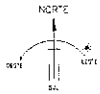
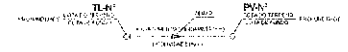


PROJETO

PMS
SEINF
128
COOR. JUR.
J



LEGENDA



- TL - Tubo de 150mm
- PV - Piso de Vaso DN100
- PV - Piso de Vaso DN1500
- PV - Piso de Vaso com Tubo de Queda

Rede Coletora

- Tubo DN150 - Sub-Bacia 1 = 1.487,00m
- Tubo DN150 - Sub-Bacia 2 = 244,00m
- Tubo DN150 - Sub-Bacia 3 = 1.232,00m

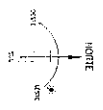
Emissões

- Emissão 1 DN150 = 372,00m
- Emissão 2 DN150 = 127,00m
- Emissão 3 (DN100 - DN150 + 2.750,00m - DN150) = 3.032,00m

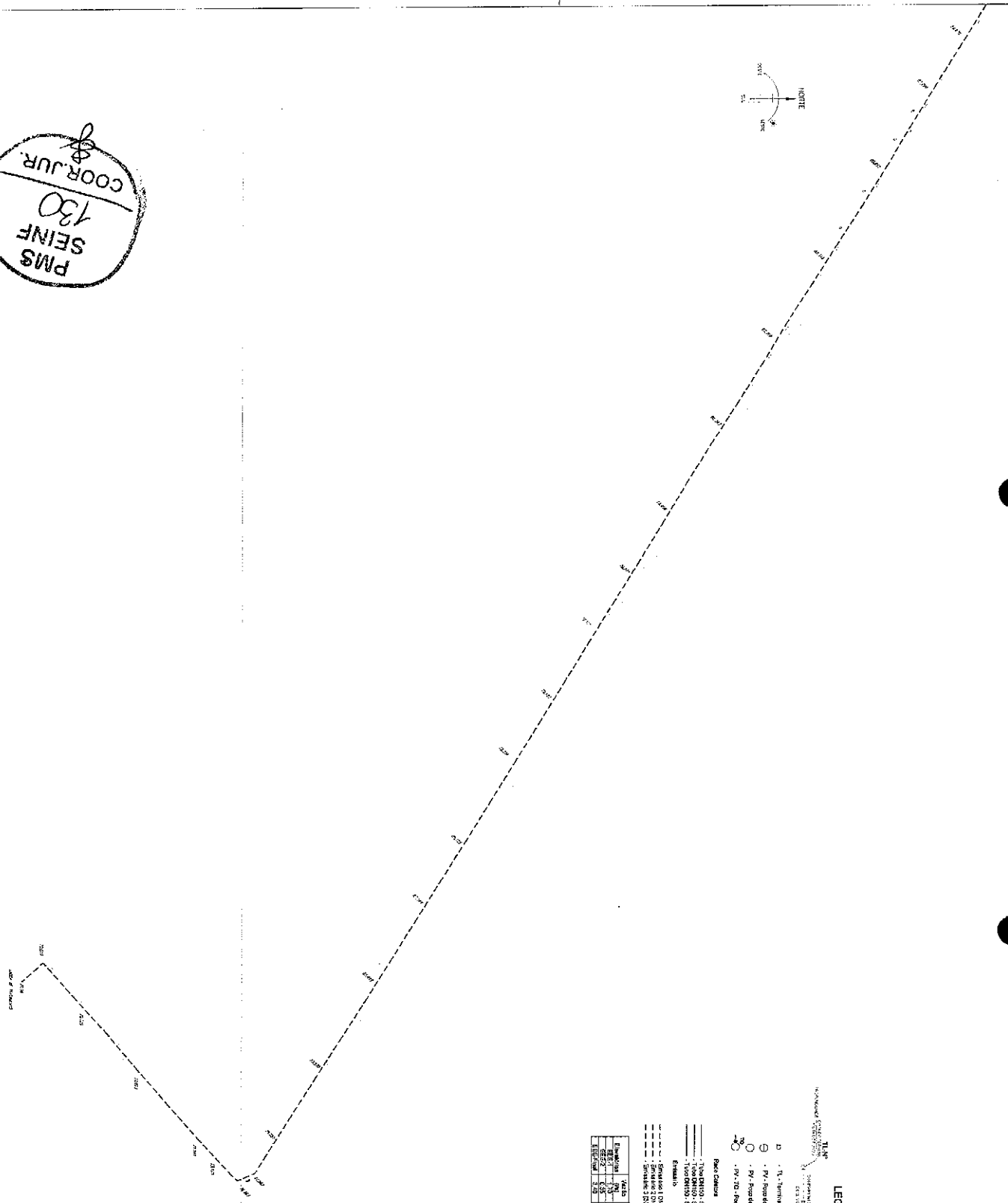
Elevação	Variaç. (m)	Am. (m)
ESB-1	1,78	15,50
ESB-2	0,55	2,87
ESB-3	3,40	12,10



ARLINDO C. DE MOURA BEZERRA



PMS
SEINF
130
COORD. JUR.



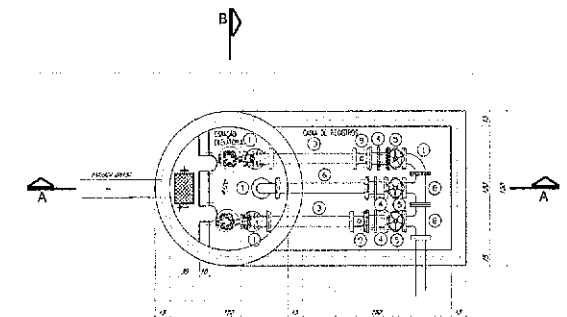
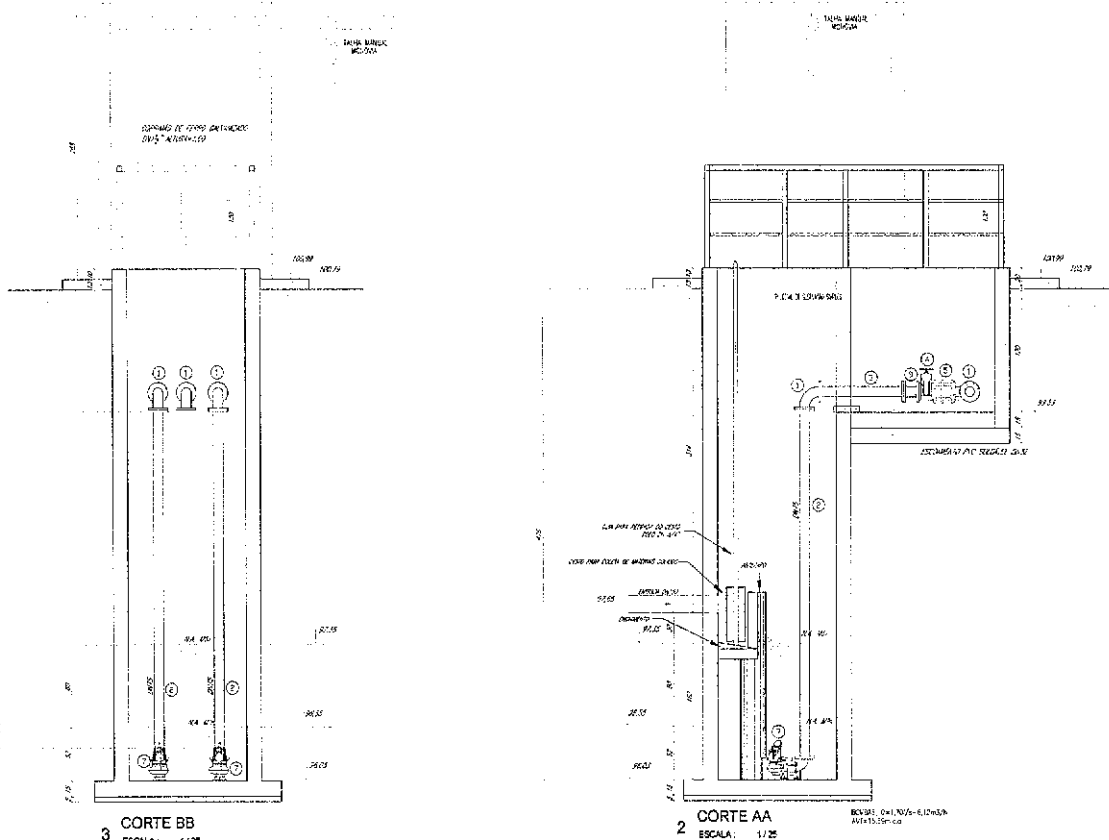
LEGENDA

- TL - Trilho de Trilhos
- PT - Ponto de Vista do Orlado
- PT - Ponto de Vista do Orlado
- PT - Ponto de Vista do Orlado
- PT - Ponto de Vista do Orlado

- Sinalização de Orlado - 275,00m
- Sinalização de Orlado - 275,00m
- Sinalização de Orlado - 275,00m
- Sinalização de Orlado - 275,00m

Elemento	Altura	Distância
1	1,50	0,00
2	1,50	0,00
3	1,50	0,00
4	1,50	0,00

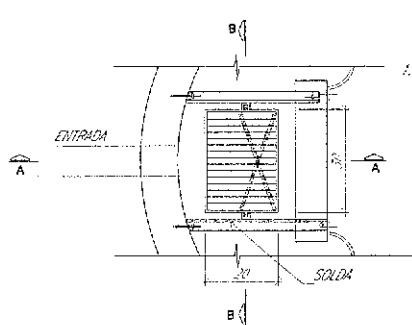
PREFEITURA MUNICIPAL DE SOBRA
 CENTRO DE DESENVOLVIMENTO SANEAMENTO - ALTO GRANDE
 REDE COLETORES
 14/08/2011
 02/2011



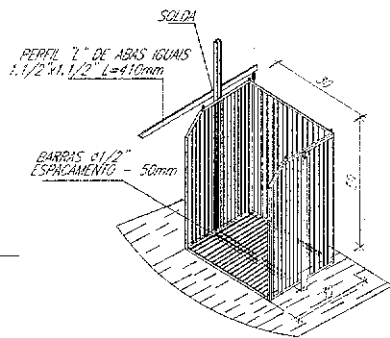
PMS
 SEINF
 19/1
 COOR. JUR.

