portico de acesso (esquina)

área: 1.144,77 m²
escala: 1/75
07/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

CECILIO
BOBRZYK
arquitetura e urbanismo

CAU Nº A83428-9
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Rua São José 270 - Ap. 501
Santa Rosa - RS
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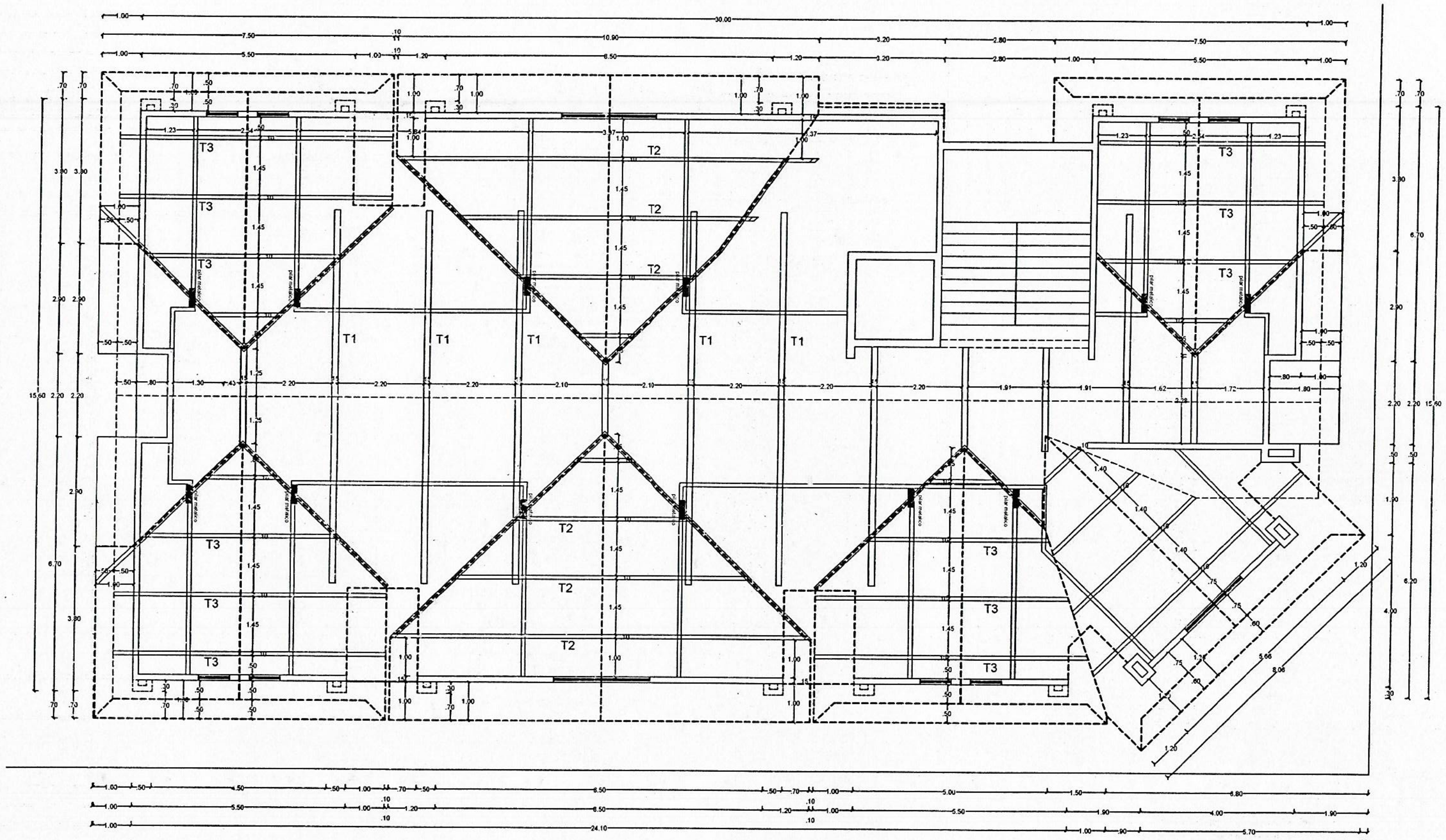
RESP. TÉCNICO



DISPOSICAO DE TRELICAS TELHADO

ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio
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CENTRO ADMINISTRATIVO DE
GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Planta Esquematica das Trelicas

área:
1.144,77 m²

escala:
1/75

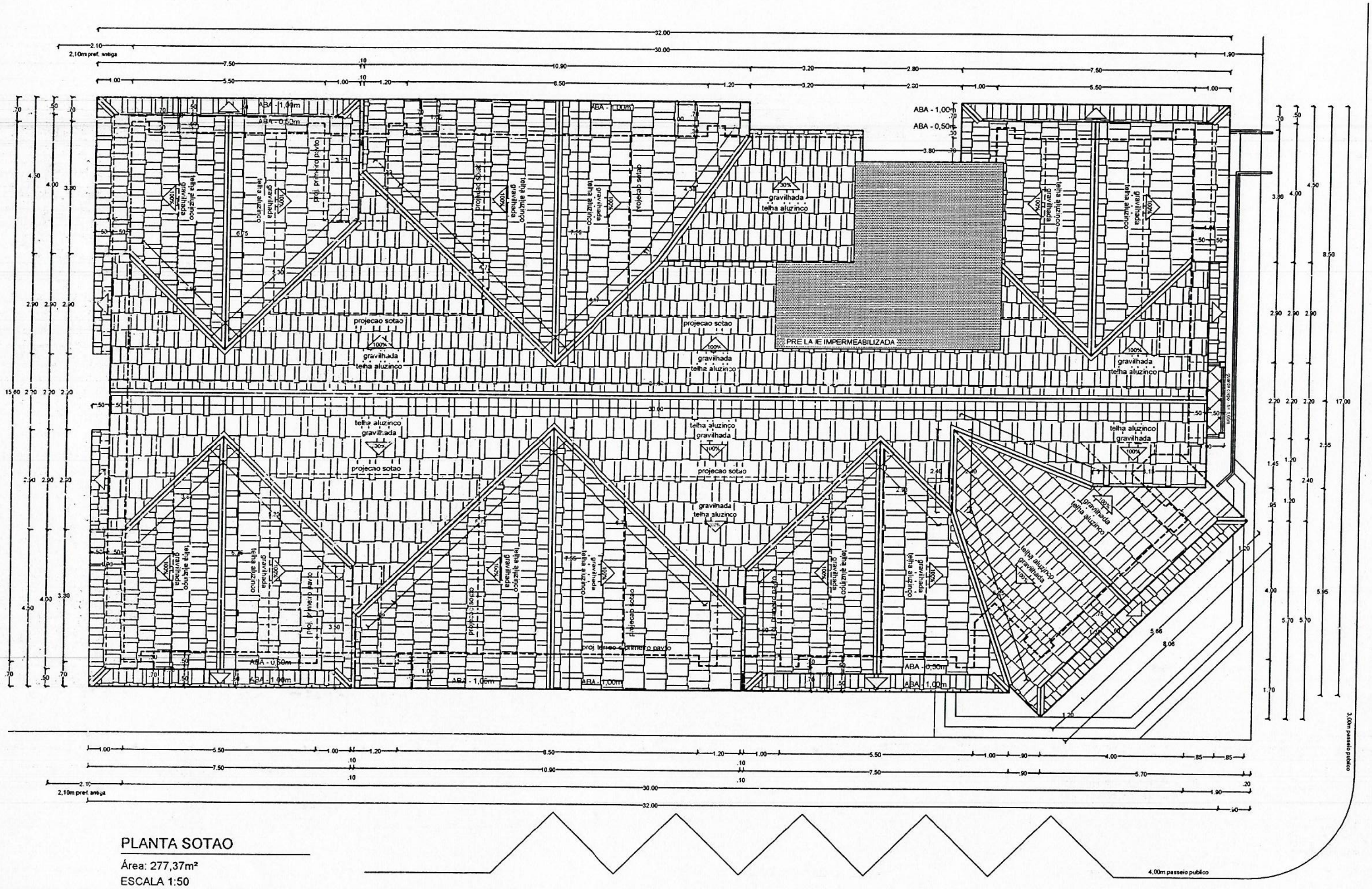
08/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

CECILIO
BOBRZYK
arquitetura e urbanismo

CAU N° A83428-9
(55)9 9995 1712
Rua São José 270 - Ap. 501
Santa Rosa - RS
ceciliobob jr@gmail.com

RESP. TÉCNICO



PLANTA SOTAO

Área: 277,37m²

ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio
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CENTRO ADMINISTRATIVO DE
GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Planta de Cobertura

área:	escala:	
1.144,77 m²	1/75	09/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

RESP. TÉCNICO

CECILIO
BOBRZYK
arquitetura e urbanismo

CAU N° A83428-9
(55)9 9995 1712
Rua São José 270 - Ap. 501
Santa Rosa - RS
ceciliobobjr@gmail.com

PISO PASSEIO PUBLICO

▦ PLACA CONCRETO 50X50 ALERTA

▤ PLACA CONCRETO 50X50 DIRECIONAL

PISO CALCADAS EXTERNAS

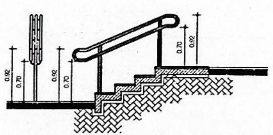
▦ PLACA CONCRETO 25X25 ALERTA

■ PLACA CONCRETO 25X25 DIRECIONAL

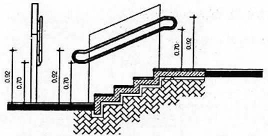
PISO INTERNO PREDIO

▦ PLACA OU ELEMENTOS PVC FLEXIVEL 25X25 - ALERTA

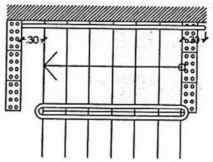
■ PLACA OU ELEMENTOS PVC FLEXIVEL 25X25 - DIRECIONAL



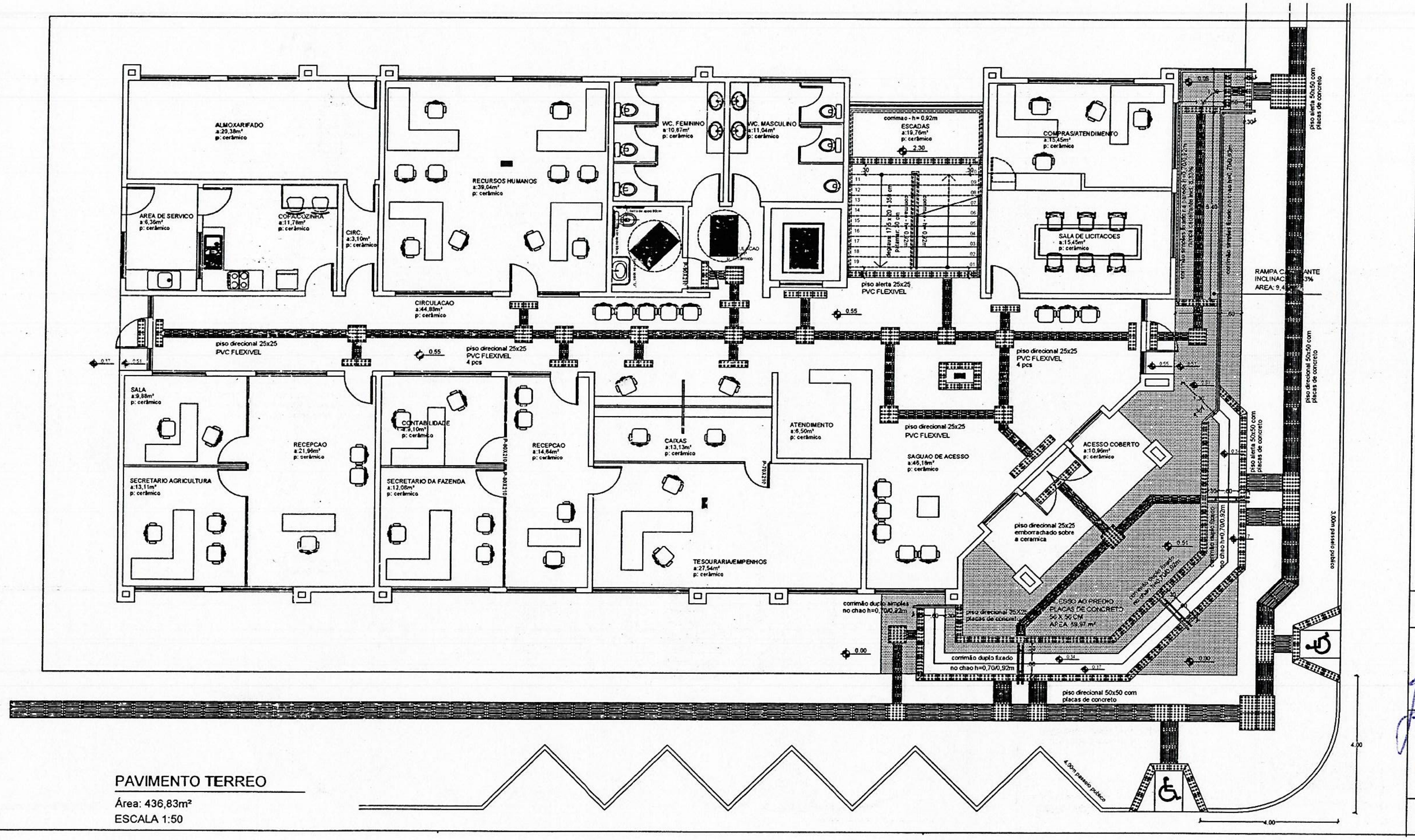
Detalhe Corrimão duplo fixo no chão
S/ Escala



Detalhe Corrimão simples fixo na parede
S/ Escala



Detalhe Tatil em escadas
S/ Escala



PAVIMENTO TERREO

Área: 436,83m²

ESCALA 1:50

carimbos:

revisão: 00
desenho: cecilio
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CENTRO ADMINISTRATIVO DE GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Acessibilidade Terreo

área:	escala:	
1.144,77 m²	1/75	10/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

RESP. TÉCNICO

CECILIO BOBRZYK
arquitetura e urbanismo

CAU N° A83428-9
(55)9 9995 1712
Rua São José 270 - Ap. 501
Santa Rosa - RS
ceciliobobjr@gmail.com

PISO PASSEIO PUBLICO

▦ PLACA CONCRETO 50X50 ALERTA

▤ PLACA CONCRETO 50X50 DIRECIONAL

PISO CALCADAS EXTERNAS

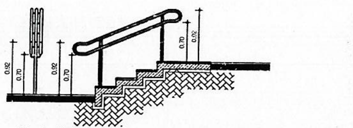
▦ PLACA CONCRETO 25X25 ALERTA

■ PLACA CONCRETO 25X25 DIRECIONAL

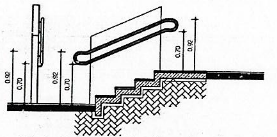
PISO INTERNO PREDIO

▦ PLACA OU ELEMENTOS PVC FLEXIVEL 25X25 - ALERTA

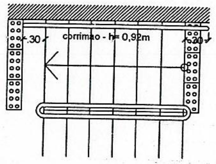
■ PLACA OU ELEMENTOS PVC FLEXIVEL 25X25 - DIRECIONAL



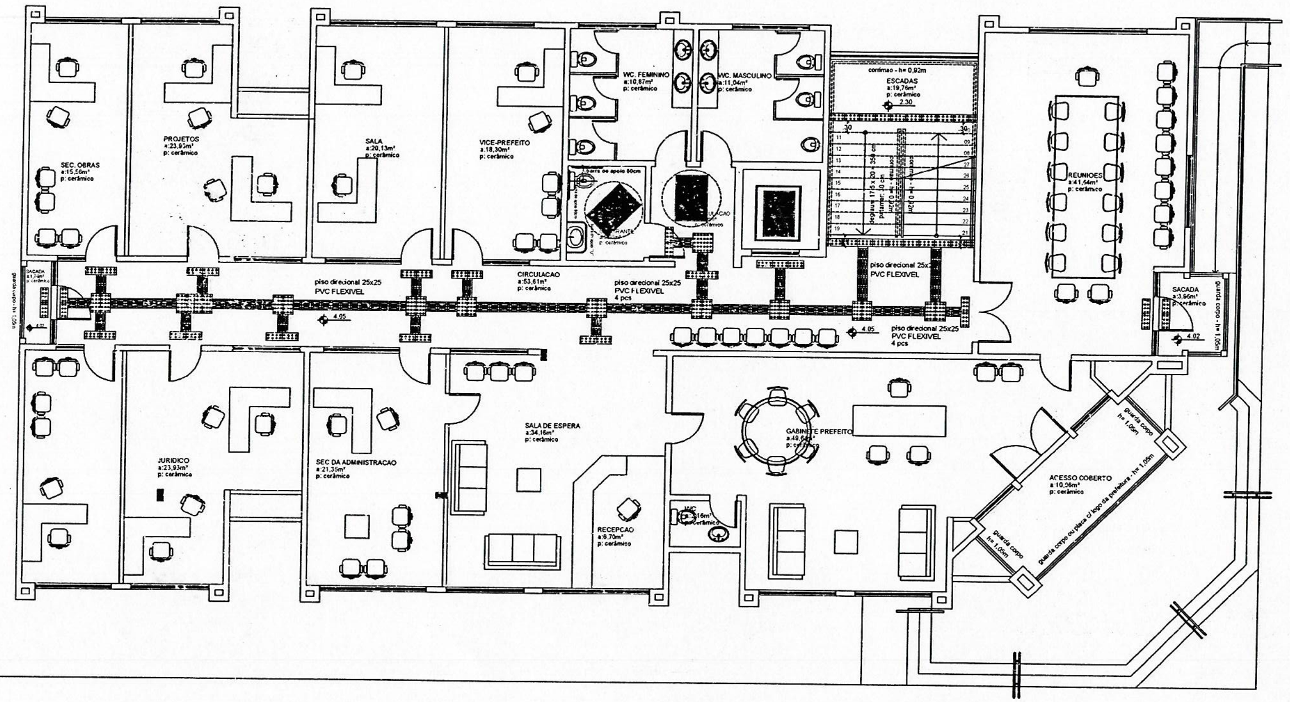
Detalhe Corrimão duplo fixo no chão
S/ Escala



Detalhe Corrimão simples fixo na parede
S/ Escala



Detalhe Tatil em escadas
S/ Escala



PRIMEIRO PRIMEIRO PAVTO

Área: 430,57m²
ESCALA 1:50

carimbos:

revisão: 00 desenho: cecilio
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CENTRO ADMINISTRATIVO DE
GUARANI DAS MISSOES

Rua Boa Vista esquina com Avenida Sao Miguel, 265,
Bairro Centro, Guarani das Missoes- RS

ARQUITETÔNICO
Acessibilidade Primeiro Pavto.

