



Howard County
Health Department

Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Maura

J. Rossman, M.D., Health Officer

RECEIPT DATE: 9/4/2019

ONSITE SEWAGE DISPOSAL SYSTEM

P 566360

INSTALLATION

APPROVAL DATE: 10/23/19



PERMIT

A _____

SEWER HOUSE CONNECTION

PROPERTY ADDRESS: 12510 Triadelphia Road,

SUBDIVISION: The Woods at Triadelphia

LOT: 1

TAX ID: 04310248

CONTRACTOR: Sams Creek

EMAIL: _____

CONTRACTOR ADDRESS: 2810 Sams Creek Rd, New Windsor, MD 21776

PHONE: 443-536-5167

PROPERTY OWNER: Stephan W. Weinman

EMAIL: _____

OWNER ADDRESS: 840 Oella Avenue #418 Ellicott City, MD 21043

PHONE: _____

NUMBER OF BEDROOMS: 5

CONNECTED TO PUBLIC WATER:

☐

YES

☒

NO

LOCATION:	INSTALL 4" SEWER LINE PER APPROVED SITE PLAN.
NOTES:	EX SYSTEM: LOADING RATE: 1.2 GPD EFFECTIVE AREA: 5.0' TO 8.0' 2' WIDE

ISSUED BY: Robert Freemon

ISSUE DATE: 9/4/2019

EXPIRATION DATE: 9/4/2020

NOTE: HOWARD COUNTY BUREAU OF UTILITIES APPROVAL OF GRINDER PUMP INSTALLATION IS REQUIRED PRIOR TO SEPTIC PERMIT APPROVAL

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

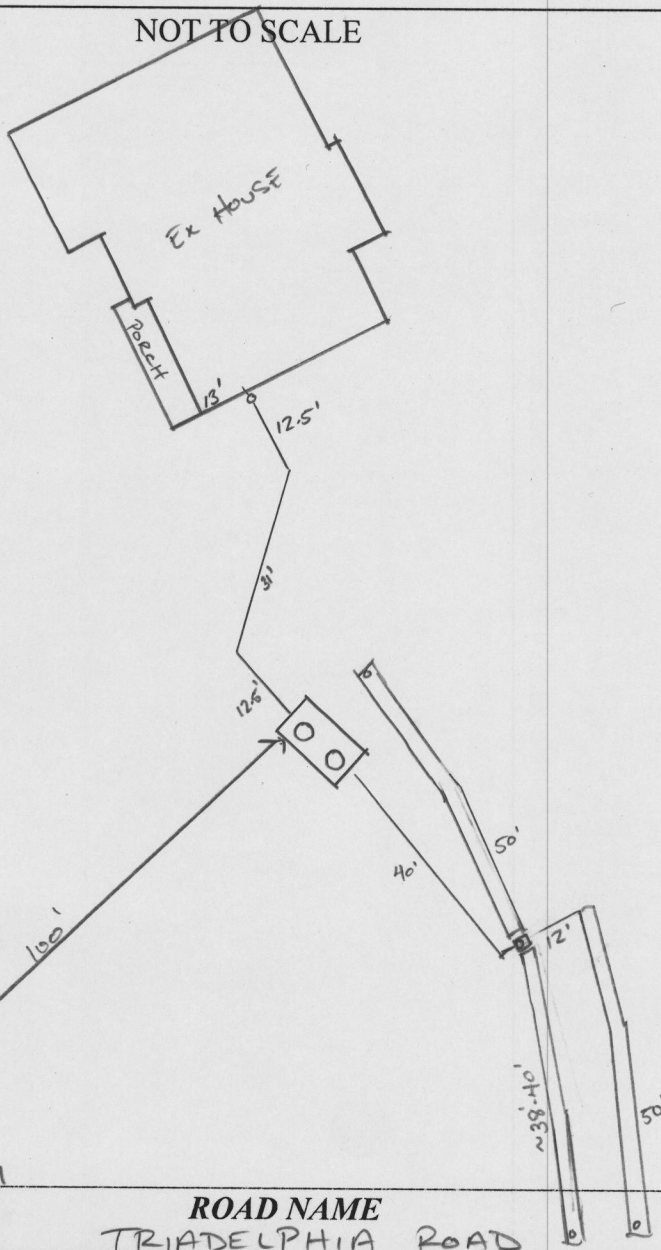
NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	5'	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		138 F
ABSORPTION AREA		414 SF
DISTRIBUTION BOX LEVEL		UNK
DISTRIBUTION BOX BAFFLE		UNK
DISTRIBUTION BOX PORT		UNK

EXISTING

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL _____

MANUFACTURER _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID _____

PUMP/SEPTIC TANK LEVEL _____

MANUFACTURER _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID _____

EXISTING

PRE-CONSTRUCTION:

* ST. AND TRENCHES INSTALLED PRIOR TO BAT REC REFORM (W/ WAIVER).
AS BUILT IS APPROX FROM FIELD (2013)

INSTALLATION: 9/24/2019 1/4" : 12" FALL TO TANK. TANK IS FULL OF WATER. (H)

* NEED WATER TIGHT TEST.

10/22/19 Confirmed both ends of S.T. capped off. It was filled up to bottom of lid. 24hrs. pre-soak. Check 1hr. It was level drop next day (KRM) 10/23/19 Watertight test started @ 1:05 pm. @ 1:35 pm water level had not moved. @ 2:00 pm measuring tape was no longer underwater. Possible that tape tilted due to being set on angled rim. Reset measuring tape and water level did not move for 15 min. (ST)

FINAL INSPECTOR

Susan Thomas

DATE OF APPROVAL

10/23/19

Clerk of the Circuit Court for
Howard County
Land Records/Licensing

6095 Marshalee Drive
Suite 120
Elkridge, MD 21075
410-313-5850

=====

LR - Agreement Recording Fee		
	1x	20.00 20.00

Name: weinman
Ref: 9

LR - Agreement Surcharge

	1x	40.00 40.00
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=====

SubTotal:	60.00
Total:	60.00

=====

CRD-Credit	60.00
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Credit Card Confirmation : 009219

01/09/2020 10:29
#13227573/494/109

CC13-YW

~ Thank you for visiting us today ~

CIRCUIT COURT FOR HOWARD
- 8360 COURT AVENUE
ELLICOTT CITY, MD 21043

01/09/2020

10:29:12

CREDIT CARD

VISA SALE

Card #:	XXXXXXXXXXXX5341
Chip Card:	VISA CREDIT
AID:	A0000000031010
ATC:	0005
ARQC:	FDC5853BA54A1885
SEQ #:	3
Batch #:	857
INVOICE	3
CLERK	0002
Approval Code:	009219
Entry Method:	Chip Read
Mode:	Issuer
Tax Amount:	\$0.00

SALE AMOUNT	\$60.00
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NO REFUND WITHOUT COURT ORDER

CUSTOMER COPY

Maura J. Rossman, M.D., Health Officer

**AGREEMENT FOR APPROVAL OF AN INDIVIDUAL DRINKING WELL WITH AN
ON-SITE DISINFECTION SYSTEM**

This agreement is entered into by and between the Howard County Health Department ("the Health Department") and Stephen Weinman; Laurie Driver ("the Owner").

WHEREAS, the Owner owns a tract of land at street address 12510 Tridelpia Road, Ellicott City MD 21042 and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 22, Block # 006, Parcel # 0582, Deed Reference # 1833/0043 and Tax Account # 310248 ("the Property").

WHEREAS, the Property lacks an available public drinking water source and is required to have and individual well as the source of drinking water for the residence of the property.

WHEREAS, the Owner has installed a residential drinking well under well permit HO-17-036 that has been tested by the Health Department (or a private laboratory certified to perform testing) for coliform bacteria. The results of the tests have shown that coliform bacteria was present in the water sample at the time of testing.

WHEREAS, The Maryland Department of the Environment (MDE) has promulgated rules and regulations under which a Certificate of Potability may be issued and has delegated the authority to issue such Certificate to the Health Department.

WHEREAS, MDE regulations permit the Health Department to issue as a special condition, a permanent deviation to the Certificate of Potability, for individual wells to which a water disinfection device has been installed.

WHEREAS, MDE has determined that bacteria can be effectively removed from the drinking water by the use of disinfection devices (e.g. ultraviolet radiation).

WHEREAS, the Owner is requesting that the Health Department issue a Certificate of Potability contingent upon installation and maintenance of a water disinfection device.

WHEREAS, neither the Owner nor the Health Department has knowledge of an alternative safe source of water for the Property.

NOW THEREFORE, the parties have agreed to the following terms and conditions:

1. The Owner will record this Agreement among the Land Records of Howard County, Maryland and provide confirmation to the Health Dept.
2. The Owner agrees to install and maintain a water disinfection device, which effectively removes bacteria below detectable levels. The Health Department shall verify that the disinfection device is operating effectively and the Owner agrees to allow access to the Health Department to collect a follow-up sample(s).

SITE INSPECTION SHEET

OWNER: _____ PHONE #: _____

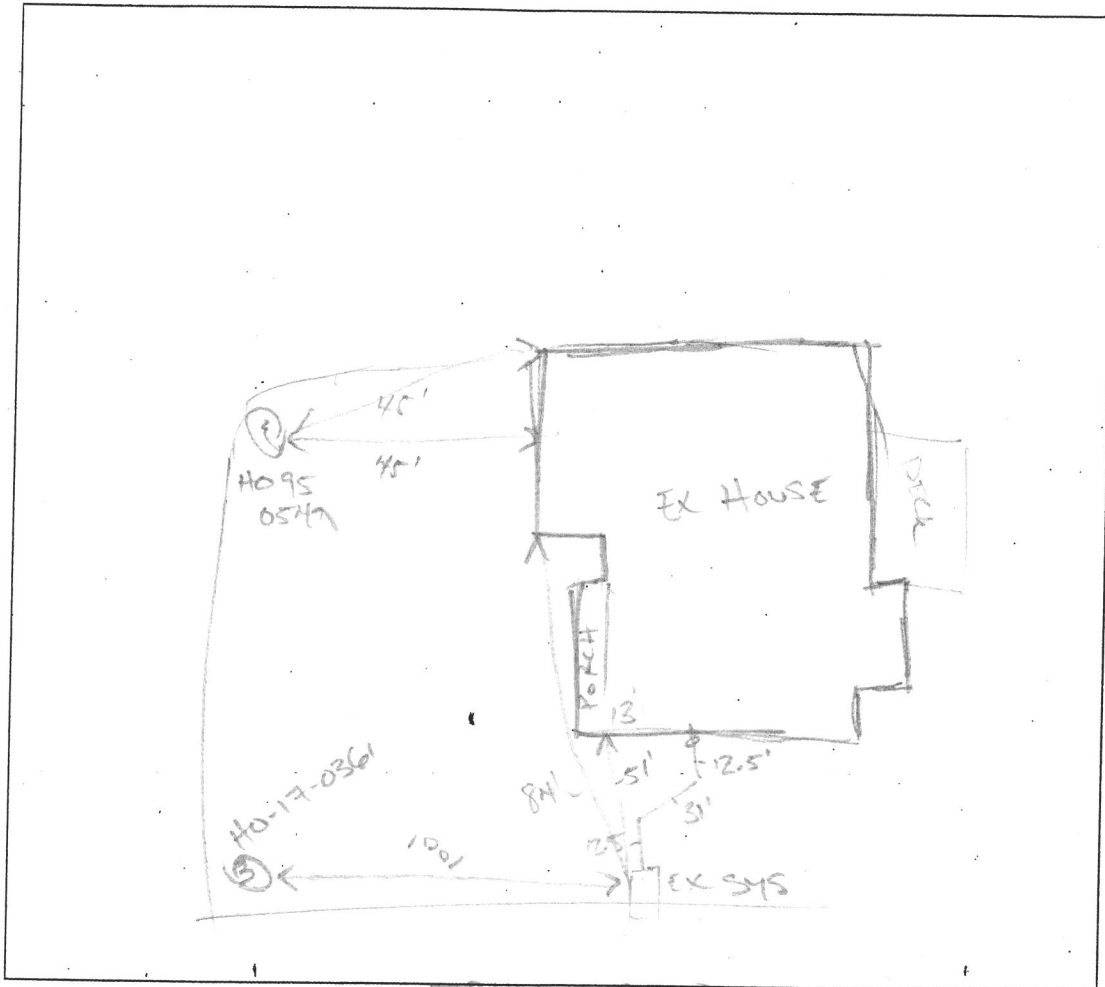
ADDRESS: 12510 TRIADELPHIA ROAD CONTRACTOR: SAMS CREEK

WELL TAG #: H0-95-0549

SUBDIVISION: _____ LOT: _____ COUNTY #: _____

PROPOSAL: _____

LOCATION DIAGRAM



COMMENTS: 25" x 12" FALL TANK IS FULL OF WATER.

