



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: 4/14/16

ONSITE SEWAGE DISPOSAL SYSTEM

P

558075

APPROVAL DATE: 7/12/16 (SEC)

PERMIT:

CONSTRUCTION

A

PROPERTY ADDRESS: 12006 Catherine Close Road

SUBDIVISION: Greenberry

LOT: 12

TAX ID: 05-598675

CONTRACTOR: South Carroll Backhoe

EMAIL: scbackhoe@comcast.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157

PHONE: 410-596-3618

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:



MDE



MANUFACTURER:

PROPERTY OWNER: NVR Inc.

EMAIL:

OWNER ADDRESS: 9720 Patuxent Woods Road

PHONE: 410-379-5956

BAT UNIT MODEL: Hoot 600 BNR

PUMP SIZE: 0.4

PUMP TANK CAPACITY: 750 Gal

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 2/25/16

DATE RECORDED: 2/25/16

DISTRIBUTION SYSTEM: GRAVITY

PRESSURE DOSED

BEDROOMS: 5

APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>130' 130'</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3' 2'</u>	MAXIMUM BOTTOM DEPTH: <u>7' 0'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</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:	Include a cleanout in SHC. <u>Install 3 x 46' trenches on contour.</u>	

ISSUED BY: Robert Bricker

ISSUE DATE: 4/14/16

EXPIRATION DATE: 4/14/17

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



ELECTRICAL PERMIT ISSUED

E 16001770

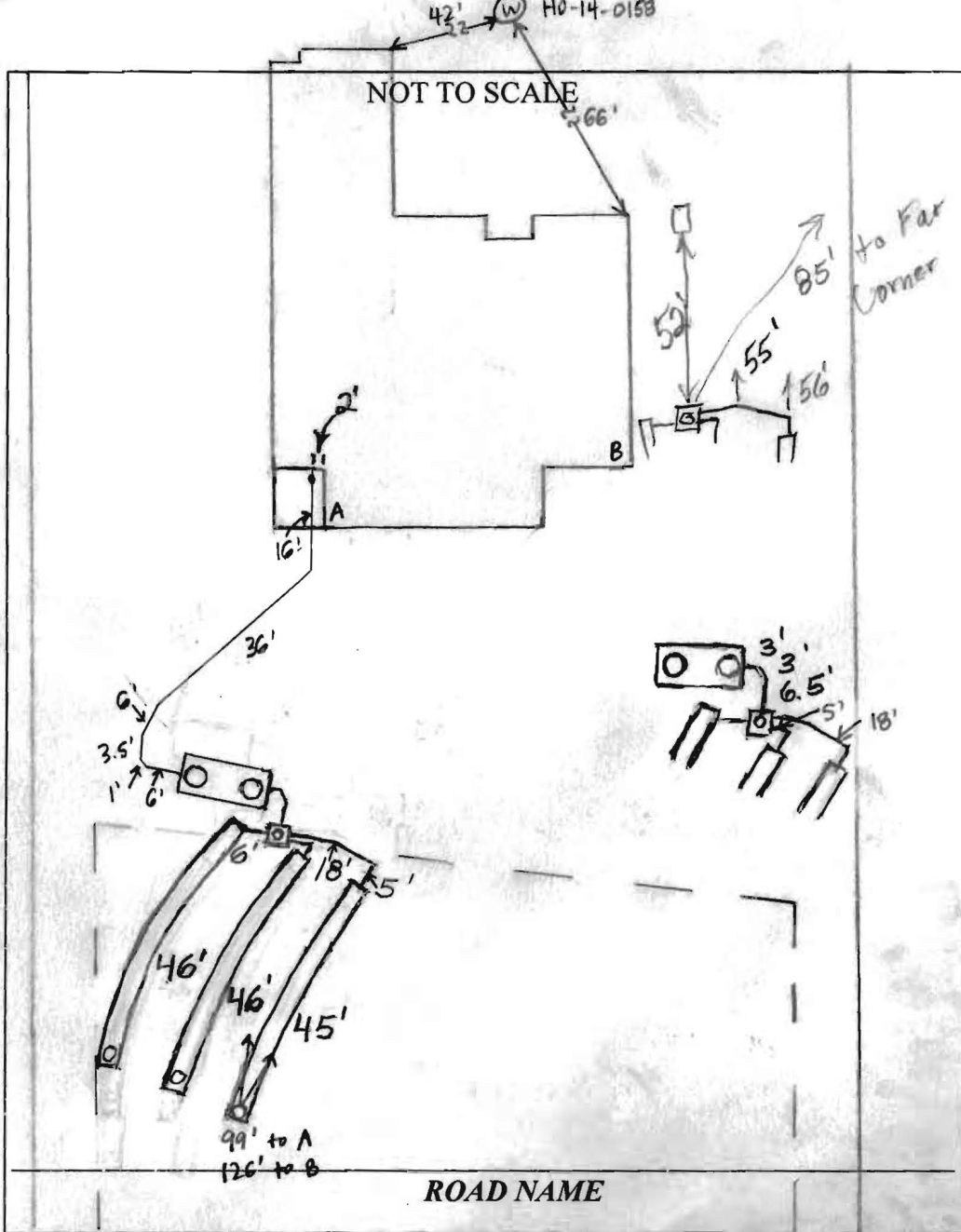
NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.

