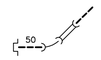
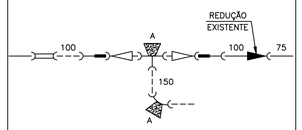
SETOR PRAIA GRANDE

N4446/N5330/N4470



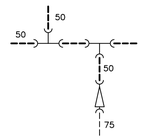
01 LCR PVC JE DN50
01 C PVC JE 22° DN50
01 K PVC JE DN50

N37



01 T F°F° JE BBB DN150
01 LCR PVC JE DN100
01 C F°F° JE 90° DN150
02 RD F°F° JE DN 150X100
02 AD PVC JEXF°F° DN 100X100

N4330/N5296/N5284/N5290



02 T PVC JE BBB DN50
01 RD PVC JE BB DN75X50

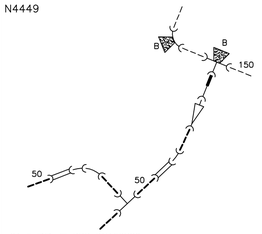
N5314/N5312/N5300/N5280/N5270/N5271/
N5261/N4488/N5257/N5324/N5322/N4440/
N4445/N4453/N4378/N4392/N4414/N4399/
N4402/N4405/N4406/N4408/N5318

01 T PVC JE BBB DN50

N4421 ≅ N4422/N4419 ≅ N4420

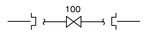
02 K PVC JE DN50

N4449



01 T F°F° JE BBB DN150X80
01 T PVC JE BBB DN50
02 LCR PVC JE DN50
02 C PVC JE PB 22° DN50
01 C PVC JE PB 45° DN50
01 C F°F° JE BB 90° DN150
01 RD PVC JE PB DN75X50
01 AD PVC JEXF°F° BP DN 75X80

N49 ≅ N50



02 K PVC DN100

N52

01 K PVC DN100

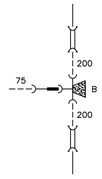
N4451/N4450/N5301/N5305/N4442/N4441/
N5326/N5327/N4452/N4435/N5315/N5311/
N5302/N5303/N5304/N5273/N4382/N4384/
N5267/N5258/N4383/N4431/N5265/N5323/
N4424/N4427/N5325/N5262/N4429/N4426/
N4478/N4467/N4430/N4417/N4418/N4425

01 K PVC DN50

N4452a

01 LCR PVC JE BBB DN50
01 C PVC JE PB 22° DN50

N5316

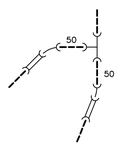


01 T F°F° JE BBB DN200X80
02 LCR F°F° JM DN200
01 AD PVC JEXF°F° BP DN75X80

N5313/N5276/N5329/N4474/N4489/N5321/
N5320/N4461/N4398/N4400/N4411/N4370/
N4371/N5319

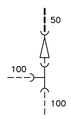
01 LCR PVC JE DN50
01 C PVC JE PB 90° DN50

N4448



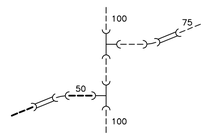
01 T PVC JE BBB DN50
02 LCR PVC JE DN50
01 C PVC JE PB 22° DN50
01 C PVC JE PB 45° DN50

N4369



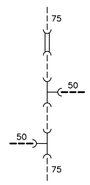
01 T PVC JE BBB DN100
01 RD PVC JE PB DN100X50

N4466



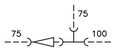
01 T PVC JE BBB DN100X50
01 T PVC JE BBB DN100x75
01 LCR PVC JE DN50
01 LCR PVC JE DN75
01 C PVC JE PB 22° DN75
01 C PVC JE PB 22° DN50

N5283



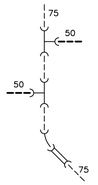
02 T PVC JE BBB DN75X50
01 LCR PVC JE DN75

N5288



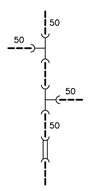
01 T PVC JE BBB DN100X75
01 RD PVC JE PB DN100X75

N5279



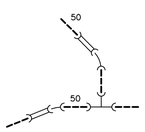
02 T PVC JE BBB DN75X50
01 LCR PVC JE DN75
01 C PVC JE PB 45° DN75