DATE: 09/24/2019 INSPECTOR: [Signature]

RECEIPT DATE: 12/19/12P 544475INSTALLATION
APPROVAL DATE: _____**PERMIT**

A _____

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**PROPERTY OWNER: Greenfield Homes Inc.OWNER'S
ADDRESS: 6656 Luster Drive, Highland MD 20777 PHONE: 443-535-0418ADDRESS: 12510 Triadelphia Road TAX ACC'T #: 03-310248SUBDIVISION: The Woods at Triadelphia LOT: 1SEPTIC TANK CAPACITY (GALLONS): TBDPUMP CHAMBER CAPACITY (GALLONS): TBDNUMBER OF BEDROOMS: TBDSQUARE FOOTAGE OF HOUSE: TBDLINEAR FEET OF TRENCH REQUIRED: TBDAPPLICATION RATE: TBD 1.2130' Trench
2x65'
Inlet 5' - 3' Wide
Bottom 7'

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/19/12 EXPIRATION DATE: 12/19/13

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.**

RECEIPT DATE: 12/19/12P 544475INSTALLATION
APPROVAL DATE: _____

PERMIT

A

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

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TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
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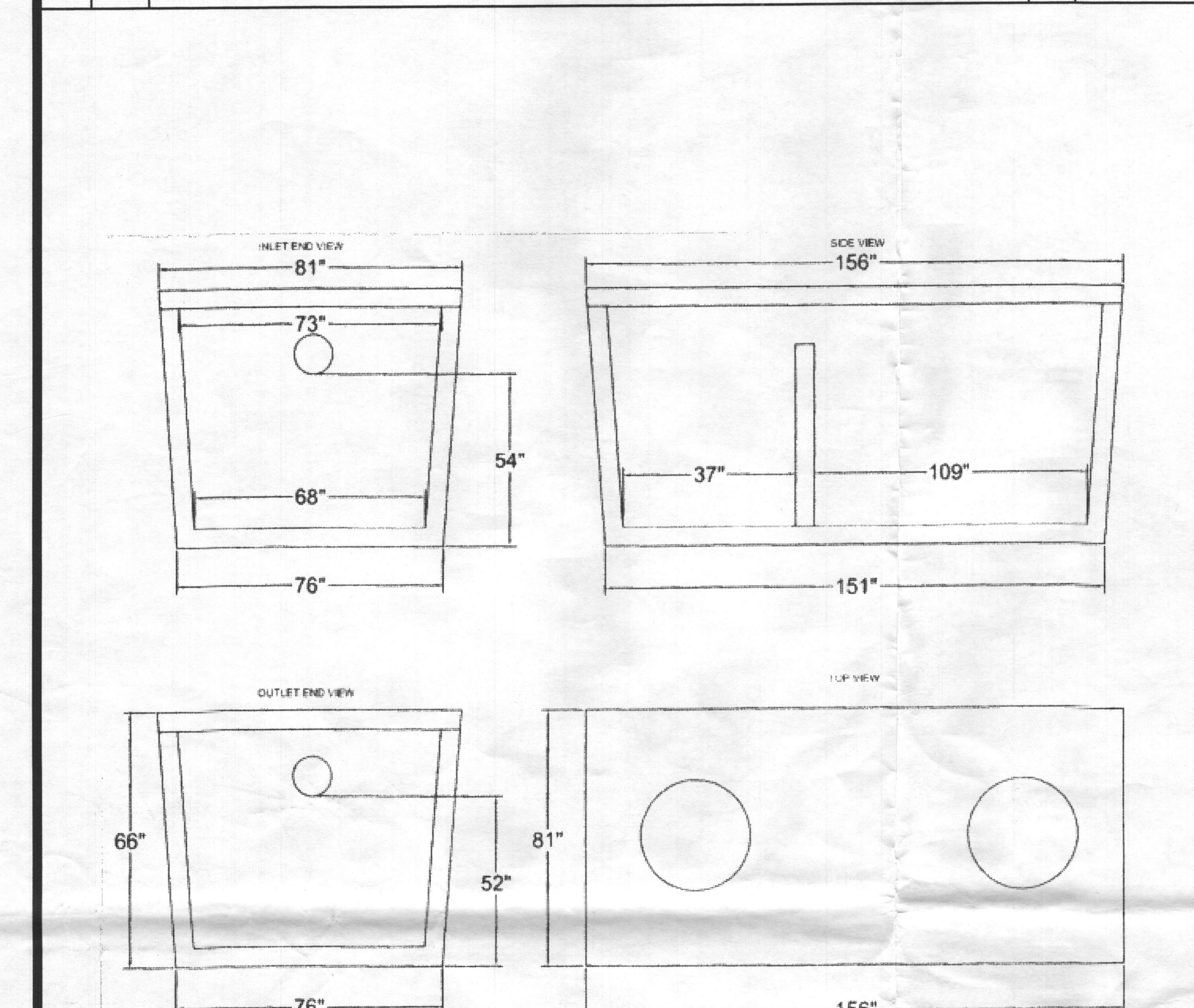
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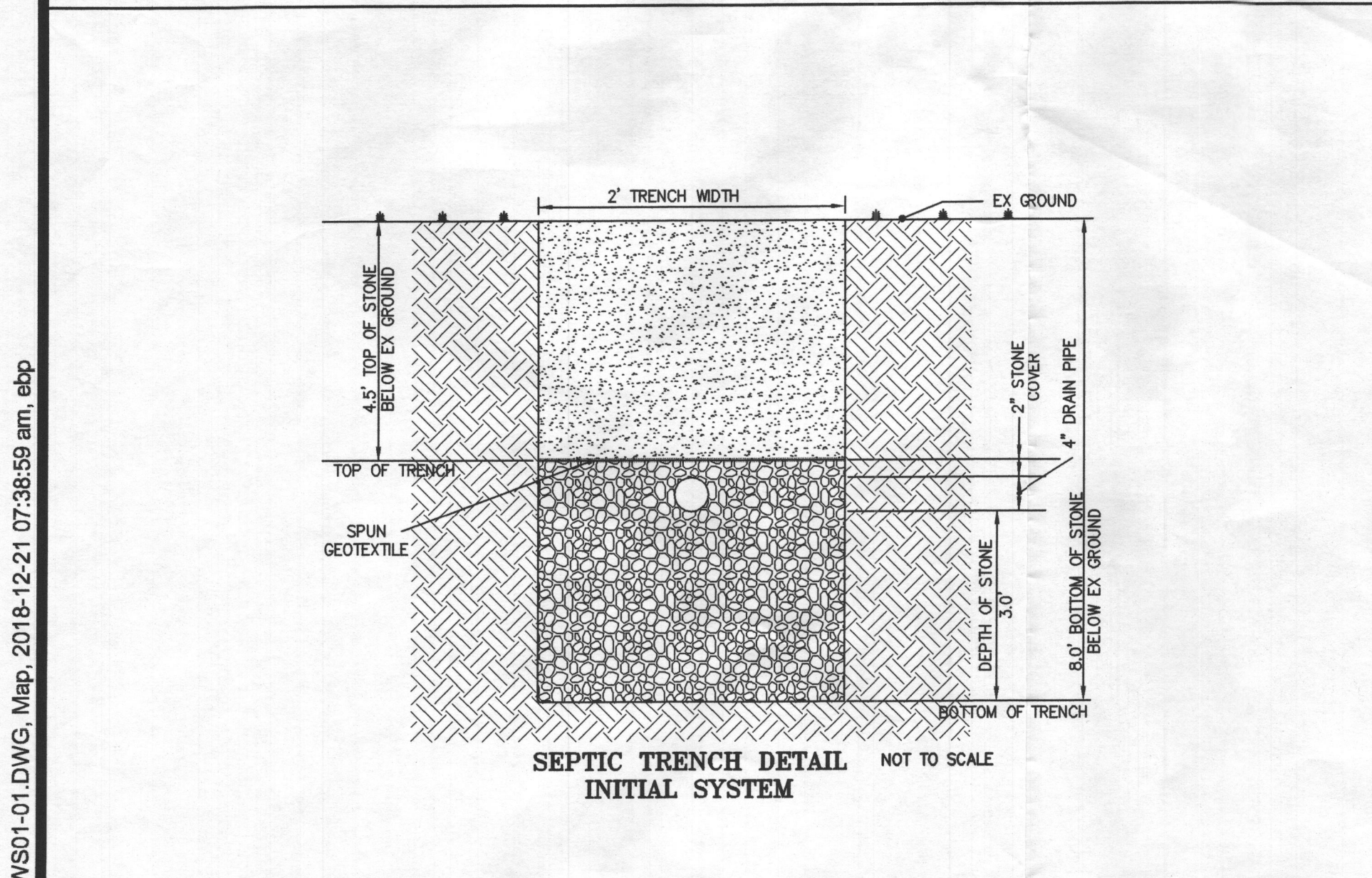
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SEPTIC TEST LEGEND					
Ⓢ	Approved Deep Trench Perc	Ⓢ	Failed Deep Trench Perc		
Ⓢ	Approved Deep Trench Observation Hole	Ⓢ	Failed Deep Trench Observation Hole		