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.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES	3	
TOTAL LENGTH	137'	
ABSORPTION AREA	274' + SIDEWALL	
DISTRIBUTION BOX LEVEL	Yes	
DISTRIBUTION BOX BAFFLE	Elbow	
DISTRIBUTION BOX PORT	Yes	

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Mayer/Hoot
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	15'-2'
BAFFLES	Need Front
BAFFLE FILTER	N/A
MANHOLE LOC	Front+Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	N/A
DATE ON LID	Dry
PUMP/SEPTIC TANK LEVEL	N/A
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

5/20/16 Met S. Carroll on site for layout. Tank stake present, all SDA stakes present but SE stake knocked over. Confirmed location by measuring off house. Shot contour and laid out 3x46' trenches. Line coming out under footer - fall to tank will be close. Builder may have to switch to hung sewer as shown on BAT plan. (SC)

INSTALLATION: 5/24/2016 Top two trenches done. (3B)

5/25/2016

5/26/16 House connection made. 27' fall in pipe from house, 17' fall in pipe near tank inlet. Front 6" baffle installed in tank. Need Hoot startup certification. (SC)

7/12/16 BAT startup certification received. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 7/12/16

Lot 12



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www.hchealth.org

Facebook: www.facebook.com/hcohealth
Twitter: HowardCoHealthDep

RECEIVED
MAR 16 2016

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 13th day of February, 2016, among FRANLIS BURNS
NVR, Inc., 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
12006 Catherine Close Rd, in the 5 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 Patrol PLAT # 23453.

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 HOOT 600.

NOW, THEREFORE, the parties hereto agree as follows:

20
40
12

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

JW 8/8/2014
92726

Print Date: 1/3/2016

LR - Agreement	20.00
Recording Fee	
Grantor/Grantee Name:	
Burns	
Reference/Control #:	
126	
LR - Agreement	40.00
Surcharge	
Subtotal:	60.00
Total:	120.00
02/25/2016 03:03	
#5855429 CC0503 -	
Howard Co	
Columbia/CO05-03-04 -	
Register 04	

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.

