



Building Permit Application
Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: _____

Building Address: 14939 Victory Lane
City: Glenelg State: MD Zip Code: 21737
Suite/Apt. # _____ SDP/WP/BA #: _____
Census Tract: _____ Subdivision: Meriwether Farm
Section: _____ Area: _____ Lot: 49
Tax Map: 0021 Parcel: 0028 Grid: 0016
Zoning: _____ Map Coordinates: _____ Lot Size: 1.1280 acres

Existing Use: Yard
Proposed Use: Swimming Pool 35'-9"x50' w/attached spa
Estimated Construction Cost: \$ 100,000.00
Description of Work: Install Concrete Swimming Pool & Spa Per Plans

Occupant or Tenant: Steve Casey
Was tenant space previously occupied? ☐ Yes ☒ No
Contact Name: Steve Casey
Address: 14939 Victory Lane
City: Glenelg State: MD Zip Code: 21737
Phone: 301-977-0374 Fax: _____
Email: scasey@caseyconstruction.com

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1 st floor:
	2 nd floor:
Area of construction (sq. ft.):	Basement:
	<input type="checkbox"/> Finished Basement
Use group:	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:
<input type="checkbox"/> Structural Steel	Multi-family Dwelling
<input type="checkbox"/> Masonry	No. of efficiency units:
<input type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
➤ Roadside Tree Project Permit	Footings:
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof:
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Property Owner's Name: Steve Casey
Address: 14939 Victory Lane
City: Glenelg State: MD Zip Code: 21737
Phone: 301-977-0374 Fax: _____
Email: scasey@caseyconstruction.com

Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: Grant Rewega / Terra Nova Landscapes
Address: P.O. Box 398
City: Damascus State: MD Zip Code: 20872
Phone: 240-876-2837 Fax: 301-685-6409
Email: GRANT@TERRANOVALANDSCAPES.COM

Contractor Company: TERRA NOVA LANDSCAPES
Contact Person: GRANT REWEGA
Address: 8725 DAMASCUS ROAD
City: DAMASCUS State: MD Zip Code: 20872
License No. : 124237
Phone: 240-876-2837 Fax: 301-685-6409
Email: GRANT@TERRANOVALANDSCAPES.COM

Engineer/Architect Company: STRUCTURAL ENGINEERING RESOURCES
Responsible Design Prof.: Jeff Ben Fertich
Address: 26 N. Fourth Street
City: Gettysburg State: PA Zip Code: 17325
Phone: 717-337-1335 Fax: _____
Email: Jeff@serllc.us

Utilities
Water Supply
<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Private
Sewage Disposal
<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Private
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Heating System
<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas
<input type="checkbox"/> Other:
Sprinkler System:
<input type="checkbox"/> Yes <input type="checkbox"/> No
Grading Permit Number:
Building Shell Permit Number:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature

Print Name

Email Address

Date

Title/Company

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	4/15/15	Bernard

Is Sediment Control approval required for issuance? ☐ Yes ☐ No
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

Distribution of Copies:

White: Building Officials

Green: PSZA,Zoning

Yellow: PSZA,Engineering

Pink: Health

Gold: SHA



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Census Tract: _____ Subdivision: Meriwether Farm
Section: _____ Area: _____ Lot: 49
Tax Map: 0021 Parcel: 0028 Grid: 0016
Zoning: _____ Map Coordinates: _____ Lot Size: 1.1280 acres

Existing Use: Yard
Proposed Use: 30' x 20' Pool Pavilion with bathroom
Estimated Construction Cost: \$80,000.00
Description of Work: Install 30'x20' Pool Pavilion with bathroom and vent free gas fireplace per code respecting clearances to combustibles per engineered plans.

Occupant or Tenant: Steve Casey
Was tenant space previously occupied? ☐ Yes ☒ No
Contact Name: Steve Casey
Address: 14939 Victory Lane
City: Glenelg State: MD Zip Code: 21737
Phone: 301-977-0374 Fax: _____
Email: scasey@caseyconstruction.com

Property Owner's Name: Steve Casey
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Address: P.O. Box 398
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Phone: 240-876-2837 Fax: 301-685-6409
Email: GRANT@TERRANOVALANDSCAPES.COM

Contractor Company: TERRA NOVA LANDSCAPES
Contact Person: GRANT REWEGA
Address: 8725 DAMASCUS ROAD
City: DAMASCUS State: MD Zip Code: 20872
License No. : 124237
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Responsible Design Prof.: Jeff Ben Fertich
Address: 26 N. Fourth Street
City: Gettysburg State: PA Zip Code: 17325
Phone: 717-337-1335 Fax: _____
Email: Jeff@serllc.us

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No. of stories:	Depth Width
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<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:
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<input type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
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	Other Structure:
	Dimensions:
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof:
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
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Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

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Grant Rewega
Applicant's Signature
GRANT@TERRANOVALANDSCAPES.COM
Email Address
Owner / Terra Nova Landscapes
Title/Company

Grant Rewega
Print Name
4/15/2015
Date

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
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Section: _____ Area: _____ Lot: 49
Tax Map: 0021 Parcel: 0028 Grid: 0016
Zoning: _____ Map Coordinates: _____ Lot Size: 1.1280 acres

Existing Use: Yard
Proposed Use: Composite Elevated Deck per engineered plans.
Estimated Construction Cost: \$ 28,000.00
Description of Work: Install 25' x 15' Main deck with landing and stairs as shown in engineered plans. Approximately 455 total sq. ft. total with stairs and landings.
Occupant or Tenant: Steve Casey
Was tenant space previously occupied? ☐ Yes ☒ No
Contact Name: Steve Casey
Address: 14939 Victory Lane
City: Glenelg State: MD Zip Code: 21737
Phone: 301-977-0374 Fax: _____
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Grant K. Rewega
Applicant's Signature
GRANT@TERRANOVALANDSCAPES.COM
Email Address
Owner Terra Nova Landscapes
Title/Company