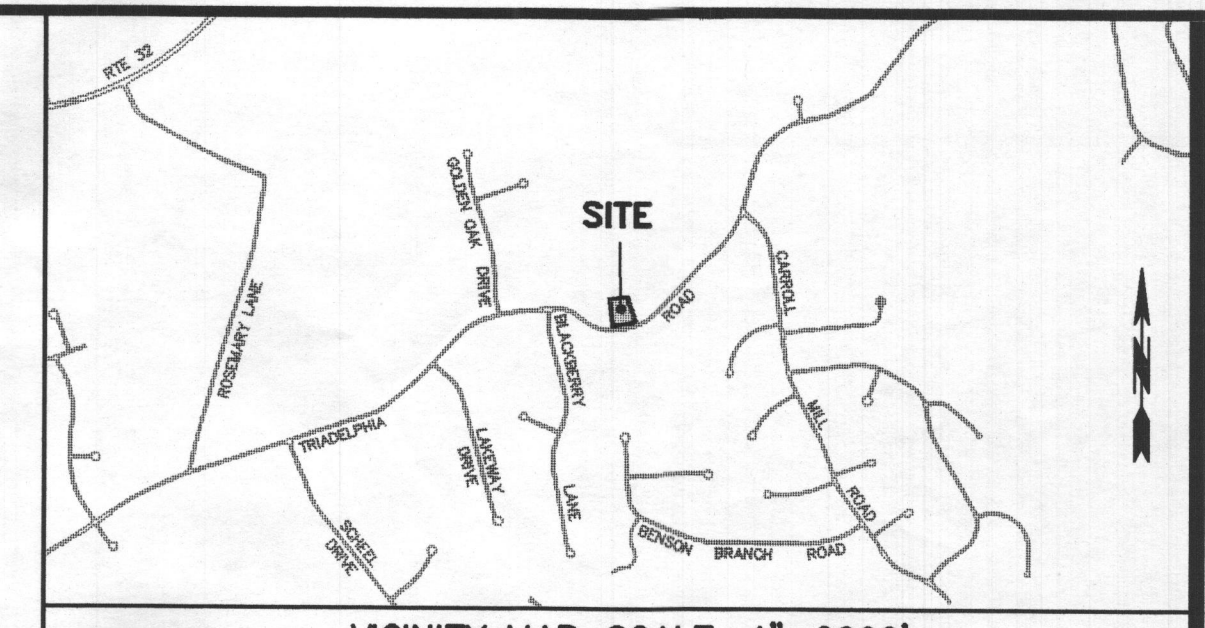
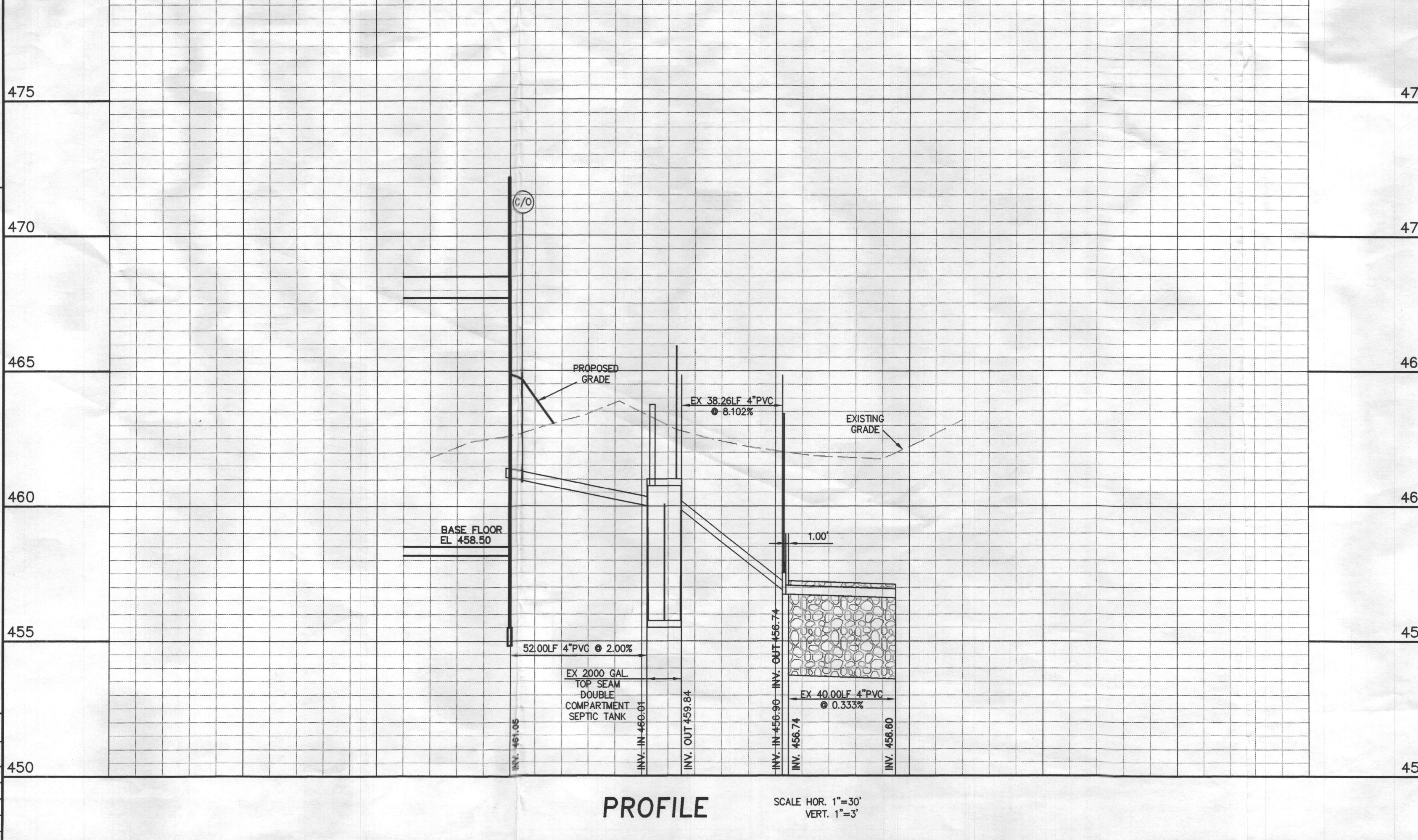
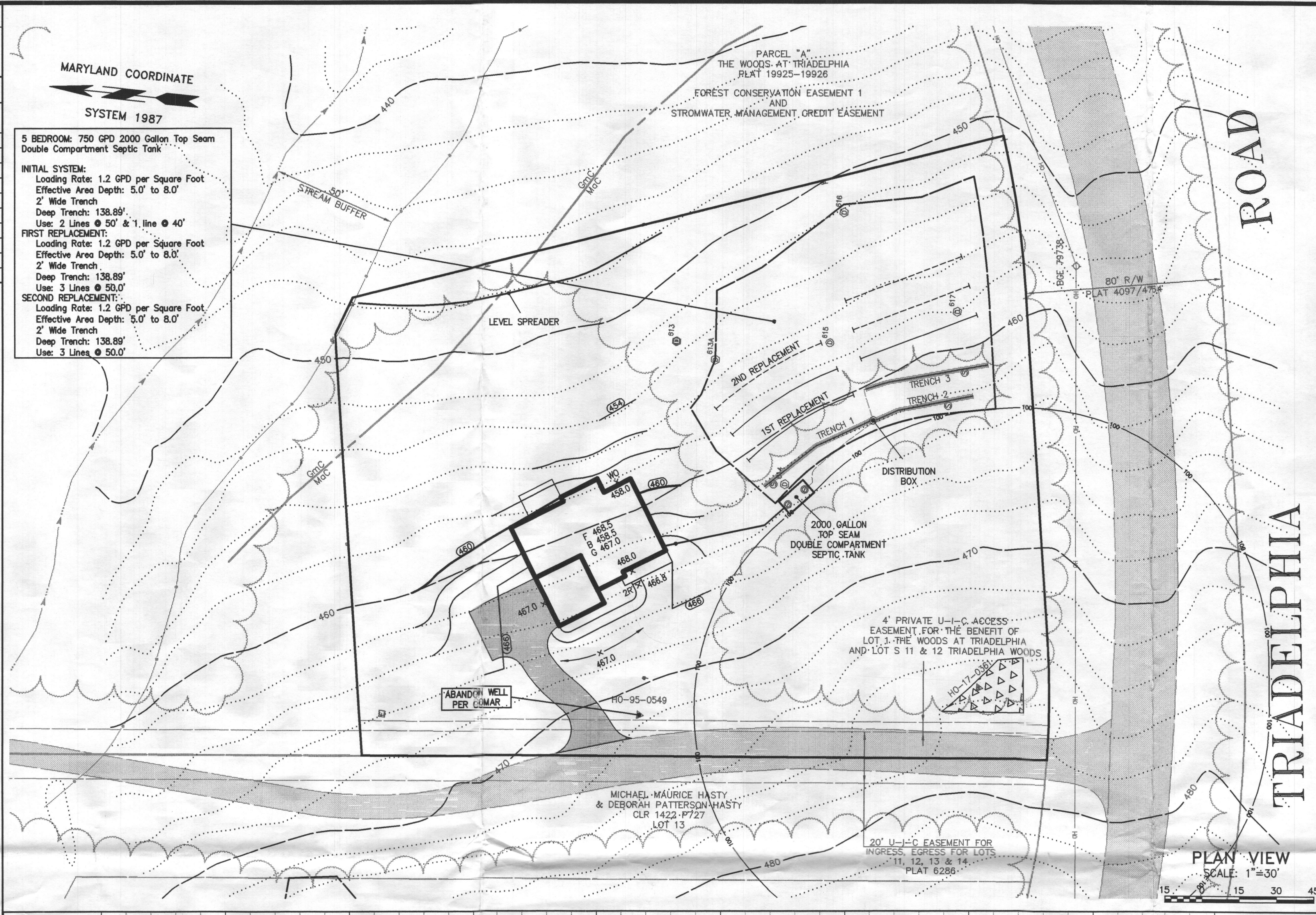
SEPTIC TEST RESULTS					
TEST ID	TEST TYPE	TEST COMMENTS	SAN	TEST DATE	
613	Ⓢ	Water @ 10.0'		2006-03-21	
613A	Ⓢ	3m @ 3.5', excavated to 13.0'	sf	2006-03-21	
614	Ⓢ	2m @ 5.5', excavated to 13.0'	sf	2006-03-21	
615	Ⓢ	excavated to 13.0'	sf	2006-03-21	
616	Ⓢ	2m @ 6.0', excavated to 13.0'	sf	2006-03-21	
617	Ⓢ	3m @ 6.0', excavated to 13.0'	sf	2006-03-21	



BABYLON VAULT
2000 GALLON SEPTIC TANK
Not To Scale



INVERT CHART FOR TRENCHES						
TRENCH NUMBER	BEGINNING EX GRD EL	BEGINNING INV	BEGINNING TRENCH BOT	END EX GRD EL	END INV	END TRENCH BOT
1	461.74	456.74	453.74	461.67	456.57	453.57
2	461.74	456.74	453.74	462.00	456.60	453.60
3	460.43	456.21	453.21	460.79	456.05	453.05



GENERAL NOTES

- Current Title Reference: Owner: Stephen W. Weinman and Laurie J. Driver County Land Record 18313 Page 443 Grantor: Cary Cumberland Subject Property Zoned: RR-DEO. Total area of property: 59,871 sq.ft.
- Septic easement subject to Howard County Health Department review.
- Contractor/Builder to verify elevation in the field before beginning any construction.
- The topography shown hereon was taken from data by Howard County and based on Bare Earth LIDAR Data U.S. Feet supplemented with field run data by DRS & Associates and is verified to accurately represent the relative changes on the subject property by DRS & Associates.
- No wetlands currently exist on the property.
- "This area designates a private sewage area as required by the Maryland Department of the Environment for individual sewage disposal. For lots created prior to March of 1972 it provides at least enough area to accommodate an initial on two replacement septic systems as required by the Howard County Health Department. Improvements of any nature in this area are restricted until public sewerage is available. This area shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage area. Recordation of a modified sewage area shall not be necessary."
- Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
- "The existing well shown on this plan identified with the attached well tag number "HO-17-0361" has been field located by DRS & Associates professional land surveyor and is accurately shown."
- Any change to the locations or depths to any components must be approved by the engineer and the Howard County Health Department prior to installation. A revised site plan may be required.
- The maximum earth cover over the tank is 3 feet. Greater earth cover will require a heavy load bearing tank.
- All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.

Approved Septic System Plan
Howard County Health Department
Signature: [Signature] Date: 12/18/2018

LEGEND			
Existing	Proposed	Existing	Proposed
Edge of Rd Feature separation distance in feet	Edge of Rd Feature separation distance in feet	Edge of Rd Feature separation distance in feet	Edge of Rd Feature separation distance in feet
Ind. Contours Int. Contours	Ind. Contours Int. Contours	Ind. Contours Int. Contours	Ind. Contours Int. Contours
Lot Line Plot Outline Septic Area Stream Buffer	Lot Line Plot Outline Septic Area Stream Buffer	Lot Line Plot Outline Septic Area Stream Buffer	Lot Line Plot Outline Septic Area Stream Buffer
Bit. Conc. Pav.	Bit. Conc. Pav.	Bit. Conc. Pav.	Bit. Conc. Pav.
Clean Out, Sewer/Drain	Clean Out, Sewer/Drain	Clean Out, Sewer/Drain	Clean Out, Sewer/Drain
Structure	Structure	Structure	Structure
Utility Pole	Utility Pole	Utility Pole	Utility Pole
Well	Well	Well	Well

ABBREVIATIONS			
B	Basement floor elevation or Book	P	Page
CLR	County Land Record	PB	Plot Book
F	First floor elevation		
G	Garage floor elevation		

Onsite Sewage Disposal System Design Plan
THE WOODS AT TRIADELPHIA
LOT 1
12510 TRIADELPHIA ROAD HOWARD COUNTY, MARYLAND

OWNER
Stephen W. Weinman
& Laurie J. Driver
840 Oella Avenue #418
Ellicott City MD 21043

MAP 22 BLOCK 5 PARCEL 582 LOT 1
Account Number 310248
3RD ELECTION DISTRICT
ZONED RR-DEO COUNTY LAND RECORD 18313 PAGE 443