Bob Nifon 2/25/2016
Howard County Health Department

[Signature] 1/18/16
Owner #1 Signature Date

Owner #2 Signature Date

NVR INC
Owner #1 Print Name

Owner #2 Print Name

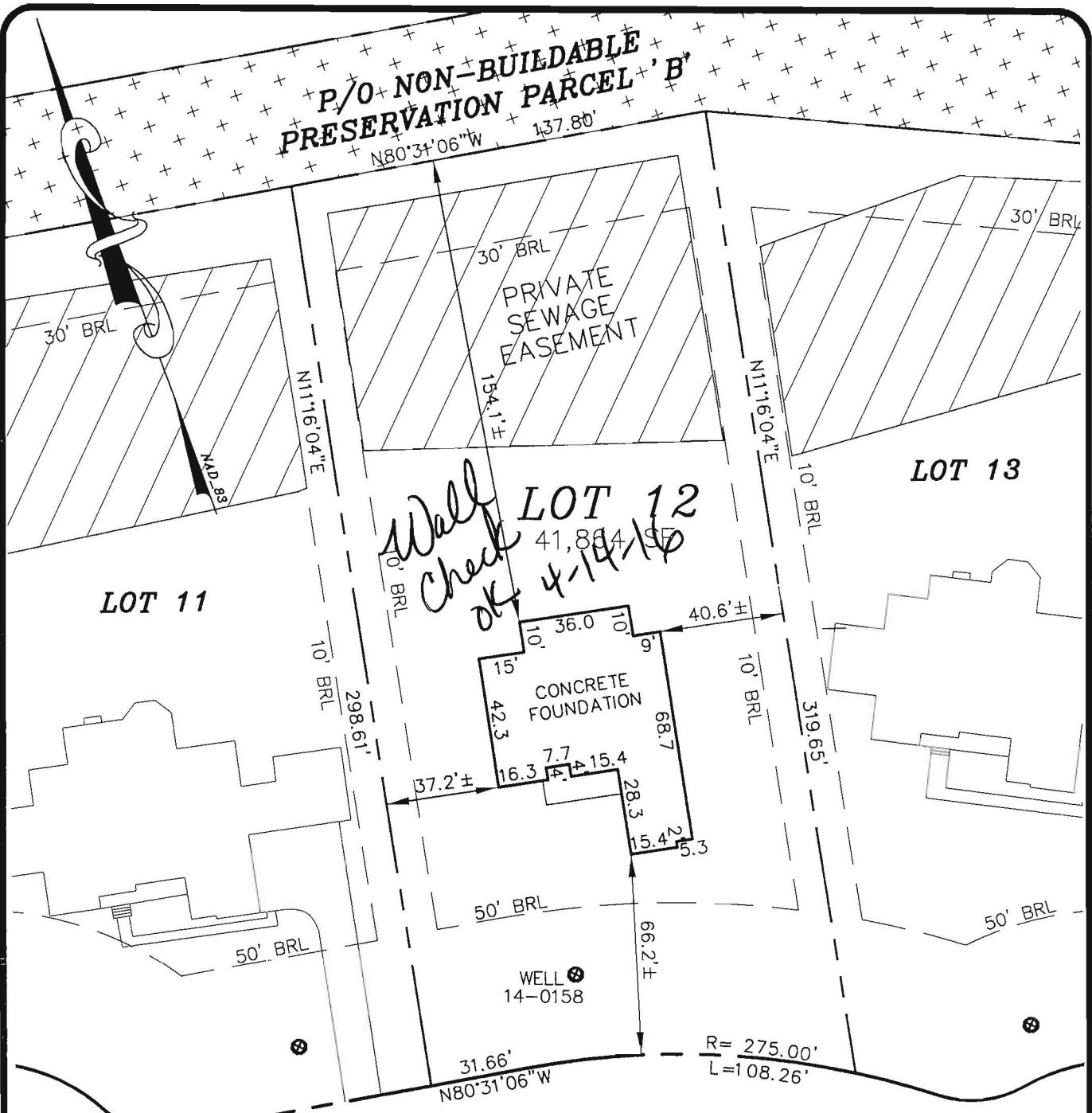
[Signature] 1/3/16
Buyer #1 Signature Date

[Signature] 1/3/16
Buyer #2 Signature Date

FRANCIS X. Burns III
Buyer #1 Print Name

STEPHANIE A. Burns
Buyer #2 Print Name

JW 8-8/2014



CATHERINE CLOSE ROAD
50' R/W

LOT 12
GREENBERRY

PLATS 23453-23461
ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

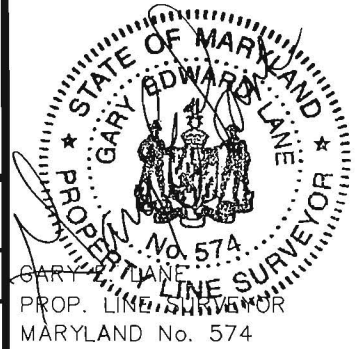
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 574, EXPIRATION DATE: 03/21/17.

ADDRESS: 12006 CATHERINE CLOSE ROAD
TOP OF WALL ELEV. = 563.4±
FIRST FLOOR ELEV. = N/A

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

MILDENBERG
BOENDER, & ASSOC., INC.

Engineers Planners Surveyors
7350-B Grace Drive, Columbia, MD 21044
(410) 997-0296 Balt. (410) 997-0298 Fax.



FOUNDATION	DATE: 04/05/16	FINAL LOCATION	DATE: N/A
DRAWN BY: MES	CHECKED BY: GEL	SCALE: 1"=50'	
PROJECT NO.: 15-005	LOCATION DRAWING		



MAYER BROS., INC.

Precast Concrete Products

6264 Race Rd. Elkridge, MD 21075

Letter of Satisfaction Hoot System Installation

Address of Property: 12006 Catherine Rd.
Clarksville, MD, 21029

Date of Final Inspection: 7/7/16

Installer: South Carroll Backhoe Service

Hoot 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,

H. Michael Dwyer
Name of Inspector
Mayer Bros., Inc.

PH: 410-796-1434

FX: 410-796-1438

WBE
NPCA Certified Plant

mayerbro@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, Sectional Valve Vaults, Top Slabs, Curb Heads, Curb Bumpers, PermEntry Basement Entries, Scapewell Window Wells, Custom Precast Products

SOILS TABLE (WITHIN LOD)