Grant K. Rewega
Print Name
4/15/2015
Date

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	4-15-15	DBernard

Is Sediment Control approval required for issuance? ☐ Yes ☐ No
☐ CONTINGENCY CONSTRUCTION START

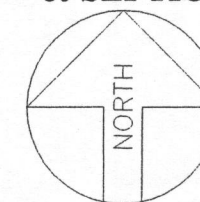
DPZ SETBACK INFORMATION
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Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
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Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

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SETBACKS:
 REAR PL. 10'
 SIDE PL. 10'
 HOUSE 0'
 SEPTIC 10'/20'
 WELL 20'

PRIVATE WELL
& SEPTIC



TERRA NOVA
 DESIGN / BUILD

P.O. Box 398
 Damascus, MD. 20872
 240-876-2837
 GRANT@TerraNovaLandscapes.com

APPROVED
WALK-THRU BUILDING PERMIT
 BP# _____ A# _____
 APP. SAN *D. Bernard* DATE: *4-15-15*
 DESC. OF WORK: *35' x 50'*
w/ attached Swimming
Pool and Spa Per Plans

POOL STATISTICS

SIZE/SHAPE: 35'-9" x 50' - CUSTOM
 POOL AREA: 1,075 SPA: 64 OTHER:
 TOTAL AREA: 1,139
 PERIMETER: 148 SPA: 29
 GALLONAGE: 47,360 DEPTH: 3'-0" TO 8'-6"

DIRECTIONS TO SITE

MAP #
00
 GRID
X0

Stephen M. Casey
 14939 Victory Lane
 Glenelg, Maryland 21737
 Howard County

HOME PHONE:
 OFFICE PHONE 1:
 CELL PHONE 1:
 CELL PHONE 2:

LOT: 5	SUBDIVISION NAME: MERIWETHER FARM	DISTRICT: 04	PIN # 593614
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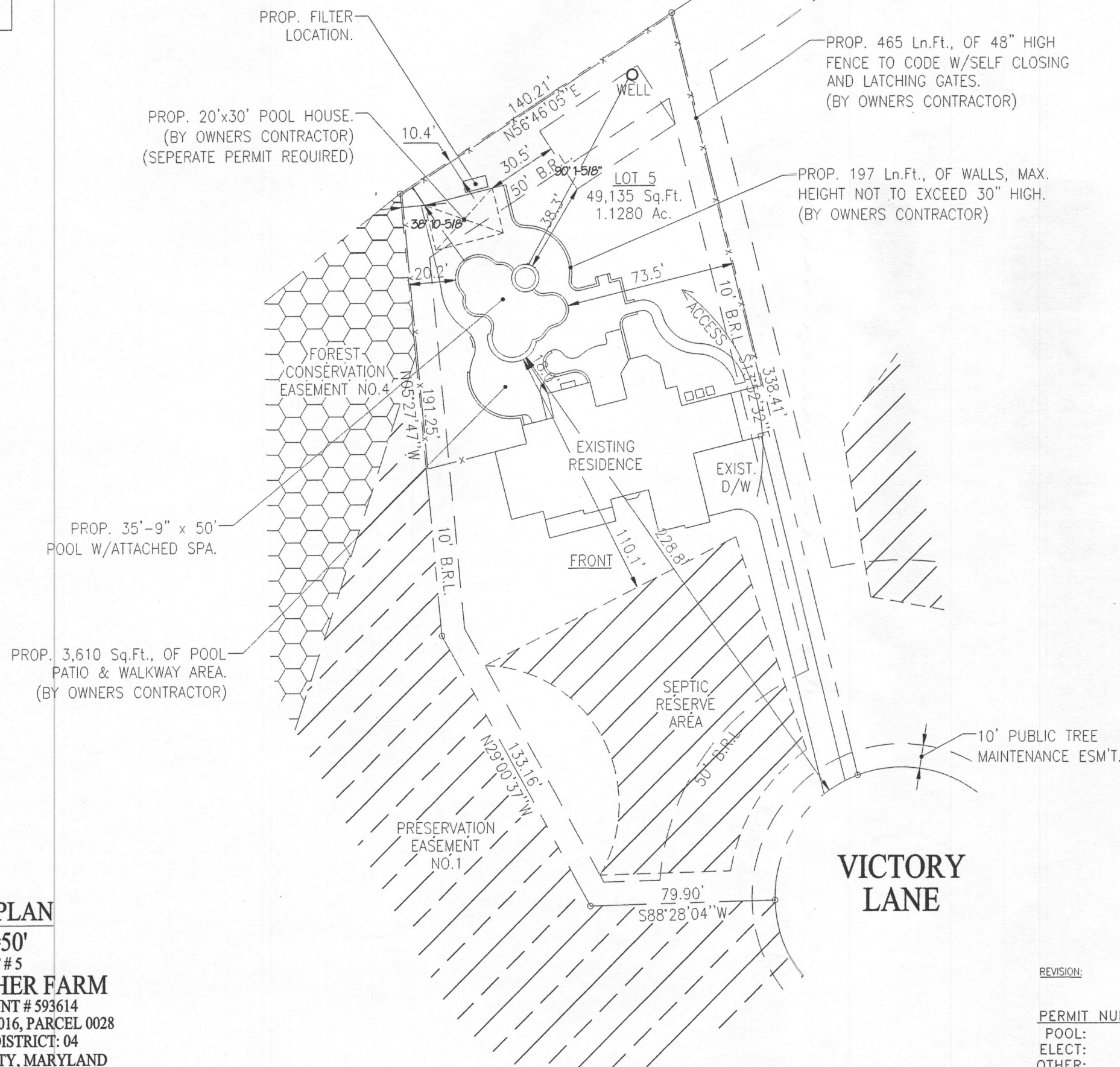
SITE PLAN	ZONE: ONE
-----------	--------------