D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-848-8818

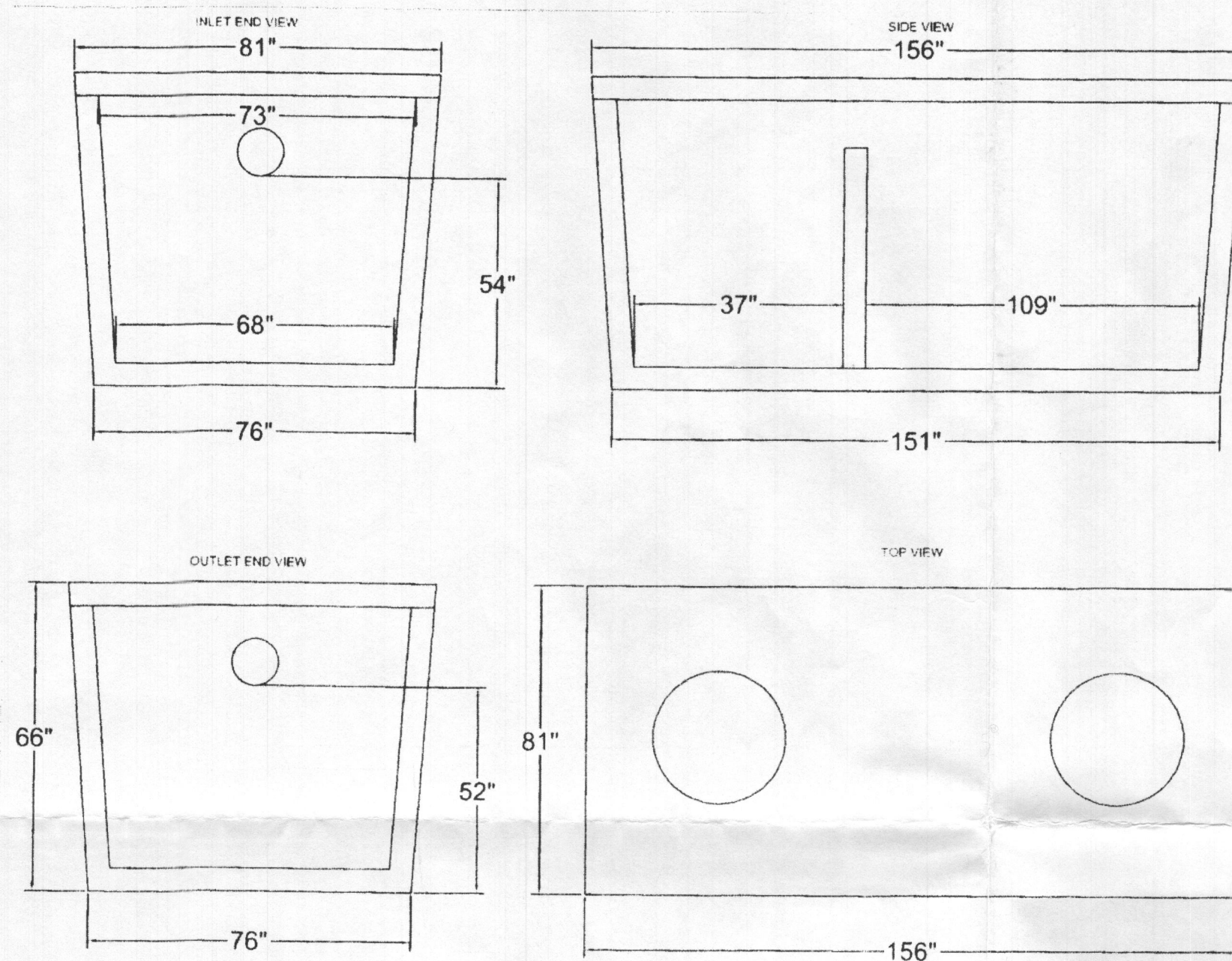
REV. NO.	DATE	BY	DESCRIPTION	DATE: 2018-12-17

SCALE: 1"=30'
SHT. NO. : 1 OF 2
DWG.: WS01-01

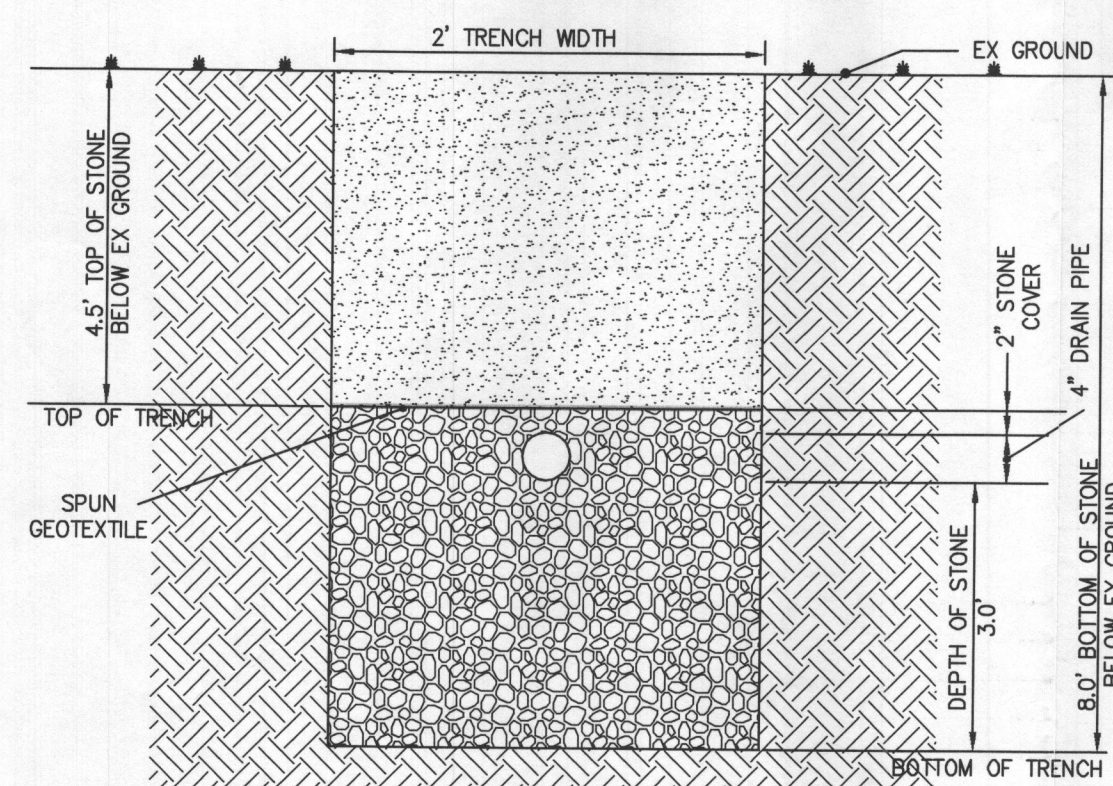
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I:\CAD\03371\B7372WS01-01.DWG, Map, 2018-12-21 07:38:59 am, ebp

☒ Approved Deep Trench Perc ☐ Failed Deep Trench Perc
☐ Approved Deep Trench Observation Hole ☐ Failed Deep Trench Observation Hole

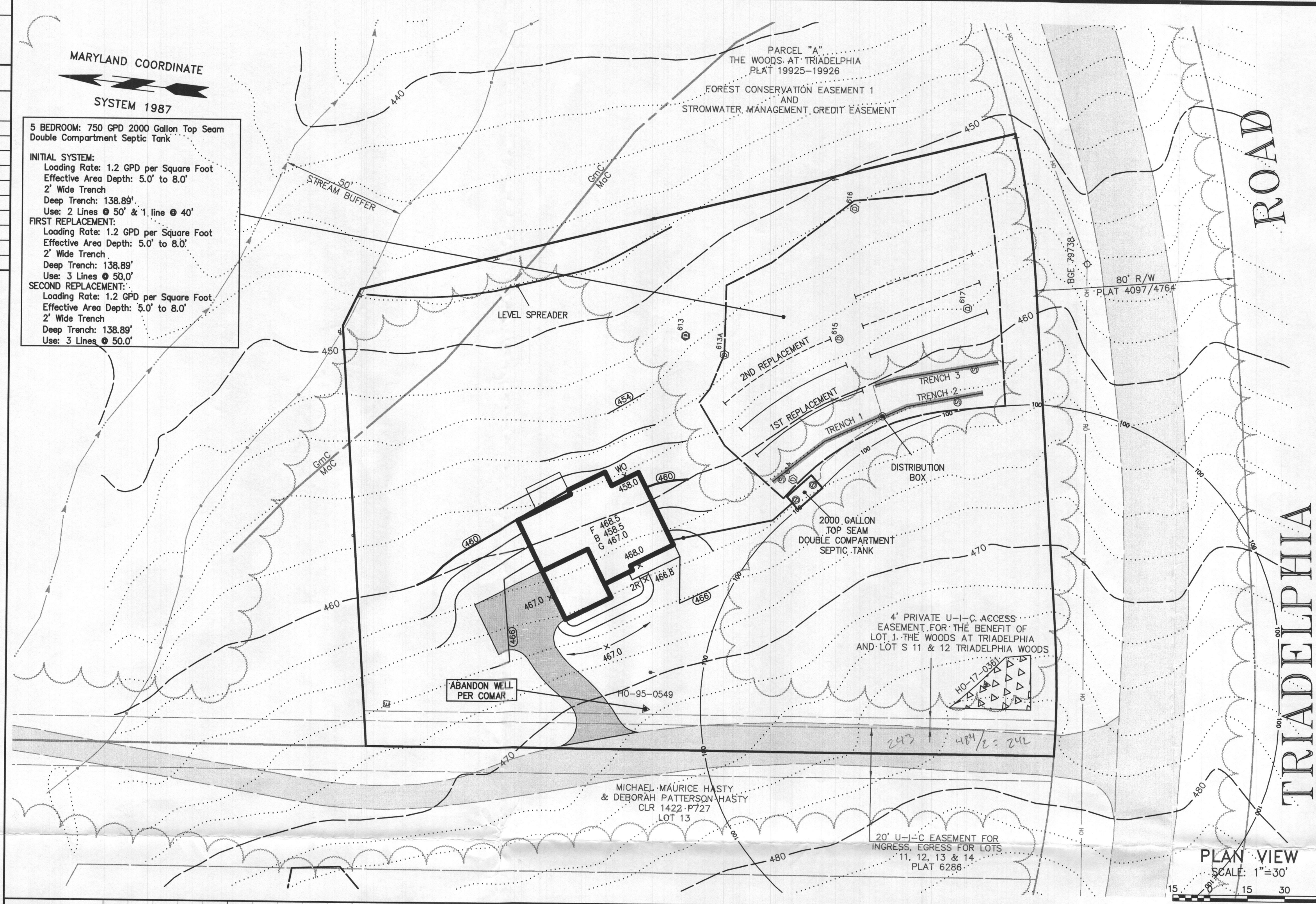
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BABYLON VAULT
2000 GALLON SEPTIC TANK
Not To Scale

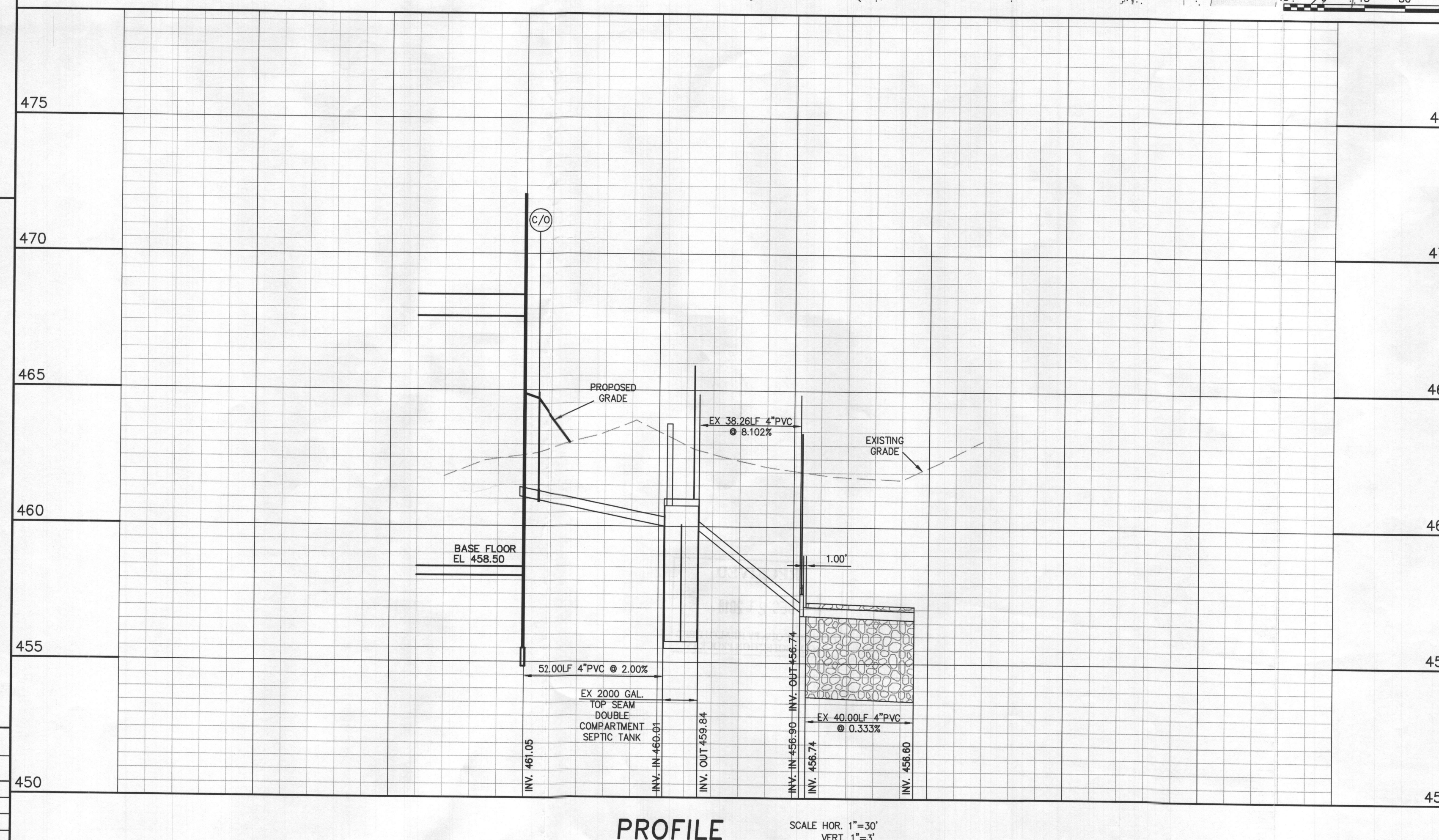


SEPTIC TRENCH DETAIL NOT TO SCALE
INITIAL SYSTEM

INVERT CHART FOR TRENCHES						
TRENCH NUMBER	BEGINNING EX. GRD. EL.	BEGINNING INV.	BEGINNING TRENCH BOT.	END EX. GRD. EL.	END INV.	END TRENCH BOT.
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3	460.43	456.21	453.21	460.79	456.05	453.05