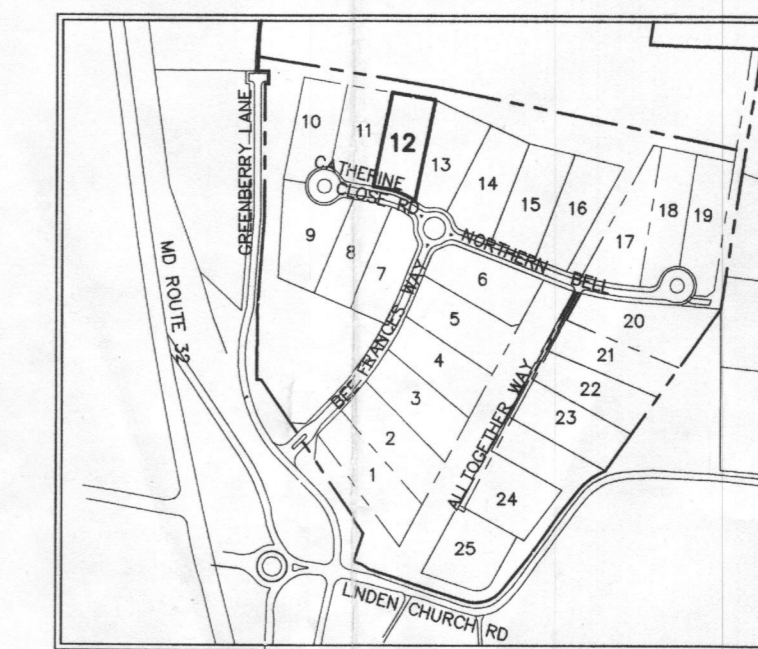
SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20

PRIMARY TRENCH DATA

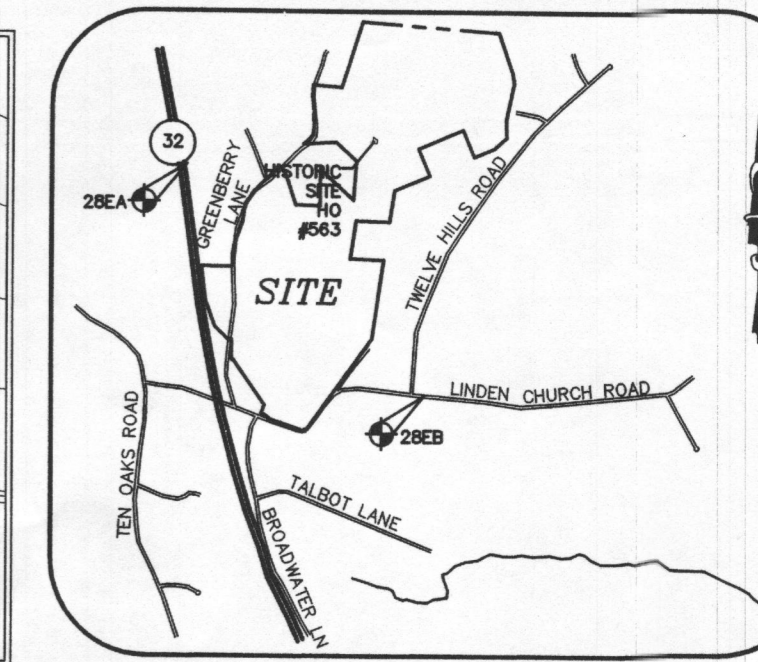
TRENCH	EX. GROUND ELEVATION	INVERT ELEVATION	BOTTOM OF TRENCH EL.
1	553.8	549.8	546.8
2	553.3	549.3	546.3