ITEM	MAT.	QTD	CH	di	DESCRIÇÃO	COMPRIM. (m)	QUANT.
1	FoPa	10	50	-	Curva 90° com flange	-	4
2	FoPa	10	50	-	Takeo Boregosto	1420	2
3	FoPa	10	20	-	Takeo Boregosto	850	2
4	FoPa	10	50	-	Junta Desmontagem	-	3
5	FoPa	10	50	-	V. eppelo c/ flange e sistema de borçuca e curto c/ valvula	-	2
6	FoPa	10	50	-	Takeo Boregosto	900	1
7	-	-	-	-	Exaustor Submersivel Q=1,70l/s=6,12m ³ /h=115,58m ³ /dia	-	2
8	FoPa	10	20	50	Takeo Boregosto	-	2
9	FoPa	10	50	-	Valvula Reservatório Duplo Pastiloso	-	2

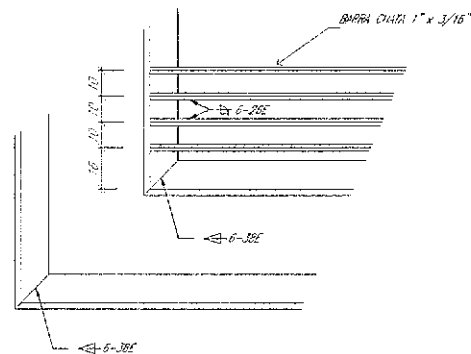
PROPRIETÁRIO:		CONSTRUTORA:	
PROJETO:		CALEFATOR:	
ARQUITETO CONSULTOR DE ENGENHARIA			
REVISÃO	DATA	HISTÓRICO	RESPONSÁVEL
REVISÃO / OBRIGATORIEDADE			
PREFEITURA MUNICIPAL DE SOBRAL SISTEMA DE ESGOTAMENTO SANITÁRIO BAIRRO: ALTO GRANDE Estação Elevatória de Esgoto - EEE-1			
PROJETO	REVISÃO	DATA	RESPONSÁVEL
		1:25	DEZEMBRO/2021
			01/01



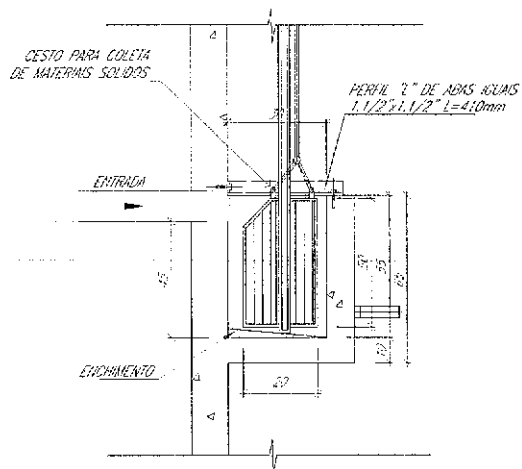
GRADE TIPO CESTO - PLANTA
SEM ESCALA



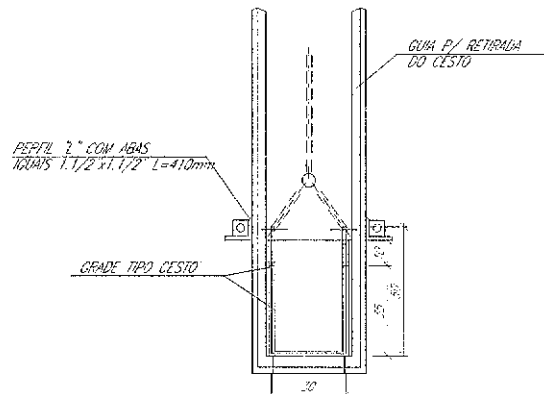
CESTO - PERSPECTIVA
SEM ESCALA



DETALHE \"A\"
SEM ESCALA



CORTE A-A
SEM ESCALA



CORTE B-B
SEM ESCALA

ESTR. SEINF. 1302
COORD. JUR. S

PROPRIETARIO	CONSTRUTORA
PROJETO	CALCULO

[Signature]
ARLINDO CLAYTON REYNOLDS


DI	DATA	HISTORICO	RESPONSAVEL

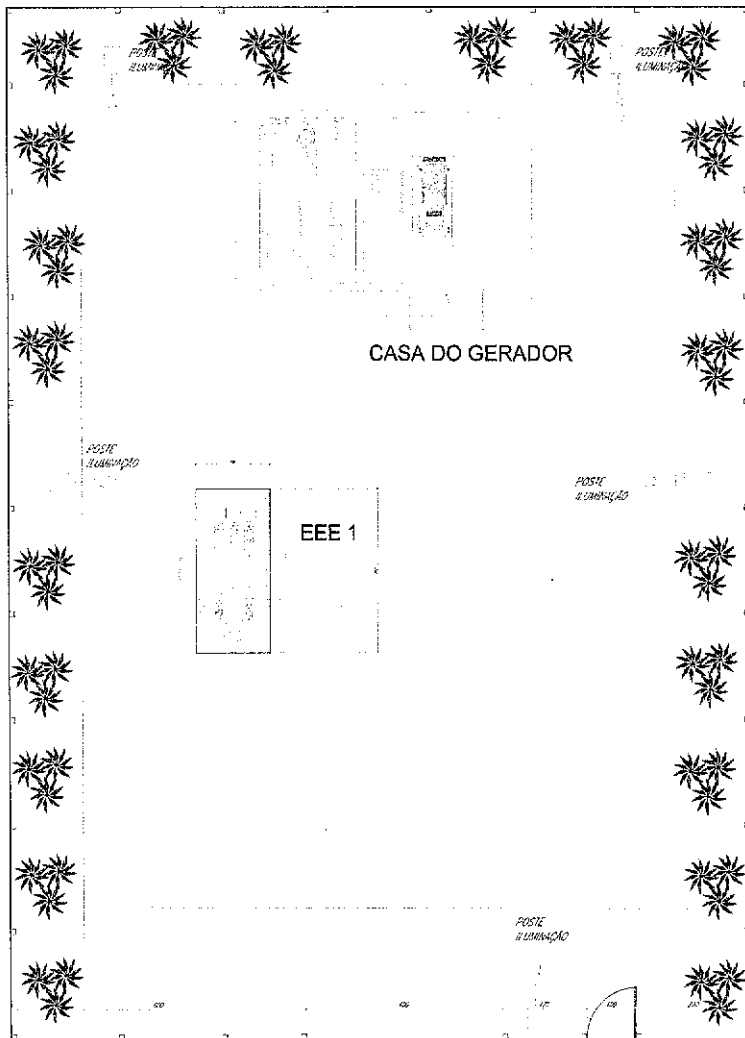
REVISIONES E DESCRIMINAO

PREFEITURA MUNICIPAL DE SOBRAL
SISTEMA DE ESGOTAMENTO SANITARIO
BAIRRO ALTO GRANDE

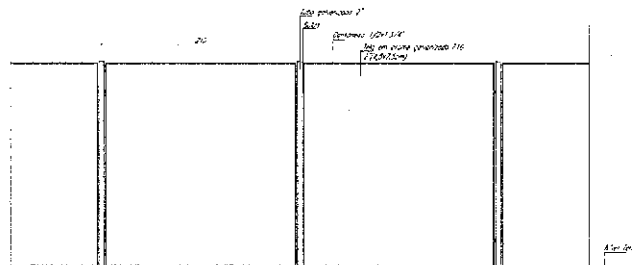
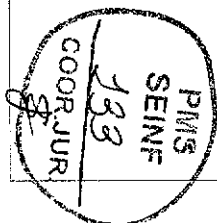
Cesto - EEE-1

SEM ESCALA DEZEMBRO/2021 01/01





1 PLANTA URBANIZAÇÃO
ESCALA: 1:150



2 DETALHE GRADE
ESCALA: 1:25

PROPRIETÁRIO	CONSTRUTORA
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PROJETO	CALCULO
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DE	PARA	REVISÃO	RESPONSÁVEL
01			
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REVISÕES / DESCRIÇÃO

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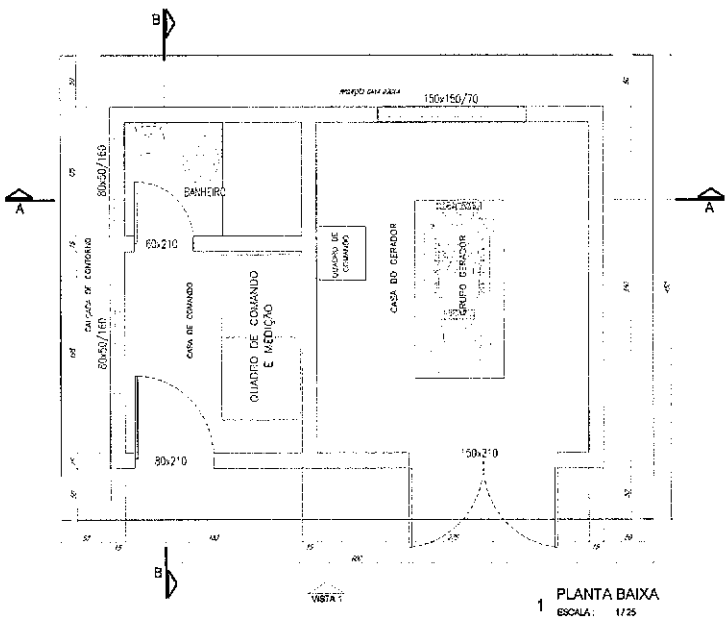
PREFEITURA MUNICIPAL DE SOBRAL
SISTEMA DE ESGOTAMENTO SANITÁRIO
BAIRRO: ALTO GRANDE

Planta Urbanização - Detalhe Grade (EEE-1)