SCALE: 1"=50'	BY: *	DATE: 03/14/15	JOB NUMBER: JC15	SHEET #: 1.0
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SITE PLAN

1"=50'
 LOT #5

MERIWETHER FARM
 TAX ACCOUNT # 593614
 MAP 0021, GRID 0016, PARCEL 0028
 ELECTION DISTRICT: 04
 HOWARD COUNTY, MARYLAND



REVISION:

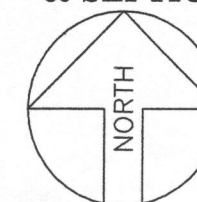
PERMIT NUMBERS
 POOL:
 ELECT:
 OTHER:

PERMIT SET

DATE: 03-14-15

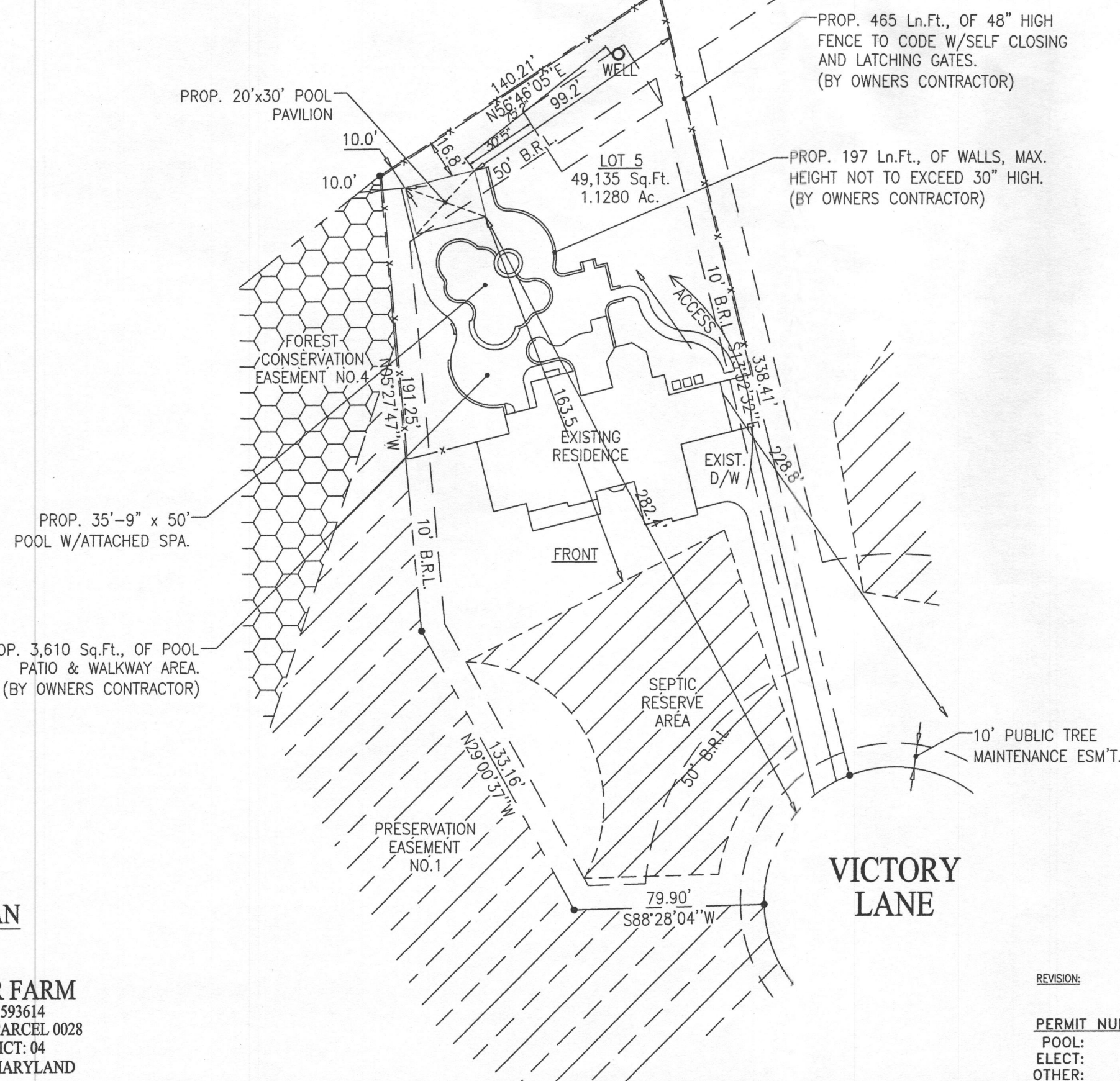
SETBACKS:
REAR PL. 10'
SIDE PL. 10'
HOUSE 0'
SEPTIC 10'/20'
WELL 20'

PRIVATE WELL
& SEPTIC



TERRA NOVA
DESIGN / BUILD

P.O. Box 398
Damascus, MD. 20872
240-876-2837
GRANT@TerraNovaLandscapes.com



SITE PLAN

1"=50'

LOT # 5

MERIWETHER FARM
TAX ACCOUNT # 593614
MAP 0021, GRID 0016, PARCEL 0028
ELECTION DISTRICT: 04
HOWARD COUNTY, MARYLAND

REVISION:

PERMIT NUMBERS

POOL:
ELECT:
OTHER:

PERMIT SET

DATE: 03-14-15

APPROVED
WALK-THRU BUILDING PERMIT

BP# _____ A# _____
APP. SAN DBernard DATE: 4-15-15
DESC. OF WORK: 30x30 Pool Pavilion
Approved as shown