área:	escala:	
1.144,77 m²	1/75	11/11

PREFEITURA MUNICIPAL DE
GUARANI DAS MISSOES
CNPJ: 87.613.030/0001-51

RESP. TÉCNICO

CECILIO
BOBRZYK
arquitetura e urbanismo

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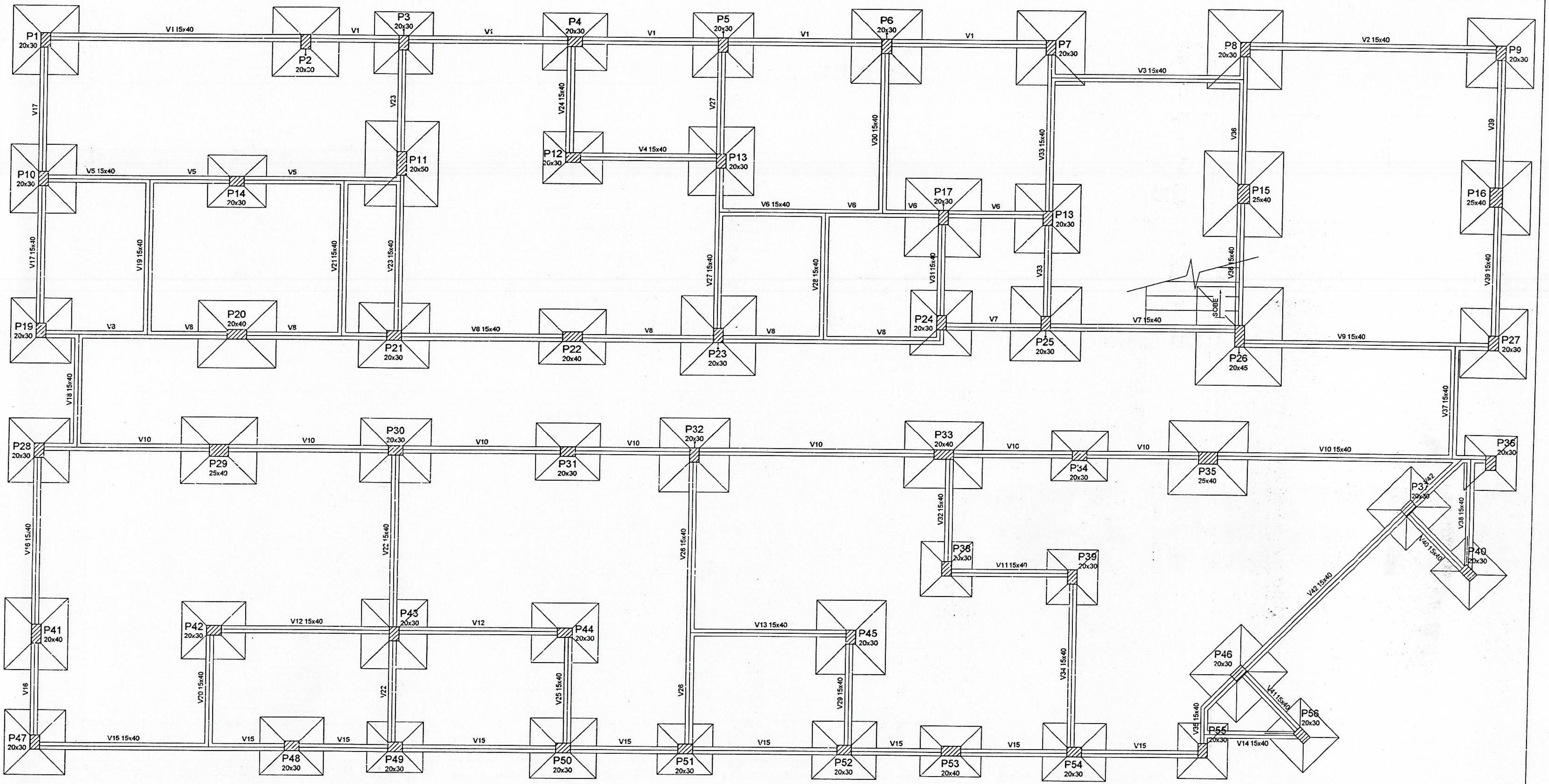


Forma do pavimento Fundações

escala 1:75

Características dos materiais

fck (kgf/cm²)	Ecs (kgf/cm²)
300	238000

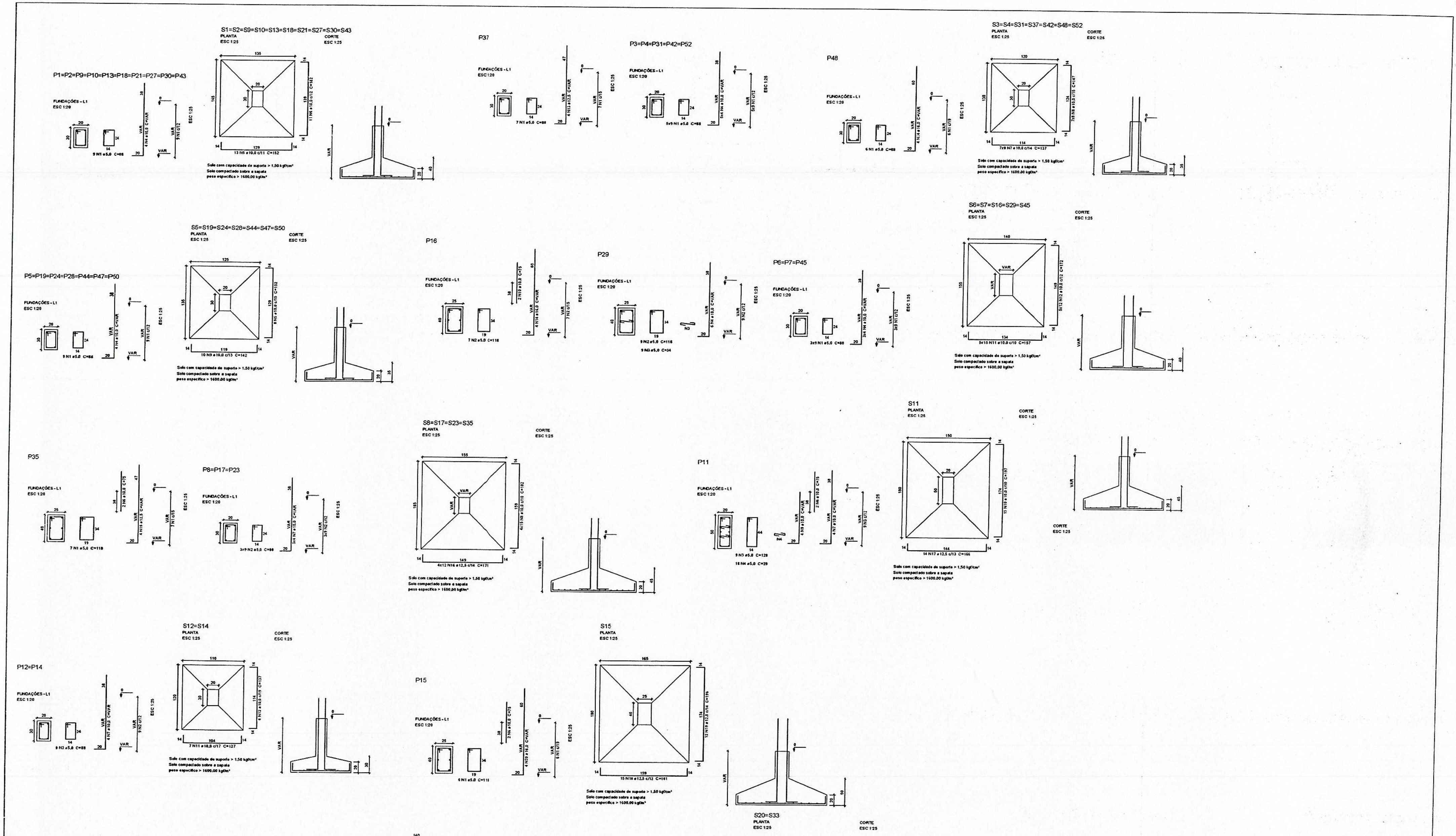
PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

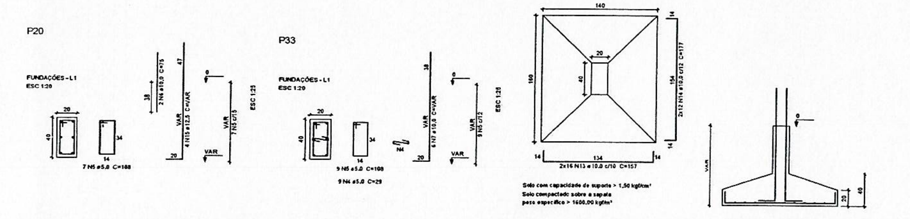
OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 01 - FORMA FUNDAÇÕES

E - 01

Responsável Técnico:	Prefeito:	Data:
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	Setembro/2022 Escala: 1:75




P20
P33
FUNDAÇÕES - L1
ESC 1:20
ESC 1:25
2x16 N13 ø10,0 c/10 C=157
2x12 N14 ø10,0 c/12 C=177
Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³
VAR

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	1439.9	887.7
	12.5	175.8	169.2
	16.0	21.2	33.3
CA60	5.0	323	49.8

PESO TOTAL	
CA50	1090.3
CA60	49.8

Vol. de concreto total (C-30) = 23,81 m³
Área de forma total = 84,44 m²

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

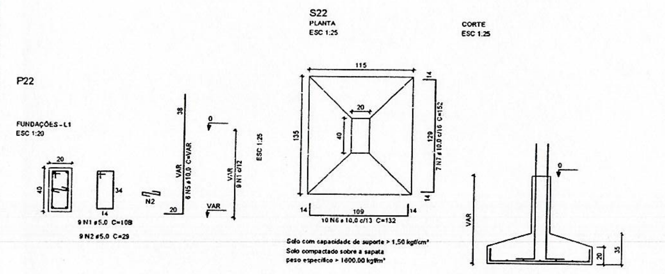
OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 02 - SAPATAS
E - 02

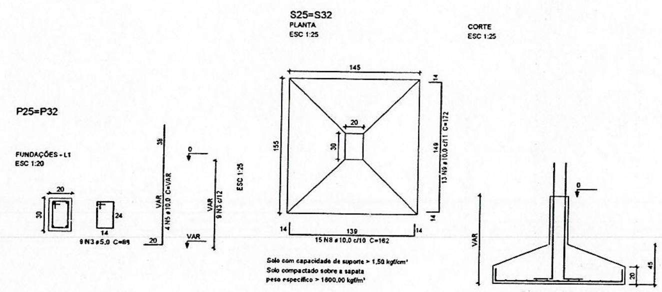
Responsável Técnico:
Fausto Scher
CREA RS 210377

Prefeito:
Jerônimo Jaskulski

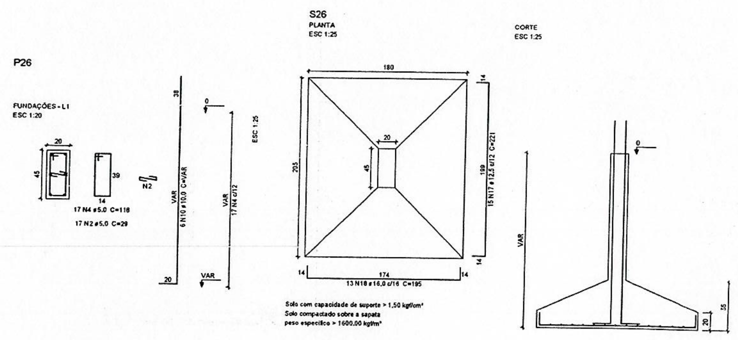
Data:
Setembro/2022



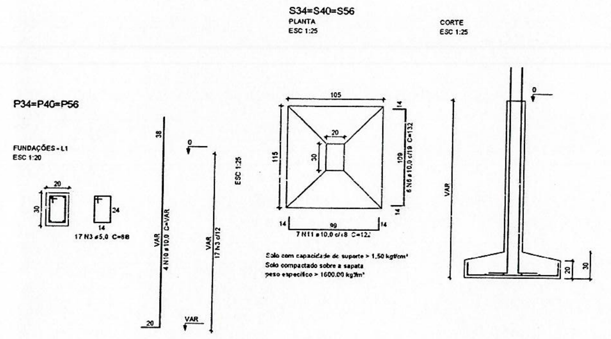
Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³



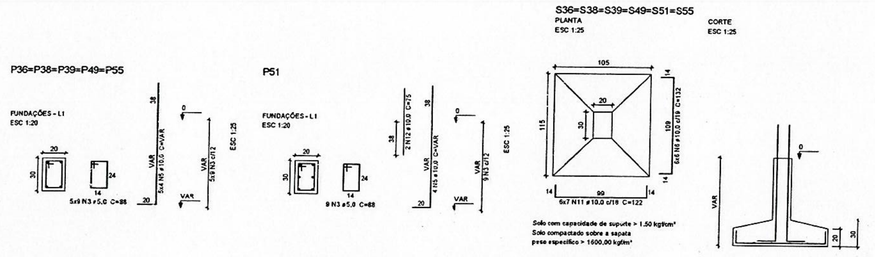
Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³



Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³



Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³



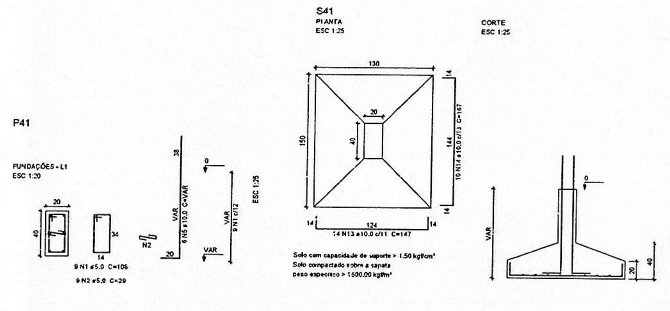
Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³

Resumo do aço

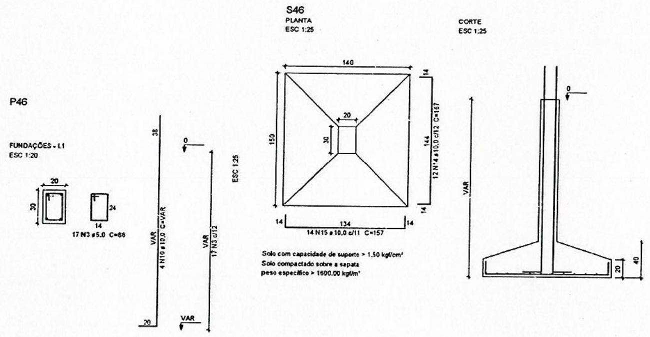
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	525.3	323.8
	12.5	33.2	31.9
	16.0	32.4	51.1
CA60	5.0	194.4	29.9

PESO TOTAL	
CA50	406.9
CA60	29.9

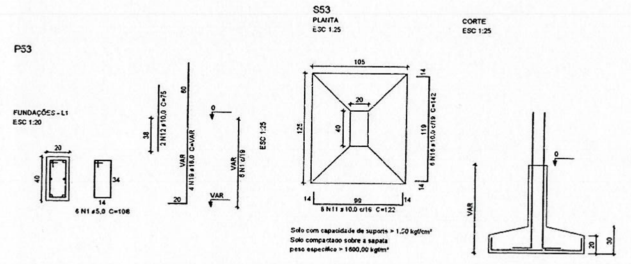
Vol. de concreto total (C-30) = 9,0 m³
Área de forma total = 41,26 m²



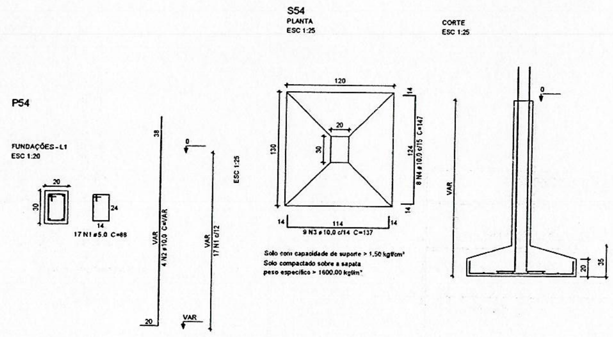
Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³



Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³



Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³



Solo com capacidade de suporte > 1,50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

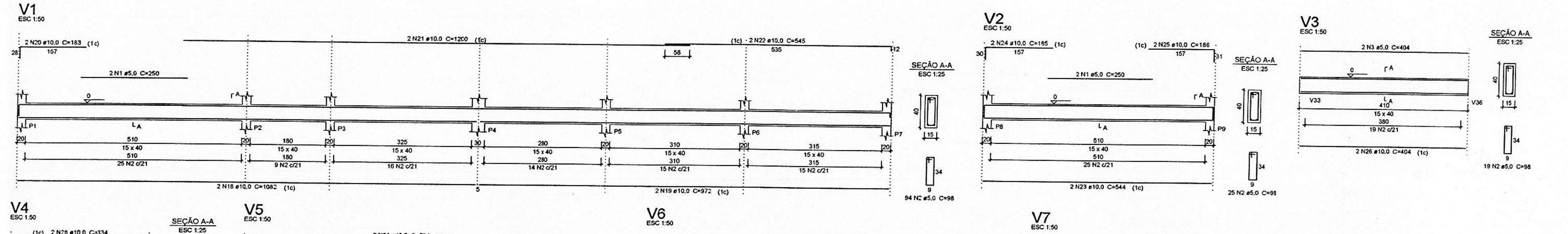
CONTEÚDO DA PRANCHA:
ESTRUTURAL 03 - SAPATAS