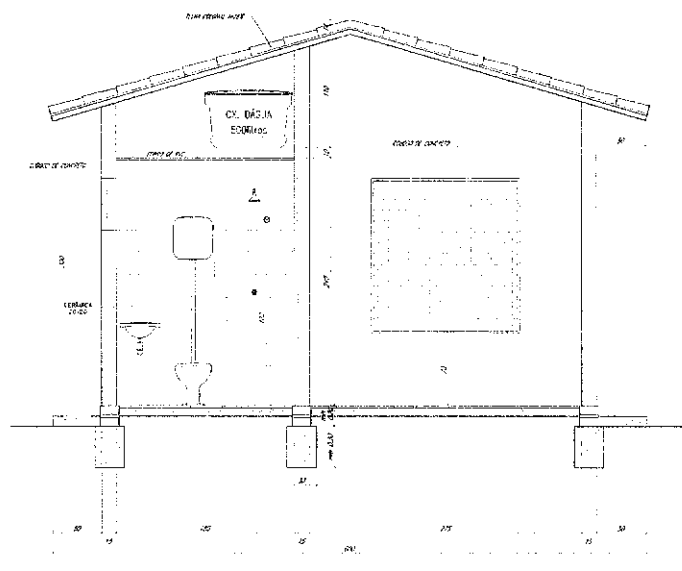
DEZEMBRO/2021

01/01

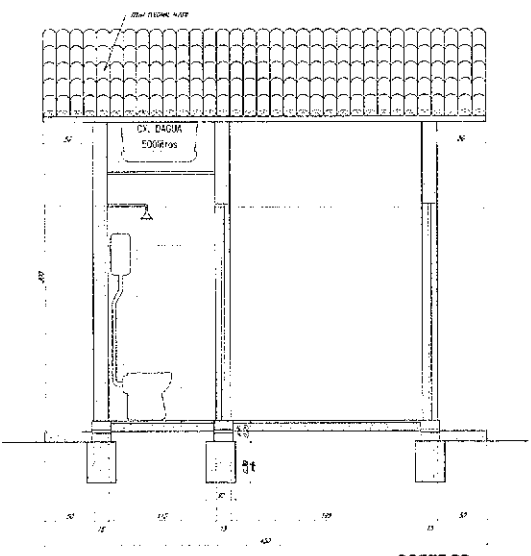




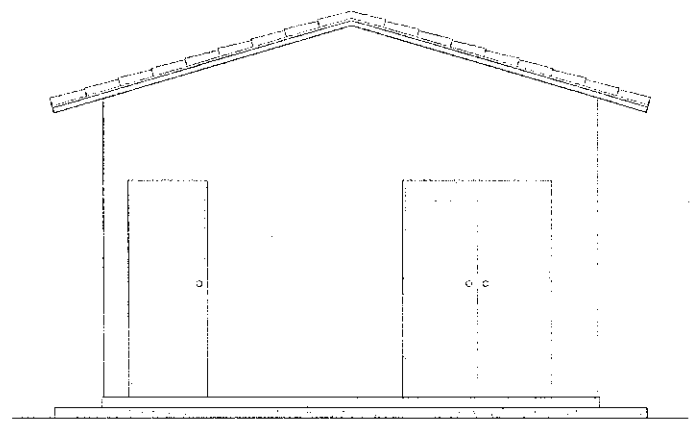
1 PLANTA BAIXA
ESCALA: 1/25



2 CORTE AA
ESCALA: 1/25



3 CORTE BB
ESCALA: 1/25



1 VISTA
ESCALA: 1/25

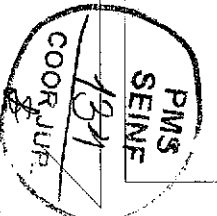
PROPRIETARIO	CONSTRUCOAO

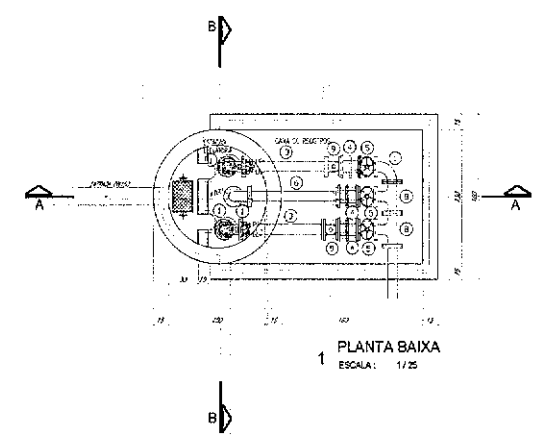
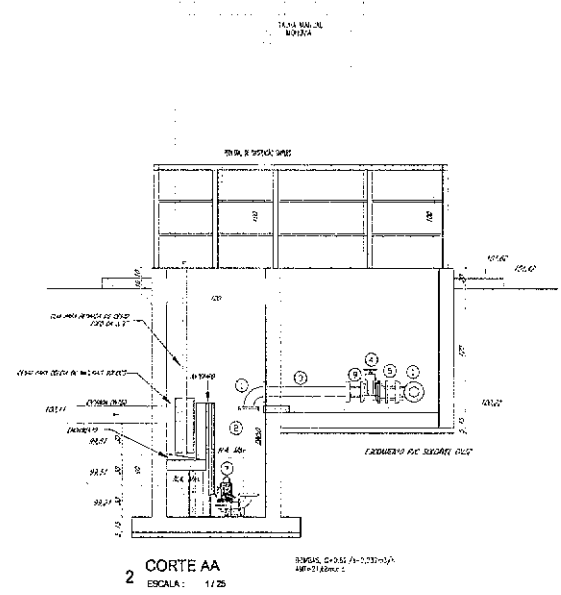
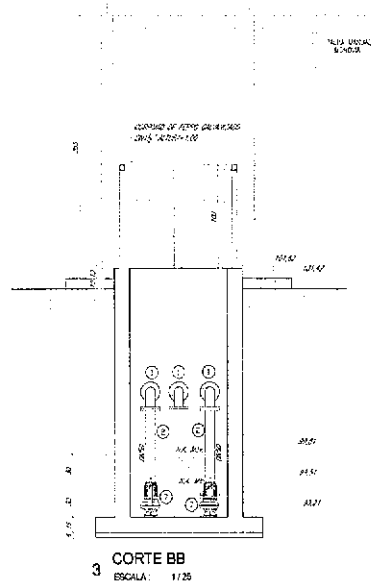
PROJETO	CALEFICAO
 AMELARDO GERADOR DE SOUSA BEZERRA	

OP	DATA	HISTORICO	FERRAÇAO

HISTORICO DE CONSERVACAO			


PREFEITURA MUNICIPAL DE SOBRAL SISTEMA DE ESGOTAMENTO SANITARIO BAIRRO: ALTO GRANDE			
Abrigo Quadra de Comando/Gerador - Banheiro (EEE-1)			
PROJETO	DATA	ESCALA	FECHA
		1/25	DEZEMBRO/2021
			01/01

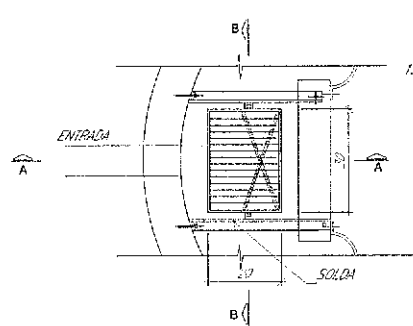




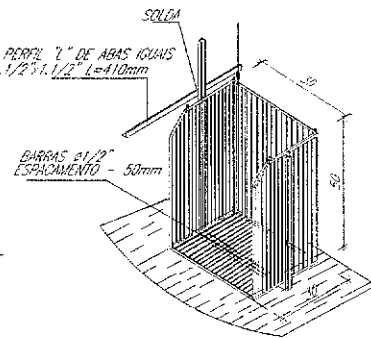
ITEM	QTD	UNID	CM	CR	DESCRIÇÃO	COMPRIM. (CM)	LUPM
1	FeTo	10	50	-	Curva 53° com flange	-	4
2	FeTo	10	50	-	Tubo flangeado	850	2
3	FeTo	10	50	-	Tubo flangeado	820	1
4	FeTo	10	50	-	Junta Orçometálica	-	2
5	FeTo	10	50	-	2. gaxeta 42° flange e curva de 53° com 1/2 voluta	-	1
6	FeTo	10	50	-	Tubo flangeado	900	1
7	-	-	-	-	Bomba Superficial Q=0,6l/s=2,23m³/dia - MW=2,6kw.c.a	-	2
8	FeTo	10	50	-	18 com flange	-	2
9	FeTo	10	50	-	Volva Retenção Duplo Espirante	-	2

PM3
SEINF
135
COOR. JUR.

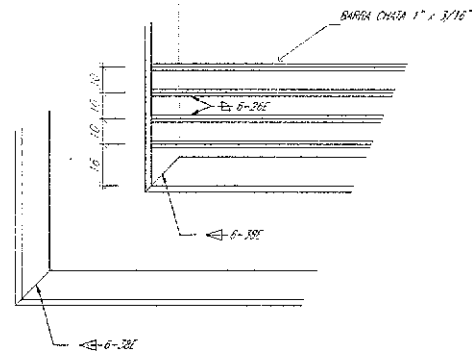
PROPRIETÁRIO:	CONSTRUÇÃO:		
PROJETO:	CÁLCULO:		
 ASSINADO EM NOME DE ROMA BEZERRA			
08	-	-	-
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07	-	-	-
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01	DATA	HISTÓRICO	RESPONSÁVEL
REVISÕES E DISCIPLINAÇÃO			
PREFEITURA MUNICIPAL DE SOBRAL SISTEMA DE ESGOTAMENTO SANITÁRIO BAIRROS: ALTO GRANDE Estação Elevatória de Esgoto - EEE-2			
PROJETA	ELABORA	REVISÃO	1:25
DATA	12/2021	DEZEMBRO/2021	01/01