SEPTIC TRENCH SIZING

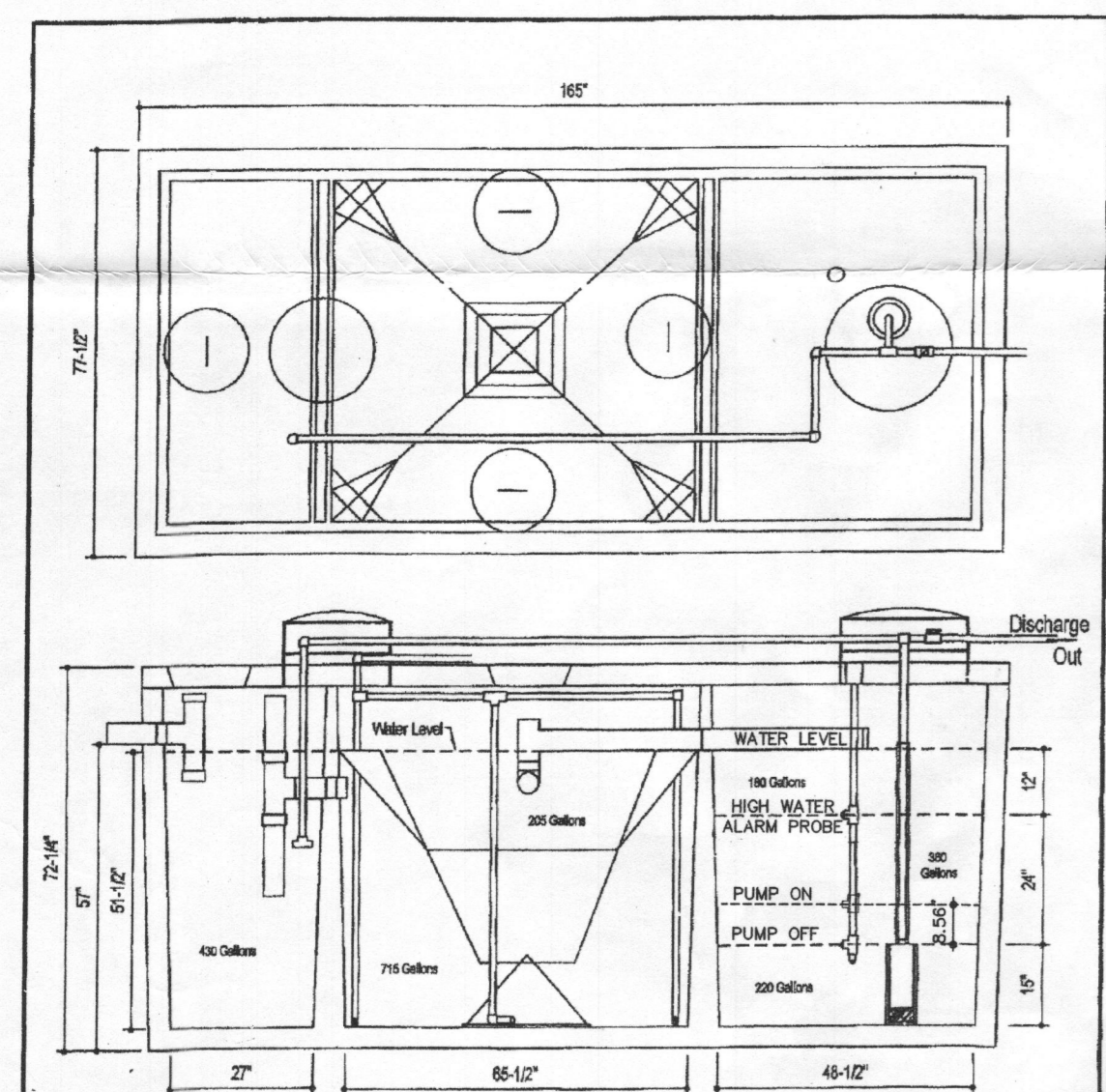
SYSTEM	APPLICATION RATE (GPD / SF)	MAXIMUM FLOW RATE (GPD)	AREA OF REQUIRED TRENCH (SF)	TRENCH WIDTH (FT)	LENGTH OF REQUIRED TRENCH (LF)	EFFECTIVE DEPTH BEGINS (FT)	TRENCH BOTTOM DEPTH (FT)	TRENCH REDUCTION FACTOR**	ADJUSTED LENGTH OF REQUIRED TRENCH (LF)	MINIMUM TRENCH SPACING (FT)	NUMBER OF TRENCHES	PROVIDED TRENCH LENGTH (FT)
PRIMARY	1.2	750	625	3	208.3	5.0	7.0	0.62	129.2	10.0'	2	65.0
SECONDARY	1.2	750	625	3	208.3	5.0	7.0	0.62	129.2	10.0'	2	65.0
TERTIARY	1.2	750	625	3	208.3	4.5	7.0	0.62	129.2	10.0'	2	65.0



LOCATION PLAN
SCALE: 1"=600'



VICINITY MAP
SCALE: 1"=2000'
ADC MAP 24 GRID F6



DESIGN DATA & GENERAL NOTES

- 1) Concrete strength: F_{cr} = 4000 P.S.I., F_c = 3000 P.S.I., Density = 150 pcf.
- 2) Concrete: 1" Min. Clear Cover to All Reinforcing Bars.
- 3) All dimensions & placements per ASTM C 309-01 & C 404-02.
- 4) Reinforcing per ASTM A 603, Min. 1/2" cover.

Mayer Brothers, Inc.