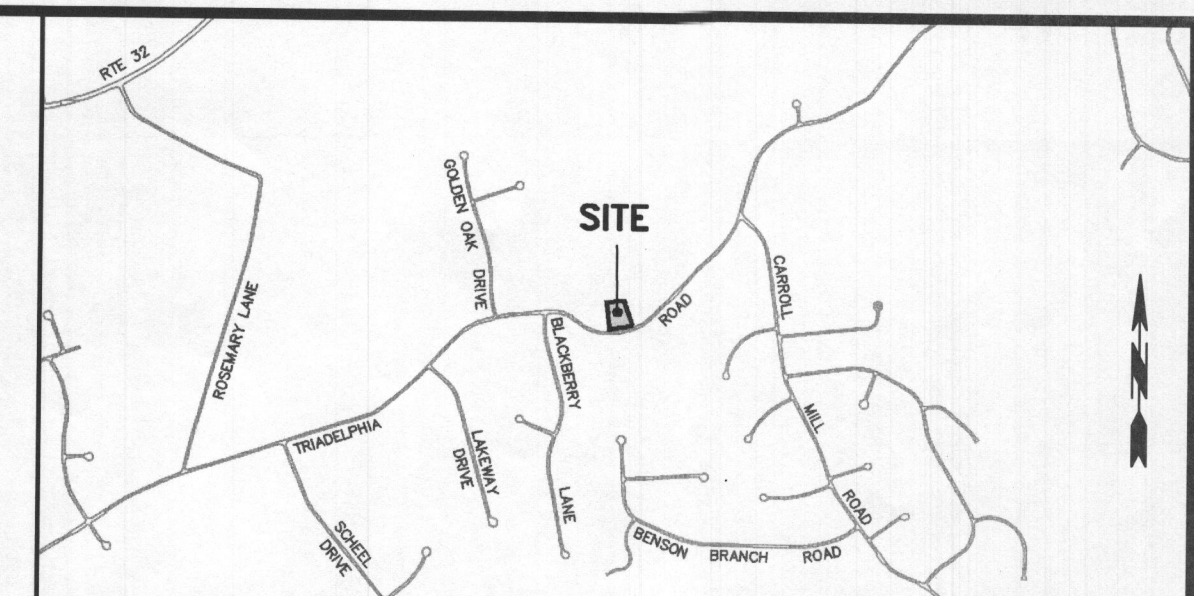


PLAN VIEW
SCALE: 1"=30'



PROFILE

SCALE HOR. 1"=30'
VERT. 1"=3'



VICINITY MAP SCALE: 1"=2000'

GENERAL NOTES

1. Current Title Reference:
Owner: Stephen W. Weinman and Laurie J. Driver
County Land Record 18313 Page 443
Grantor: Cary Cumberland
2. Subject Property Zoned: RR-DEO.
3. Total area of property: 59.871 sq.ft.
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9. Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
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13. All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.

Approved Septic System Plan
Howard County Health Department
Pat J. [Signature] 12/28/2018
Signature Date

LEGEND

<p>Existing</p> <p>Edge of Rd Feature separation distance in feet</p> <p>Ind. Contours Int. Contours</p> <p>Lot Line</p> <p>Plot Outline</p> <p>Septic Area</p> <p>Stream Buffer</p> <p>Bit. Conc. Pav.</p>	<p>Proposed</p> <p>Edge of Rd Feature separation distance in feet</p> <p>Ind. Contours Int. Contours</p> <p>Lot Line</p> <p>Plot Outline</p> <p>Septic Area</p> <p>Stream Buffer</p> <p>Bit. Conc. Pav.</p> <p>Well Area</p>
--	---

Existing Proposed

<p>Clean Out, Sewer/Drain</p>	<p>Structure</p> <p>Utility Pole</p> <p>Utility Pole w/Guy Wire</p> <p>Well</p>
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Existing Proposed

ABBREVIATIONS

B	Basement floor elevation or Book	P	Page
CLR	County Land Record	PB	Plat Book
F	First floor elevation		

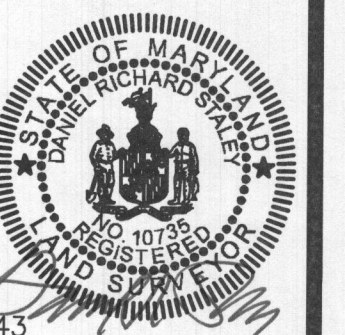
Onsite Sewage Disposal System Design Plan
THE WOODS AT TRIADELPHIA
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12510 TRIADELPHIA ROAD HOWARD COUNTY, MARYLAND

OWNER

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MAP 22 BLOCK 5 PARCEL 582 LOT 1
Account Number 310248
3RD ELECTION DISTRICT
ED RR-DEO COUNTY LAND RECORD 18313 PA



D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS

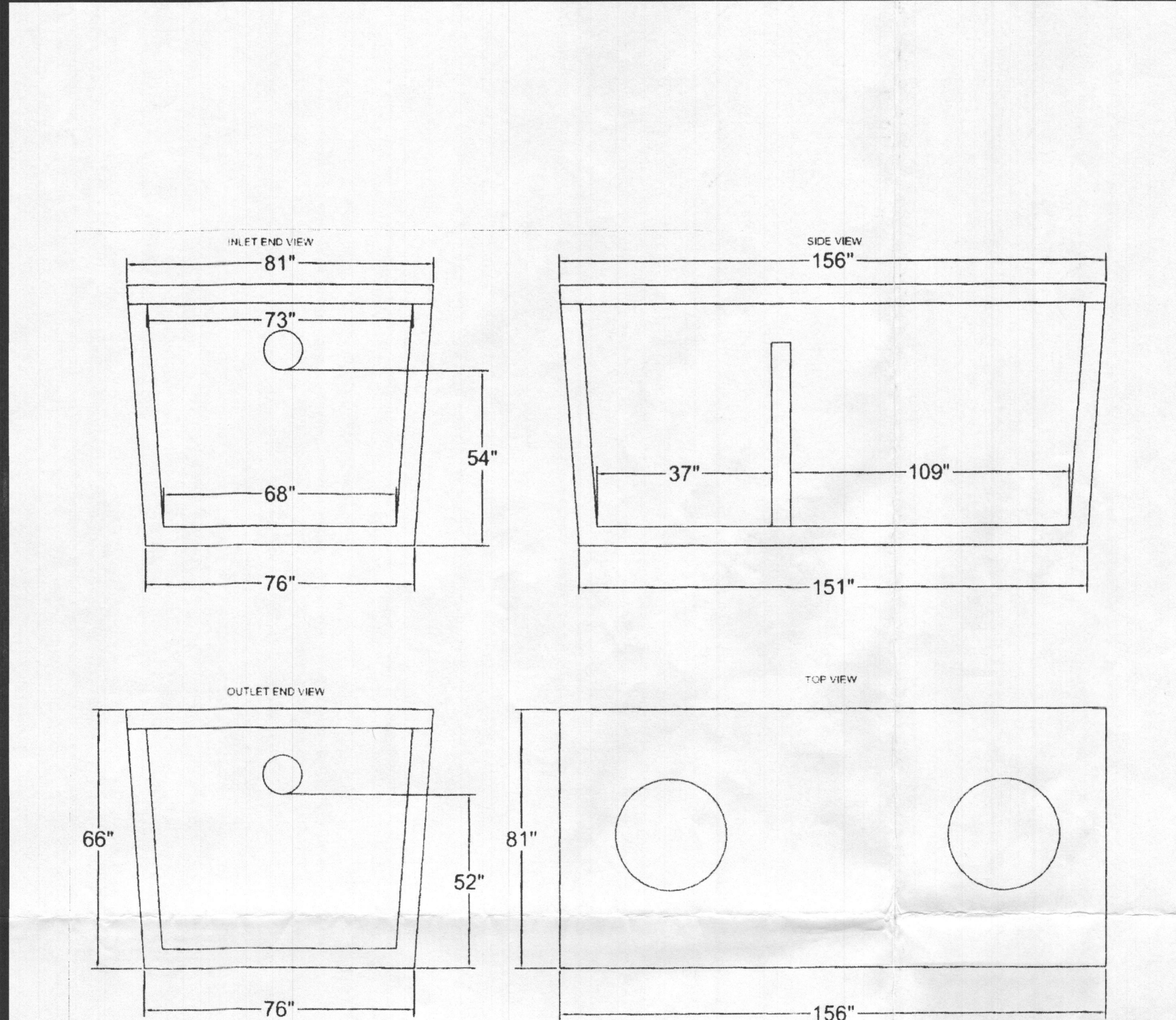
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
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REV.NO.	DATE	BY	DESCRIPTION	DATE: 2018-12-17
				SCALE: 1"=30'
				SHT.NO. :1 OF 2
				DWG.: WS01-01