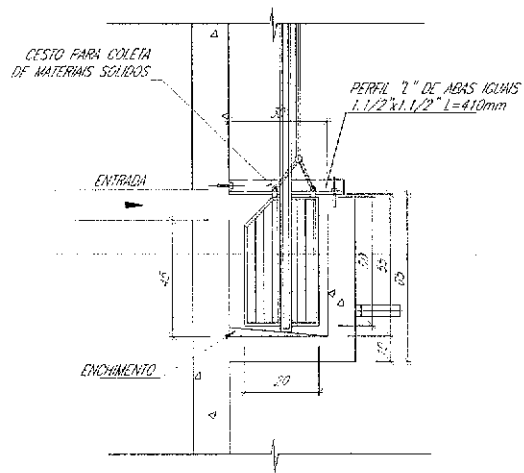
GRADE TIPO CESTO - PLANTA
SEM ESCALA



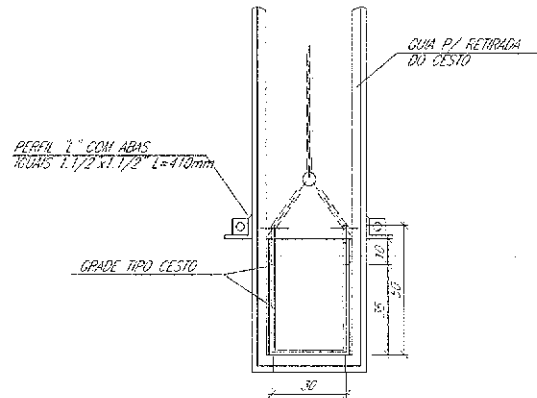
CESTO - PERSPECTIVA
SEM ESCALA



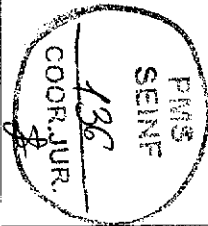
DETALHE \"A\"
SEM ESCALA




CORTE A-A
SEM ESCALA



CORTE B-B
SEM ESCALA



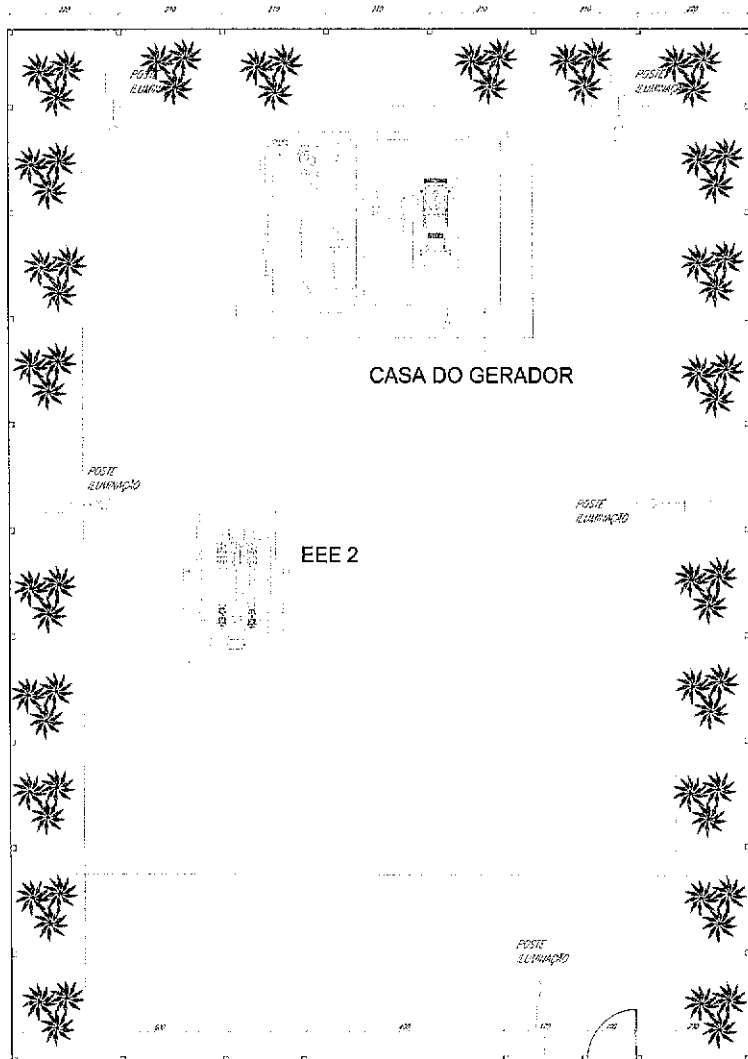
PROPRIETARIO:	CONSTRUCO:
PROJETO:	CALCULO:
 ACILIANO DE SOUZA DE MOURA MESTRE	
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REVISOR/DISCRIMINAO

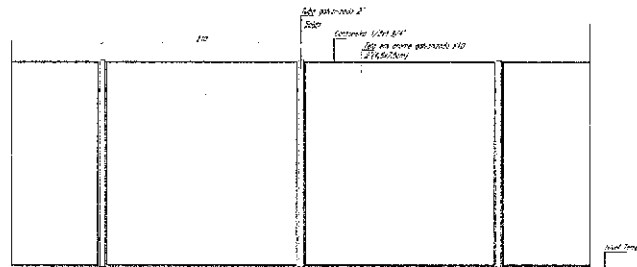
PREFEITURA MUNICIPAL DE SOBRAL
 SISTEMA DE ESGOTAMENTO SANITARIO
 BAIRROS: ALTO GRANDE

Cesto - EEE-2

SEM ESCALA DEZEMBRO/2021 01/01



1 PLANTA URBANIZAÇÃO
ESCALA: 1/50



2 DETALHE GRADE
ESCALA: 1/25

PROPRIETÁRIO:	CONSTRUTOR:

PROJETO:	CALCULO:
 BELLARDO DE OLIVEIRA DE SOUZA GUEZERA	

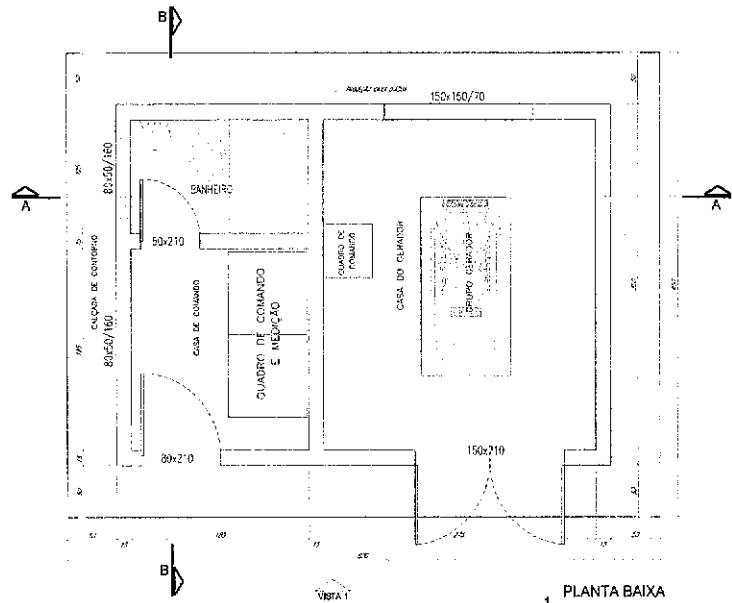
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TP	DATA	HISTORICO	RESPONSÁVEL

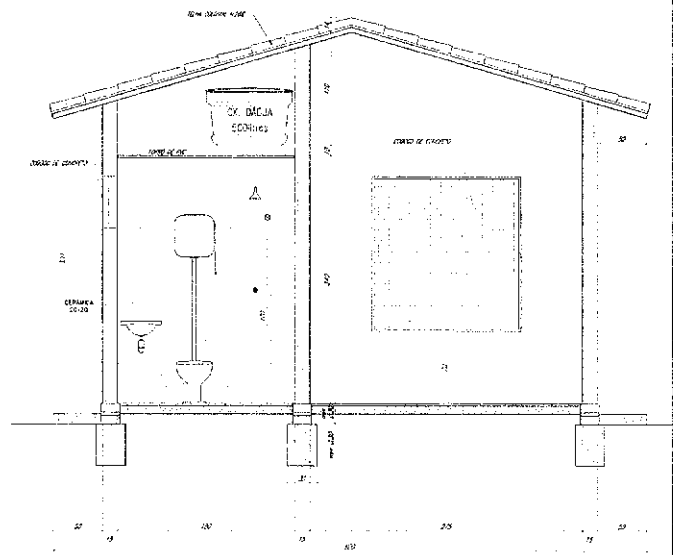
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PREFEITURA MUNICIPAL DE SOBRAL
 SISTEMA DE ESGOTAMENTO SANITÁRIO
 BARRIOS: ALTO GRANDE
 Planta Urbanização - Detalhe Grade (EEE-2)

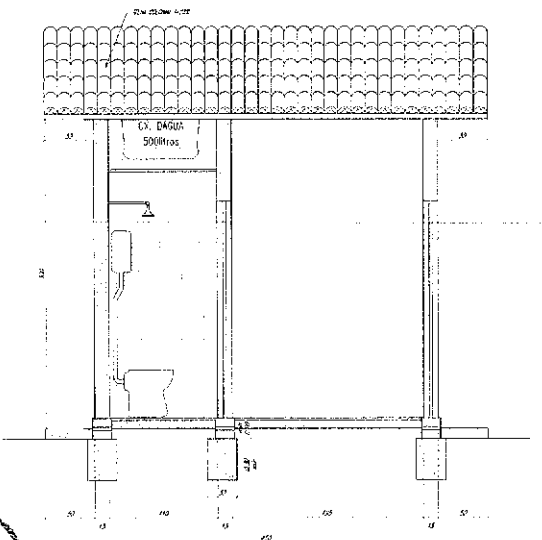
COORD. JUR.
 197
 PMS
 SEINF



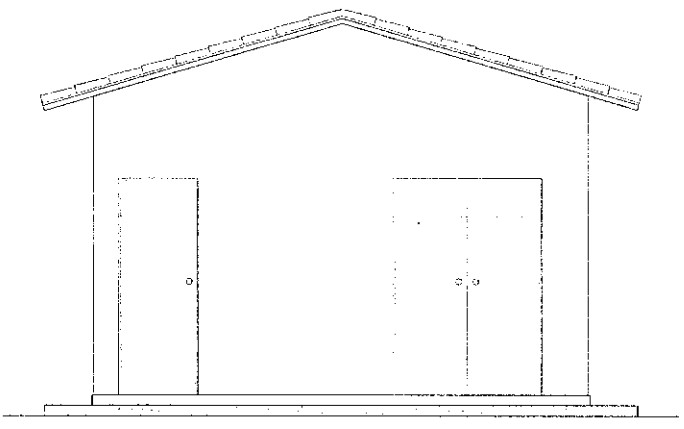
1 PLANTA BAIXA
ESCALA: 1/25



2 CORTE AA
ESCALA: 1/25



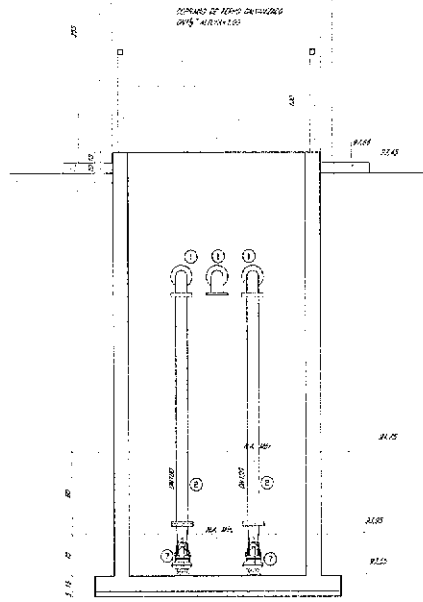
3 CORTE BB
ESCALA: 1/25



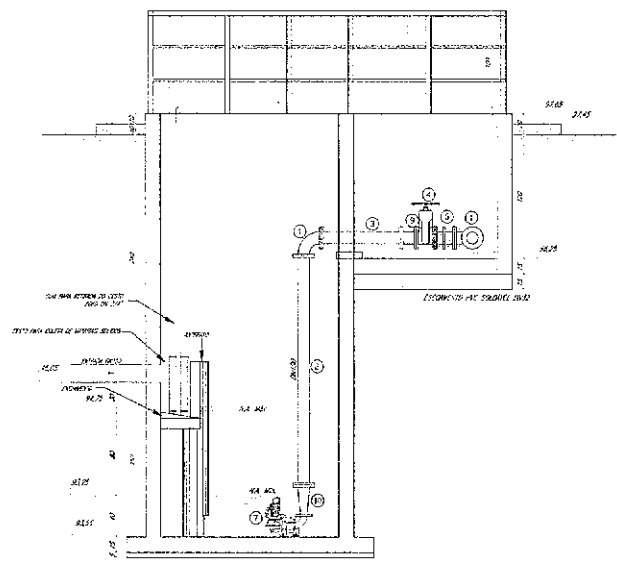
1 VISTA
ESCALA: 1/25

PM'S
SEINF
198
COORD. JUR.