N5299/N5286/N5285/N5287/N5293/N5291/
N5292/N5297/N5298/N4443/N4374/N4375/
N4397/N4403/N4407



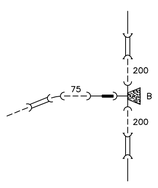
02 T PVC JE DN50
01 LCR PVC JE DN50

N4456



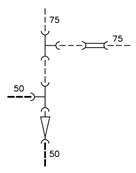
01 T PVC JE BBB DN50
02 LCR PVC JE DN50
01 C PVC JE PB 22° DN50
01 C PVC JE PB 45° DN50

N5277



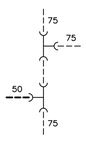
01 T F°F° JE BBB DN200X80
02 LCR F°F° JM DN200
01 LCR PVC JE DN75
01 C PVC JE PB 22° DN75
01 AD PVC JEXF°F° BP DN75X80

N5295/N5289



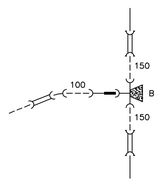
01 T PVC JE BBB DN75X50
01 T PVC JE BBB DN75
01 LCR PVC JE DN75
01 RD PVC JE PB DN75X50

N5282



01 T PVC JE BBB DN75X50
01 T PVC JE BBB DN75

N5306



01 T F°F° JE BBB DN150X100
02 LCR F°F° JM DN150
01 LCR PVC JE DN100
01 C PVC JE 22° DN100
01 AD PVC JEXF°F° BO DN100X100

LEGENDA

- REDE PROJETADA
- REDE EM SUBSTITUIÇÃO
- REDE DO EMPREENDEDOR
- REDE EXISTENTE
- REDE A SER DESATIVADA
- CAIXA PARA PROTEÇÃO/MANUTENÇÃO
- BLOCOS DE ANCORAGEM

DN 50 mm
DN 75 mm
DN 100 mm
DN 150 mm
DN ≥ 200 mm

NOTAS

1. PRESSÃO DE SERVIÇO PARA DIMENSIONAMENTO DOS BLOCOS DE ANCORAGEM: A=30mca, B=50mca, C=70mca, D=90mca, E=100mca.

ESTE DESENHO É PROPRIEDADE DA COMPANHIA ESPÍRITO SANTENSE DE SANEAMENTO – CESAN E NÃO PODE SER COPIADO SEM SUA AUTORIZAÇÃO.

NÚMEROS	TÍTULOS
PRINCIPAIS DESENHOS DE REFERÊNCIA	

Nº	LOCAL	DISCRIMINAÇÃO	DES.	DIV.	GER.	DATA
REVISÃO						

CANCELA E SUBSTITUI O DESENHO NÚMERO:

CANCELADO E SUBSTITUÍDO PELO DESENHO NÚMERO:

CENTRO DE DOCUMENTAÇÃO

RECEBIDO: __/__/__

Nº DOC.: _____ ASS.: _____

APROVAÇÃO CESAN:

ASS.: _____ MATR.: _____

UNID.: _____ DATA: __/__/__

ESTA APROVAÇÃO NÃO ISENTA A CONTRATADA DE SUAS RESPONSABILIDADES LEGAIS.

EMITENTE: GANEM Engenharia Ltda

PROJETADO: ANA CLAUDIA JACOB
CREA: 6668/D REGIÃO: ES

COORDENADOR: JULIO CESAR ALI GANEM
CREA: 24918/D REGIÃO: MG

DESENHO: CRISTINA/JOSIANE
DATA: JAN/12

Nº DES. PROJETISTA: _____

RESPONSÁVEL TÉCNICO: JULIO CESAR ALI GANEM
CREA: 24918/D REGIÃO: MG ART Nº: _____ DATA: _____

EMISSÃO CESAN	DATAS
PROJETADO:	
CREA:	
DESENHADO:	
VERIFICADO:	
DIVISÃO: ENGª LUCIANA CALLEGARI SPAVIER	
GERÊNCIA: ENGª Mª DA GLÓRIA BYRRO AUBIN	

CESAN

MUNICÍPIO: FUNDÃO | DISTRITO: DIVERSOS | BAIRRO: DIVERSOS

NOME DO EMPREENDIMENTO: SISTEMA DE ABASTECIMENTO DE ÁGUA DA GRANDE VITÓRIA

TÍTULO: ANÁLISE OPERACIONAL DO SISTEMA
SETOR PRAIA GRANDE
REDE DE DISTRIBUIÇÃO DE ÁGUA
DETALHE DE NÓS

ESCALA:	FOLHA:	Nº CESAN	REV:
SEM ESCALA	06/07	C-034-000-80-5-XX-0008	00