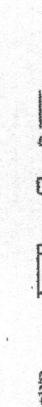


PRODUCT SPECIFICATIONS

SINGLE SEAL



502-778-2731 | 800-926-7867 | 3649 Carver Run Road | Louisville, KY 40221-1961 | www.zoeller.com

Figure 1 is a line graph titled "RELATIONSHIP BETWEEN DEPTH AND TEMPERATURE". The vertical axis (y-axis) is labeled "DEPTH (FEET)" and ranges from 0 to 100 in increments of 10. The horizontal axis (x-axis) is labeled "TEMPERATURE (°C)" and ranges from 0 to 20 in increments of 2. There are three curves plotted: "MODEL A (1941)", "MODEL B (1941)", and "MODEL C (1941)". Model A starts at approximately 18°C at 0 feet, drops sharply to about 10°C at 25 feet, and then remains relatively constant. Model B starts at approximately 18°C at 0 feet and decreases gradually to about 10°C at 100 feet. Model C starts at approximately 18°C at 0 feet, decreases to about 12°C at 50 feet, and then increases to about 15°C at 100 feet. A dashed line indicates a temperature of 10°C at a depth of 25 feet for Model A.

COMPARE

[illegible]

* no molded plug (1) UL listed unit available with 20 Amp plug. (2) 20 Amp duplex receptacle, P/N 10-0050 available. Additional cord lengths are available in 25' (8 m), 35' (11 m), and 50' (15 m).

quired.

1. Integral float opened mechanical switch, no external control required.
2. For automatic use single piggyback variable level float switch. Refer to FM047.
3. See FM1228 for correct model of simplex control panel.
4. See FM071 for correct model of duplex control panel.
5. Variable level control switch (0-0.725 used as a control activator, specify simplex (3) float or duplex (4) float system. Refer to FM0528).

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[illegible]

Mayer Bros., Inc.