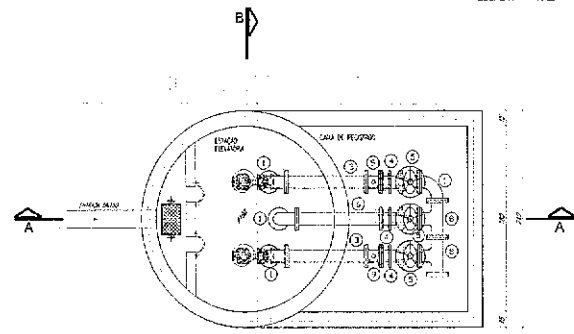
PROPRIETÁRIO:		CONSTRUCÃO:	
PRO. ETC:		CALCULO:	
 ADELMO DE SOUSA DE MOURA PEREIRA			
06			
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Nº	DATA	HISTÓRICO	REPROVEAVEL
REVISÕES / DESCRIMINACAO			
PREFEITURA MUNICIPAL DE SOBRAL SISTEMA DE ESGOTAMENTO SANITÁRIO BAIRROS: ALTO GRANDE			
Abrigo Quadra de Comando/Gerador - Banheiro (EEE-2)			
PROJETA	ELABORA	DATA	01/01
		1/25	DEZEMBRO/2021



3 CORTE BB
ESCALA: 1/25



2 CORTE AA
ESCALA: 1/25

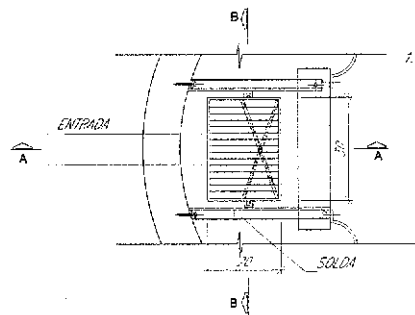


1 PLANTA BAIXA
ESCALA: 1/25

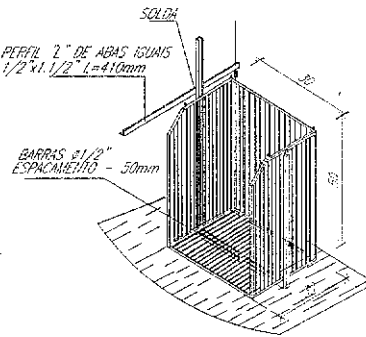
ITEM	MAT.	PN	DR	DN	DESCRIÇÃO	COMPRIZ. (m)	QUANT.
1	Fofe	10	100	-	- Duve 90° com lavagem	-	4
2	Fofe	10	100	-	- Tubo 1° projeto	2200	2
3	Fofe	10	100	-	- Tubo 1° projeto	650	2
4	Fofe	10	100	-	- Junta de vedação	-	3
5	Fofe	10	100	-	- V. zanca c/ flange e cunha de batente c. eixo c/ suporte	-	2
6	Fofe	10	100	-	- Tubo 1° projeto	650	1
7	-	-	-	-	- Borne Submersível Q=1,70/s=0,12m³/m-AM=5,50m.c.p	-	2
8	Fofe	10	100	100	- TB com Juntas	-	2
9	Fofe	10	100	-	- Escudo Retentivo Onda Realizante	-	2
10	Fofe	10	100	50	- Decupagem com Tampa	-	2

PM'S
SEINF
139
COOR. JUR.

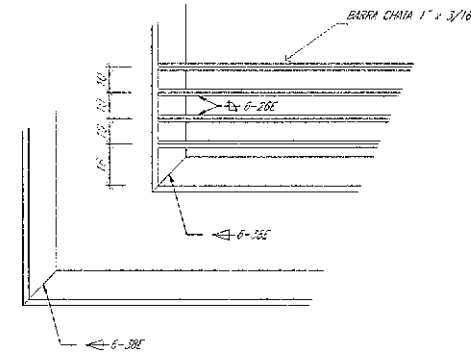
PROJ. ETIÃO	COORDENADOR		
PROJETO:	CÁLCULO:		
 WELLINGTON CESARINO DE PAULA E CASTRO			
08			
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Nº	DATA	HISTÓRICO	RESPONSÁVEL
REVISÕES / DESCRIÇÃO			
PREFEITURA MUNICIPAL DE SOBRAL SISTEMA DE ESGOTAMENTO SANITÁRIO BAIRRO: ALTO GRANDE Estação Elevatória de Esgoto - EEE-3			
PROJETA	REVISOR	DATA	1/25
			DEZEMBRO/2021
			01/01



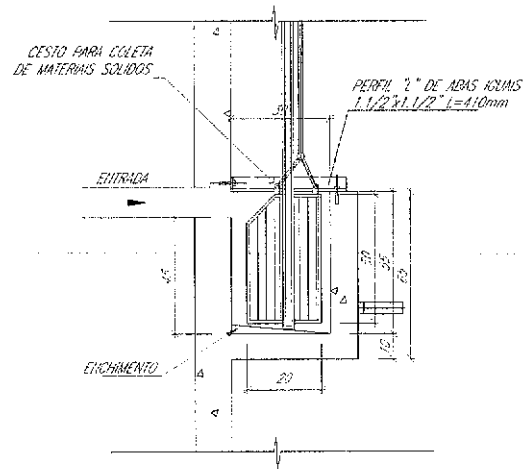
GRADE TIPO CESTO - PLANTA
SEM ESCALA



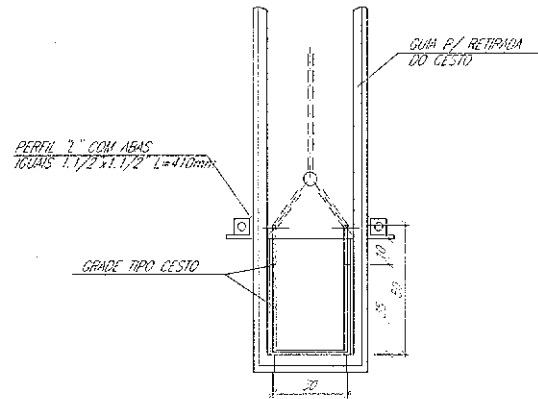
CESTO - PERSPECTIVA
SEM ESCALA



DETALHE "A"
SEM ESCALA



CORTE A-A
SEM ESCALA



CORTE B-B
SEM ESCALA

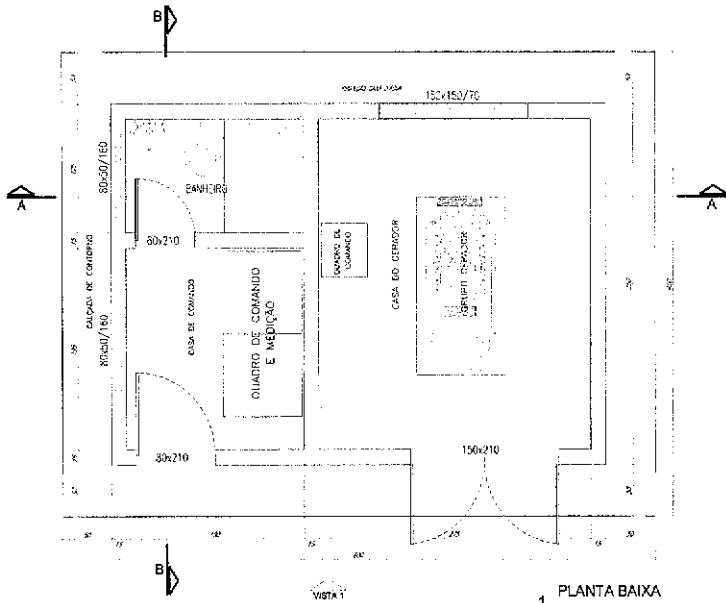
PROPRIETARIO	CONSTRUCO
PROJETO	CALCULO

06			
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TP	DATA	REVISOR	RESPONSAVEL

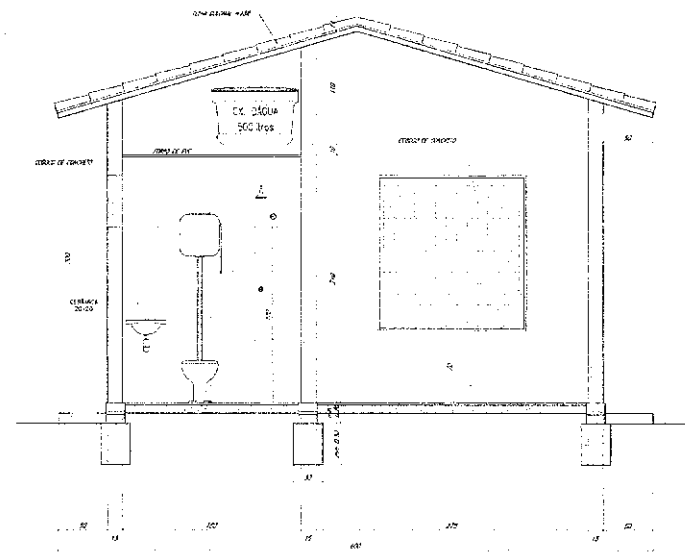
REVISOR E/O SCRIBANCO			
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PREFEITURA MUNICIPAL DE SOBRAL SISTEMA DE ESGOTAMENTO SANITARIO BAIRRO: ALTO GRANDE Cesto - EEE-3		
SEM ESCALA	DEZEMBRO/2021	01/01