DIRECTIONS TO SITE

MAP #
00
GRID
X0

Stephen M. Casey
14939 Victory Lane
Glenelg, Maryland 21737
Howard County

HOME PHONE:
OFFICE PHONE 1:
CELL PHONE 1:
CELL PHONE 2:

LOT: 5	SUBDIVISION NAME: MERIWETHER FARM	DISTRICT: 04	PIN # 593614
SITE PLAN			ZONE: ONE
SCALE: 1"=50'	BY:	DATE: 03/14/15	JOB NUMBER: JC15
			SHEET #: 1.0

REAR PL.	10'
SIDE PL.	10'
HOUSE	0'
SEPTIC	10'/20'
WELL	20'

P.O. Box 398
Damascus, MD. 20872
240-876-2837
GRANT@TerraNovaLandscapes.com

DATE: 4-19
DESC. OF WORK: 25' x 15'
Main Deck with
landing and stairs
as shown.

X0

SCALE: 1"=50'	BY:	DATE: 03/14/15	JOB NUMBER: JC15	SHEET #: 1.0
------------------	-----	-------------------	---------------------	-----------------

POOL:
ELECT:
OTHER:

DATE: 03-14-15

MERIWETHER FARM
TAX ACCOUNT # 593614
MAP 0021, GRID 0016, PARCEL 0022
ELECTION DISTRICT: 04
HOWARD COUNTY, MARYLAND



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: 1/7/15

ONSITE SEWAGE DISPOSAL SYSTEM

P 555388

INSTALLATION

APPROVAL DATE: 1/22/15 SEC

PERMIT CONSTRUCTION

A _____

PROPERTY ADDRESS: 14939 Victory Lane

SUBDIVISION: Meriwether Farm

LOT: 5 TAX ID: _____

CONTRACTOR: Fogle's Septic Clean Inc.

EMAIL: kevin@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784

PHONE: 410-795-5670

PROPERTY OWNER: Toll Brothers Inc.

EMAIL: _____

OWNER ADDRESS: 14881 Meriwether Drive, Glenelg, MD 21737

PHONE: 301-418-1923

BAT UNIT MODEL: Hoot BNR 600

PUMP SIZE: _____

PUMP TANK CAPACITY: 750gpd

DISTRIBUTION SYSTEM: GRAVITY ☒

LOW PRESSURE DOSED ☐

NUMBER OF BEDROOMS: 0.6

TRENCHES:	LINEAR FEET REQUIRED: <u>SEE BAT PLAN 240'</u>	INLET DEPTH: <u>SEE BAT PLAN 4'</u>
	TRENCH WIDTH: <u>SEE BAT PLAN 3'</u>	MAXIMUM BOTTOM DEPTH: <u>5.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>SEE BAT PLAN 9'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install BAT system per plan. <u>4x60' Trenches</u>	

ISSUED BY: Jeff Williams

ISSUE DATE: 1/7/15

EXPIRATION DATE: 1/7/16

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 SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT 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

NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.

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.

NOT TO SCALE

See As-Built Drawing
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	5.5'

NUMBER OF TRENCHES 4

TOTAL LENGTH 242'

ABSORPTION AREA 726' + SIDEWALL

DISTRIBUTION BOX LEVEL YES

DISTRIBUTION BOX BAFFLE NO

DISTRIBUTION BOX PORT YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Y

MANUFACTURER HOOT

CAPACITY _____ GAL

SEAM LOC TOP

TANK LID DEPTH 3'

BAFFLES YES

BAFFLE FILTER NO

MANHOLE LOC FRONT + REAR

6" PORT LOC _____

WATERTIGHT TEST NO

SLOTTED NO

DATE ON LID COVERED

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 _____

PRE-CONSTRUCTION:

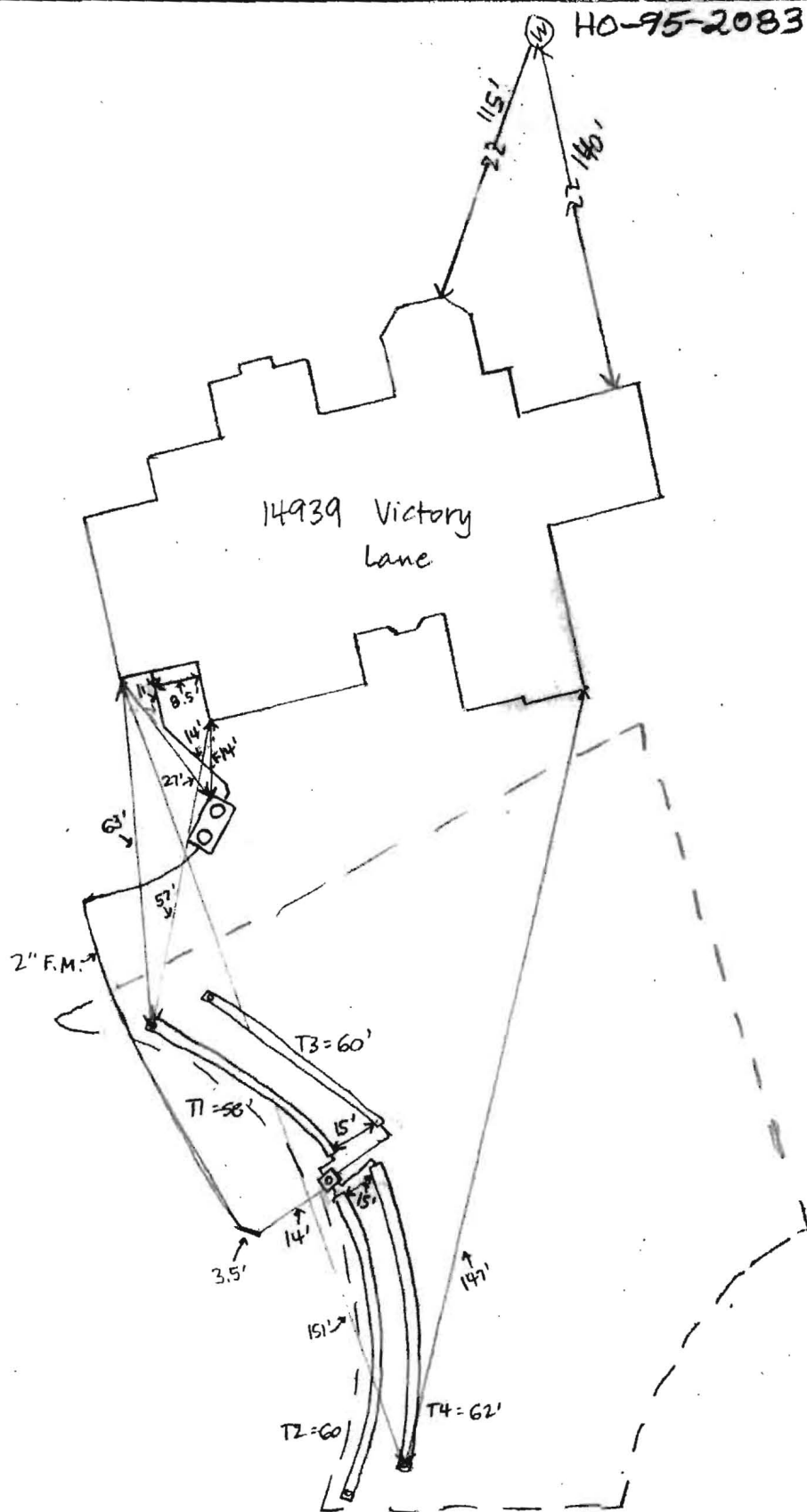
1/9/2015 Install trenches similar to plan. Builder wants to move the septic tank to the front of the house to avoid gas and electric lines. (BB)

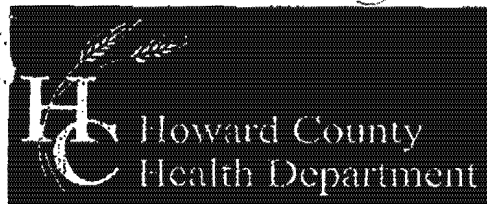
INSTALLATION: 1/15/15 Tank installed and trenches dug. no house connection made. 4" SCH 40 PVC to tank. 2" forced main to D-box. No levelers in D-box b/c it's a pump system.

Jake still had to install 90' pipe at inlet of D-box. Trenches covered mostly and left open at ends. (SC) 1/16/15 House connection made. Needs BAT startup certification. (BB) 1/21/15 Met Kevin from Eagle's and Mike Sample for hot startup and pump and alarm. All okay. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 1/22/15

HO-95-2083





LIBER | 5922 FOLIO 23

000129

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

Twitter: HowardCoHealthDep

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 17th day of December, 2014, among Stephen M. Casey and MICHAEL MARTIN, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 14939 Victory Lane, in the Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber Folio .

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013. The pre-treatment device being installed is Hum 600 BNR.

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.

B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.

C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.

D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require

maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Bud Nifon 12/11/2014
Howard County Health Department

[Signature] 12/2/14
Owner #1 Signature Date
✓ MARTIN MARTIN
Owner #1 Print Name

[Signature] Steve CASEY 12/2/14
Buyer #1 Signature Date
✓ STEVE CASEY
Buyer #1 Print Name

LR - Agreement
Recording Fee 20.00
Grantor/Grantee Name:
MARTIN
Reference/Control #:
169
LR - Agreement
Surcharge 40.00
SubTotal: 60.00

Owner #2 Signature Date
Total: 60.00
12/12/2014 03:51
CC13-ES
#3638081 CC0503 -
Owner #2 Print Name Howard Co
Columbia/CC05.03.08 -
Register 08

Buyer #2 Signature Date
Buyer #2 Print Name

**MAYER BROS., INC.***Precast Concrete Products*
6264 Race Rd. Elkridge, MD 21075

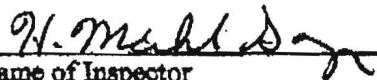
Letter of Satisfaction

Hoot System Installation

Address of Property: 14939 Victory Ln
Glencol, MD, 21237Date of Final Inspection: 1/21/15Installer: Foglia'sHoot Technician/Inspector: Mike Sample

I hereby certify that the Hoot system installed at the property listed above has been installed according to proper Hoot installation practices. I have also verified the startup of the system and it is in proper working order.

Sincerely,


Name of Inspector
Mayer Bros., Inc.

PH: 410-796-1434

FX: 410-796-1438

WBE
NPCA Certified Plantmayerbro@connext.net
www.mayerbrosprecast.com

Grease Interceptors, Grease Solutions, Aerobic Treatment Units, Septic Tanks, Holding Tanks, Storm Water Structures, Hydroceptors,
Bench Barrier, Water Meter Vaults, Sanitary Valve Vaults, Top Sinks, Curb Ramps, Curb Bumpers, PaveEntry Basement Entries,
ScapeWall Window Walls, Custom Precast Products

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Friday, April 25, 2014 3:13 PM
To: 'Ryan Ketner'; 'Michael Boyce'
Subject: Meriwether lot 5