WBI

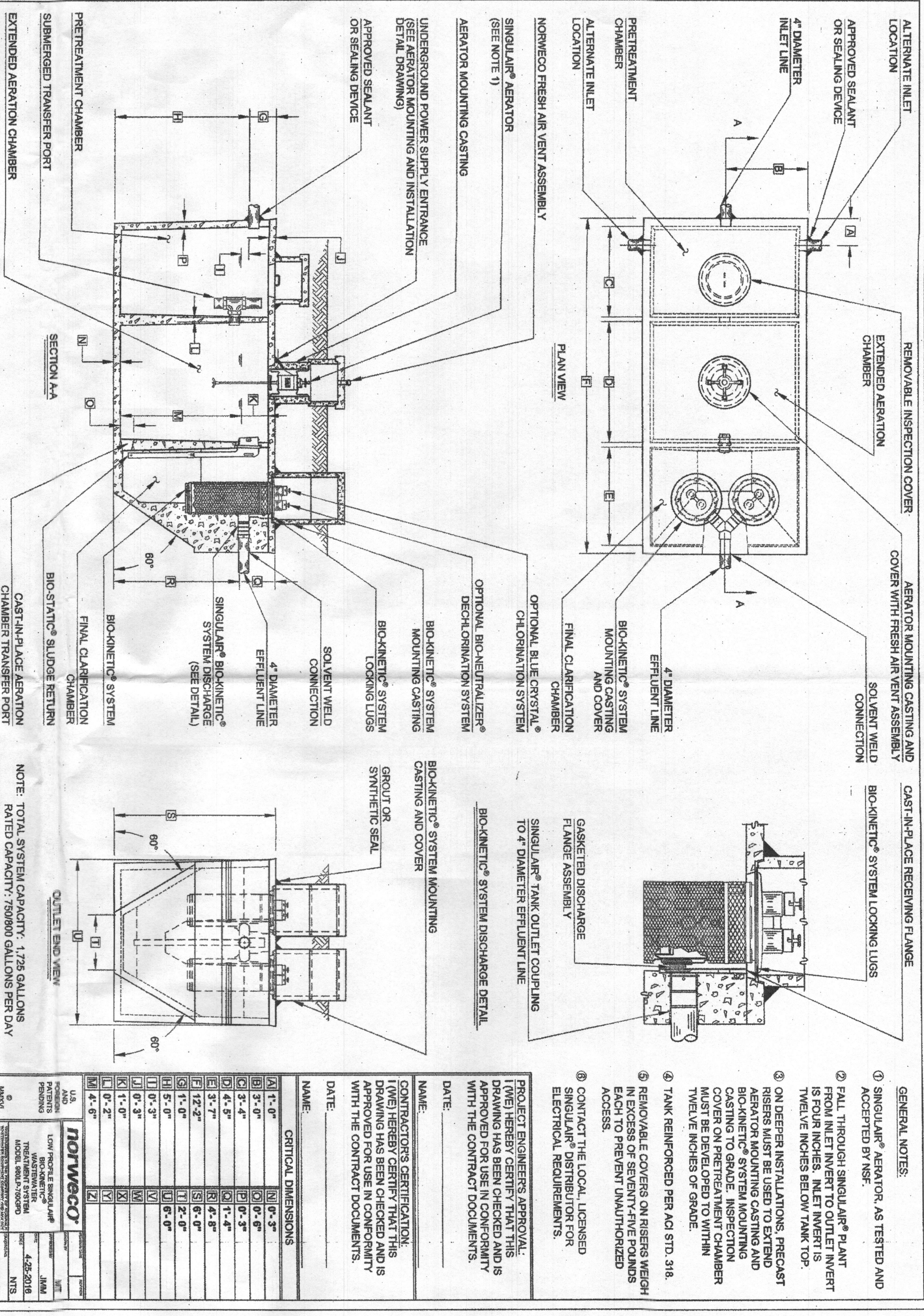
www.wbi.com
www.mayr.com

580 Park Blvd.
Elizabeth, Maryland 2103
Tel. 410/795-4564
Fax. 410/795-4685

**2,000 GALLON SEPTIC TANK
1-Compartment**

Stock Item (Approx. 19,000 lbs)

Dwg. No. 2000-1C	No scale	Aug. 1, 2008



Z. T. S.

NOTE: TOTAL SYSTEM CAPACITY: 1,725 GALLONS
RATED CAPACITY: 750/800 GALLONS PER DAY

NOTE:
RATED CAPACITY: 750 GALLONS PER DAY PER MANUFACTURER.

SEE MANUFACTURES SPECIFIC
DETAILS. WWW.NORWECO.COM

10 Septic System Plan
 Home County Health Department
 NEEDED IN 2008
 Mr. Mayer Bros 2009 gal Pump Tank
 2 zeolite filters (65 up) Pump Tank
 Signature _____
 Date 1/12/2008
 RPT-MD system

THE DETAILS SHOWN HEREON ARE BASED ON TYPICAL MANUFACTURES DRAWING PROVIDED BY NORMECO, ACTUAL MANUFACTURER MAY DIFFER. CONTRACTOR TO VERIFY THAT ALL DIMENSIONS ARE IN COMPLIANCE WITH THE HEALTH DEPARTMENT REQUIREMENTS.

BENCHMARK

ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE A SUITE 315 A ELICOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6644
WWW.BE-CIVIL.ENGINEERING.COM

WWW.BEJ-CIVILENGINEERING.COM

OWNER/DEVELOPERS:

VAWTER PROPERTY

LOT

LOCATION: 14176 TRIADDELPHIA MILL ROAD
TAX MAP: 27 - GRID: 24 - PARCEL: 68
ZONED: RR-DEO RURAL RESIDENTIAL
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND

SEPTIC SYSTEM DESIGN DETAILS

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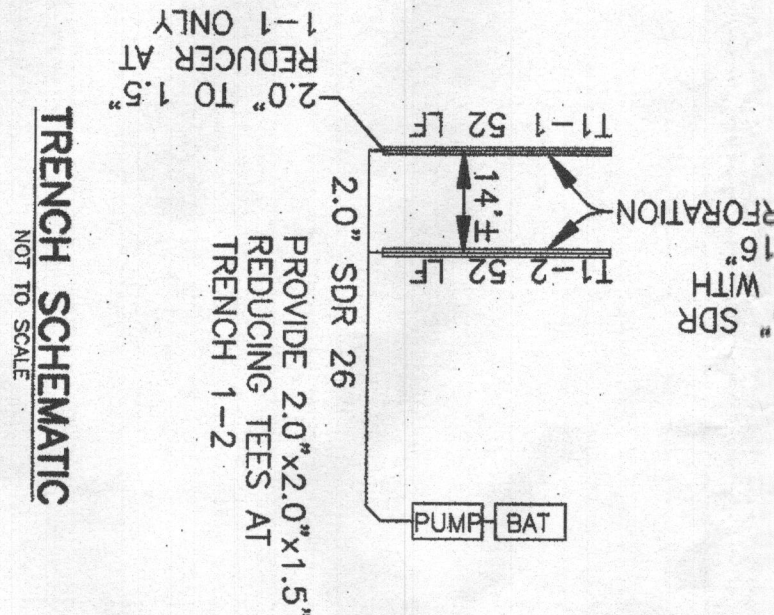
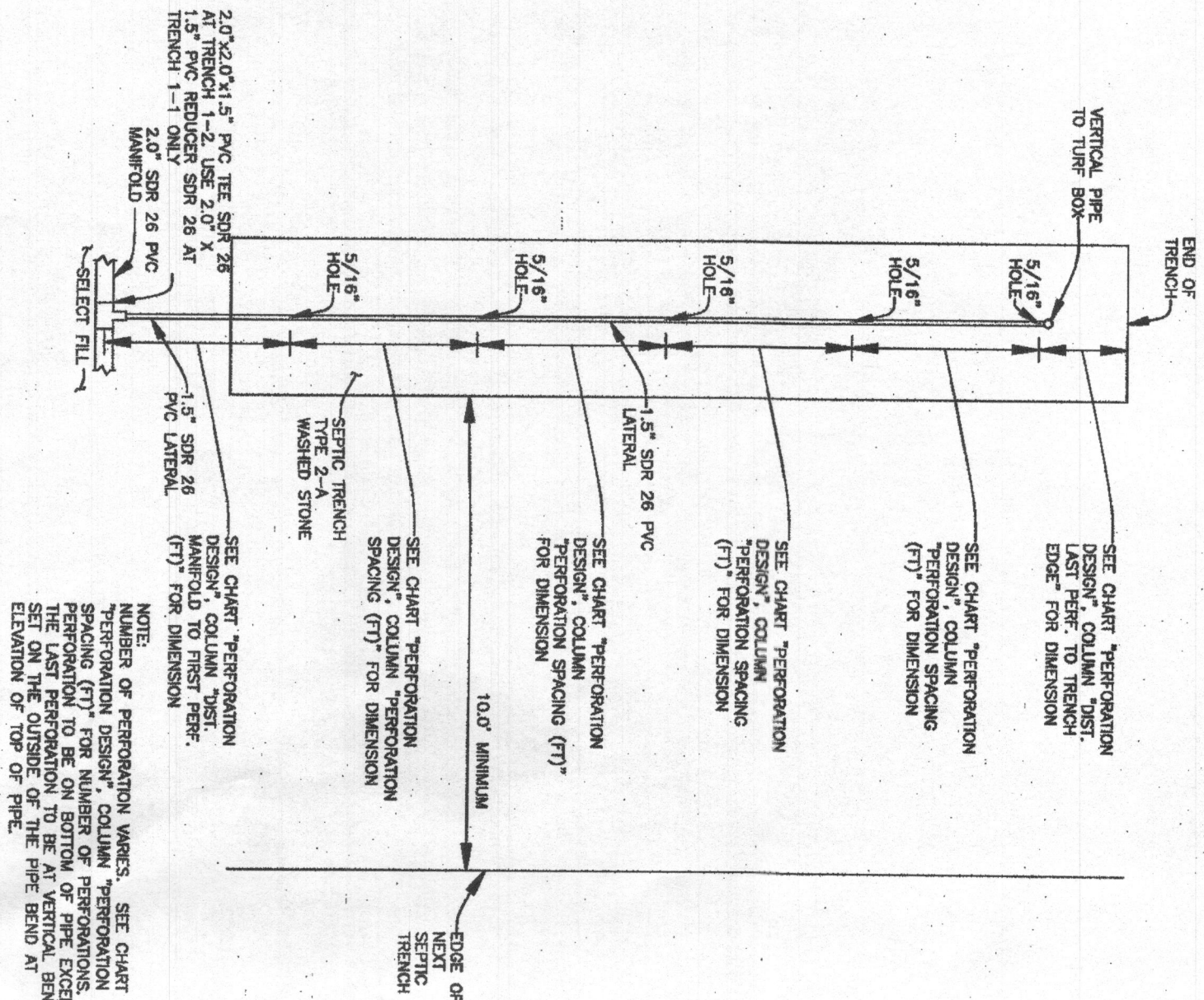