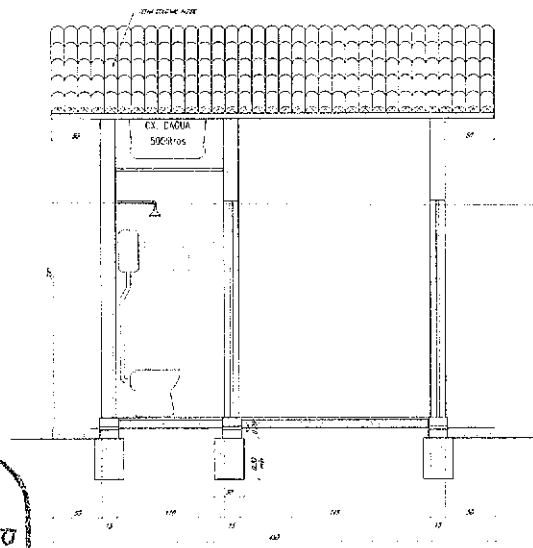
COORDENADOR JUR
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 PMS
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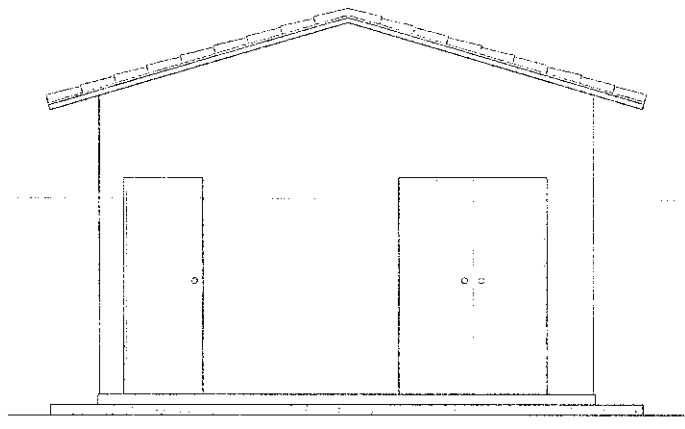
1 PLANTA BAIXA
ESCALA: 1/25



2 CORTE AA
ESCALA: 1/25

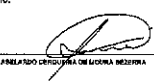


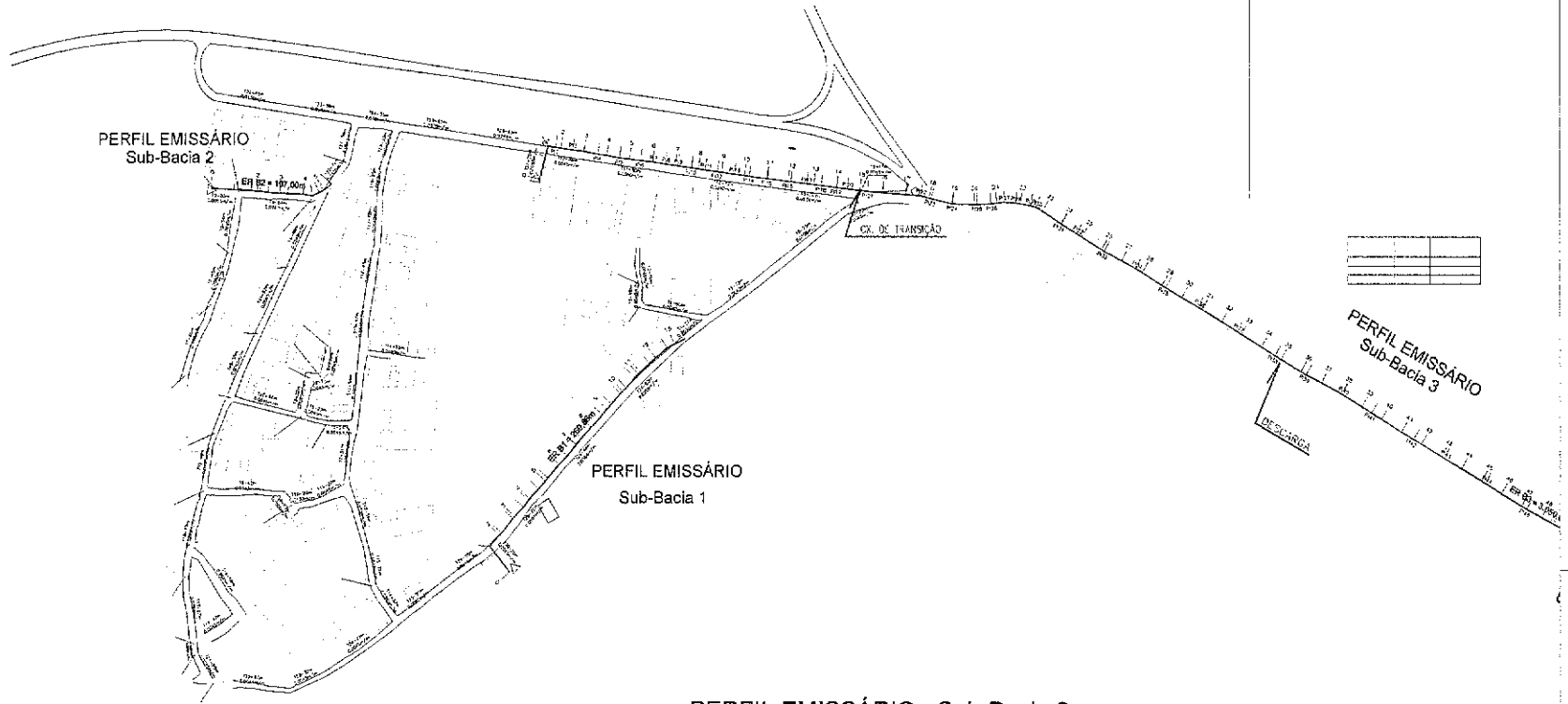
3 CORTE BB
ESCALA: 1/25



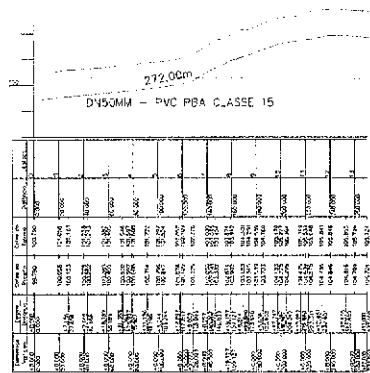
1 VISTA
ESCALA: 1/25

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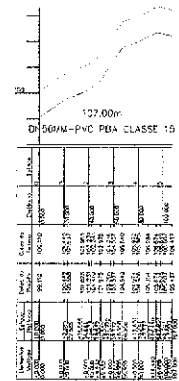
PROPRIETÁRIO:		CONSTRUÇÃO:	
PROJETO:		CALCULO:	
 PREFEITO MUNICIPAL DE SOBRAL			
01	-	-	-
02	-	-	-
03	-	-	-
04	-	-	-
05	-	-	-
06	-	-	-
07	-	-	-
08	-	-	-
09	-	-	-
10	DATA	HISTÓRICO	RESPONSÁVEL
REVISÕES / DISCIPLINAÇÃO			
PREFEITURA MUNICIPAL DE SOBRAL SISTEMA DE ESGOTAMENTO SANITÁRIO BAIRRO: ALTO GRANDE Abrigo Quadra de Comando/Gerador - Banheiro (EEE-3)			
DATA:	ESCALA:	1/25	DEZEMBRO/2021
PROJETO:	ARQUITETO:	01/01	



PERFIL EMISSÁRIO - Sub-Bacia 1

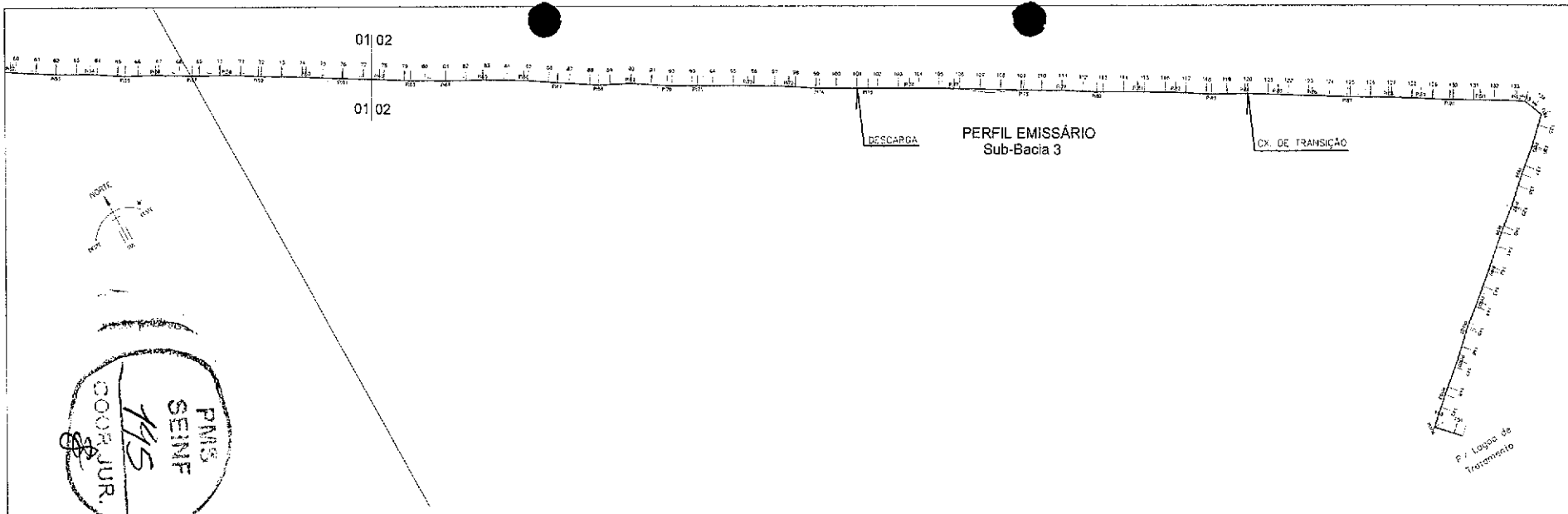


PERFIL EMISSÁRIO - Sub-Bacia 2

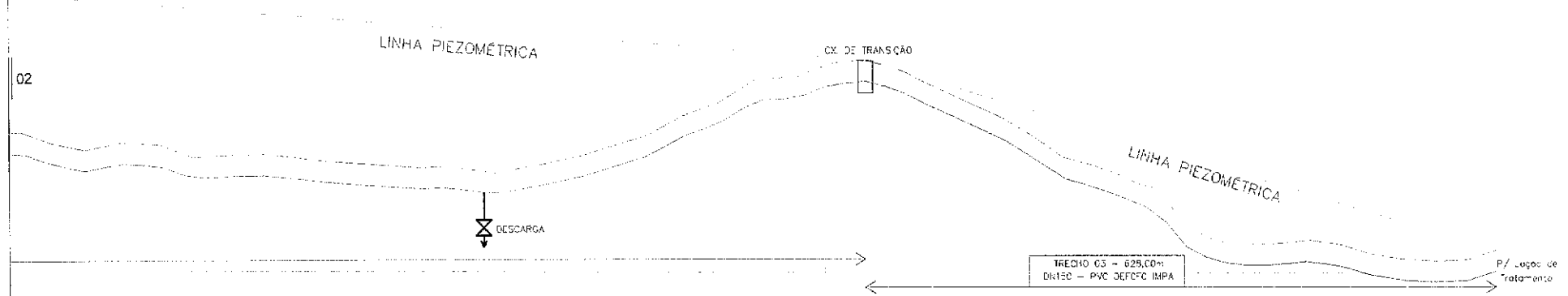


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 ABELARDO GERÔNIMO DE MOURA BEZERRA