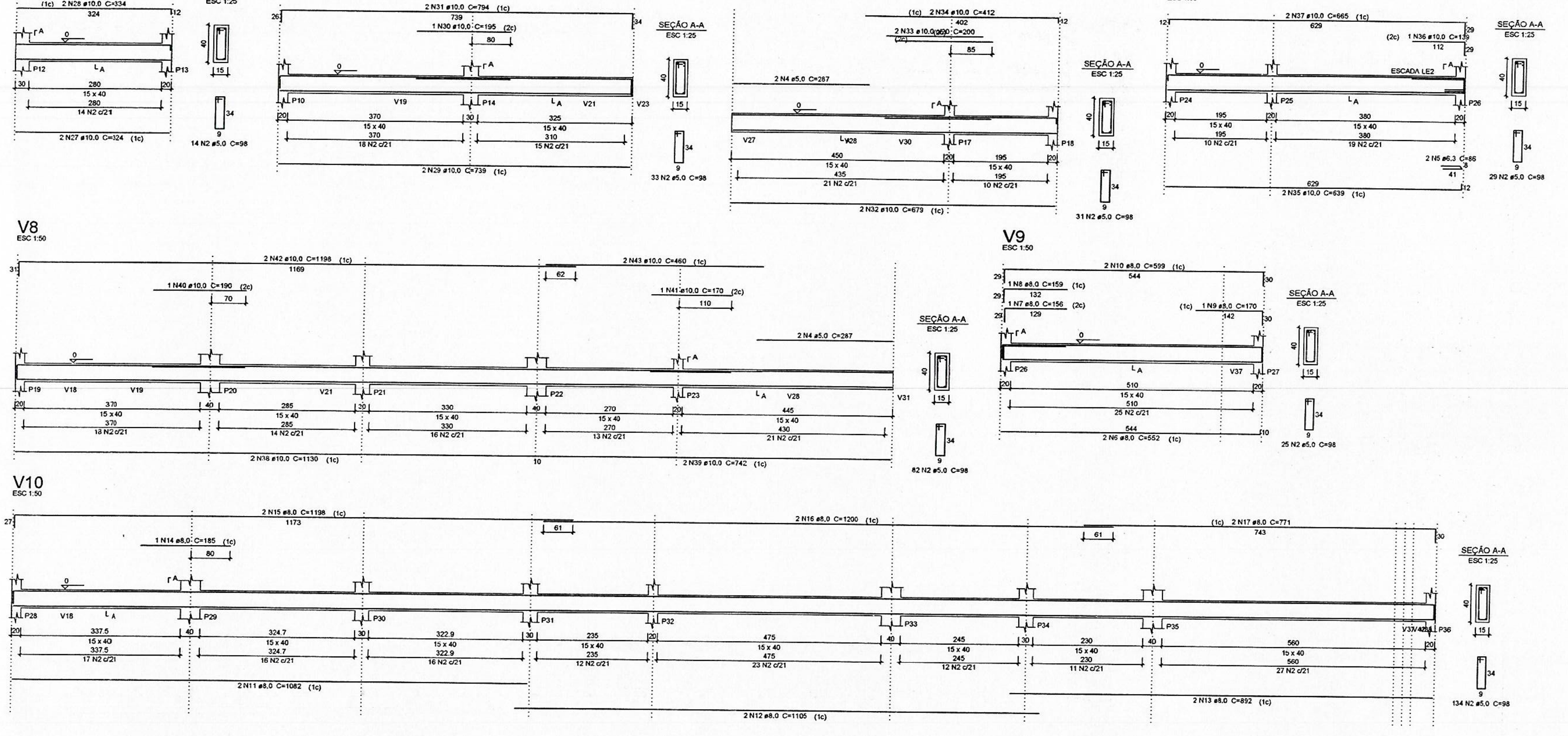
E - 03

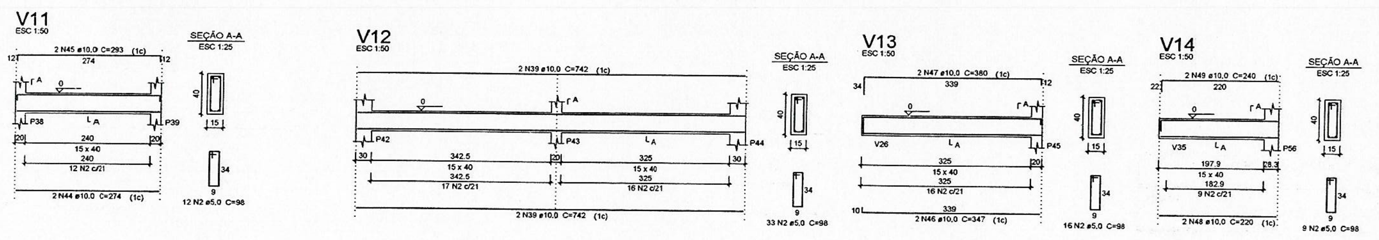
Responsável Técnico:
Fausto Scher
CREA RS 210377

Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022







Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	1.8	0.4
	8.0	154.7	61
	10.0	344.1	212.1
CA60	5.0	574.5	88.5

PESO TOTAL	
CA50	273.6
CA60	88.5

Vol. de concreto total (C-30) = 7.45 m³
Área de forma total = 118.03 m²

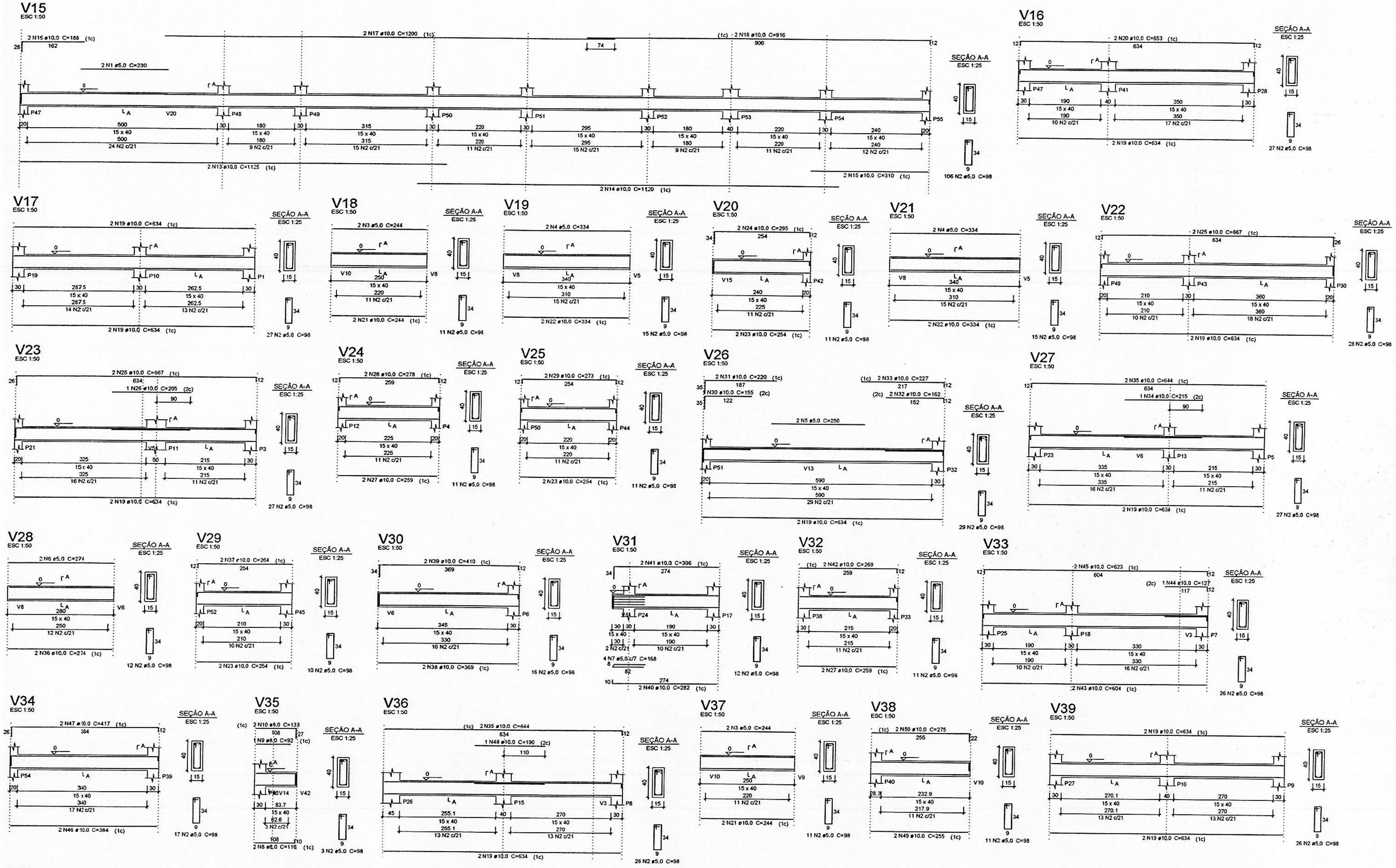
PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

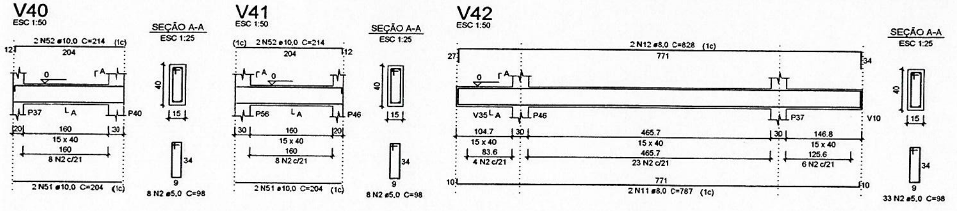
OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 04 - VIGAS DE FUNDAÇÃO

E - 04

Responsável Técnico:	Prefeito:	Data:
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	Setembro/2022





Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	38.2	15.1
	10.0	487.6	300.6
CA60	5.0	608.5	93.8

PESO TOTAL	
CA50	315.7
CA60	93.8

Vol. de concreto total (C-30) = 8.12 m³
Área de forma total = 128.51 m²

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

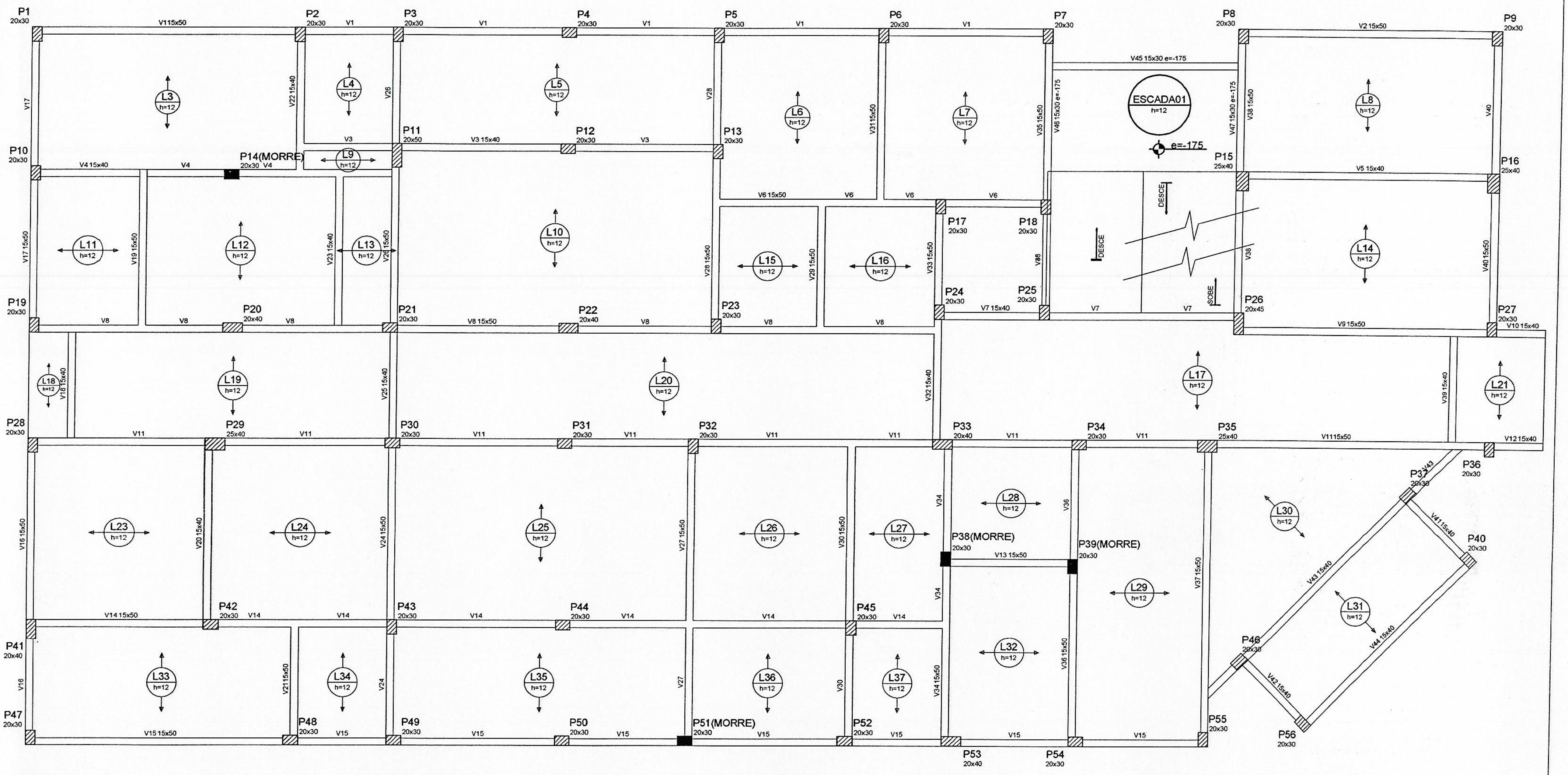
CONTEÚDO DA PRANCHA:
ESTRUTURAL 05 - VIGAS DE FUNDAÇÃO

E - 05

Responsável Técnico:
Fausto Scher
CREA RS 210377

Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022



Forma do pavimento Térreo

Características dos materiais

fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

Legenda dos Pilares

■	Pilar que morre
▨	Pilar que passa
☐	Pilar que nasce
▨	Pilar com mudança de seção

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 06 - FORMA PAV. TÉRREO

E - 06

Responsável Técnico:	Prefeito:	Data:
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	Setembro/2022 Escala: 1:75

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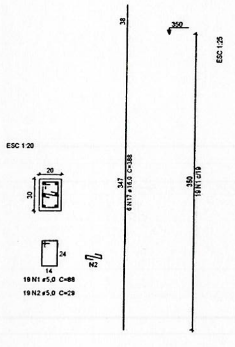

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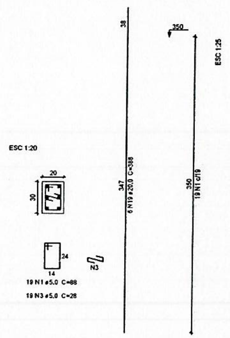

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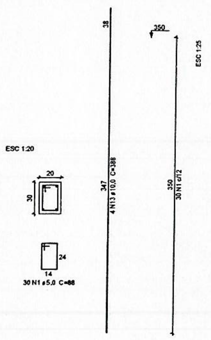

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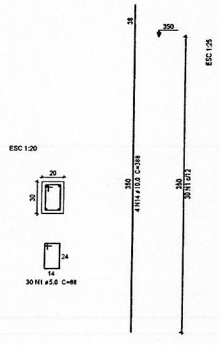

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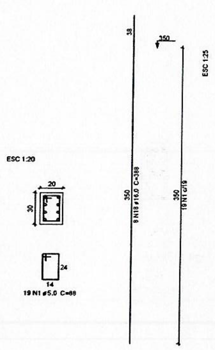

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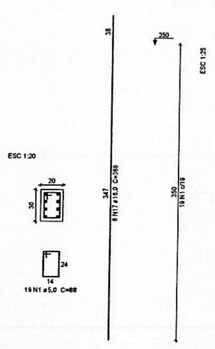

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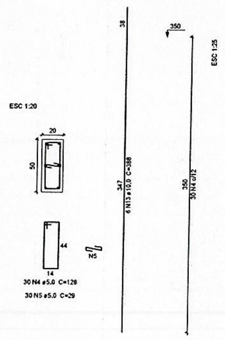

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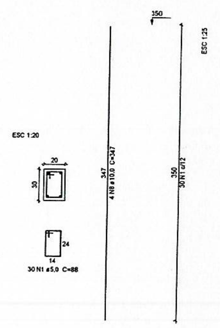

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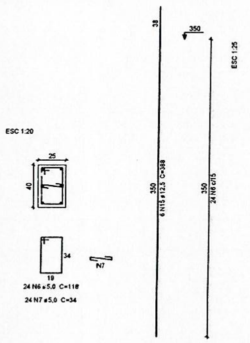

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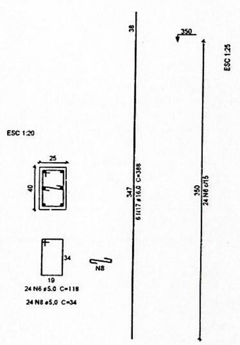

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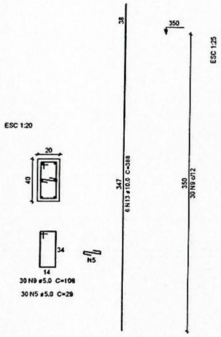