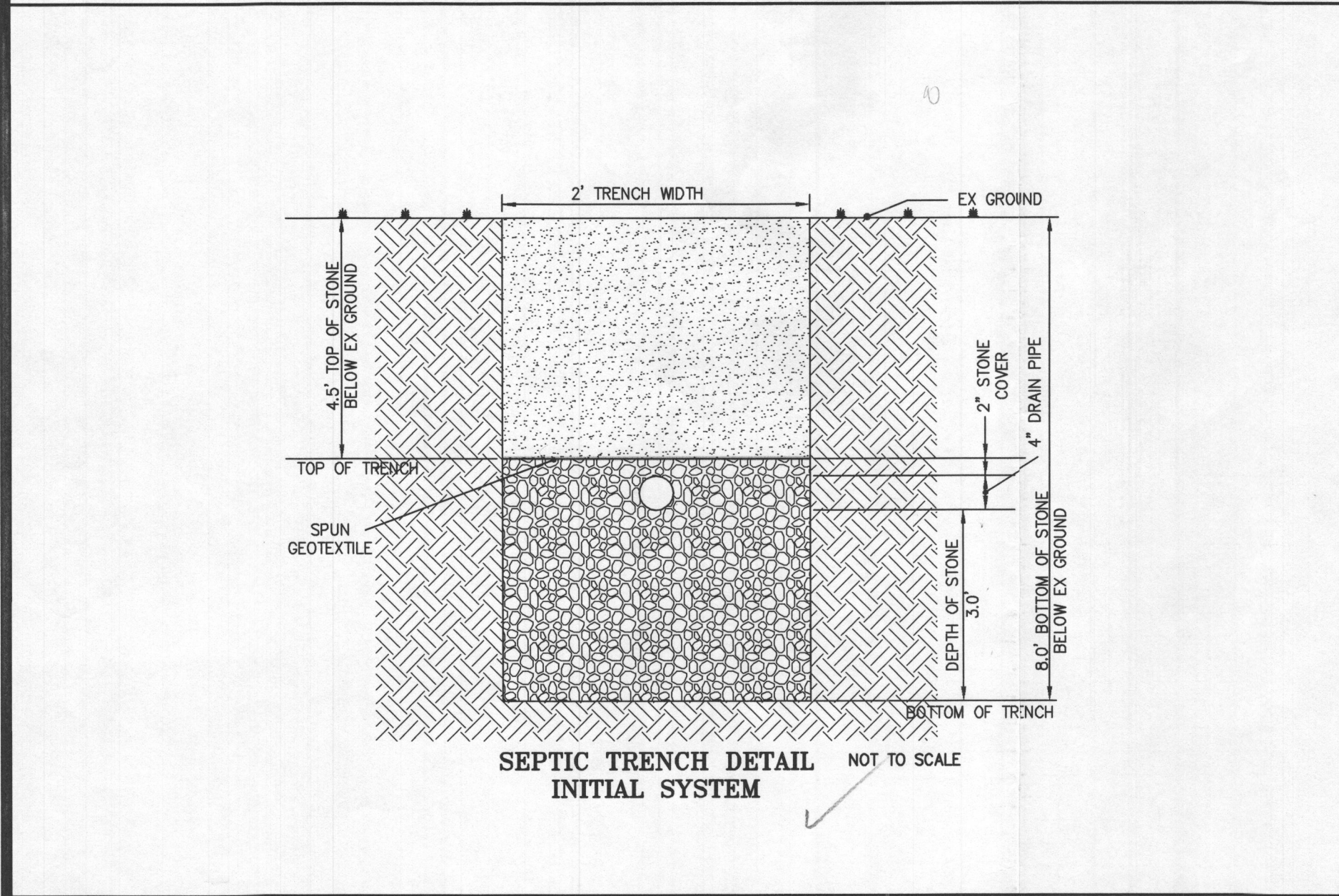
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SEPTIC TEST LEGEND					
Ⓔ	Approved Deep Trench Perc	Ⓔ	Failed Deep Trench Perc		
Ⓔ	Approved Deep Trench Observation Hole	Ⓔ	Failed Deep Trench Observation Hole		

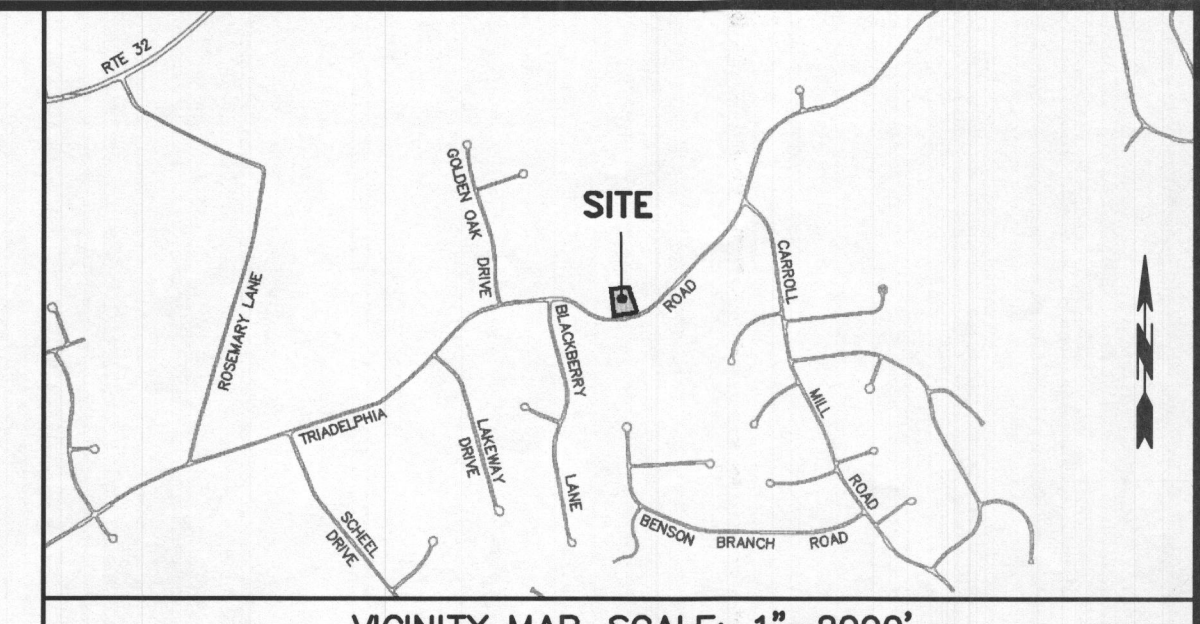
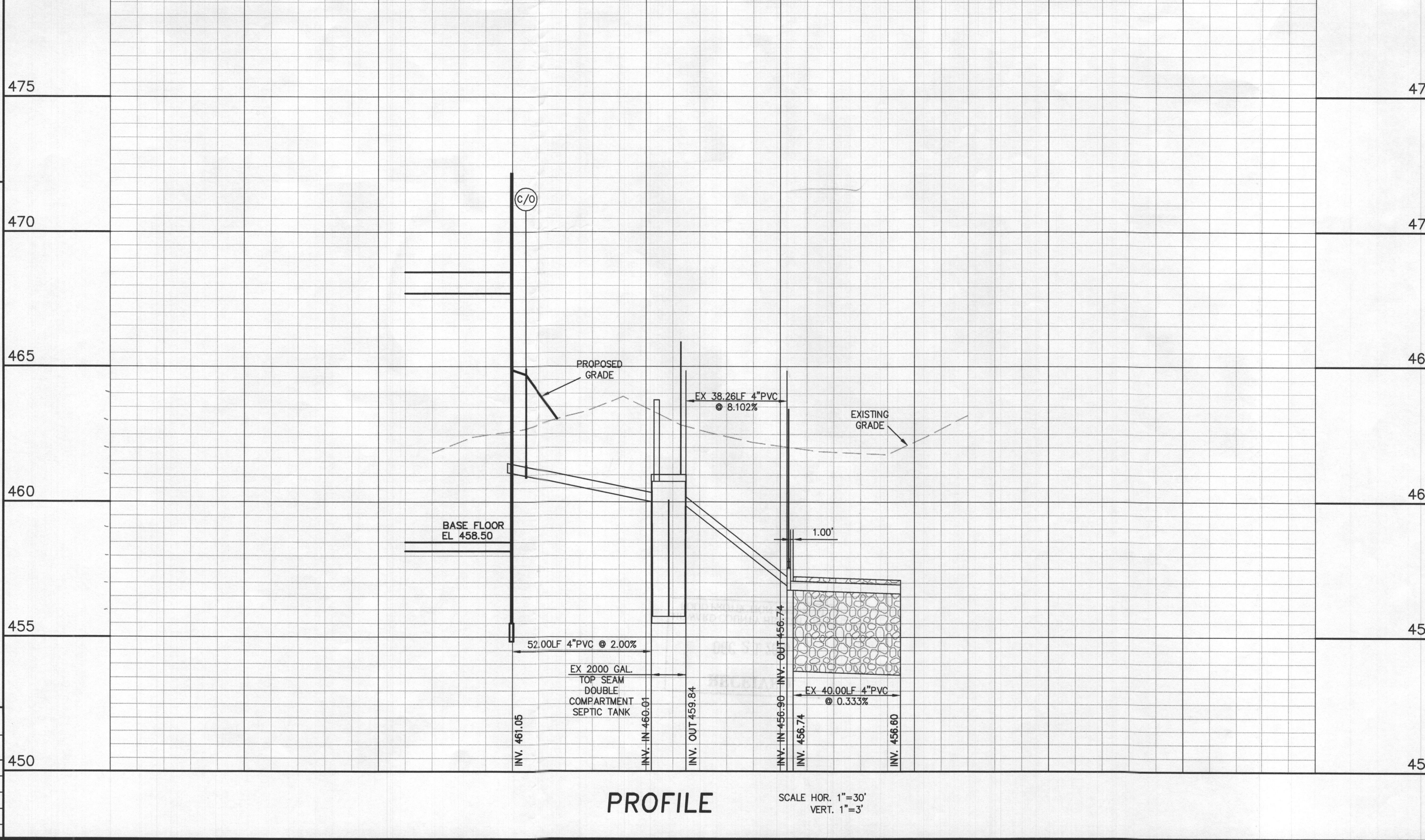
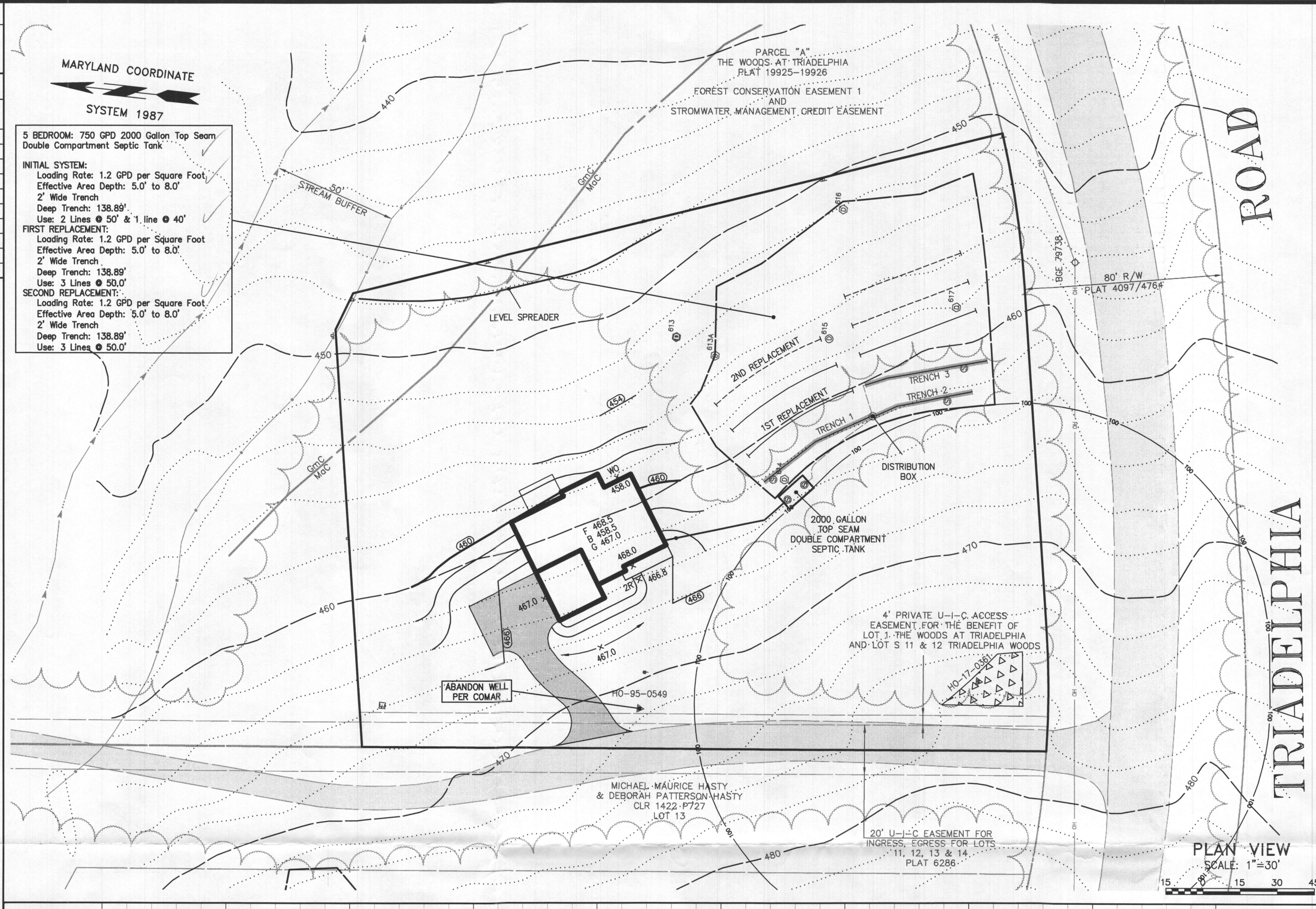
SEPTIC TEST RESULTS					
TEST ID	TEST TYPE	TEST COMMENTS	SAN	TEST DATE	
613	Ⓔ	Water @ 10.0'	sf	2006-03-21	
613A	Ⓔ	3m @ 3.5', excavated to 13.0'	sf	2006-03-21	
614	Ⓔ	2m @ 5.5', excavated to 13.0'	sf	2006-03-21	
615	Ⓔ	excavated to 13.0'	sf	2006-03-21	
616	Ⓔ	2m @ 6.0', excavated to 13.0'	sf	2006-03-21	
617	Ⓔ	3m @ 6.0', excavated to 13.0'	sf	2006-03-21	



BABYLON VAULT
2000 GALLON SEPTIC TANK
Not To Scale



INVERT CHART FOR TRENCHES						
TRENCH NUMBER	BEGINNING EX GRD EL	BEGINNING INV	BEGINNING TRENCH BOT	END EX GRD EL	END INV	END TRENCH BOT
1	461.74	456.74	453.74	461.67	456.57	453.57
2	461.74	456.74	453.74	462.00	456.60	453.60
3	460.43	456.21	453.21	460.79	456.05	453.05



GENERAL NOTES

- Current Title Reference:
Owner: Stephen W. Weinman and Laurie J. Driver
County Land Record 18313 Page 443
Grantor: Cary Cumberland
- Subject Property Zoned: RR-DEO.
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- Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
- The existing well shown on this plan identified with the attached well tag number "HO-17-0361" has been field located by DRS & Associates Professional and surveyor and is accurately shown.
- Any change to the locations or depths to any components must be approved by the engineer and the Howard County Health Department prior to installation. A revised site plan may be required.
- The maximum earth cover over the tank is 3 feet. Greater earth cover will require a heavy load bearing tank.
- All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.