PERFIL EMISSÁRIO - Sub-Bacia 3

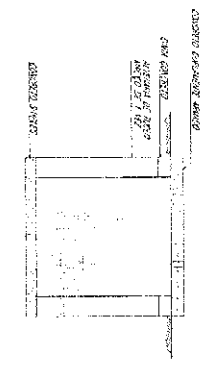


Estação	Alt. do Eixo (m)	Alt. da Piezométrica (m)	Alt. do Fundo (m)	Alt. do Solo (m)	Declividade (%)
0+00	1.00	1.00	1.00	1.00	0.00
0+01	1.00	1.00	1.00	1.00	0.00
0+02	1.00	1.00	1.00	1.00	0.00
0+03	1.00	1.00	1.00	1.00	0.00
0+04	1.00	1.00	1.00	1.00	0.00
0+05	1.00	1.00	1.00	1.00	0.00
0+06	1.00	1.00	1.00	1.00	0.00
0+07	1.00	1.00	1.00	1.00	0.00
0+08	1.00	1.00	1.00	1.00	0.00
0+09	1.00	1.00	1.00	1.00	0.00
0+10	1.00	1.00	1.00	1.00	0.00
0+11	1.00	1.00	1.00	1.00	0.00
0+12	1.00	1.00	1.00	1.00	0.00
0+13	1.00	1.00	1.00	1.00	0.00
0+14	1.00	1.00	1.00	1.00	0.00
0+15	1.00	1.00	1.00	1.00	0.00
0+16	1.00	1.00	1.00	1.00	0.00
0+17	1.00	1.00	1.00	1.00	0.00
0+18	1.00	1.00	1.00	1.00	0.00
0+19	1.00	1.00	1.00	1.00	0.00
0+20	1.00	1.00	1.00	1.00	0.00
0+21	1.00	1.00	1.00	1.00	0.00
0+22	1.00	1.00	1.00	1.00	0.00
0+23	1.00	1.00	1.00	1.00	0.00
0+24	1.00	1.00	1.00	1.00	0.00
0+25	1.00	1.00	1.00	1.00	0.00
0+26	1.00	1.00	1.00	1.00	0.00
0+27	1.00	1.00	1.00	1.00	0.00
0+28	1.00	1.00	1.00	1.00	0.00
0+29	1.00	1.00	1.00	1.00	0.00
0+30	1.00	1.00	1.00	1.00	0.00
0+31	1.00	1.00	1.00	1.00	0.00
0+32	1.00	1.00	1.00	1.00	0.00
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0+36	1.00	1.00	1.00	1.00	0.00
0+37	1.00	1.00	1.00	1.00	0.00
0+38	1.00	1.00	1.00	1.00	0.00
0+39	1.00	1.00	1.00	1.00	0.00
0+40	1.00	1.00	1.00	1.00	0.00
0+41	1.00	1.00	1.00	1.00	0.00
0+42	1.00	1.00	1.00	1.00	0.00
0+43	1.00	1.00	1.00	1.00	0.00
0+44	1.00	1.00	1.00	1.00	0.00
0+45	1.00	1.00	1.00	1.00	0.00
0+46	1.00	1.00	1.00	1.00	0.00
0+47	1.00	1.00	1.00	1.00	0.00
0+48	1.00	1.00	1.00	1.00	0.00
0+49	1.00	1.00	1.00	1.00	0.00
0+50	1.00	1.00	1.00	1.00	0.00
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0+67	1.00	1.00	1.00	1.00	0.00
0+68	1.00	1.00	1.00	1.00	0.00
0+69	1.00	1.00	1.00	1.00	0.00
0+70	1.00	1.00	1.00	1.00	0.00
0+71	1.00	1.00	1.00	1.00	0.00
0+72	1.00	1.00	1.00	1.00	0.00
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0+74	1.00	1.00	1.00	1.00	0.00
0+75	1.00	1.00	1.00	1.00	0.00
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0+78	1.00	1.00	1.00	1.00	0.00
0+79	1.00	1.00	1.00	1.00	0.00
0+80	1.00	1.00	1.00	1.00	0.00
0+81	1.00	1.00	1.00	1.00	0.00
0+82	1.00	1.00	1.00	1.00	0.00
0+83	1.00	1.00	1.00	1.00	0.00
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0+97	1.00	1.00	1.00	1.00	0.00
0+98	1.00	1.00	1.00	1.00	0.00
0+99	1.00	1.00	1.00	1.00	0.00
0+100	1.00	1.00	1.00	1.00	0.00

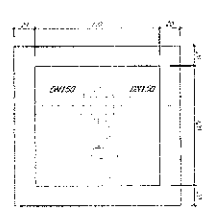
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CAPA PARA EQUIPAMENTO DE COZINHA

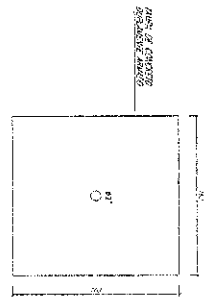
CORTE



PLANTA

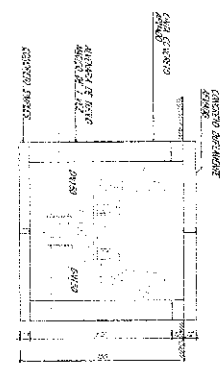


FRONTAL

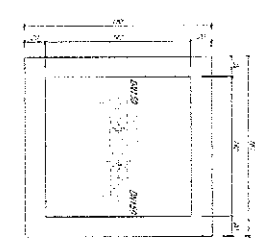


- 1 - 1/2" DE C/VA ALUMINUM T. 10000
- 2 - C/VA DE COZINHA 10000
- 3 - 1/2" DE C/VA ALUMINUM T. 10000
- 4 - 1/2" DE C/VA ALUMINUM T. 10000
- 5 - 1/2" DE C/VA ALUMINUM T. 10000

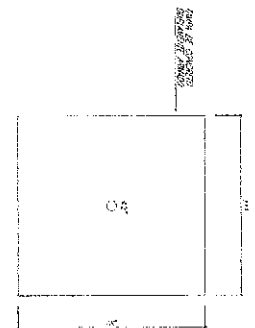
CORTE



PLANTA



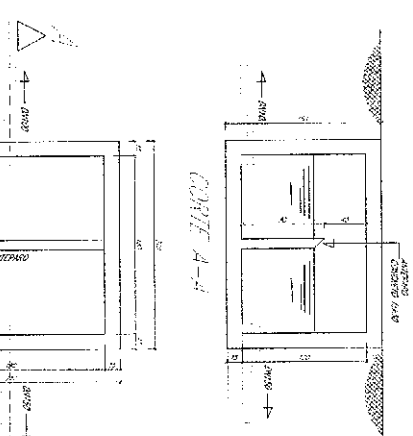
FRONTAL



- 1 - 1/2" DE C/VA ALUMINUM T. 10000
- 2 - 1/2" DE C/VA ALUMINUM T. 10000
- 3 - 1/2" DE C/VA ALUMINUM T. 10000
- 4 - 1/2" DE C/VA ALUMINUM T. 10000
- 5 - 1/2" DE C/VA ALUMINUM T. 10000

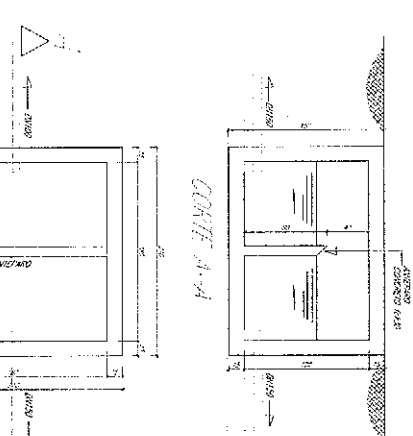
CAPA DE TRANSICAO

CORTE A-A

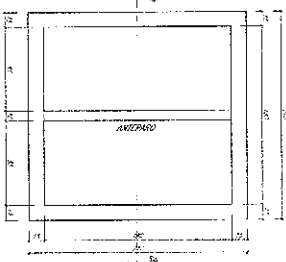


CAPA DE TRANSICAO

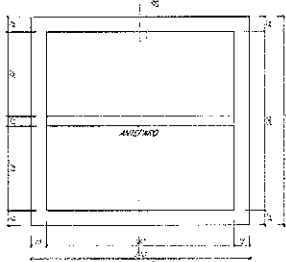
CORTE A-A



PLANTA BAIXA



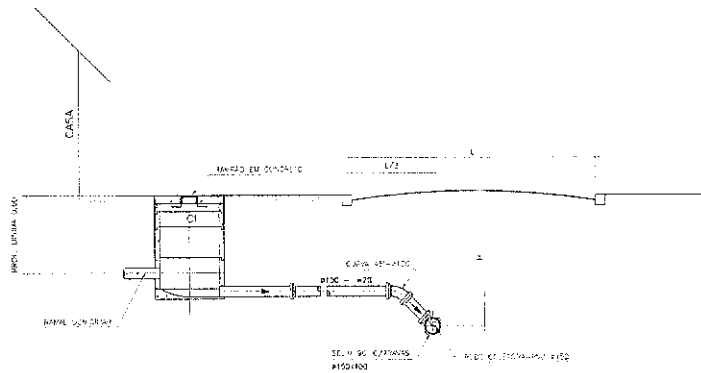
PLANTA BAIXA



ARLEANDO GONCALVES DE MOURA FERREIRA

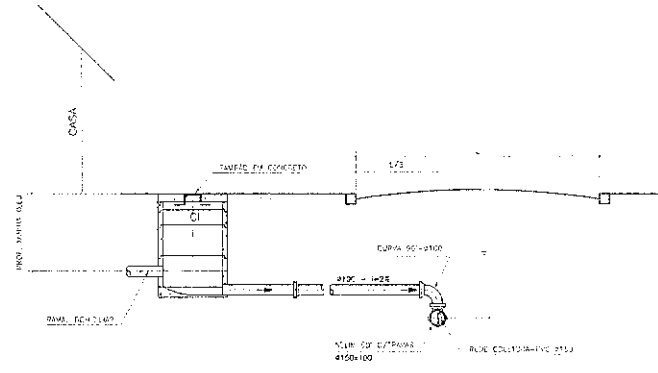
PREFEITURA MUNICIPAL DE SOBRAL
 SECRETARIA DE DESENVOLVIMENTO SANITARIO - ATO GRUPO I
 OMS VEICULA - DESCRICAO - TRAFICADO
 DATA - 13/09/2017
 DESENVOLVIMENTO
 01/07