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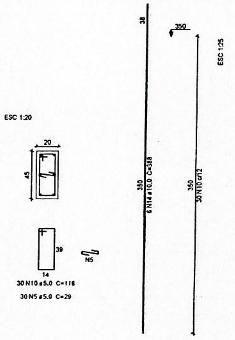

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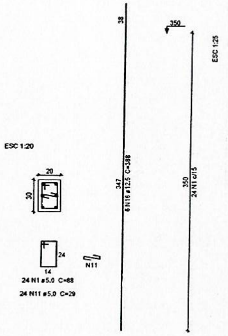

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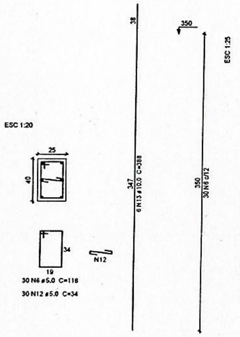

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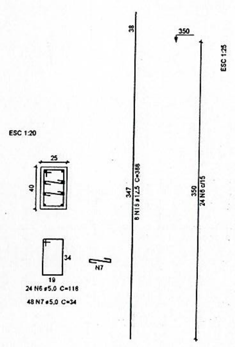

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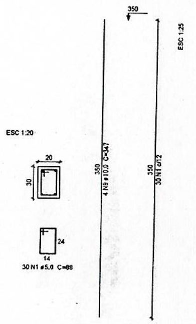

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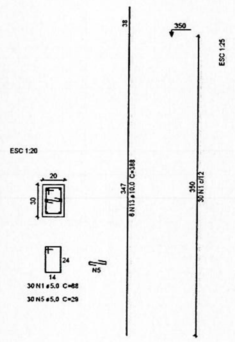

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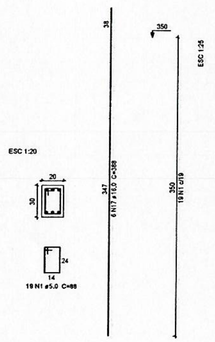

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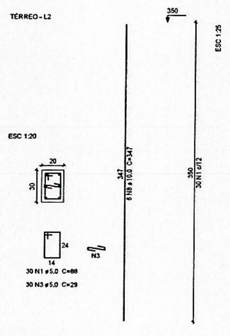

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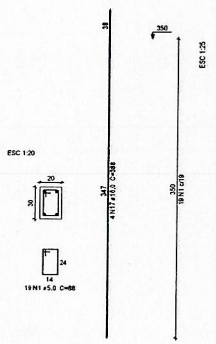

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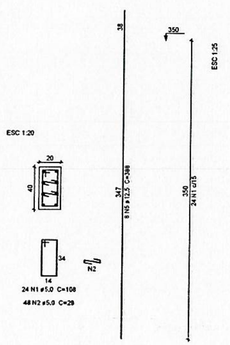

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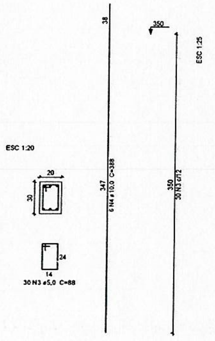


Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	677.0	417.4
	12.5	121.1	116.5
	16.0	157.8	248.9
	20.0	20.9	51.3
CA60	5.0	1607.4	246.5

PESO TOTAL	
CA50	795.7
CA60	231.5

Vol. de concreto total (C-25) = 12.91 m³
Área de forma total = 204.15 m²

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

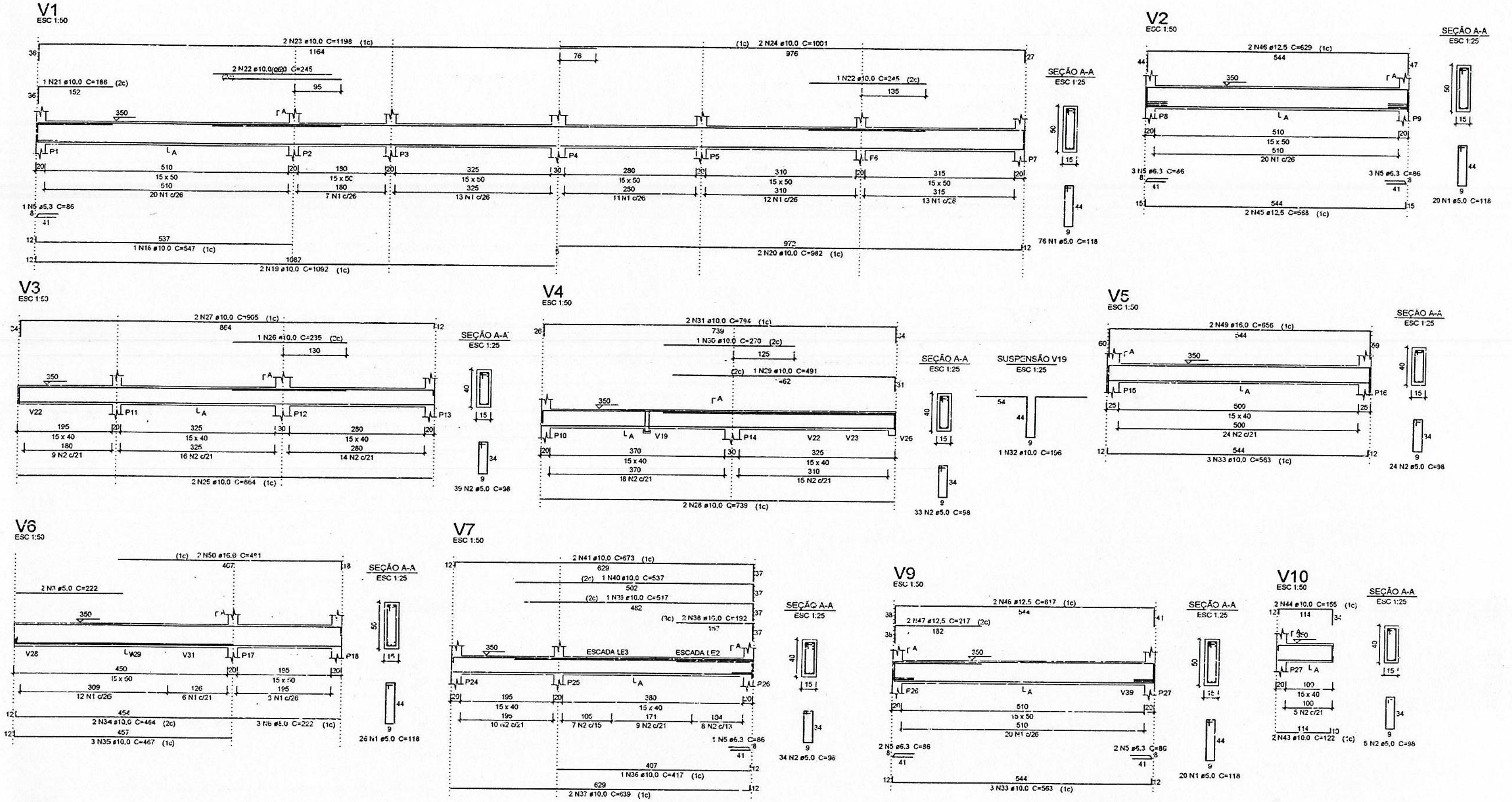
CONTEÚDO DA PRANCHA:
ESTRUTURAL 07 - PILARES DO PAV. TÉRREO

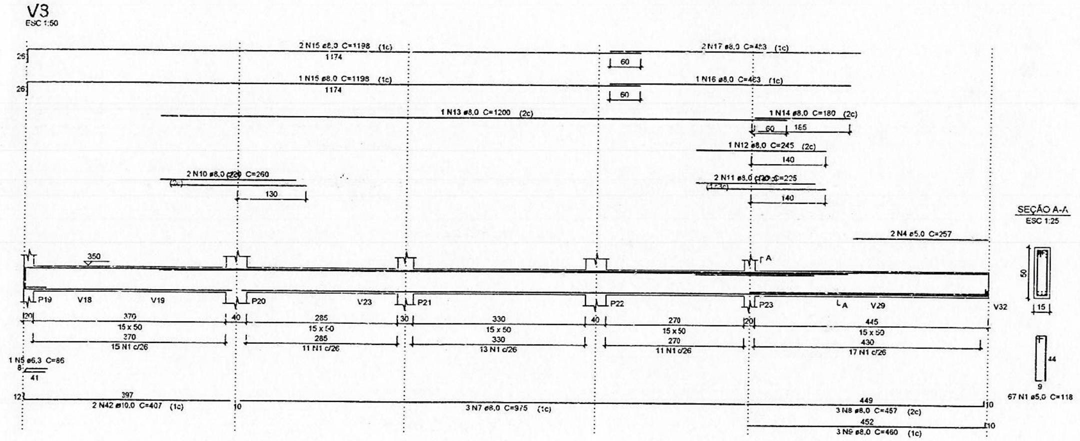
E - 07

Responsável Técnico:
Fausto Scher
CREA RS 210377

Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022





Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	11.2	2.7
	8.0	139.6	55.1
	10.0	293.7	181
	12.5	40.7	39.1
	16.0	22.8	35.9
CA60	5.0	388.5	59.9

PESO TOTAL	
CA50	313.9
CA60	59.9

Vol. de concreto total (C-25) = 6.03 m³
Área de forma total = 93.35 m²

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 08 - VIGAS PAV. TÉRREO

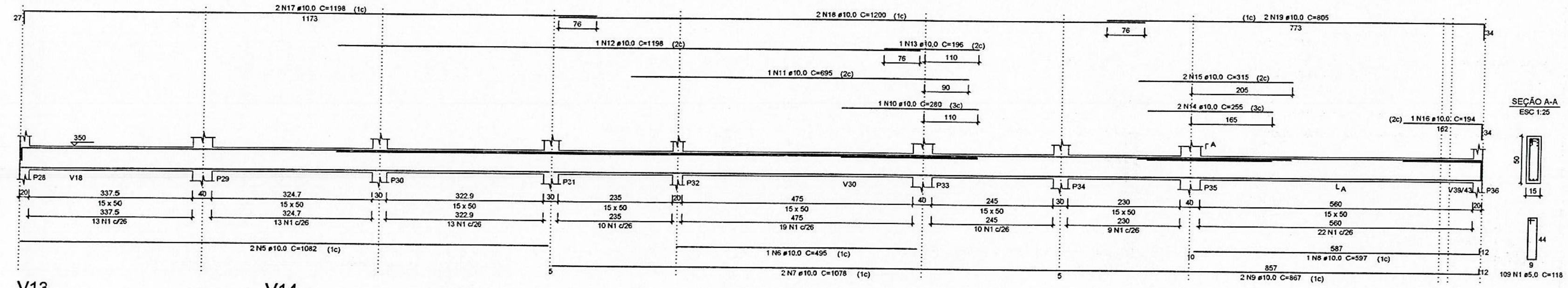
E - 08

Responsável Técnico:
Fausto Scher
CREA RS 210377

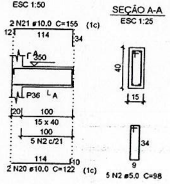
Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022

V11
ESC 1:50



V12
ESC 1:50



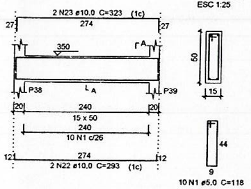
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	583.3	359.6
CA60	5.0	544.3	83.9

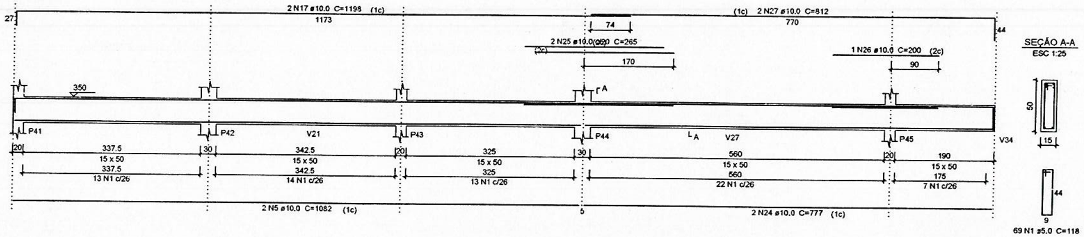
PESO TOTAL	
CA50	359.6
CA60	83.9

Vol. de concreto total (C-25) = 9.05 m³
Área de forma total = 139.35 m²

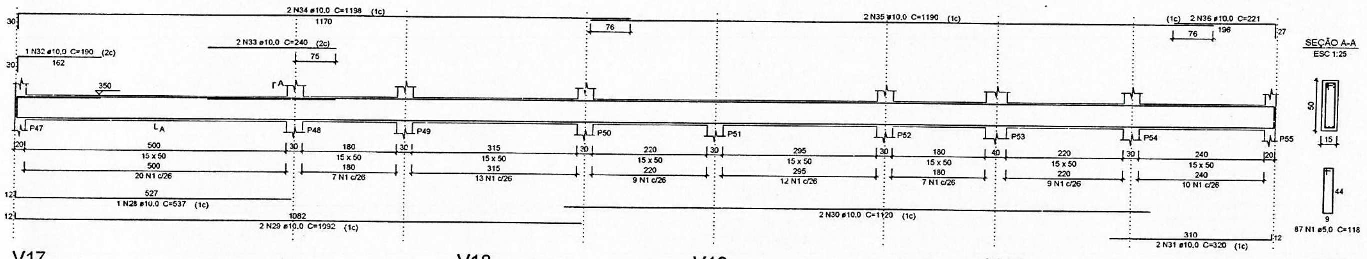
V13
ESC 1:50



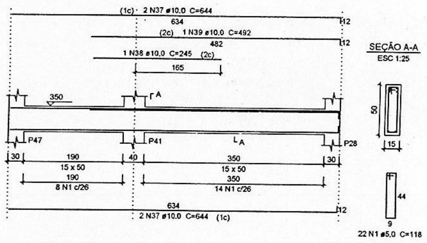
V14
ESC 1:50



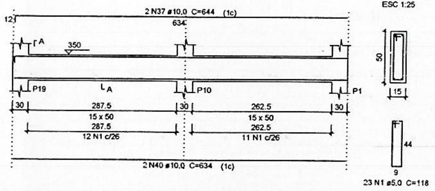
V15
ESC 1:50



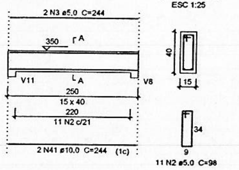
V16
ESC 1:50



V17
ESC 1:50



V18
ESC 1:50



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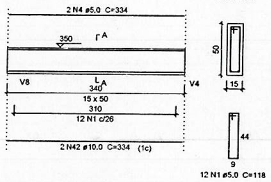
ESC 1:50



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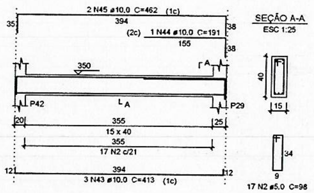
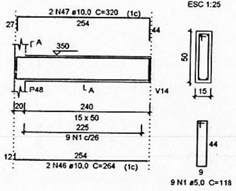
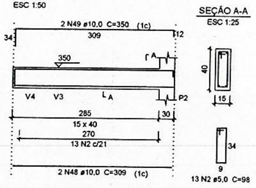
ESC 1:50



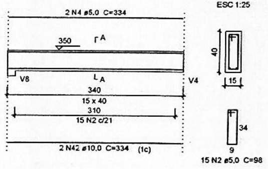
V21
ESC 1:50



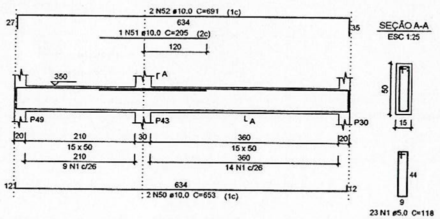
V22
ESC 1:50



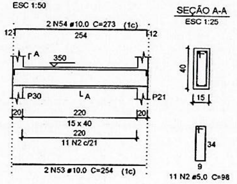
V23
ESC 1:50



V24
ESC 1:50



V25
ESC 1:50



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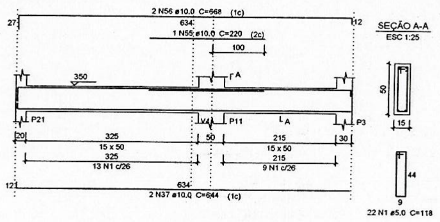
ESC 1:50



PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

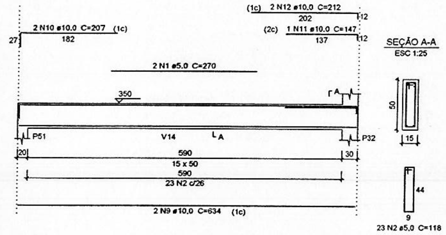
OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 09 - VIGAS PAV. TÉRREO

E - 09

Responsável Técnico:	Prefeito:	Data:
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	Setembro/2022

V27
ESC 1:50



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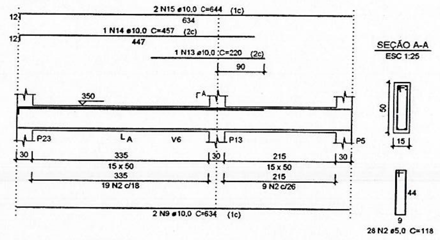
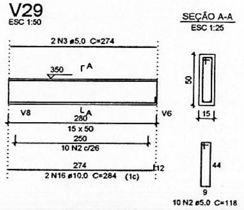
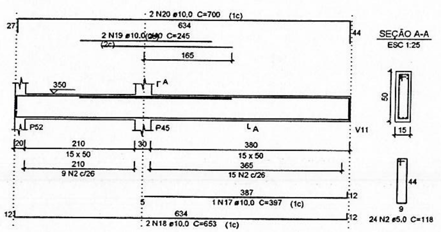