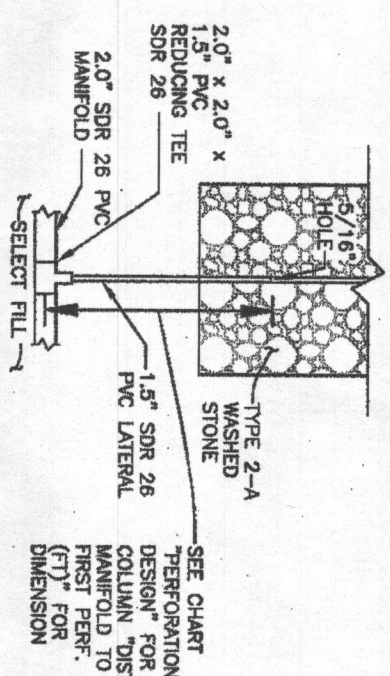
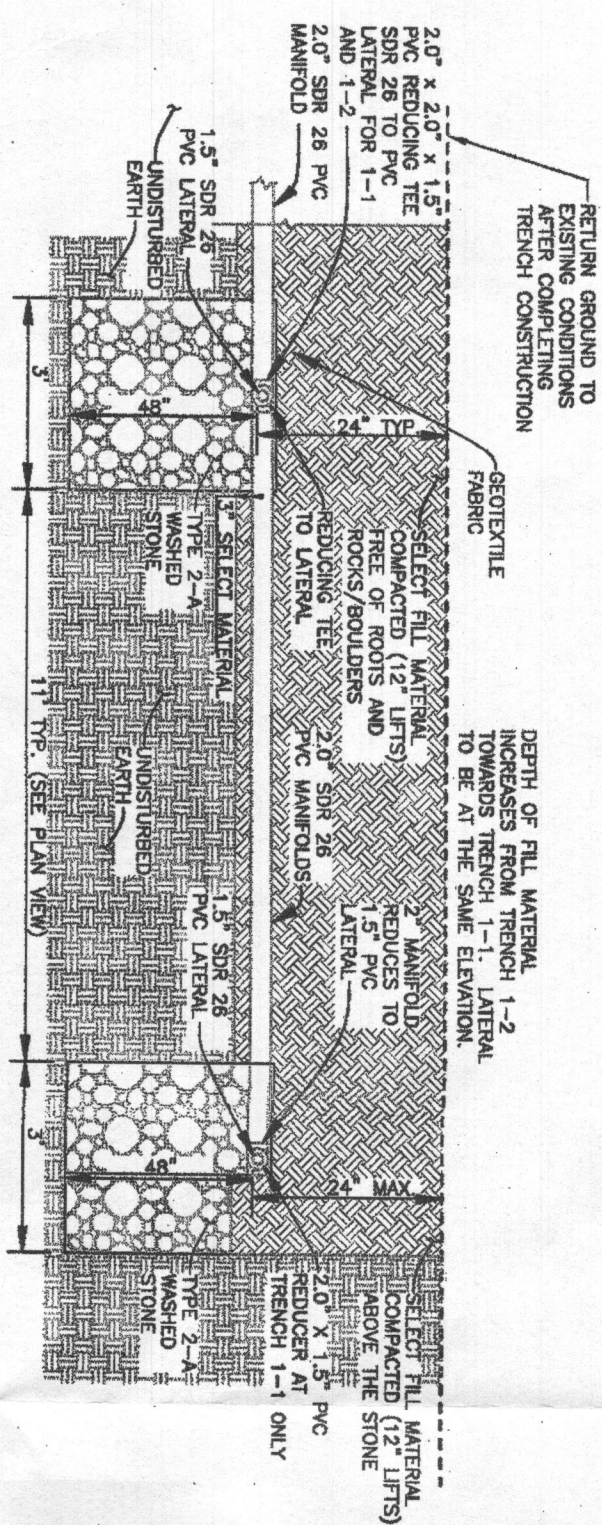
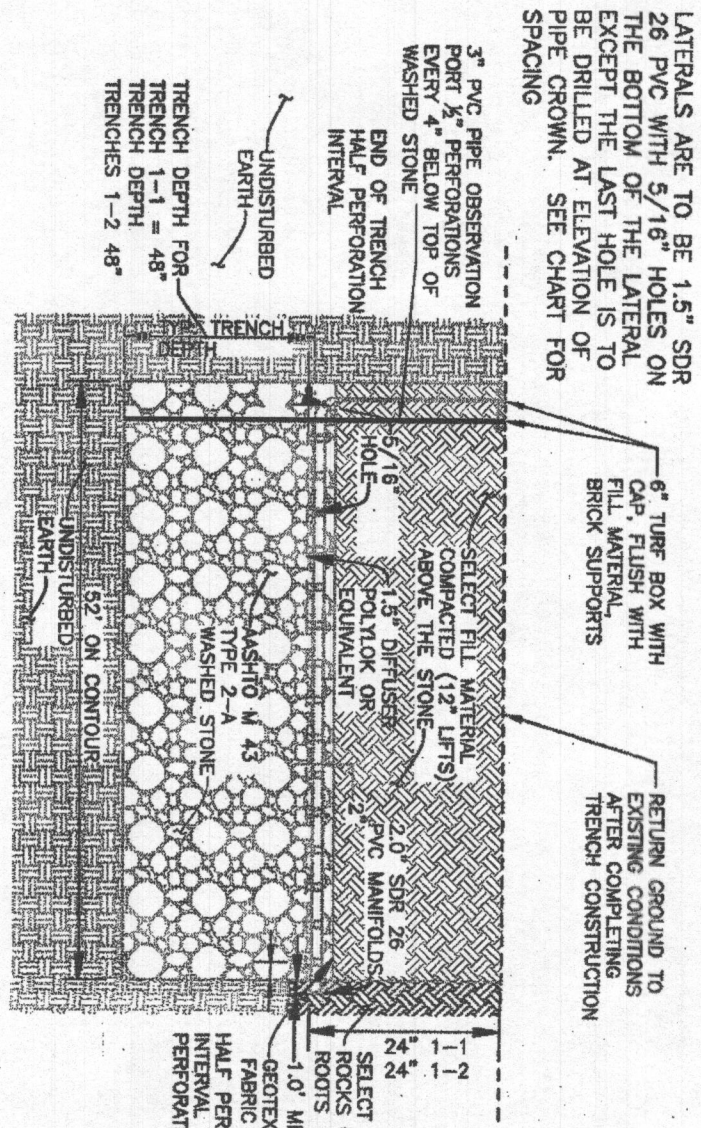
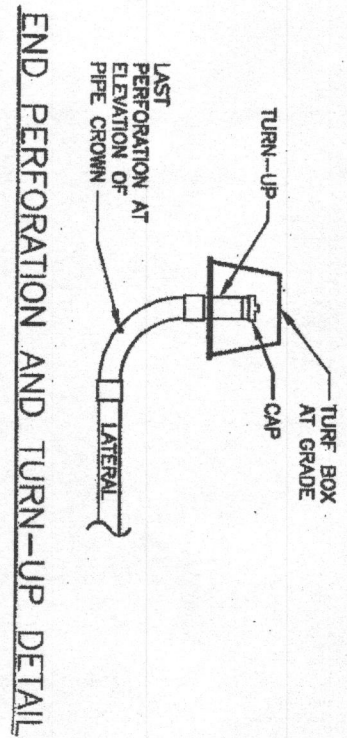
100