LIGAÇÃO COM SELIM INCLINADO 45°
S/ESCALA

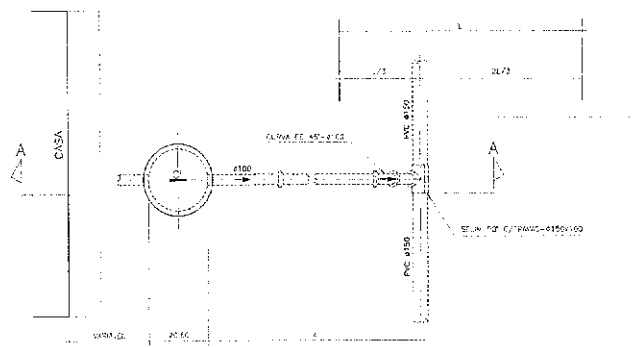


CORTE "A-A"

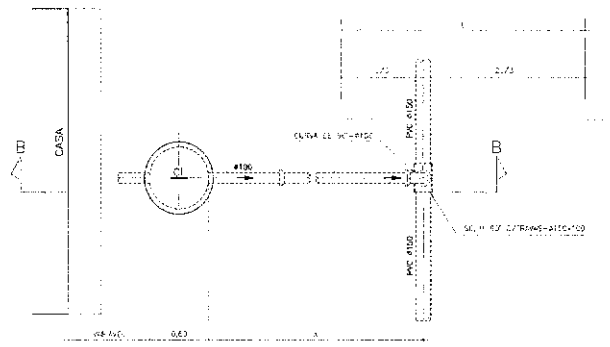
LIGAÇÃO COM SELIM NA VERTICAL
S/ESCALA



CORTE "B-B"



PLANTA



PLANTA

LEGENDA:

C - CASA DE INEGAÇÃO

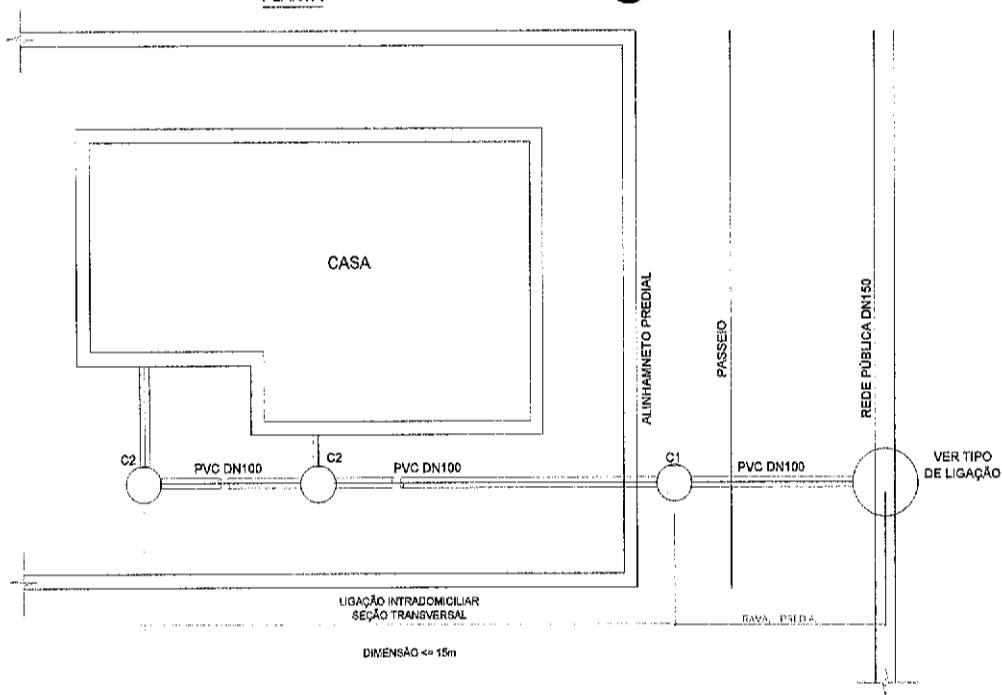
NOTAS:

- 1- DIMENSÕES EM METRO, EXCETO EM N. METRO, EXCETO C/ES "C/ES".
- 2- TUBOS E CONEXÕES DE PVC RIGIDO COM JUNTA ELÁSTICA.
- 3- A SELEÇÃO DO TIPO DE MATERIAL DEVERÁ SER DECIDIDA DE CAMPO, E SEMPRE EM FUNÇÃO DO COMPRIMENTO "X" E DO DESEMPENHO "Y".

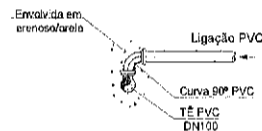

ABELARDO GERÔNIMO DE MOURA BEZERRA

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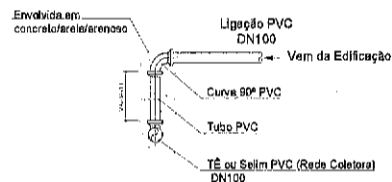
PLANTA



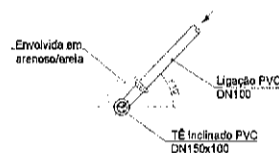
LIGAÇÃO TIPO I



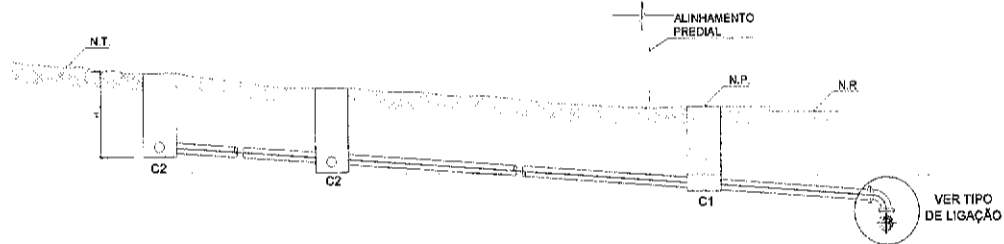
LIGAÇÃO TIPO II (PARA REDES PROFUNDAS)



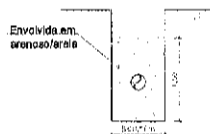
LIGAÇÃO TIPO III



SEÇÃO TRANSVERSAL



SEÇÃO TÍPICA DA VALA



- C1 - DISPOSITIVO DE INSPEÇÃO, CAIXA DE CONCRETO DN 300 mm
- C2 - CAIXA DE CONCRETO COM TAMPÃO DE CONCRETO DN 400 mm

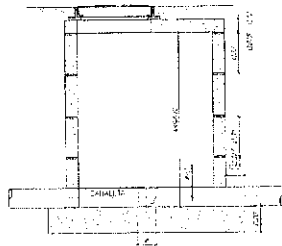
NOTAS:

- 1 - PARA EFEITO DE ORÇAMENTO, A EXTENSÃO DO RAMAL PREDIAL SERÁ CONSIDERADA COMO 4,00m.
- 2 - PROFUNDIDADE MÍNIMA DA LIGAÇÃO 0,40m.

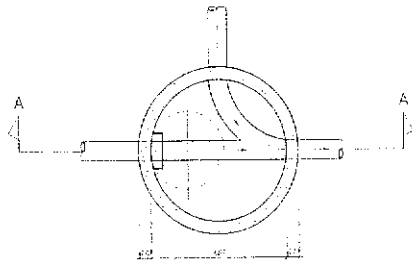
NOTAS:

- 1 - DEVE-SE TER CUIDADOS ESPECIAIS NA COMPACTAÇÃO PARA EVITAR DANOS NAS PEÇAS.

ABELEDO LEEZARDIA DE MOURA GUEZENA

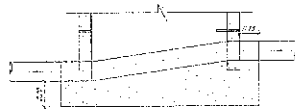


CORTE "A-A"

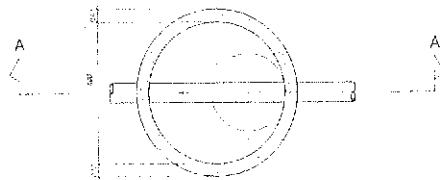


PLANTA

POÇO DE VISITA TIPO 1 COM DUAS ENTRADAS

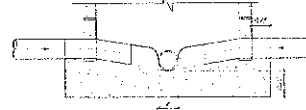


CORTE "A-A"

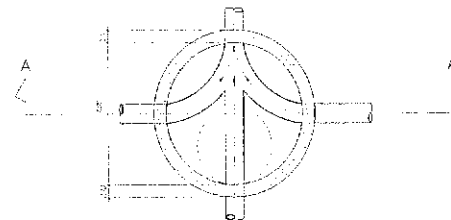


PLANTA

POÇO DE VISITA TIPO 1 COM UMA ENTRADA

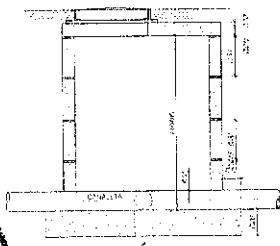


CORTE "A-A"

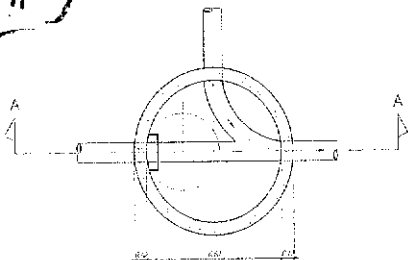


PLANTA

POÇO DE VISITA TIPO 1 COM TRÊS ENTRADAS

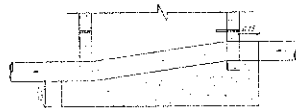


CORTE "A-A"

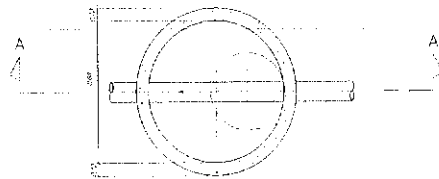


PLANTA

POÇO DE VISITA TIPO 1 COM DUAS ENTRADAS

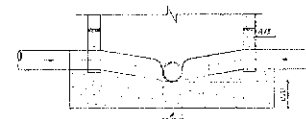


CORTE "A-A"

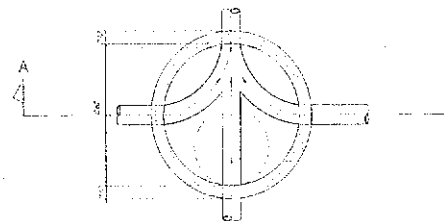


PLANTA

POÇO DE VISITA TIPO 1 COM UMA ENTRADA



CORTE "A-A"



PLANTA

POÇO DE VISITA TIPO 1 COM TRÊS ENTRADAS

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Abelardo Corrêa de Moura Bezerra
ABELARDO CORRÊA DE MOURA BEZERRA