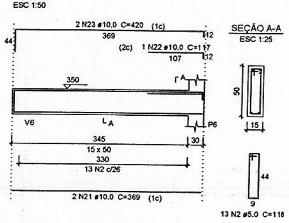
V29
ESC 1:50



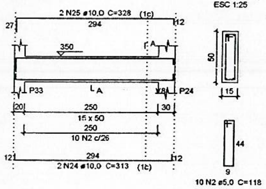
V30
ESC 1:50



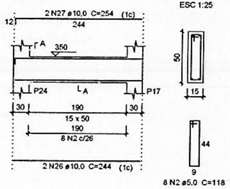
V31
ESC 1:50



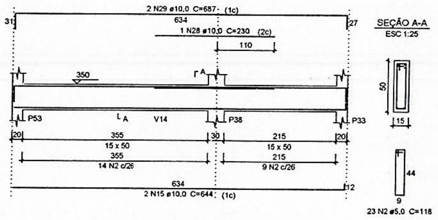
V32
ESC 1:50



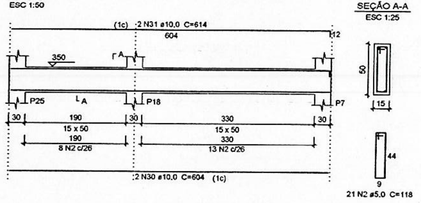
V33
ESC 1:50



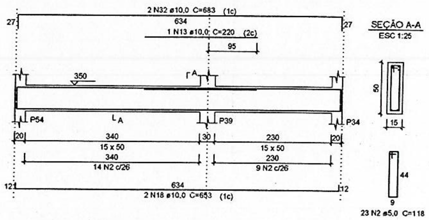
V34
ESC 1:50



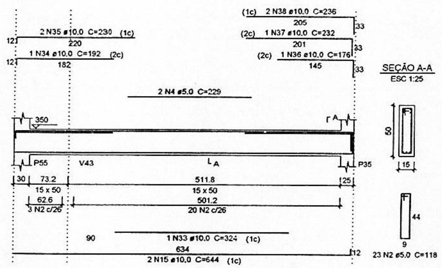
V35
ESC 1:50



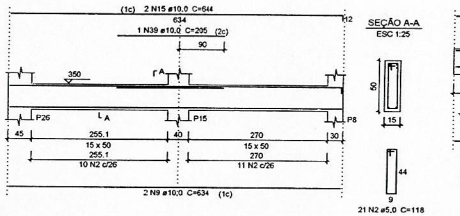
V36
ESC 1:50



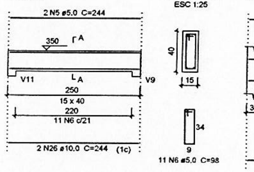
V37
ESC 1:50



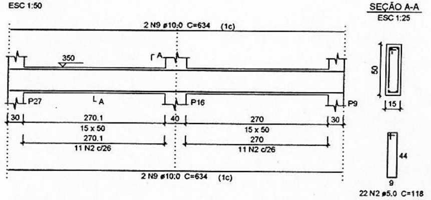
V38
ESC 1:50



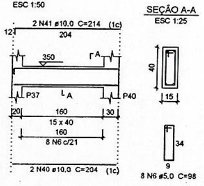
V39
ESC 1:50



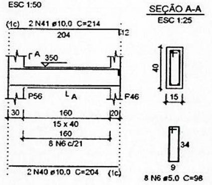
V40
ESC 1:50



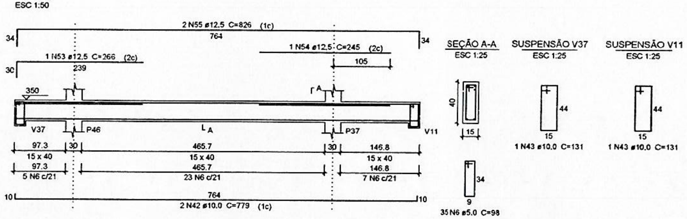
V41
ESC 1:50



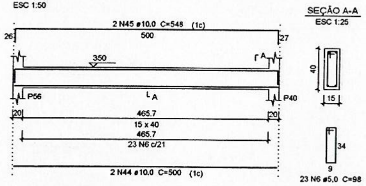
V42
ESC 1:50



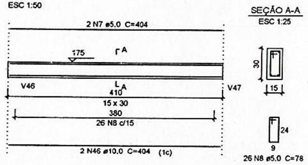
V43
ESC 1:50



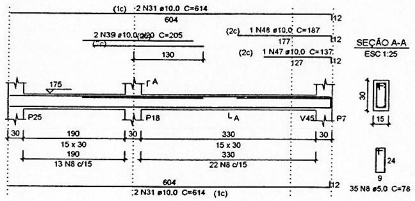
V44
ESC 1:50



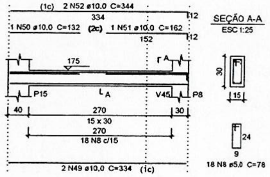
V45
ESC 1:50



V46
ESC 1:50



V47
ESC 1:50



Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	420.1	259
	12.5	21.7	20.8
CA60	5.0	467.2	72

PESO TOTAL	
CA50	279.8
CA60	72

Vol. de concreto total (C-25) = 6.98 m³
Área de forma total = 108.43 m²

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

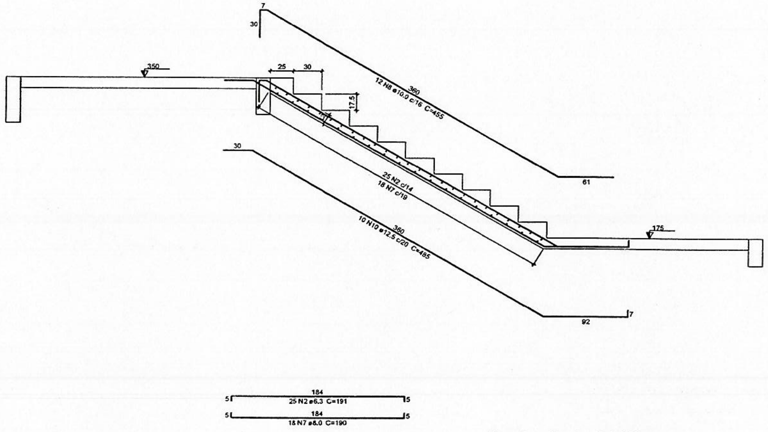
CONTEÚDO DA PRANCHA:
ESTRUTURAL 10 - VIGAS PAV. TÉRREO

E - 10

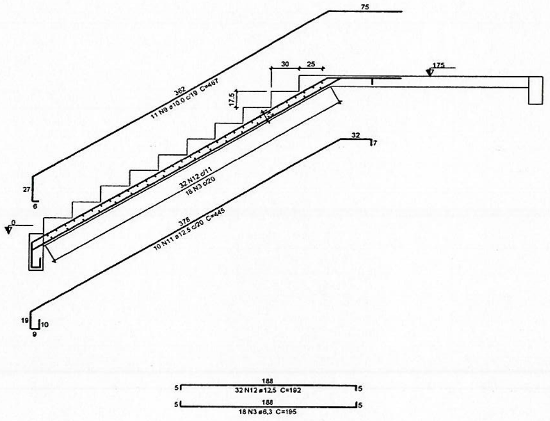
Responsável Técnico:
Fausto Scher
CREA RS 210377

Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022

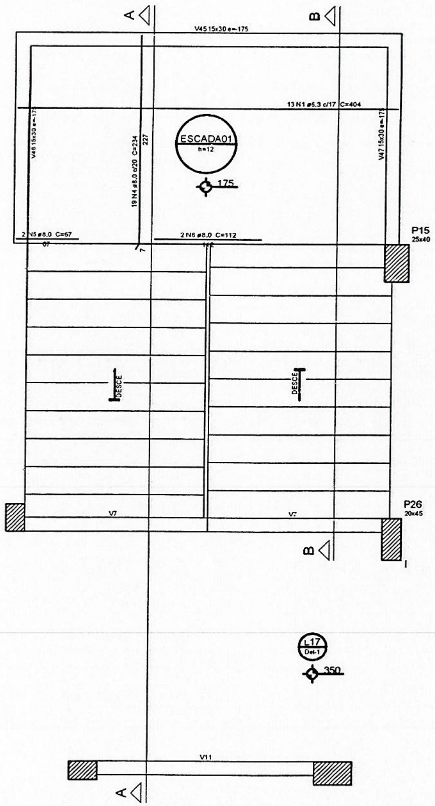


Corte A-A (LE3)
escala 1:25



Corte B-B (LE2)
escala 1:25

Armação positiva da escada E1
escala 1:25



Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	135.4	33.1
	8.0	82.3	32.5
	10.0	106	65.3
	12.5	154.5	148.8

PESO TOTAL	
CA50	279.7

Vol. de concreto total (C-30) = 3.56 m³
Área de forma total = 32.7 m²

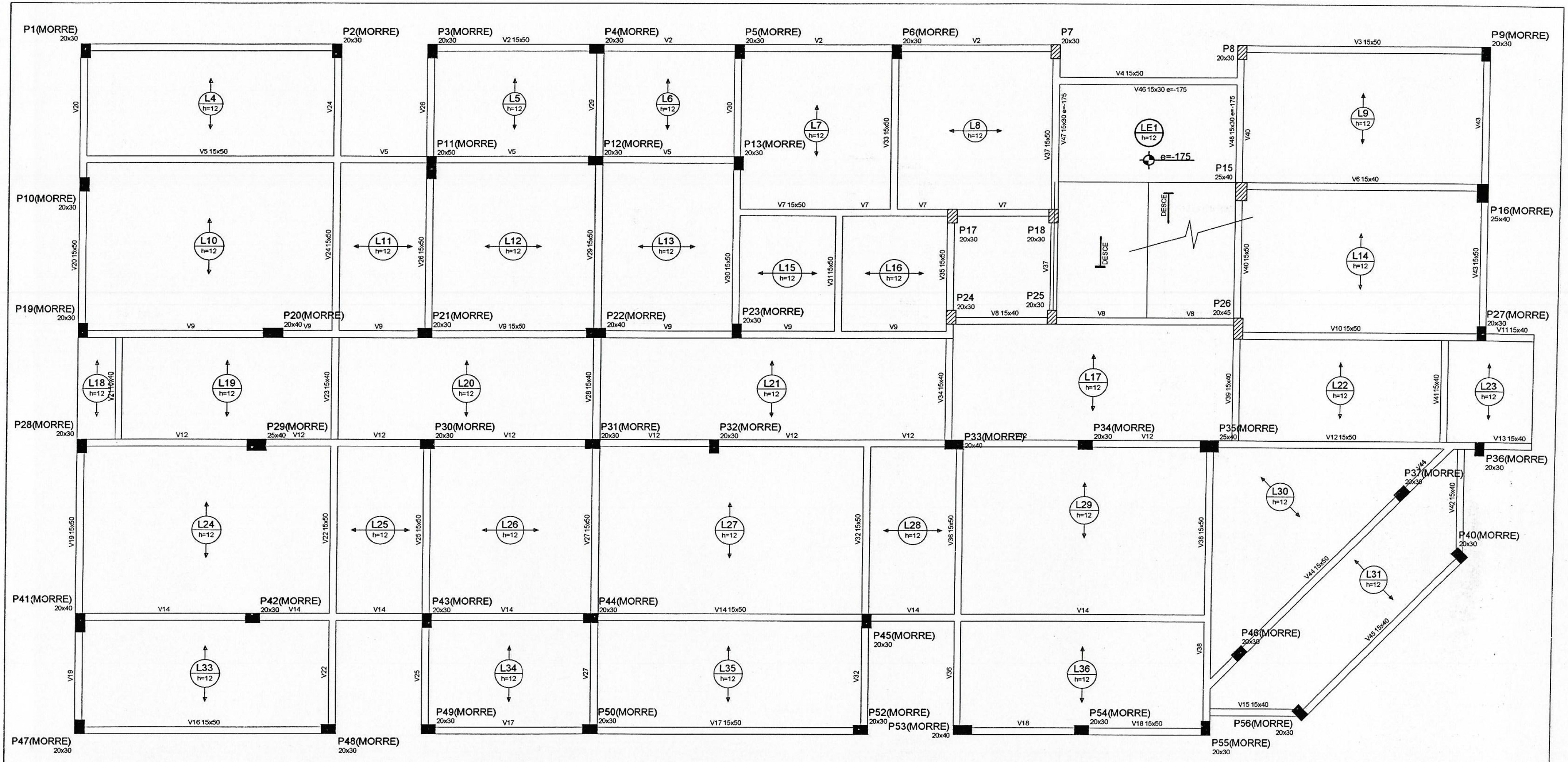
PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 11 - ESCADAS

E - 11

Responsável Técnico:	Prefeito:	Data:
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	Setembro/2022



Forma do Pavimento Superior

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

Legenda dos Pilares	
■	Pilar que morre
▨	Pilar que passa
□	Pilar que nasce
◩	Pilar com mudança de seção

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 12 - FORMA PAV. SUPERIOR

E - 12

Responsável Técnico:	Prefeito:	Data:
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	Setembro/2022 Escala: 1:75

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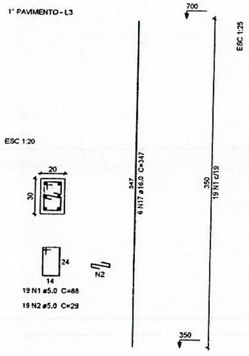
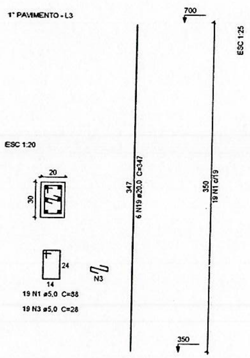


P2



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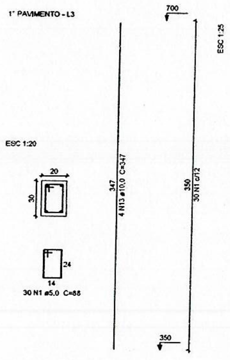
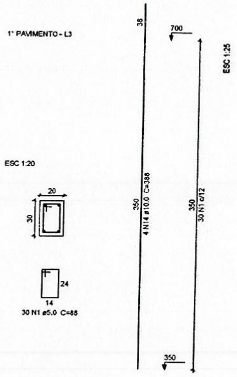
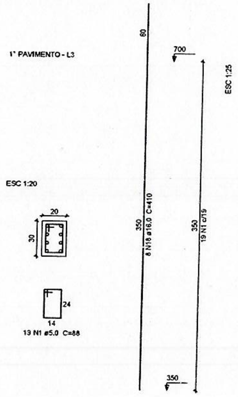
=P30=P31=P32=P34=P37=P42=P43=P44=P45
=P46=P49=P50=P54=P56



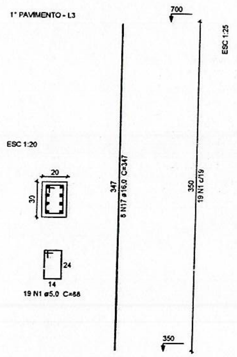
P7=P17=P18=P24=P25



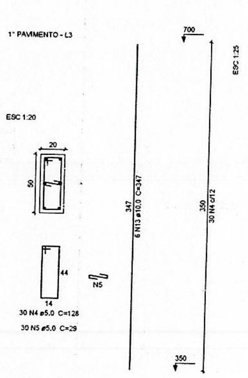
P8



P9



P11



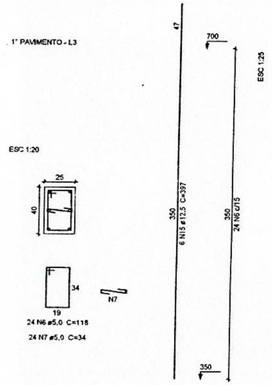
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	614.6	378.8
	12.5	121.1	116.5
	16.0	157.8	248.9
	20.0	20.9	51.3
CA60	5.0	1501.3	231.5

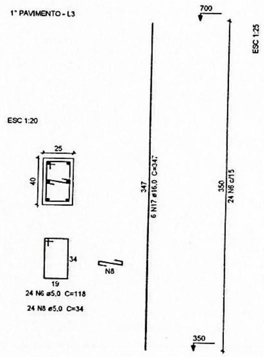
PESO TOTAL	
CA50	795.7
CA60	231.5

Vol. de concreto total (C-25) = 12.07 m³
Área de forma total = 192.15 m²

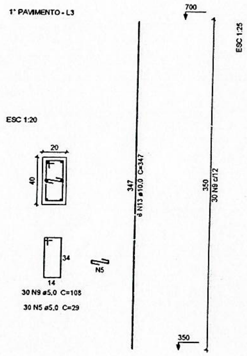
P15



P16



P20=P22=P33=P41



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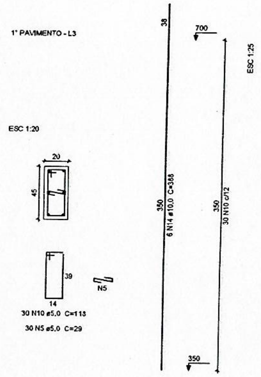

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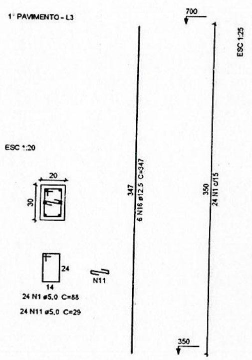
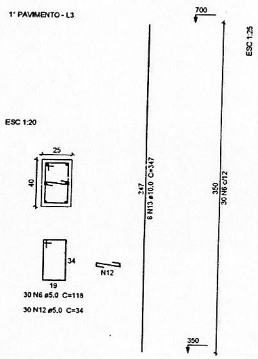
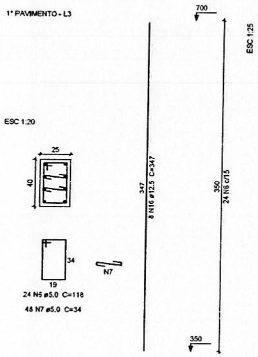


P29



P35



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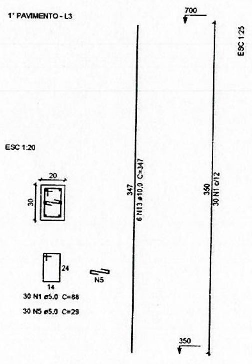