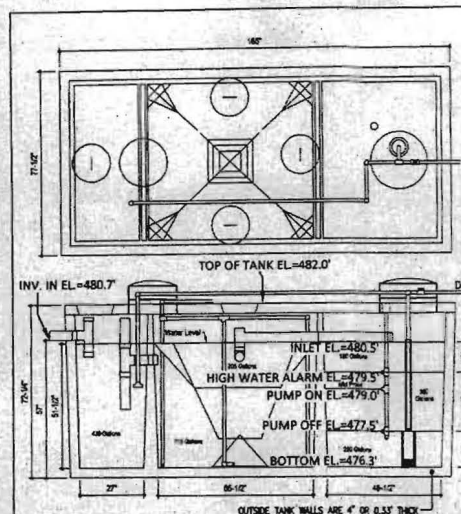
I've reviewed the BAT plan for Meriwether lot 5 and have some comments:

- Can we move the BAT unit further up the hill away from the level spreader? It looks like we have some fall from the house to work with that we can get it up the hill a ways. As far as you can go and still keep at least 1% fall would be preferable
- We'd prefer to see the d-box in the same spot, but split the trenches into smaller lengths so that more of the upper portion of the reserve can be utilized. It looks like we could get two 50+' trenches on each contour.
- The plan should indicate the true flow rate of the pump chosen based on the head and then the runtime modified accordingly. In this case, the pump will give you 28gpm at your head. With that flow, you could set a runtime of 2 minutes for a 56g dose, which will be fine here. We recently discovered that a dose around 50g is preferable when going to a d-box. Thanks.

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jeffwilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

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DESIGN DATA & GENERAL NOTES

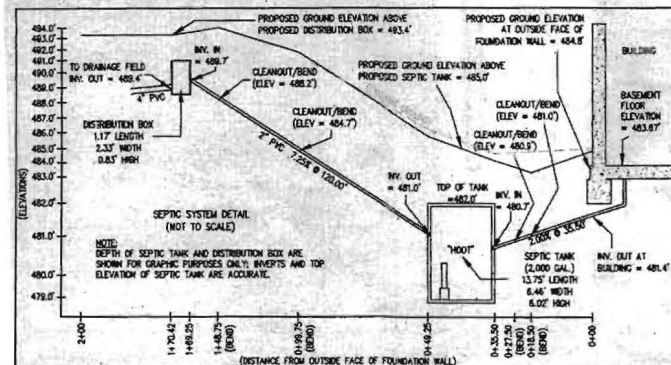
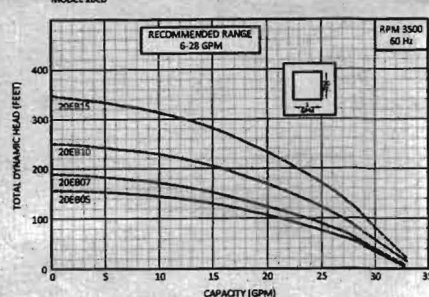
1. Complete strength Form 200 (S&L) @ 18 days. Density = 150 pc.
 2. Complete strength Form 200 (S&L) @ 18 days. Density = 150 pc.
 3. Adhesives & fasteners per ASTM C 200 28 & C 400 28.
 4. Reinforcing per ASTM A 36, 60, 101, 101, 101.

**600 GPD BNR SYSTEM
H-600 ABNR
with 750 GALLON PUMP CHAMBER**

Draw No. 1001 Form P1 No Scale March 19, 2000

**FILTERED EFFLUENT BLASTER PUMP CURVE
FOR WASTEWATER**

MODEL 200B



HOUSE OPTIONS:

TYPE: HAMPTON (CAROLINA)

INTERIOR NET BAY
 WALK-OUT BASEMENT
 ALTERNATE LAUNDRY LOCATION
 EXPANDED FAMILY ROOM/BEAT ROOM
 CONSERVATORY ELITE ADDITION
 ADD'L 1' TO HEIGHT OF BASEMENT FOUNDATION
 HAPLES SURROUND ADDITION
 NEED BURNING FIREPLACE 10 STD FAMILY ROOM
 PREFABRIC - NEED CONCRETE FOUNDATION
 FOR CHIMNEY
 ADDITIONAL TWO CAR FRONT ENTRY GARAGE
 10 FOOT CEILING IN BASEMENT WALLS
 STONE WATERFALL ON SIDES AND REAR OF HOME - NEED FOUNDATION LIDGE

OPTION No. 003
 OPTION No. 017
 OPTION No. 022
 OPTION No. 023
 OPTION No. 039
 OPTION No. 070
 OPTION No. 029

OPTION No. 106007
 OPTION No. 263019
 OPTION No. 90005007
 OPTION No. 90005008

LEGEND:

PERC TEST LOCATION
 WELL LOCATION
 LIMITS OF DISTURBANCE
 TOP OF WALL
 OF GARAGE FLOOR
 OF BASEMENT FLOOR
 BRL BUILDING RESTRICTION LINE

PUMPING SYSTEM DATA:

LENGTH OF FORCE MAIN: 120.00' @ 2" DIA. PIPE
 STATIC HEAD = 12.20'
 FRICTION HEAD = 0.93'
 DYNAMIC HEAD = 13.13'
 PUMP = 28 GPM
 THROU DOSE = 56 GALLONS @ 2 MINUTE INTERVALS
 FLOW TYPE PER PUMP CURVE CHART = 20.00 GPM, 1/2 H.P.

DOSE CALCULATIONS:

PER HOWARD COUNTY HEALTH DEPARTMENT SPECIFICATIONS, A DOSE AROUND 50 GALLONS IS PREPARED WHEN PUMPING TO A DISTRIBUTION BOX. MINIMUM DOSING FOR A 4 BEDROOM HOUSE IS 600 GPD AT 12 EVENTS PER DAY.
 600 GPD + 12 EVENTS PER DAY = 50 GALLON DOSE (MINIMUM)
 PUMP MAXIMUM = 28 GPM X 200 (DOSE TIME SELECTED) = 56 GALLON DOSE
 56 GALLON DOSE MEETS MINIMUM REQUIREMENTS.