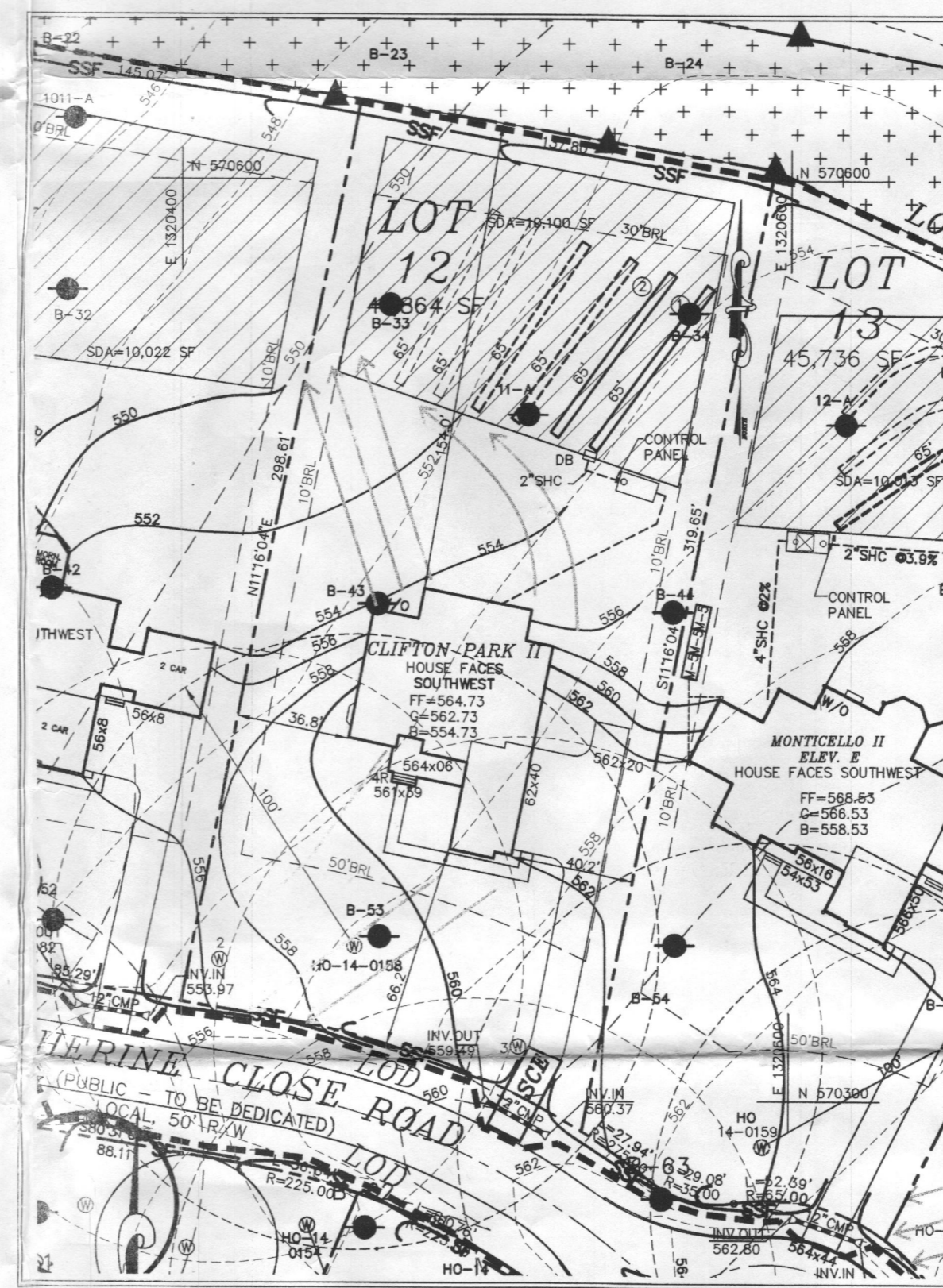


**600 GPD BNR SYSTEM
H-600 BNR**
with 750 GALLON PUMP CHAMBER

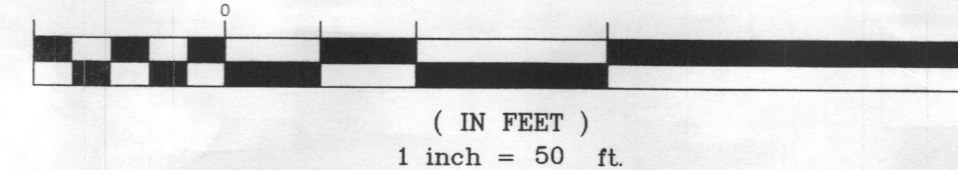
Dwg. No. Hoot Form #1 No Scale March 19, 2009

BAT SYSTEM ELEVATIONS

DESCRIPTION	VALUE
FINISHED GRADE AT SEPTIC TANK	555.0
INVERT INTO TANK	551.18
EXTERIOR BOTTOM OF TANK	546.44
INTERIOR BOTTOM OF TANK	546.77
PUMP OFF	548.02
PUMP ON	548.73
HIGH WATER ALARM	550.73
WATER LEVEL	551.73
INVERT OUT OF TANK	552.77
TOTAL HEAD	6.25'
DOSED RATE	50 GPM
PUMP RUNTIME	2.5 MIN.