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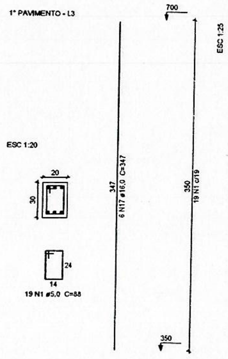

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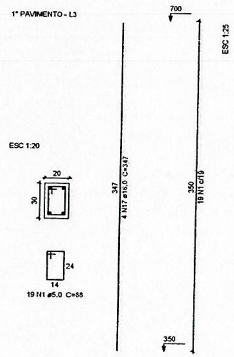

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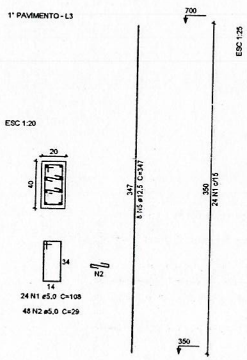

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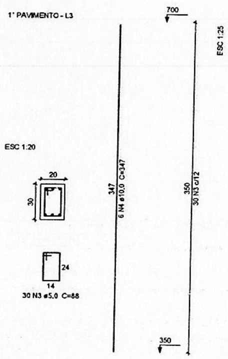


PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL T3 - PILARES PAV. SUPERIOR

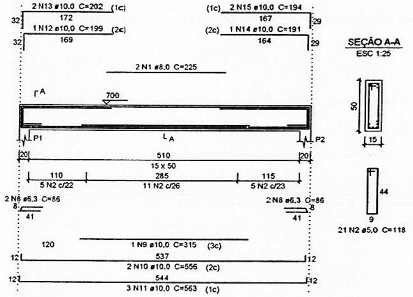
E - 13

Responsável Técnico:
Fausto Scher
CREA RS 210377

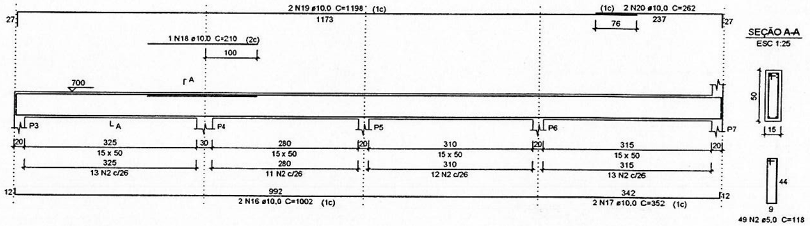
Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022

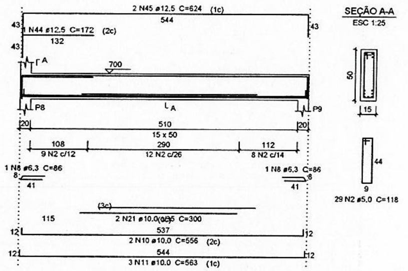
V1
ESC 1:50



V2
ESC 1:50



V3
ESC 1:50



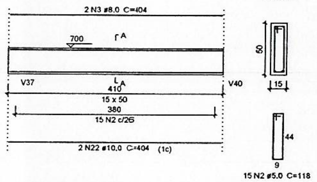
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	11.2	2.7
	10.0	348.2	214.6
	12.5	42.3	40.7
	16.0	57.7	91
CA60	5.0	441.2	68

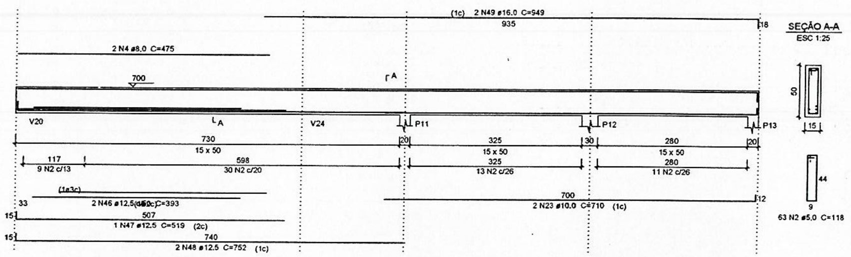
PESO TOTAL	
CA50	349.1
CA60	68

Vol. de concreto total (C-25) = 6,29 m³
Área de forma total = 96,81 m²

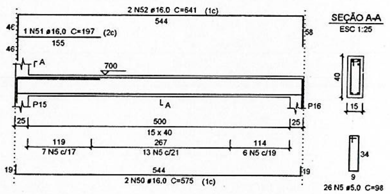
V4
ESC 1:50



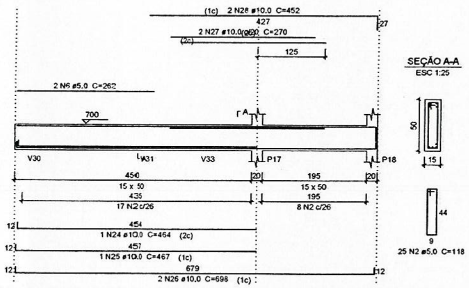
V5
ESC 1:50



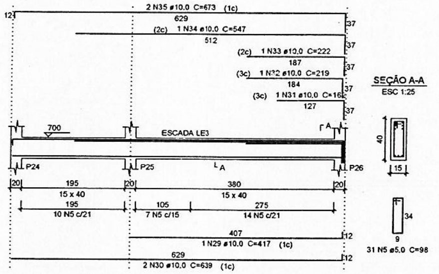
V6
ESC 1:50



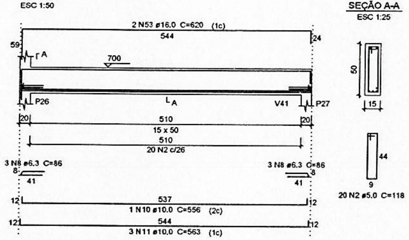
V7
ESC 1:50



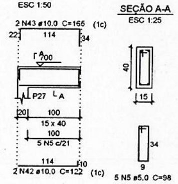
V8
ESC 1:50



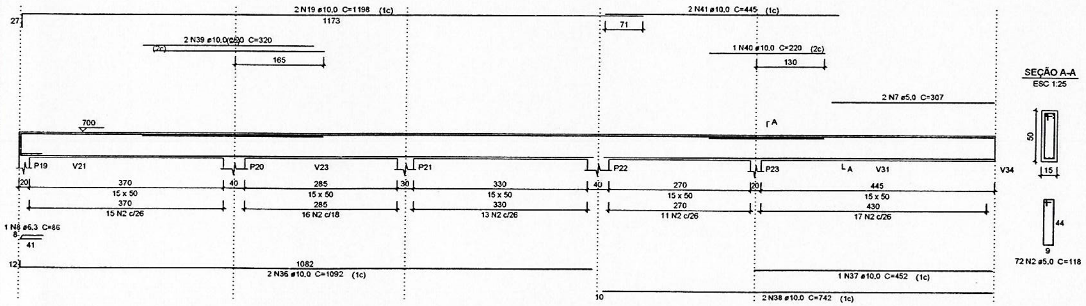
V10
ESC 1:50



V11
ESC 1:50



V9
ESC 1.50



PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
ESTRUTURAL 14 - VIGAS DO PAV. SUPERIOR

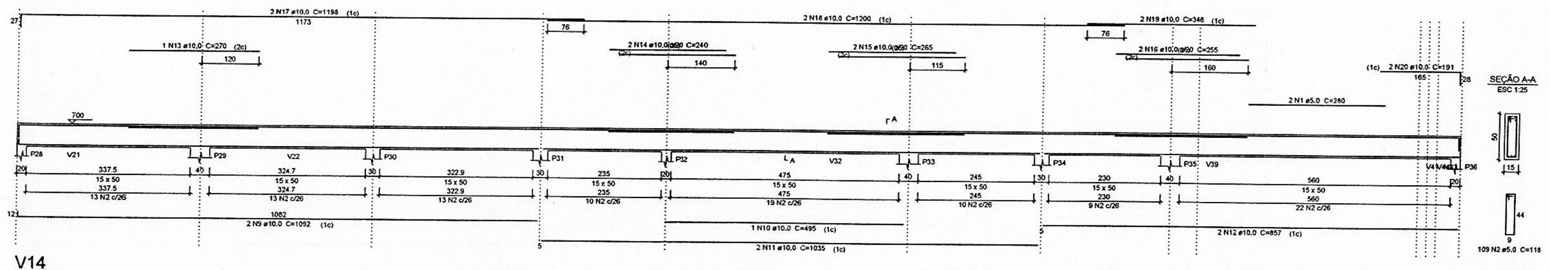
E - 14

Responsável Técnico:
Fausto Scher
CREA RS 210377

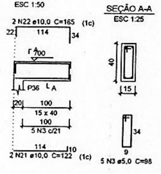
Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022

V12
ESC 1:50



V13
ESC 1:50



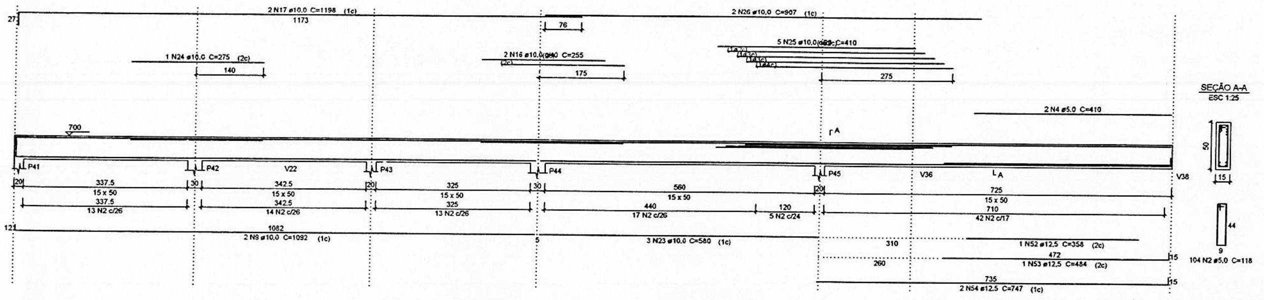
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	1.8	0.4
	10.0	522.8	322.3
	12.5	101.9	98 2
CA60	5.0	623.3	96.1

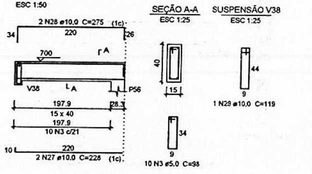
PESO TOTAL	
CA50	420.9
CA60	96.1

Vol. de concreto total (C-25) = 9,62 m³
Área de forma total = 147,82 m²

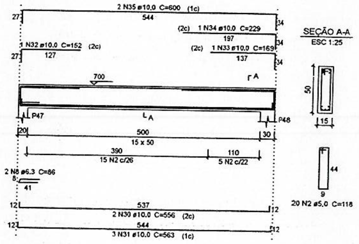
V14
ESC 1:50



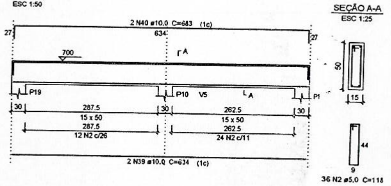
V15
ESC 1:50



V16
ESC 1:50



V20
ESC 1:50



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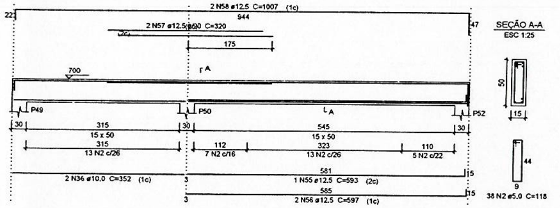
ESC 1:50



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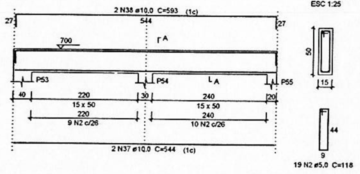
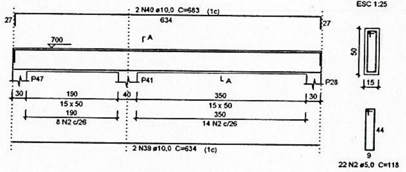
ESC 1:50



V19
ESC 1:50



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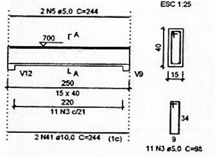
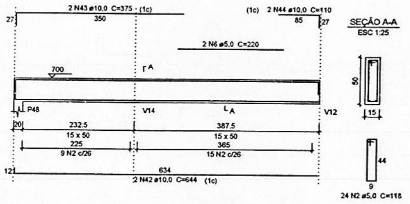
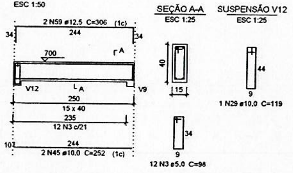
ESC 1:50



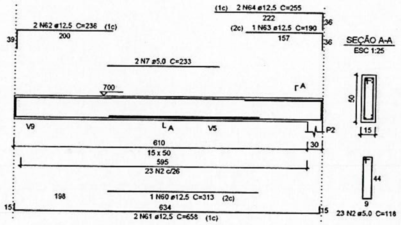
V22
ESC 1:50



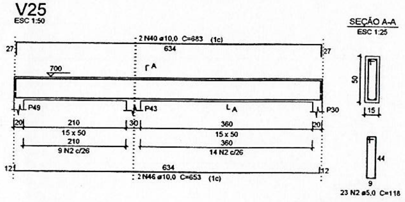
V23
ESC 1:50



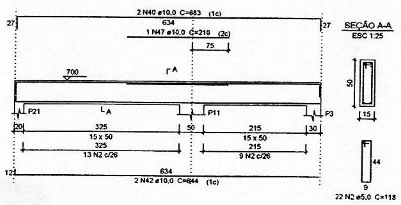
V24
ESC 1:50



V25
ESC 1:50



V26
ESC 1:50



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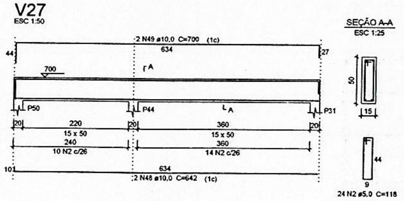
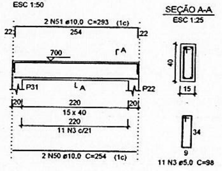
ESC 1:50



V28
ESC 1:50



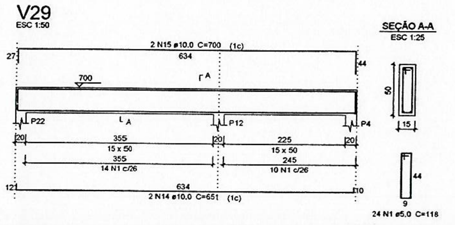
PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

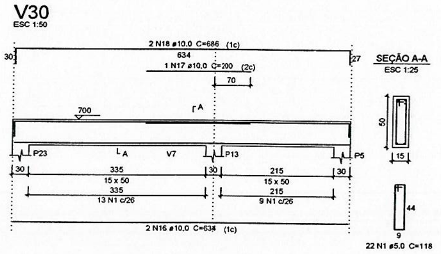
OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

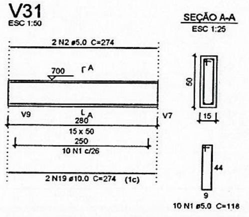
CONTEÚDO DA PRANCHA:
ESTRUTURAL 15 - VIGAS DO PAV. SUPERIOR

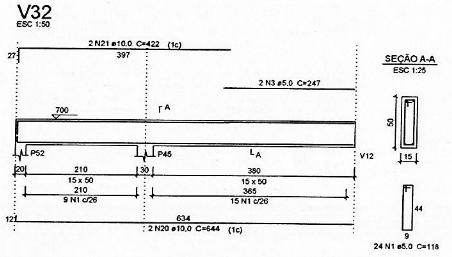
E - 15

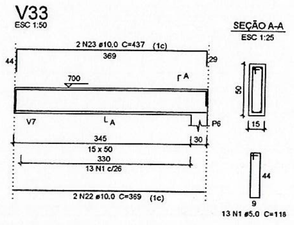
Responsável Técnico:	Prefeito:	Data:
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	Setembro/2022

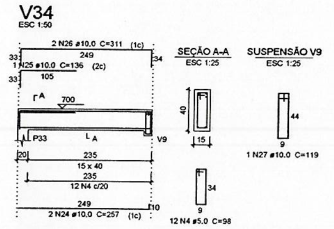


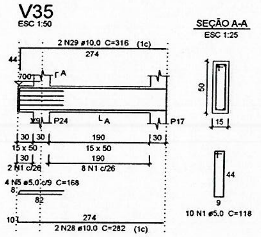


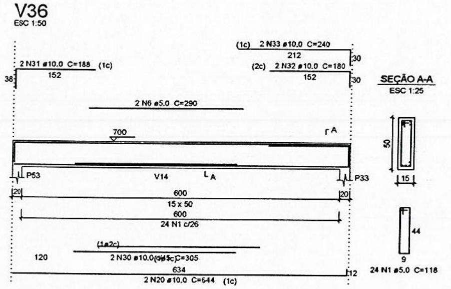


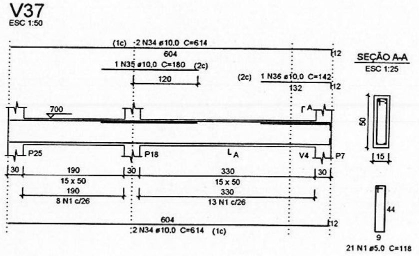










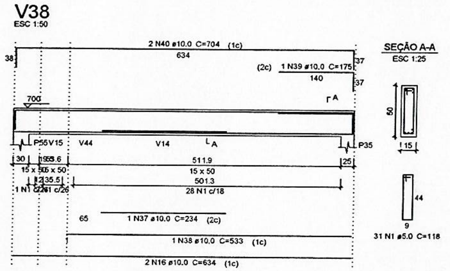


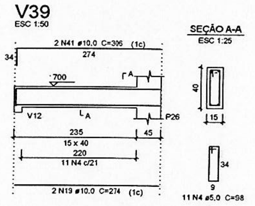
Resumo do aço

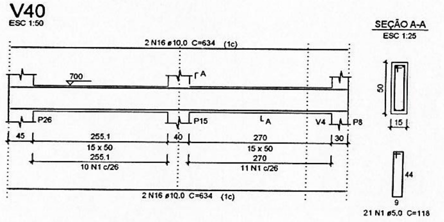
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	1.1	0.3
	8.0	32.3	12.7
	10.0	364.1	224.4
	16.0	16.9	26.7
CA60	5.0	457.1	70.5