FRICION HEAD CALCULATIONS:

LENGTH OF PIPE FROM SEPTIC TANK TO DISTRIBUTION BOX = 120.00'
 2 (45' BENDS IN 2" PVC @ 1400' PER BEND) = (2 X 4) = 8'
 LENGTH OF FORCE MAIN + LENGTH OF PIPE FOR FRICTION LOSS PER BENDS
 120.00' + 8' = 128.00' TOTAL PIPE PER FRICTION LOSS
 128 GPM @ 2" PVC = 0.74 PER 100' OF PIPE
 0.74 X 128 = 0.0074 X 26.00' (LEFT OVER PIPE) = 0.19 (26.00' OF PIPE PROPORTED)
 (0.74 (100' PIPE) + 0.19 (PROPORTED 26.00' LEFT OVER))
 FRICTION HEAD = 0.93'

DYNAMIC HEAD CALCULATIONS:

INV. IN @ DISTRIBUTION BOX = 477.5'
 INV. @ TANK PUMP OFF FLOAT = 477.5'
 (INV. IN @ DISTRIBUTION BOX (-) ELEV. OF PUMP OFF SWITCH)
 STATIC HEAD = 12.20'
 FRICTION HEAD LOSS IN 2" DIA. PIPE = 0.93'
 (STATIC HEAD + FRICTION HEAD)
 TOTAL DYNAMIC HEAD = 13.13'

FLOW CALCULATIONS:

STANDARD HOOT 600BHR "BLASTER EB20" PUMP.
 THE SPECIFICATIONS SHOW IT PUMPS 28 GPM (MAXIMUM) AT A HEAD OF 100'.
 (2 MINUTE PUMP RUN TIME X 28 GPM = 56 GALLON DOSE)
 56 GALLON DOSE X 12 EVENTS PER DAY = 672 GALLONS
 672 GALLONS MEETS MINIMUM DAILY REQUIREMENTS.

PUMP HORSEPOWER CALCULATIONS:

FLOW X TOTAL DYNAMIC HEAD X SPECIFIC GRAVITY X 3960 X EFFICIENCY
 (SPECIFIC GRAVITY H2O @ 68F IS 1)
 (USE 0.4 FOR EFFICIENCY, AS THIS IS COMMON FOR EFFLUENT PUMPS)
 20 X 13.13 X 1 X 3960 X 0.4 = 2626 X 1.584 = 0.17
 USE PUMP CHART - PUMP = 20.00 GPM, 1/2 H.P.

SEPTIC SYSTEM/RECY AVAILABLE TECHNOLOGY (BAT) NOTES:

1. 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.
2. THE MAXIMUM DEPTH OF THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3 FEET COVER.
3. THE BLOWER MAY NOT BE LOCATED MORE THAN 100 FEET FROM THE TANK BASED ON THE MANUFACTURER'S SPECIFICATIONS.
4. THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
5. THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
6. WITHIN ONE MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (NDE), IN A MANNER ACCEPTABLE TO NDE, THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE OF BAT INSTALLED.
7. ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
8. AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.
9. THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

APPROVED: FOR HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

DATE

DIRECTOR

DATE

PROFESSIONAL ENGINEER

DATE

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21326, EXPIRATION DATE 1/6/15.

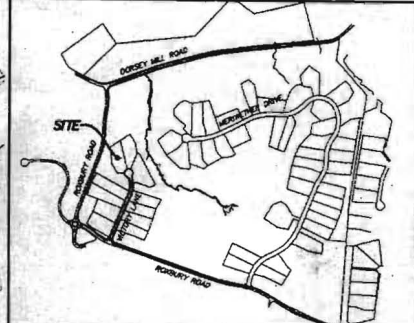


SEWAGE DISPOSAL SYSTEM DATA (4 BDRM)

1. PROPOSED INVERT AT FOUNDATION WALL: 481.4'
 1. HOOT BHR500 SYSTEM
 EX. GRADE OVER TANK: 485.5'
 PROPOSED GRADE OVER TANK: 485.0'
 INVERT IN: 480.7' INVERT OUT: 480.0'
2. DISTRIBUTION BOX
 EXISTING GRADE OVER TANK: 493.4'
 PROPOSED GRADE OVER TANK: 493.4'
 INVERT IN: 489.7' INVERT OUT: 489.4'
3. TRENCH DESIGN (4 BDRM = 150 GPD/BDRM = 600 GPD)
 600 GPD + 0.6 A.P.F. RATE = 1,000 SF
 USE 3" MIN. TRENCH WITH 18" GRAVEL BELOW PIPE
 9" MIN. SPACING BETWEEN TRENCH EDGES
 1,000 SF X 3" WIDTH = 333.33 LF X 0.71 = 236.67 LF MIN. TRENCH
 USE 4' 8" LONG TRENCHES = 240 LF

Approved Septic System Plan
 Howard County Health Department
 5/14/14

PLOT PLAN FOR BAT INSTALLATION
LOT 5
MARIWETHER FARMS
 LIBER 13779, FOLIO 473
 PLAT NO. 21751
 TAX NO. 04-593614
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 ADDRESS: 14939 VICTORY LANE
 GLENELG, MARYLAND



VICINITY MAP

1" = 1000'

GENERAL NOTES:

1. THE SUBJECT PROPERTY IS ZONED RC-60 PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND PER COM-P-LITE ZONING REGULATIONS DATED 7/28/06.
2. PLAT REFERENCE: PLAT NO. 21751.
3. THE EXISTING TOPOGRAPHY WITHIN THE AREA OF PROPOSED WORK IS TAKEN FROM FIELD RUN SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY ESE, DATED 4/26/11.
4. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DESIGN DETAILS. PRIOR TO STARTUP FOR CONSTRUCTION, IT SHALL BE THE OWNER/BUILDERS RESPONSIBILITY TO PROVIDE ESE CONSULTANTS INC. WITH THE MOST RECENT SET OF HOUSE PLANS.
5. THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF ENGINEERING / CONSTRUCTION INSPECTION DIVISION AT (410-313-1881) AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
6. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
7. TOTAL LIMIT OF DISTURBANCE: 38,254 SQ. FT. / 0.88 AC.
8. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY PREVIOUSLY APPROVED PLAN F-08-199.
9. ANY DAMAGE TO PUBLIC "RIGHT-OF-WAYS" OR PAVED PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTORS EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
10. DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER (ESE) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
11. THE DIMENSIONED DISTANCES SHALL GOVERN IF SCALED AND DIMENSIONED DISTANCES ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
12. THE LOTS SHOWN HEREIN COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WITH AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
13. THESE AREAS DESIGNATE A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS UNTO THE PRIVATE SEWAGE EASEMENT. RECOGNITION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
14. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
15. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
16. UPON BUILDING PERMIT REVIEW THE SEPTIC SYSTEMS FOR ALL PROPOSED STRUCTURES AND/OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
17. THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL CONCEPT PLAN SINCE STORMWATER MANAGEMENT WAS PREVIOUSLY APPROVED UNDER F-08-199.
18. A STANDARD SEDIMENT CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE GRADING PLAN DATED 12/18/13.
19. THE EXISTING WELLS (S) SHOWN ON THIS PLAN (OBTAINED WITH THE ATTACHED WELL TAG NUMBER HO-95-2063 HAS BEEN FIELD LOCATED BY ESE CONSULTANTS - PROFESSIONAL LAND SURVEYORS), AND IS ACCURATELY SHOWN.
20. BUILDING SETBACKS (B.S.L.'S) SHOWN HEREIN PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREIN AS "3" HAVE AN ACCURACY OF 40.1' FOOT.
21. CULVERT FOR DRIVEWAY PER F-08-199.

ESE

**Land Planning
Engineering
Land Surveying**

ESE Consultants Inc.
 2164 Columbia Gateway Dr.
 Suite 203
 Columbia, MD 21046
 TEL: 410-872-9105
 FAX: 410-872-4870

DATE: 05/06/14

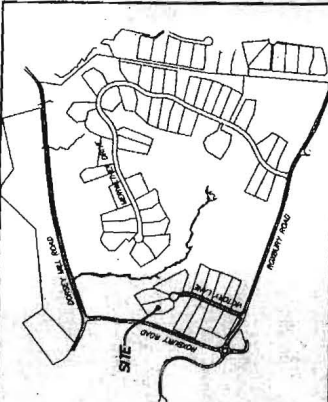
SCALE: 1"=40'

FILE: PP LOT 5, rev 1

CHK'D: MJB

JOB NO: 3184

DRAWN: RLC



- GENERAL NOTES:**
1. THE SUBJECT PROPERTY IS ZONED RC-30 FOR THE 7/2/04 COMPREHENSIVE ZONING PLAN AND PER CAMP-USE ZONING REGULATIONS DATED 7/2/04.
 2. PLAT REFERENCE: PLAT NO. 27151.
 3. THE EXISTING TOPOGRAPHY WITHIN THE AREA OF PROPOSED WORK IS TAKEN FROM FIELD SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY DATE 4/20/11.
 4. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DESIGN DETAILS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS AND RESPONSIBILITY FOR CONSTRUCTION SHALL BE THE CONTRACTOR'S.
 5. THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF ENGINEERING / CONSTRUCTION INSPECTION DIVISION AT (410-33-1881) AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 6. THE CONTRACTOR SHALL NOTIFY "MISS JUDITH" AT 1-800-252-7771 AT LEAST FORTY-FOUR (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
 7. TOTAL LIMIT OF DISTURBANCE: 30,000 SQ. FT. / 0.68 AC.
 8. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY PREVIOUSLY APPROVED PLAN F-08-158.
 9. ANY DAMAGE TO PUBLIC "RIGHT-OF-WAY" OR PAVED PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE PENNSYLVANIA STANDARD SPECIFICATIONS.
 10. DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER (CSE) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
 11. THE DIMENSIONED DISTANCES SHALL COVER IF SCALED AND DIMENSIONED DISTANCES ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
 12. THE LOTS SHOWN HEREON COMPLY WITH THE UNIFORM LOT AREA AND DIMENSION MAP AS REQUIRED BY THE HANOVER AND DEPARTMENT OF THE ENVIRONMENT.
 13. 22,222 SQ. FT. AREAS RESERVING A PRIVATE SEWAGE SYSTEM OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE HANOVER DEPARTMENT OF THE ENVIRONMENT FOR MINIMUM SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN EXISTING SEWAGE SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE SYSTEM. RECONSTRUCTION OF A MODIFIED SEWAGE SYSTEM SHALL NOT BE NECESSARY.
 14. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
 15. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 16. UPON BUILDING PERMIT REVIEW THE SEPTIC SYSTEMS FOR ALL PROPOSED STRUCTURES AND/OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
 17. THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL CONCEPT PLAN SINCE STORMWATER MANAGEMENT HAS PREVIOUSLY APPROVED UNDER F-08-158.
 18. A STANDARD SEWAGE CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE GRADING PLAN DATED 12/16/13.
 19. THE EXISTING (H/L) SHOWN ON THIS PLAN (LOCATED INTO THE ATTACHED WELL) THE HANOVER H-10-13-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-12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