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DECEMBER, 20

PROJECT

2766



Trench and Lateral Design									
Cell	Trench	Pipe Size	Manifold	Manifold	Manifold	Manifold	Manifold	Manifold	Manifold
1	1	480.4	448.4	448.4	448.4	448.4	448.4	448.4	448.4
2	2	480.1	448.1	448.1	448.1	448.1	448.1	448.1	448.1

Perforation Design									
Cell	Trench	Number of Perforations	Manifold (ft)	Trench Length (ft)	Perforation Spacing (ft)	Manifold (ft)	Manifold (ft)	Manifold (ft)	Manifold (ft)
1	1	11	3.2	52	4.73	5.59	2.36	52.24	52.24
2	2	10	2.5	52	5.20	5.10	2.60	51.60	51.60

Lateral Pressure Calculations									
Cell	Trench	Pipe	Beginning	Gate	Manifold	Manifold	Manifold	Manifold	Manifold
1	1	480.1	0.00	0	4	188	35.6	0	4.18
2	2	480.4	4.19	0	14	17.9	1	0.00	4.26

Friction Head

Friction Head = Head loss due to pipe friction

2" pipe = 202 feet

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Friction Head = Head loss due to pipe friction

2" pipe = 202 feet

BENCHMARK ENGINEERING, INC.

4440 BAYVIEW AVENUE, SUITE 100, BAYVIEW, ONTARIO M2H 2B4
(416) 465-8105 (T) 416-465-8105 FAX (416) 465-8105
WWW.BENCHMARKENGINEERING.COM

Professional Engineer
No. 45171
Date of Expiry: 2018

VAWTER PROPERTY

LOT 3

14170 TRADEPARK MILL ROAD
TRADEPARK, ONTARIO L4Y 1G8
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND

SEPTO SYSTEM DESIGN DETAILS

DATE: DECEMBER, 2017 PROJECT NO. 2766

SCALE: NONE SHEET 3 OF 3

OWNER/DEVELOPERS:

ELLEN M. VAWTER
14170 TRADEPARK MILL ROAD
TRADEPARK, ONTARIO L4Y 1G8
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND

PROJECT:

14170 TRADEPARK MILL ROAD
TRADEPARK, ONTARIO L4Y 1G8
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND

DESIGN: LDD

DRAFT: LDD CHECK: AMM

DATE: DECEMBER, 2017

PROJECT NO.: 2766

SHEET: 3 OF 3

SCALE: NONE

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17176 TRIADOLPHIN MUC

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