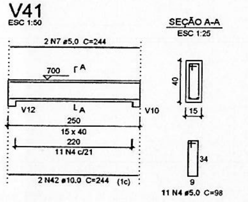
PESO TOTAL	
CA50	264.1
CA60	70.5

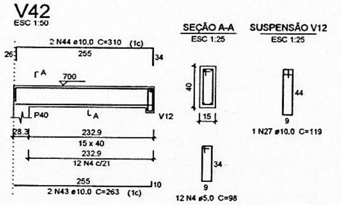
Vol. de concreto total (C-25) = 6.54 m³
Área de forma total = 101.43 m²

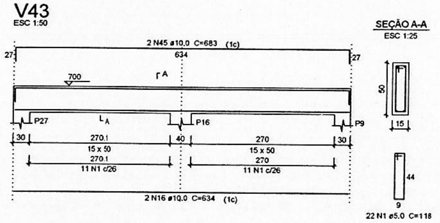


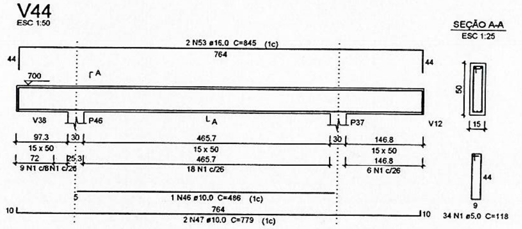


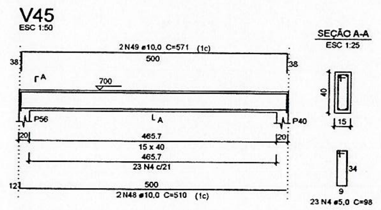


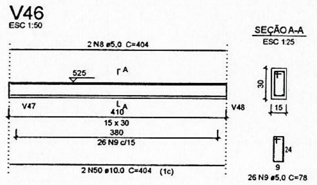


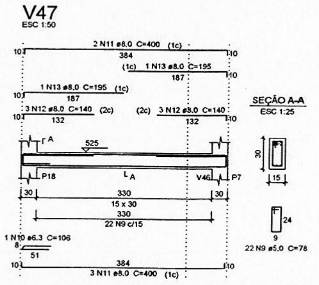


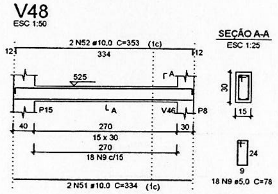




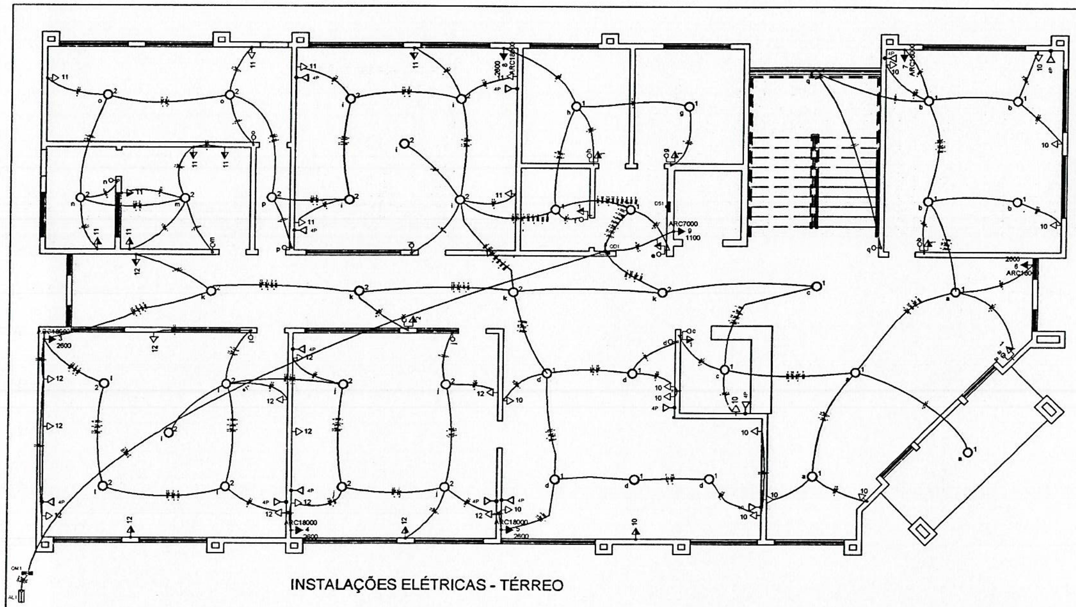








PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES RUA BOA VISTA, 265		
OBRA: CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO		
CONTEÚDO DA PRANCHA: ESTRUTURAL 16 - VIGAS DO PAV. SUPERIOR		E - 16
Responsável Técnico:	Prefeito:	Data: Setembro/2022
Fausto Scher CREA RS 210377	Jerônimo Jaskulski	



INSTALAÇÕES ELÉTRICAS - TÉRREO

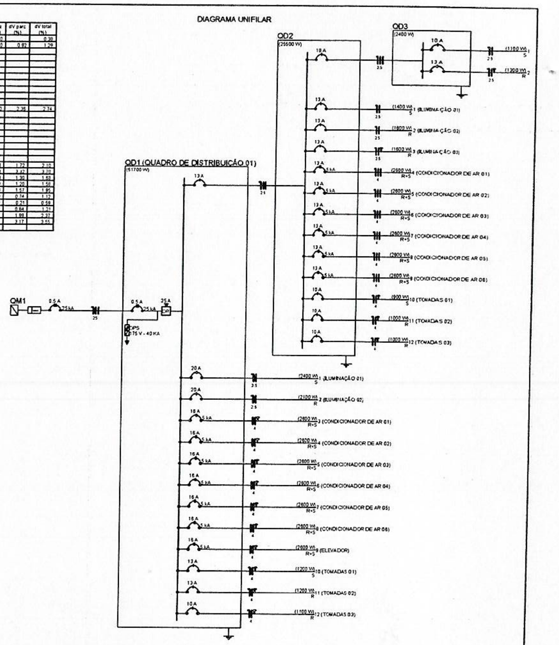
Quadro de Cargas (QD1)

Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)	Tomadas (W)			Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)
					100	100	1100	2600														
QD2		2F+N	B1	220 / 127 V					27767	25500	R+S	14300	11200		1.00	1.00	12.9	2.5	28.0	13.0		0.38
1	ILUMINAÇÃO 01	F+N	B1	127 V	20	7			2478	2400	S		2400		1.00	0.50	19.6	2.5	41.0	20.0	0.92	1.29
	a				4				400	400	S		400			0.65	7.3	2.5	41.0			
	b				4				200	200	S		200			0.65	9.7	2.5	41.0			
	c				2				200	200	S		200			0.65	2.4	2.5	41.0			
	d				4				400	400	S		400			0.50	6.3	2.5	41.0			
	e				1				100	100	S		100			0.50	12.6	2.5	41.0			
	f				1				100	100	S		100			0.50	11.0	2.5	41.0			
	g				1				100	100	S		100			0.50	9.4	2.5	41.0			
	h				1				100	100	S		100			0.50	7.9	2.5	41.0			
	q				1				100	100	S		100			0.65	14.9	2.5	41.0			
2	ILUMINAÇÃO 02	F+N	B1	127 V	23	1			2111	2100	R	2100			1.00	0.50	33.2	2.5	41.0	20.0	2.36	2.74
	i				5				400	400	R	400				0.50	29.9	2.5	41.0			
	j				4				400	400	R	400				0.50	12.8	2.5	41.0			
	k				4				300	300	R	300				0.50	17.3	2.5	41.0			
	l				5				400	400	R	400				0.50	6.3	2.5	41.0			
	m				1				100	100	R	100				0.50	20.5	2.5	41.0			
	n				1				100	100	R	100				0.50	18.9	2.5	41.0			
	o				2				200	200	R	200				0.50	23.6	2.5	41.0			
	p				1				100	100	R	100				0.50	33.2	2.5	41.0			
3	CONDICIONADOR DE AR 01	F+F+T	B1	220 V				1	2889	2600	R+S	1300	1300		1.00	0.50	28.3	4	32.0	16.0	1.72	2.10
4	CONDICIONADOR DE AR 02	F+F+T	B1	220 V				1	2889	2600	R+S	1300	1300		1.00	0.50	28.3	4	32.0	16.0	3.32	3.70
5	CONDICIONADOR DE AR 03	F+F+T	B1	220 V				1	2889	2600	R+S	1300	1300		1.00	0.50	28.3	4	32.0	16.0	1.30	1.68
6	CONDICIONADOR DE AR 04	F+F+T	B1	220 V				1	2889	2600	R+S	1300	1300		1.00	0.65	20.2	4	32.0	16.0	1.20	1.58
7	CONDICIONADOR DE AR 05	F+F+T	B1	220 V				1	2889	2600	R+S	1300	1300		1.00	0.65	20.2	4	32.0	16.0	1.57	1.95
8	CONDICIONADOR DE AR 06	F+F+T	B1	220 V				1	2889	2600	R+S	1300	1300		1.00	0.50	28.3	4	32.0	16.0	0.74	1.12
9	ELEVADOR	F+F+T	B1	220 V				1	2889	2600	R+S	1300	1300		1.00	1.00	5.6	4	24.0	16.0	0.21	0.59
10	TOMADAS 01	F+N+T	B1	127 V		12			1333	1200	S		1200		1.00	0.50	10.5	4	32.0	13.0	0.84	1.21
11	TOMADAS 02	F+N+T	B1	127 V		12			1333	1200	R	1200			1.00	0.50	21.0	4	32.0	13.0	1.99	2.37
12	TOMADAS 03	F+N+T	B1	127 V		14			1722	1400	R	1400			1.00	0.50	19.2	4	32.0	13.0	2.17	2.55
TOTAL					37	43	1	6	56467	51700	R+S	27800	23900	0								

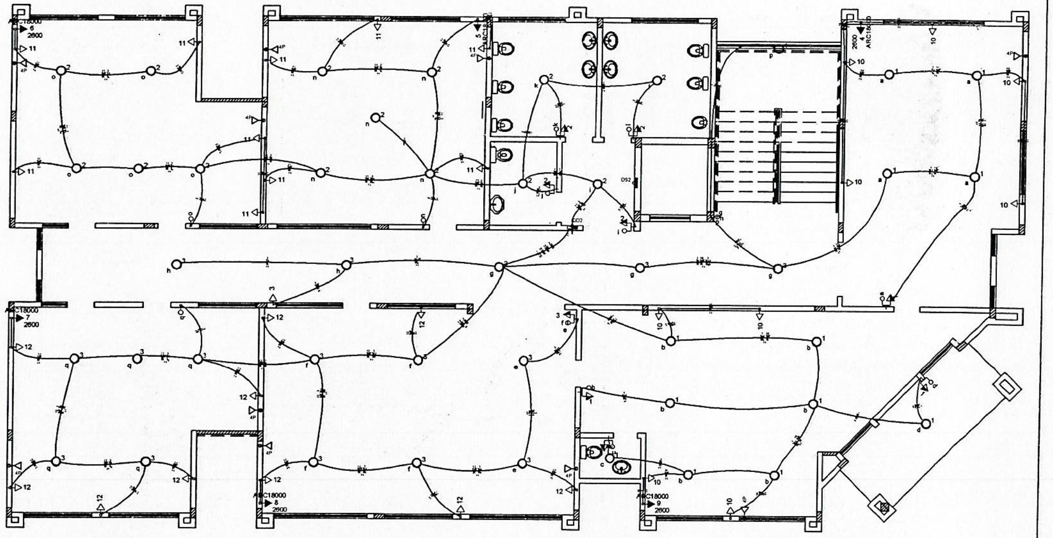
Legenda

⌐Ob ▷ 1	1 tecla simples & 1 tomada - 1,10m do piso
a Φa ▷ 1	2 teclas simples & 1 tomada - 1,10m do piso
▮	Caixa de distribuição p/ telefonia
▮	Caixa de medição embutir a 1,50m do piso
▭	Entrada de serviço aérea
•–Od	Interruptor simples 1 tecla - 1,10m do piso
2O l	Luminária p/ lâmp. incand. comum - embutir
▮	Quadro de distribuição - embutir a 1,50m do piso
–▷ 10	Tomada hexagonal (NBR 14136) - 2P+T 10 A a 0,30m do piso
•▷ 10	Tomada hexagonal (NBR 14136) - 2P+T 10 A a 1,20m do piso
ARC18000 •▶ 7 2600	Tomada hexagonal (NBR 14136) - 2P+T 20 A a 2,20m do piso
•◁ 4P	Tomada telefone 4P a 0,30m do piso

DIAGRAMA UNIFILAR


QM1
0.5 A
25 kA
25
0.5 A
25 kA
25 A
DR
DPS
175 V - 40 KA
QD1 (QUADRO DE DISTRIBUIÇÃO 01)
(51700 W)
13 A
25
20 A
2.5
(2400 W) S 1 (ILUMINAÇÃO 01)
20 A
2.5
(2100 W) R 2 (ILUMINAÇÃO 02)
16 A 5 kA
4
(2600 W) R+S 3 (CONDICIONADOR DE AR 01)
(2600 W) R+S 4 (CONDICIONADOR DE AR 02)
(2600 W) R+S 5 (CONDICIONADOR DE AR 03)
(2600 W) R+S 6 (CONDICIONADOR DE AR 04)
(2600 W) R+S 7 (CONDICIONADOR DE AR 05)
(2600 W) R+S 8 (CONDICIONADOR DE AR 06)
(2600 W) R+S 9 (ELEVADOR)
13 A
(1200 W) S 10 (TOMADAS 01)
13 A
(1200 W) R 11 (TOMADAS 02)
10 A
(1100 W) R 12 (TOMADAS 03)
QD2
(25500 W)
10 A
25
13 A
(1400 W) S 1 (ILUMINAÇÃO 01)
(1600 W) R 2 (ILUMINAÇÃO 02)
(1600 W) R 3 (ILUMINAÇÃO 03)
13 A 5 kA
(2600 W) R+S 4 (CONDICIONADOR DE AR 01)
(2600 W) R+S 5 (CONDICIONADOR DE AR 02)
(2600 W) R+S 6 (CONDICIONADOR DE AR 03)
(2600 W) R+S 7 (CONDICIONADOR DE AR 04)
(2600 W) R+S 8 (CONDICIONADOR DE AR 05)
(2600 W) R+S 9 (CONDICIONADOR DE AR 06)
10 A
(900 W) S 10 (TOMADAS 01)
(1000 W) R 11 (TOMADAS 02)
(1000 W) R 12 (TOMADAS 03)
QD3
(2400 W)
10 A
(1100 W) S 1
13 A
(1300 W) R 2

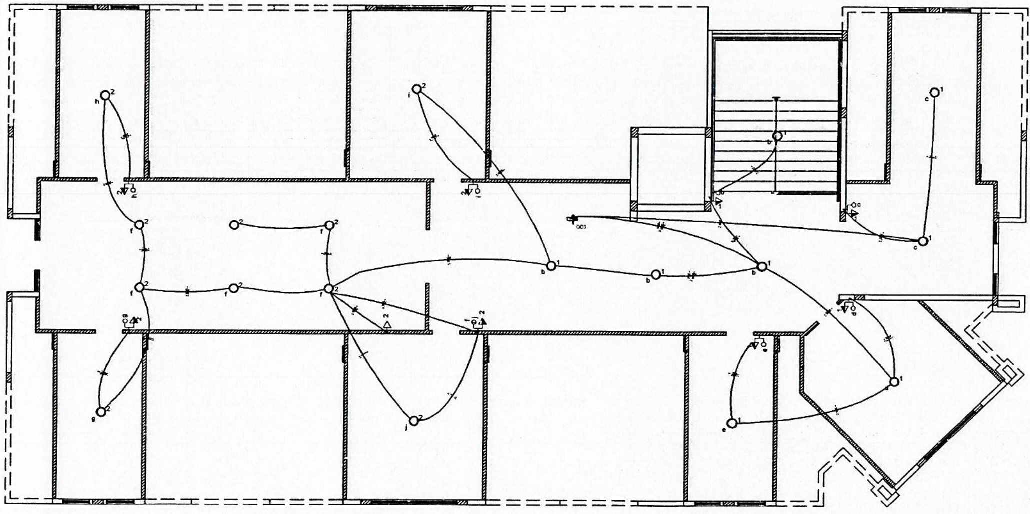
INSTALAÇÕES ELÉTRICAS - PAV. SUPERIOR



Quadro de Cargas (QD2)

Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)	Tomadas (W)		Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)
					100	100	2600														
QD3		2F+N	B1	220 / 127 V				2500	2400	R+S	1300	1100		1.00	1.00	7.0	2.5	28.0	10.0		0.38
1	ILUMINAÇÃO 01	F+N	B1	127 V	13	4		1444	1400	S		1400		1.00	0.65	17.5	2.5	24.0	13.0	1.75	2.12
	a				4			400	400	S		400			0.65	4.8	2.5	24.0			
	b				3			300	300	S		300			0.65	8.5	2.5	24.0			
	c				1			100	100	S		100			0.65	9.7	2.5	24.0			
	d				1			100	100	S		100			0.65	10.8	2.5	24.0			
	e				1			100	100	S		100			0.65	17.6	2.5	24.0			
2	ILUMINAÇÃO 02	F+N	B1	127 V	15	4		1644	1600	R	1600			1.00	0.80	16.2	2.5	24.0	13.0	2.04	2.42
	i				1			100	100	R	100				0.80	11.6	2.5	24.0			
	j				1			100	100	R	100				0.80	10.6	2.5	24.0			
	k				1			100	100	R	100				0.80	8.9	2.5	24.0			
	l				1			100	100	R	100				0.80	8.8	2.5	24.0			
	m				5			400	400	R	400				0.80	7.9	2.5	24.0			
	n				5			400	400	R	400				0.80	3.5	2.5	24.0			
3	ILUMINAÇÃO 03	F+N+T	B1	127 V	18	2		1822	1800	R	1800			1.00	0.65	19.7	2.5	24.0	13.0	2.80	2.99
	e				2			200	200	R	200				0.65	17.0	2.5	24.0			
	f				4			400	400	R	400				0.65	14.5	2.5	24.0			
	g				2			200	200	R	200				0.65	2.4	2.5	24.0			
	h				2			200	200	R	200				0.65	4.8	2.5	24.0			
	q				5			400	400	R	400				0.65	8.7	2.5	24.0			
4	CONDICIONADOR DE AR 01	2F+N	B1	220 / 127 V			1	2889	2600	R+S	1300	1300		1.00	1.00	0.0	4	21.0	13.0		0.38
5	CONDICIONADOR DE AR 02	2F+N	B1	220 / 127 V			1	2889	2600	R+S	1300	1300		1.00	1.00	0.0	4	21.0	13.0		0.38
6	CONDICIONADOR DE AR 03	2F+N	B1	220 / 127 V			1	2889	2600	R+S	1300	1300		1.00	1.00	0.0	4	21.0	13.0		0.38
7	CONDICIONADOR DE AR 04	2F+N	B1	220 / 127 V			1	2889	2600	R+S	1300	1300		1.00	1.00	0.0	4	21.0	13.0		0.38
8	CONDICIONADOR DE AR 05	2F+N	B1	220 / 127 V			1	2889	2600	R+S	1300	1300		1.00	1.00	0.0	4	21.0	13.0		0.38
9	CONDICIONADOR DE AR 06	2F+N	B1	220 / 127 V			1	2889	2600	R+S	1300	1300		1.00	1.00	0.0	4	21.0	13.0		0.38
10	TOMADAS 01	F+N+T	B1	127 V		9		1000	900	S		900		1.00	0.65	12.1	2.5	24.0	10.0	1.56	1.94
11	TOMADAS 02	F+N+T	B1	127 V		10		1111	1000	R	1000			1.00	0.80	10.9	2.5	24.0	10.0	1.63	2.01
12	TOMADAS 03	F+N+T	B1	127 V		10		1111	1000	R	1000			1.00	0.65	13.5	2.5	24.0	10.0	1.80	2.17
TOTAL					38	39	6	27767	25500	R+S	14300	11200	0								

INSTALAÇÕES ELÉTRICAS - SÓTÃO



Quadro de Cargas (QD3)

Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)	Tomadas (W)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)
					100	100														
1		F+N	B1	127 V	8	4	1144	1100	S		1100		1.00	0.80	8.2	2.5	24.0	10.0	1.00	1.37
	b				4		300	300	S		300			0.80	3.0	2.5	24.0			
	c				2		200	200	S		200			1.00	1.6	2.5	24.0			
	d				1		100	100	S		100			0.80	3.9	2.5	24.0			
	e				1		100	100	S		100			0.80	4.9	2.5	24.0			
2		F+N+T	B1	127 V	10	5	1350	1300	R	1300			1.00	0.80	13.3	2.5	24.0	13.0	3.52	3.90
	f				6		400	400	R	400				0.80	5.9	2.5	24.0			
	g				1		100	100	R	100				0.80	2.0	2.5	24.0			
	h				1		100	100	R	100				0.80	1.0	2.5	24.0			
	i				1		100	100	R	100				0.80	6.9	2.5	24.0			
	j				1		100	100	R	100				0.80	7.9	2.5	24.0			
TOTAL					15	9	2500	2400	R+S	1300	1100	0								

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
INSTALAÇÕES 01 - ELÉTRICAS

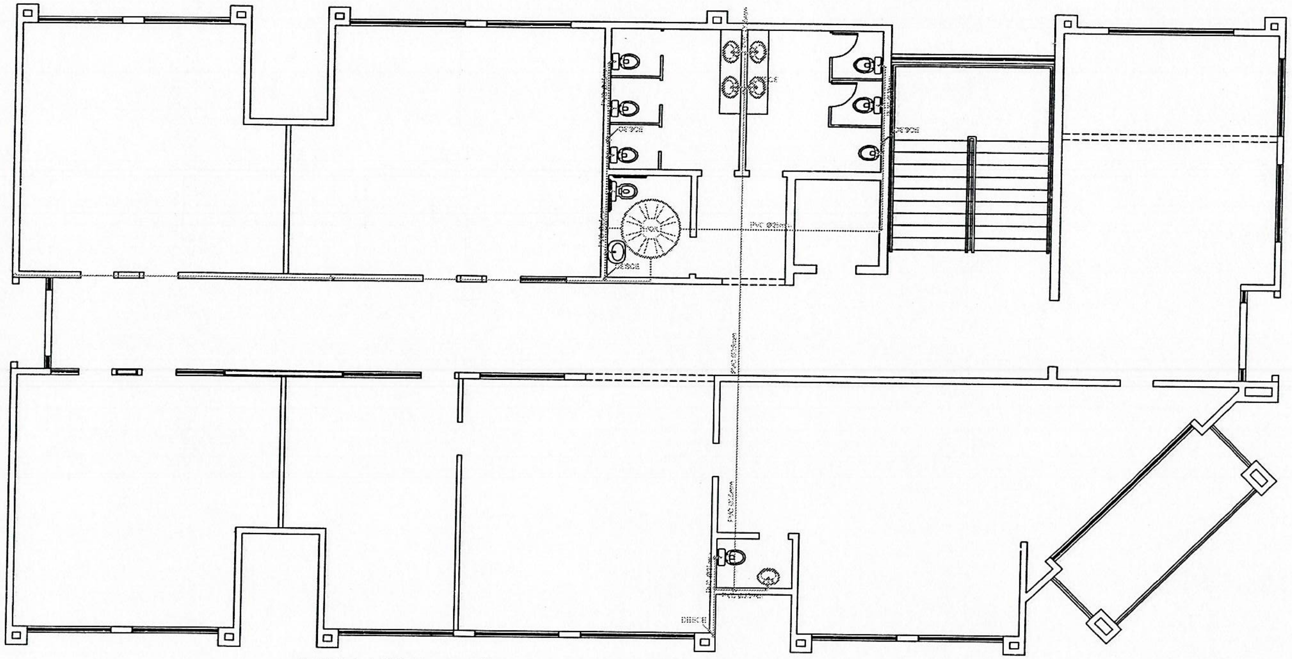
I - 01

Responsável Técnico:
Fausto Scher
CREA RS 210377

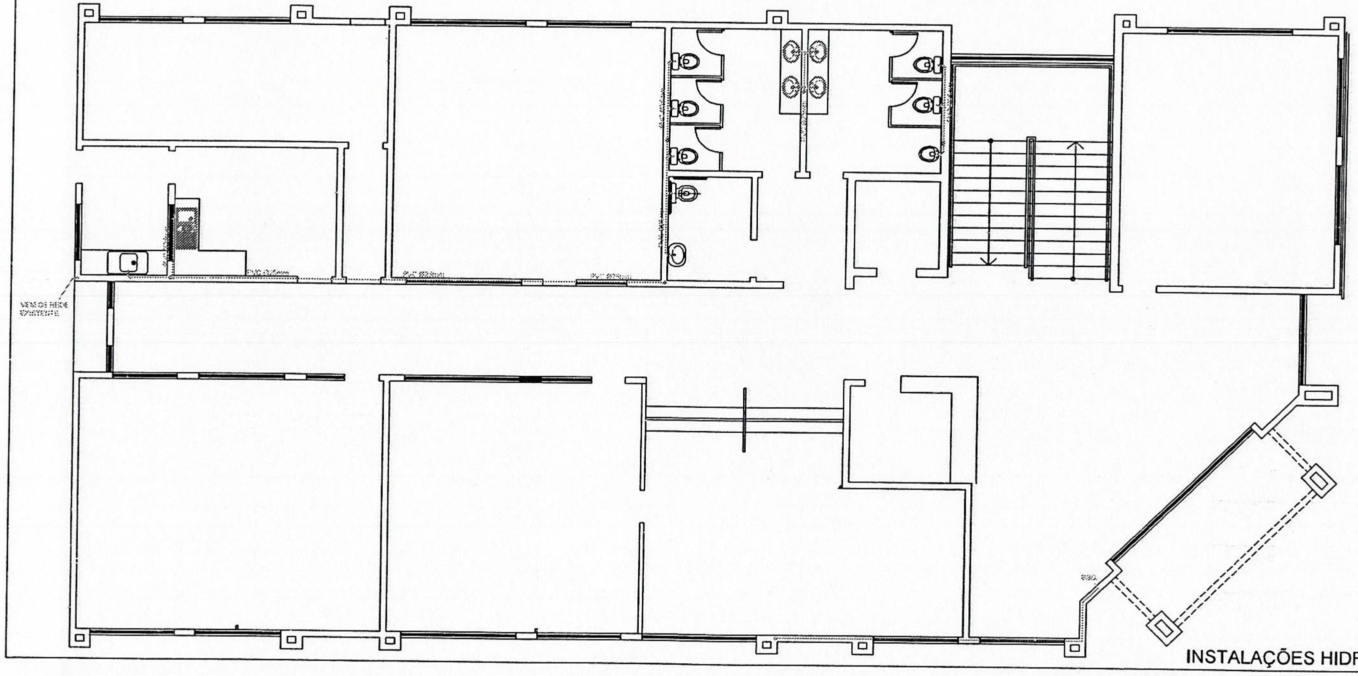
Prefeito:
Jerônimo Jaskulski

Data:
Setembro/2022

Escala: 1:75



INSTALAÇÕES HIDRÁULICAS - PAV. SUPERIOR



INSTALAÇÕES HIDRÁULICAS - TÉRREO

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES
RUA BOA VISTA, 265

OBRA:
CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO

CONTEÚDO DA PRANCHA:
INSTALAÇÕES 02 - HIDRÁULICAS

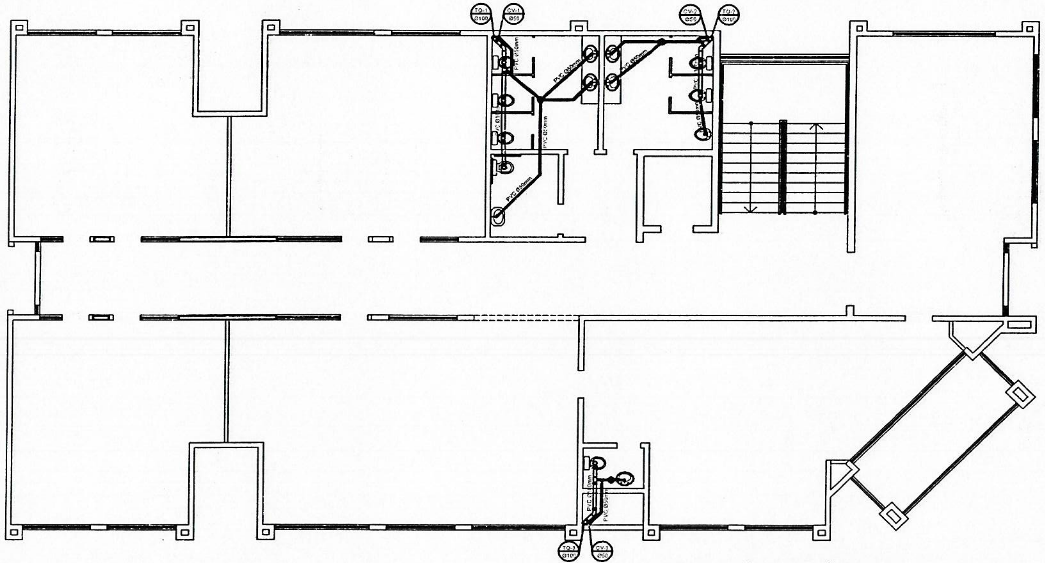
I - 02

Responsável Técnico:
Fausto Scher
CREA RS 210377

Prefeito:
Jerônimo Jaskulski

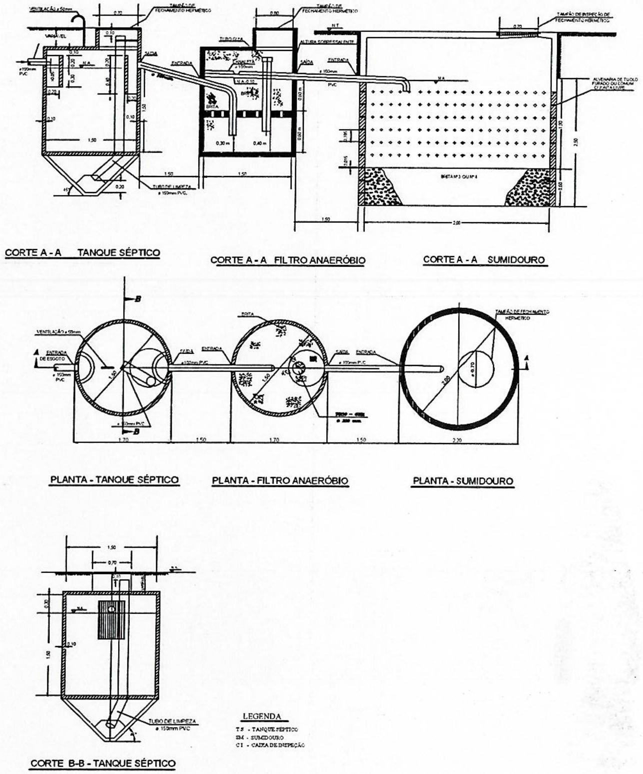
Data:
Setembro/2022

Escala: 1:60



INSTALAÇÕES SANITÁRIAS - PAV. SUPERIOR

ESQUEMA DE FOSSA SÉPTICA, FILTRO ANAERÓBIO E SUMIDOURO CONFORME NBR 7229/93 E NBR 13969/97



CORTE A - A TANQUE SÉPTICO

CORTE A - A FILTRO ANAERÓBIO

CORTE A - A SUMIDOURO

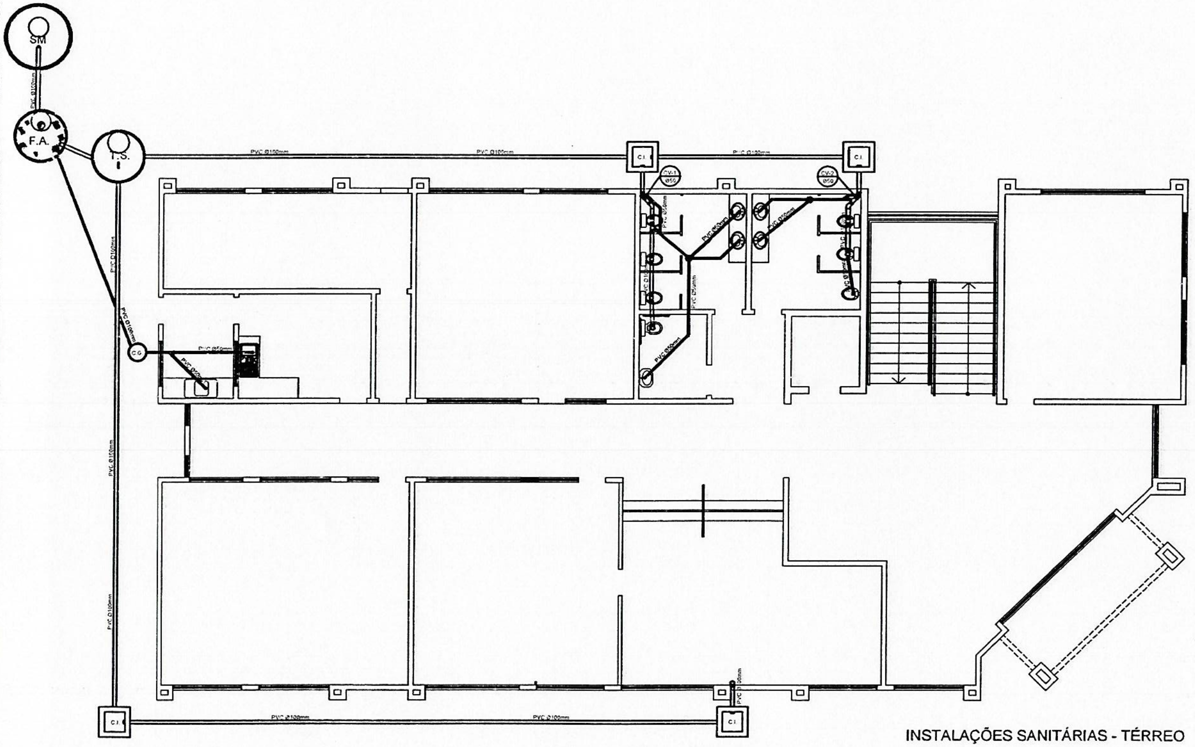
PLANTA - TANQUE SÉPTICO

PLANTA - FILTRO ANAERÓBIO

PLANTA - SUMIDOURO

CORTE B-B - TANQUE SÉPTICO

LEGENDA
T.S - TANQUE SÉPTICO
SM - SUMIDOURO
C I - CAIXA DE INSPEÇÃO



INSTALAÇÕES SANITÁRIAS - TÉRREO

PREFEITURA MUNICIPAL DE GUARANI DAS MISSÕES RUA BOA VISTA, 265	
OBRA: CONSTRUÇÃO DE NOVO CENTRO ADMINISTRATIVO	
CONTEÚDO DA PRANCHA: INSTALAÇÕES 03 - SANITÁRIAS	I - 03
Responsável Técnico: Fausto Scher CREA RS 210377	Prefeito: Jerônimo Jaskulski
Data: Setembro/2022	Escala: 1:75