Approved Septic System Plan
Howard County Health Department
Signature: *Michael Maurice Hasty* Date: 12/28/2018

LEGEND		
Existing	Proposed	
Edge of Rd Feature separation distance in feet	Edge of Rd Feature separation distance in feet	
Ind. Contours Int. Contours	Ind. Contours Int. Contours	
Lot Line Plat Outline Septic Area Stream Buffer Bit. Conc. Pav.	Lot Line Plat Outline Septic Area Stream Buffer Bit. Conc. Pav.	
Clean Out, Sewer/Drain	Structure Utility Pole Utility Pole w/Guy Wire Well	

ABBREVIATIONS			
B	Basement floor elevation or Book	P	Page
CLR	County Land Record	PB	Plat Book
F	First floor elevation		
G	Garage floor elevation		

Onsite Sewage Disposal System Design Plan
THE WOODS AT TRIADELPHIA
LOT 1
12510 TRIADELPHIA ROAD HOWARD COUNTY, MARYLAND

OWNER
Stephen W. Weinman
& Laurie J. Driver
840 Oella Avenue #418
Ellicott City MD 21043

MAP 22 BLOCK 5 PARCEL 582 LOT 1
Account Number 310248
3RD ELECTION DISTRICT
ZONED RR-DEO COUNTY LAND RECORD 18313 PAGE 443

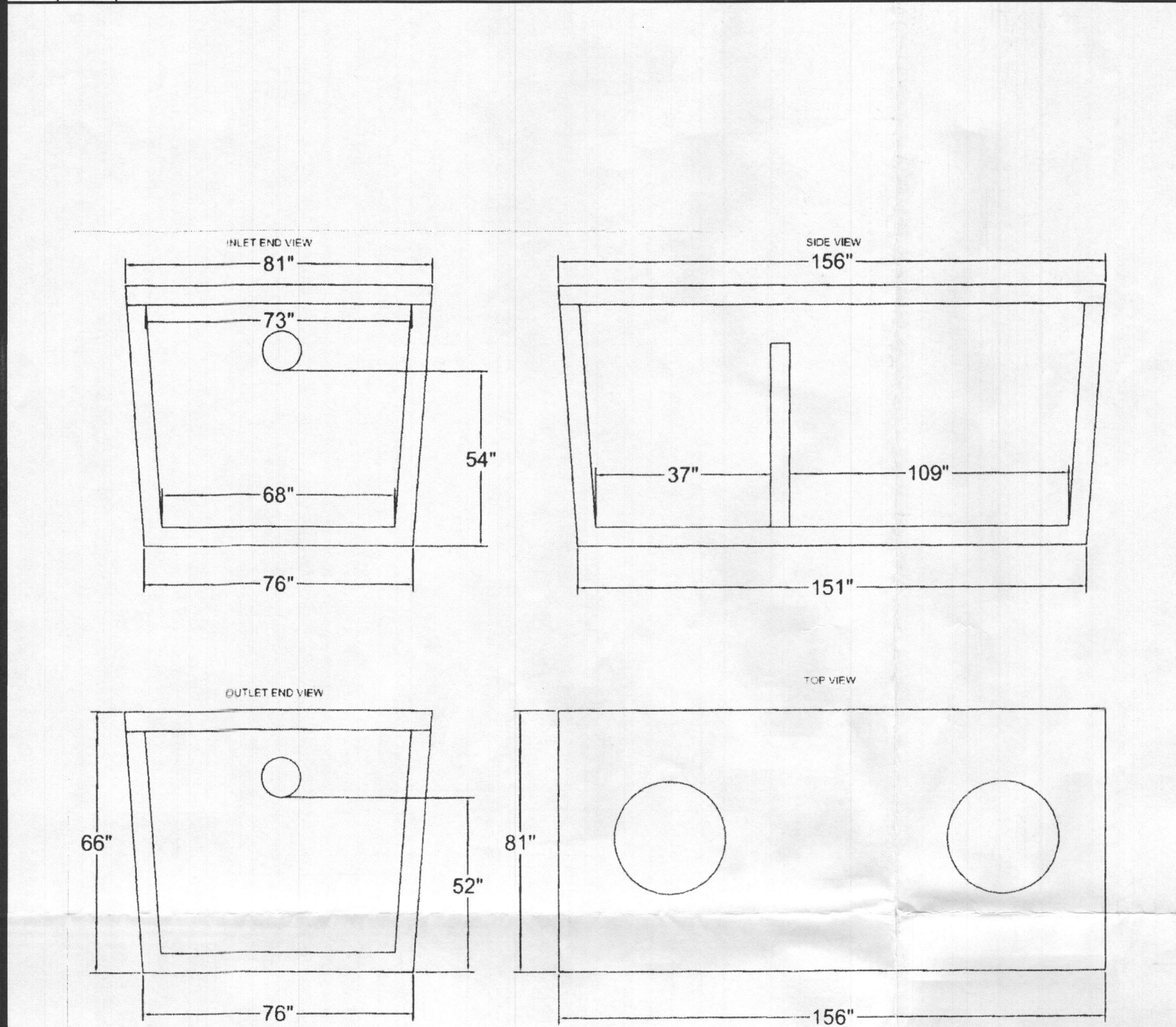
D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-848-8818

REV.No.	DATE	BY	DESCRIPTION	DATE: 2018-12-17
				SCALE: 1"=30'
				SHT.NO. :1 OF 2
				DWG.: WS01-01

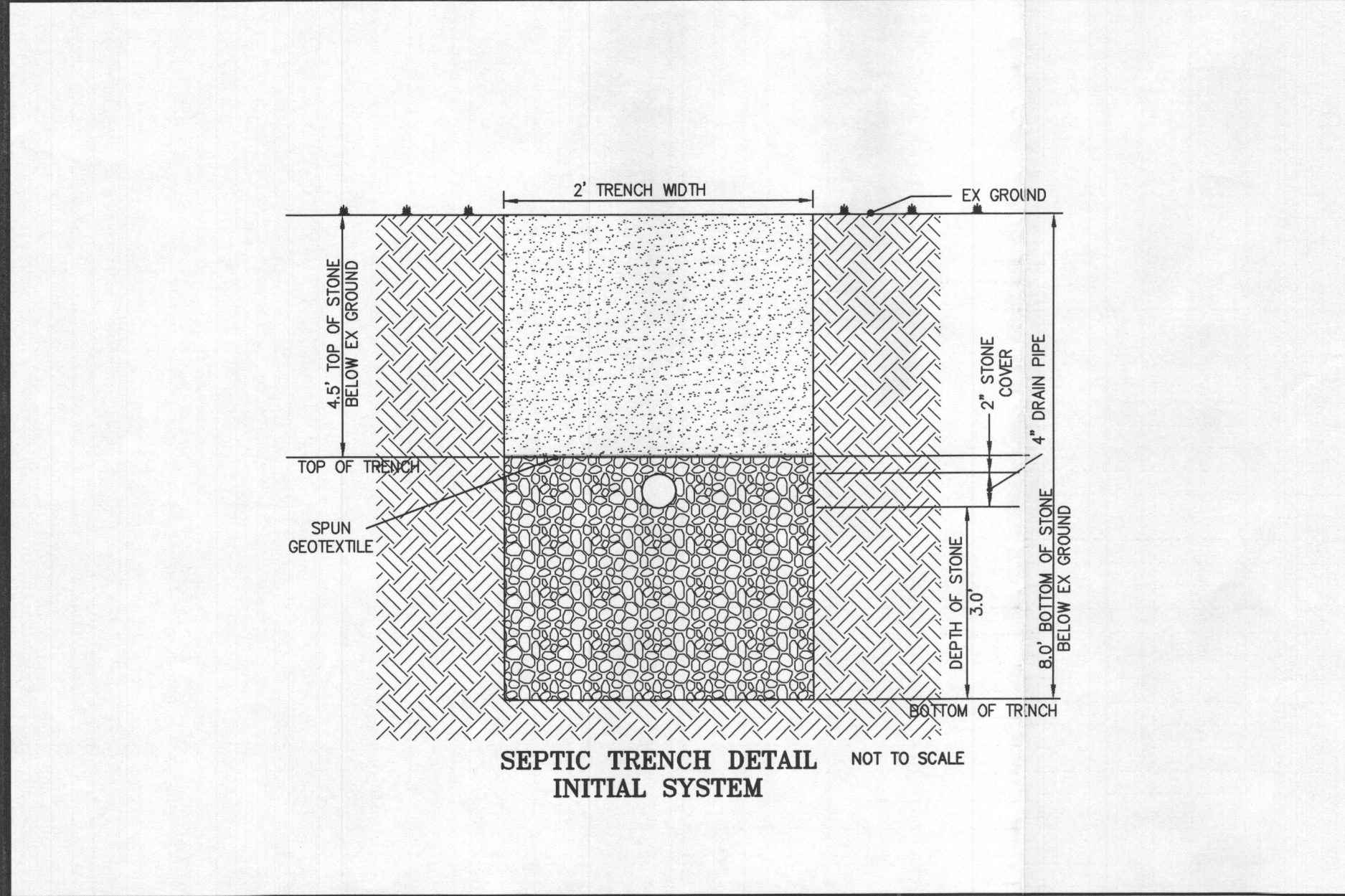
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SEPTIC TEST LEGEND					
Ⓢ	Approved Deep Trench Perc	Ⓢ	Failed Deep Trench Perc		
Ⓢ	Approved Deep Trench Observation Hole	Ⓢ	Failed Deep Trench Observation Hole		