GRAPHIC SCALE



ON-SITE SEWAGE DISPOSAL SYSTEM:

RESIDENTIAL SYSTEM DESIGN: HOOT 600 BNR
5 BEDROOM HOUSE (LIVING AREA = 2,288 SQ.FT.)
150 GALLONS X # OF BEDROOMS = VOLUME OF WASTEWATER / DAY
150 X 5 = 750 GPD
PERC RATE = 6.25 MINUTES/INCH
APPLICATION RATE = 1.2 GPD/SQ.FT.
DESIGN FLOW X APPLICATION RATE = SQ.FT. OF TRENCH REQUIRED
750 + 1.2 = 625 SQ.FT.
SQ.FT. REQUIRED X WIDTH OF TRENCH = LENGTH OF TRENCH
625 X 3.0' = 208 FT
USE 24" OF GRAVEL BELOW DRAIN PIPE
208 X 0.62 = 129
USE TWO (2) TRENCHES (65')
A MINIMUM OF 10' BETWEEN TRENCHES UTILIZING SIDEWALL REDUCTION CREDIT.
MINIMUM TANK CAPACITY = 750 GALLONS
PUMP: GOULDS MODEL 3871, EP04 SERIES

Approved Septic System Plan
Howard County Health Department
HOOT-600 (H-600 BNR) w/ 750-gal Pump Chamber & 0.4 Hp Pump
Bricke
Signature
2/17/09
Date
B16000473

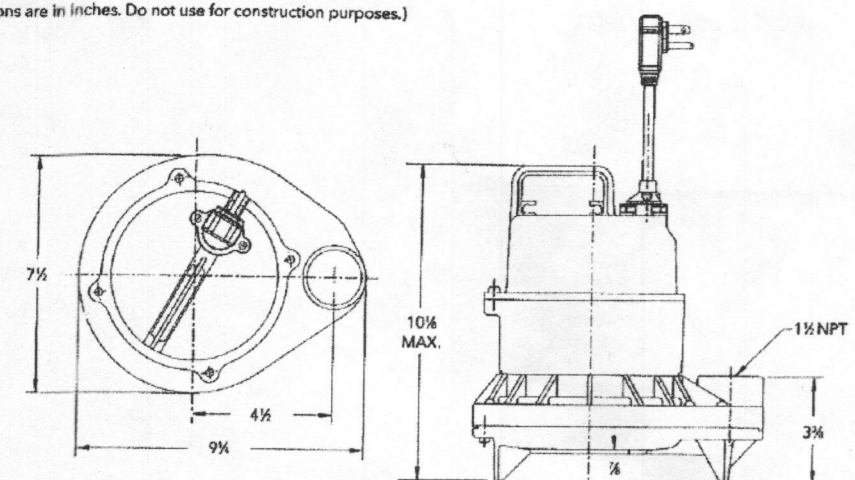
GENERAL NOTES:

1. THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN.
2. **PARCEL BACKGROUND:**
TAX MAP : 28
GRID : 9
PARCEL : 48
LOT : 12
DEED REFERENCE: LIBER 5891 FOLIO 307
ELECTION DISTRICT : FIFTH
ZONING : RR-DEO.
AREA : 41,864 S.F.
DPZ FILES: ECP-13-025, SP-13-010, F-14-095, GP-15-081
3. 2' TOPOGRAPHY FOR THE DEVELOPED AREAS IS BASED ON AERIAL SURVEY FLOWN BY WINGS TOPOGRAPHY INC. ON OR ABOUT MARCH 2007.
4. PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
5. SOILS DATA BASED ON THE USDA SOIL SURVEY OF HOWARD COUNTY, MD, DATED MAY, 2008.
6. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
7. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
8. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWERAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWERAGE DISPOSAL AREAS HAVE BEEN SHOWN.

BEST AVAILABLE TECHNOLOGY SITE PLAN NOTES

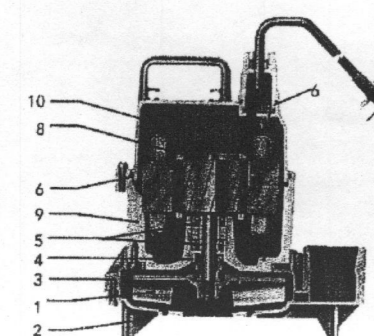
1. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
2. THE MAXIMUM DEPTH OF THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3.0' FEET.
3. THE BLOWER MAY NOT BE LOCATED MORE THAN 100 FEET FROM THE TANK BASED ON 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 (1) MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) IN A MANNER ACCEPTABLE TO MDE, 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 FROM THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

DIMENSIONS
(All dimensions are in inches. Do not use for construction purposes.)