SEPTIC TEST RESULTS					
TEST ID	TEST TYPE	TEST COMMENTS	SAN	TEST DATE	
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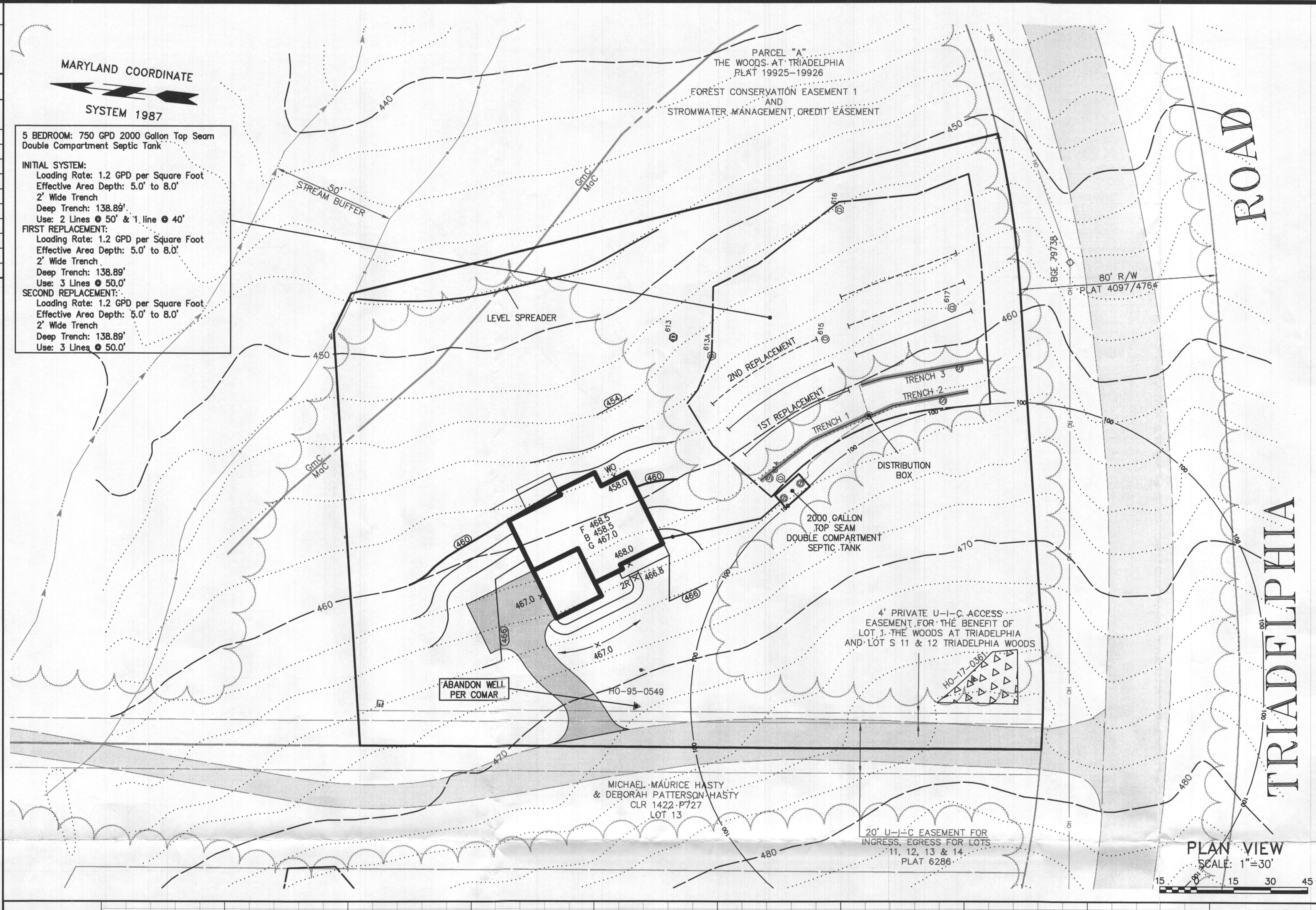


BABYLON VAULT
2000 GALLON SEPTIC TANK
Not To Scale

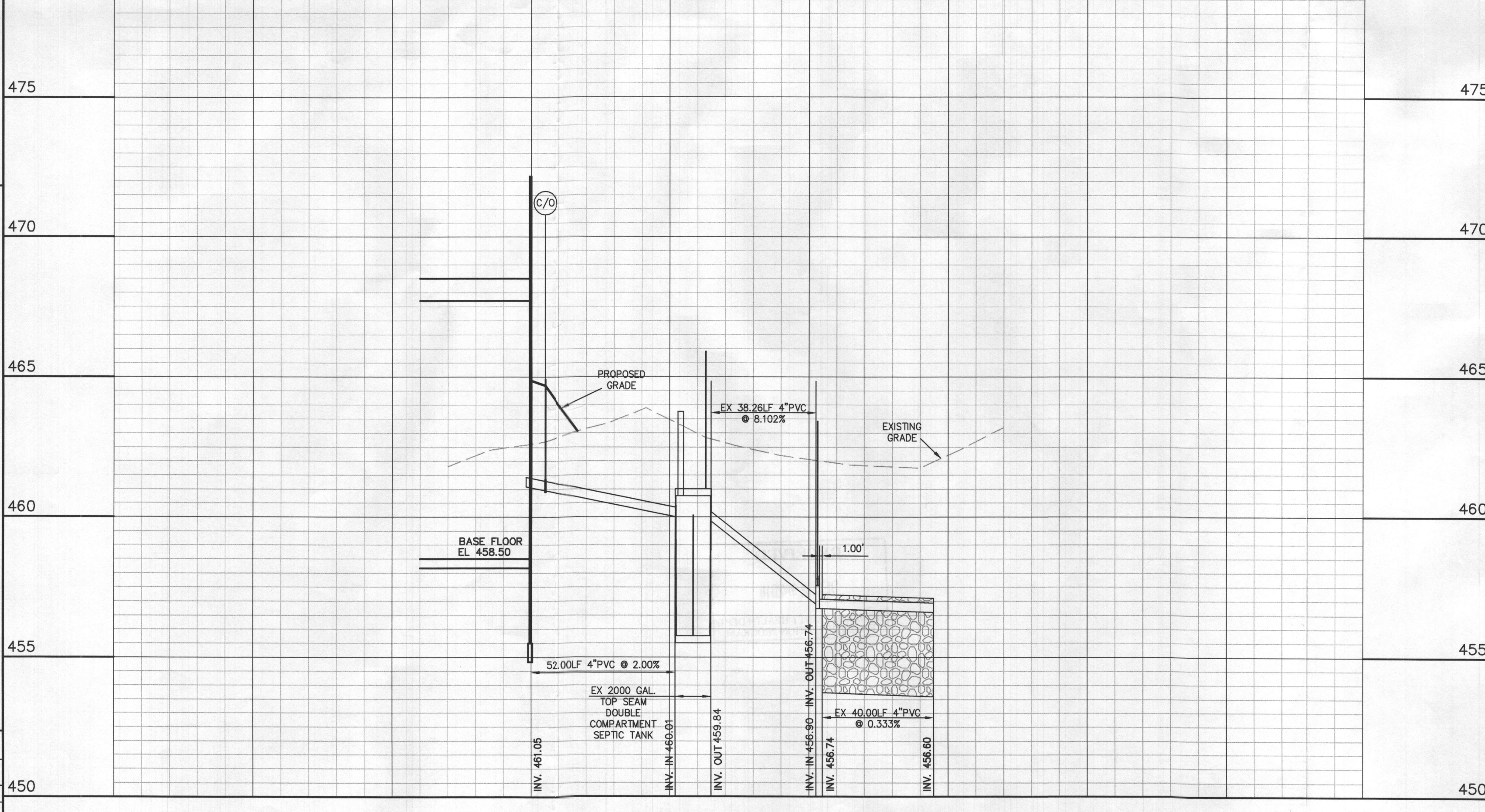


SEPTIC TRENCH DETAIL
INITIAL SYSTEM
NOT TO SCALE

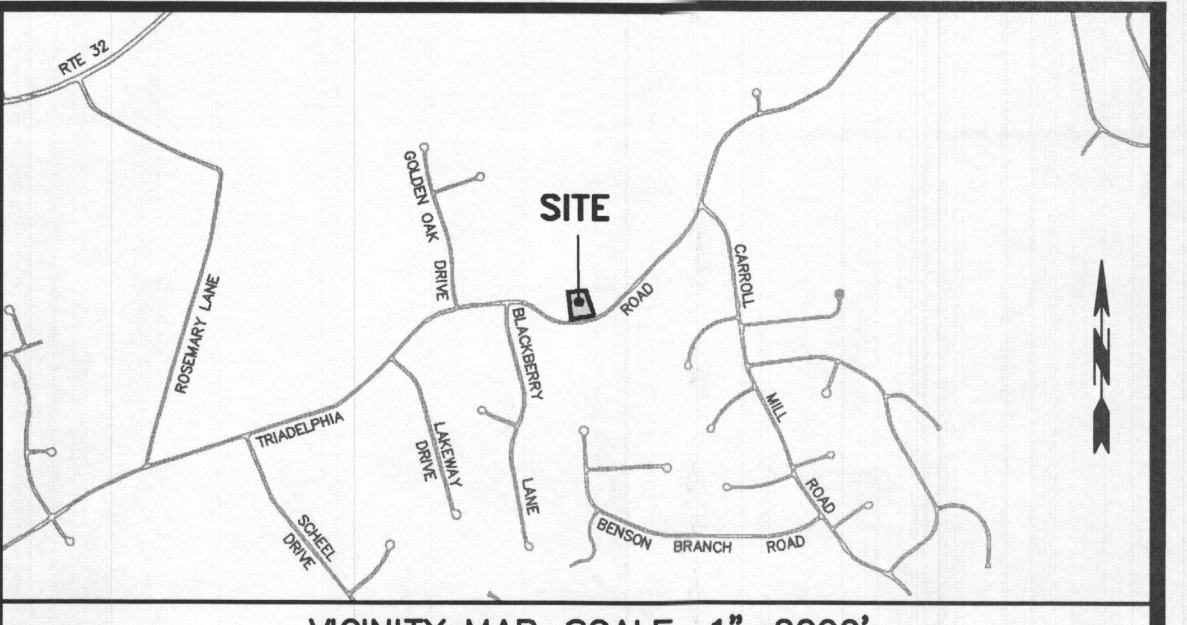
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PLAN VIEW
SCALE: 1"=30'



PROFILE
SCALE HOR. 1"=30'
VERT. 1"=3'



VICINITY MAP SCALE: 1"=2000'

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Approved Septic System Plan
Howard County Health Department
Signature 12/28/2018
Signature Date

LEGEND		
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REV. NO.	DATE	BY	DESCRIPTION	DATE: 2018-12-17
				SCALE: 1"=30'
				SHT. NO. 1 OF 2
				DWG: WS01-01

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Howard County
Health Department

Bureau of Environmental Health Septic System
8930 Stanford Boulevard, Columbia, MD 21045 already
Main: 410-313-2640 | Fax: 410-313-2648 installed
TDD 410-313-2323 | Toll Free 1-866-313-6300 (Pre BAT Fee)
www.hchealth.org Old Permit #
Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/19/12 **ONSITE SEWAGE DISPOSAL SYSTEM**

P PS44475

APPROVAL DATE: _____ **PERMIT: CONSTRUCTION**

A _____

PROPERTY ADDRESS: 12510 Triadelphia Road Ellicott City, MD 21042

SUBDIVISION: The Woods At Triadelphia

LOT: 1

TAX ID:

1403310248

CONTRACTOR:

EMAIL:

CONTRACTOR ADDRESS:

PHONE:

PROPERTY OWNER: Stephan W Weiman & Laurie J Driver

EMAIL:

OWNER ADDRESS: 840 Oella Avenue #418 Ellicott City MD 21043

PHONE:

SEPTIC TANK SIZE (GALLONS): 2000

TANK MANUFACTURER:

Babylone

PUMP MODEL: N/A

PUMP SIZE

N/A

PUMP TANK CAPACITY:

N/A

DISTRIBUTION SYSTEM: ☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS: 5

APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>140</u>	INLET DEPTH: <u>5</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	D-box and front end of trenches must be exposed to have water test performed to ensure equal distribution. Septic tank needs a water tight test.	

ISSUED BY: Robert Freemon

ISSUE DATE:

EXPIRATION DATE:

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

☐ ELECTRICAL PERMIT ISSUED

E _____

NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

SEPTIC SPECIFICATIONS WORKSHEET

Subdivision The Woods @ Triadelphia A
 Street Name 12510 Triadelphia Rd Lot Number 1
 Average Percolation Rate (min./in.) 3 min./inch Application Rate (GPD/sq. ft.) 1.2
 Number of Bedrooms 5 Design Flow (#BRx150) = 750
 Square Footage (of House) Septic Tank Capacity (gal.) 2,000
 Sidewall Credit / % Reduction 2 feet 57% Total Length of Trench (ft.) 178'

***All Septic/Pump tanks must be top seamed unless otherwise approved by this agency.**

***All Septic tanks must be compartmented unless otherwise approved by this agency.**

Baffle Filter Required?

Yes ☐ No ☒

$$750 \div 2 \div 1.2 = 312 \times .57$$

TRENCH DIMENSIONS: Trench to 2 feet wide. Inlet is at 4 feet below original grade with 4 feet of stone below the distribution pipe. Bottom maximum depth is 8 feet below original grade. Effective sidewall begins at 6 feet below original grade. Maintain at least 9 feet spacing between trenches.

PUMP SYSTEM PROPOSED? YES ☐ NO ☒

Pump system details: gallon pump chamber

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test required prior to Health Department approval of pumped septic system.

LOCATION:

1. Set septic tank per plan.
2. Set distribution box per plan.
3. Install equal length trenches on contour
4. System and septic tank must be at least 20' from the proposed house

ADDITIONAL NOTES **Do not** order the septic tank until after layout inspection and Sanitarian approval. Stake

septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for

Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance

request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

Reviewed by: HS

Date: 12/12/13