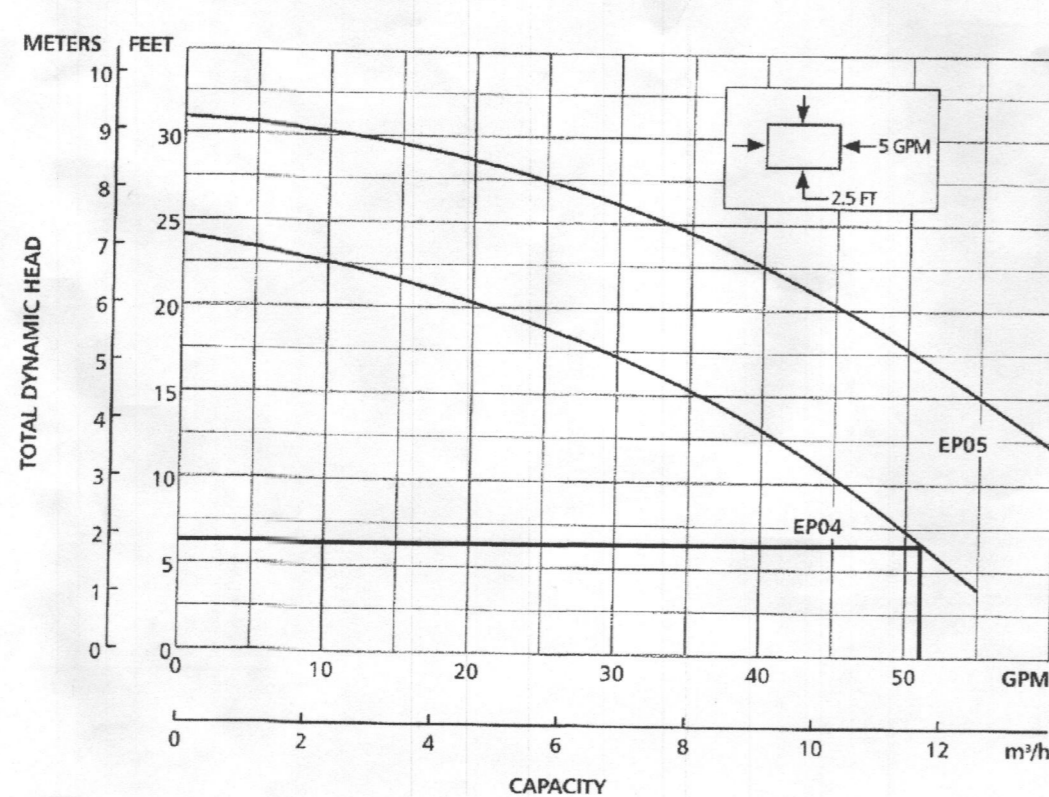


COMPONENTS

Item No.	Description
1	Impeller
2	Base
3	Pump casing
4	Mechanical seal
5	Ball bearings
6	O-rings
7	Power cord
8	CEC listed motor
9	Motor housing/motor assembly
10	Motor cover



Wastewater



MODEL INFORMATION

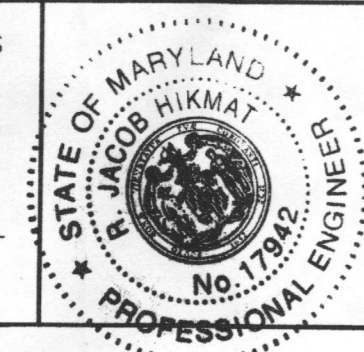
Order No.	HP	Volts	Amps	Minimum Circuit Breaker	Phase	Plant Switch Style	Cord Length	Discharge Connection	On Level	Minimum Off Level	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight (lbs.)
EP0411						Plug / No Switch	10'	1 1/2"	Manual	Manual	15"		20 / 9.1
EP0411A						Plug/Back / Wide-Angle	10'	1 1/2"	Manual	Manual	15"		21 / 9.5
EP0411F	1	115	12	20		Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		20 / 9.1
EP0411AC						Plug/Back / Wide-Angle	20'	1 1/2"	Manual	Manual	15"		21 / 9.5
EP0412						Plug / No Switch	10'	1 1/2"	Manual	Manual	15"	1 1/2"	20 / 9.1
EP0412F	230	6.5	10			Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		20 / 9.1
EP0511F						Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		22 / 10
EP0511AC	5	115	13	20		Plug/Back / Wide-Angle	20'	1 1/2"	Manual	Manual	15"		23 / 10.4
EP0512F						Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		22 / 10

xylem
Let's Solve Water

Xylem, Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (866) 325-4210
Fax: (888) 322-5877
www.xylemwatersolutions.com
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

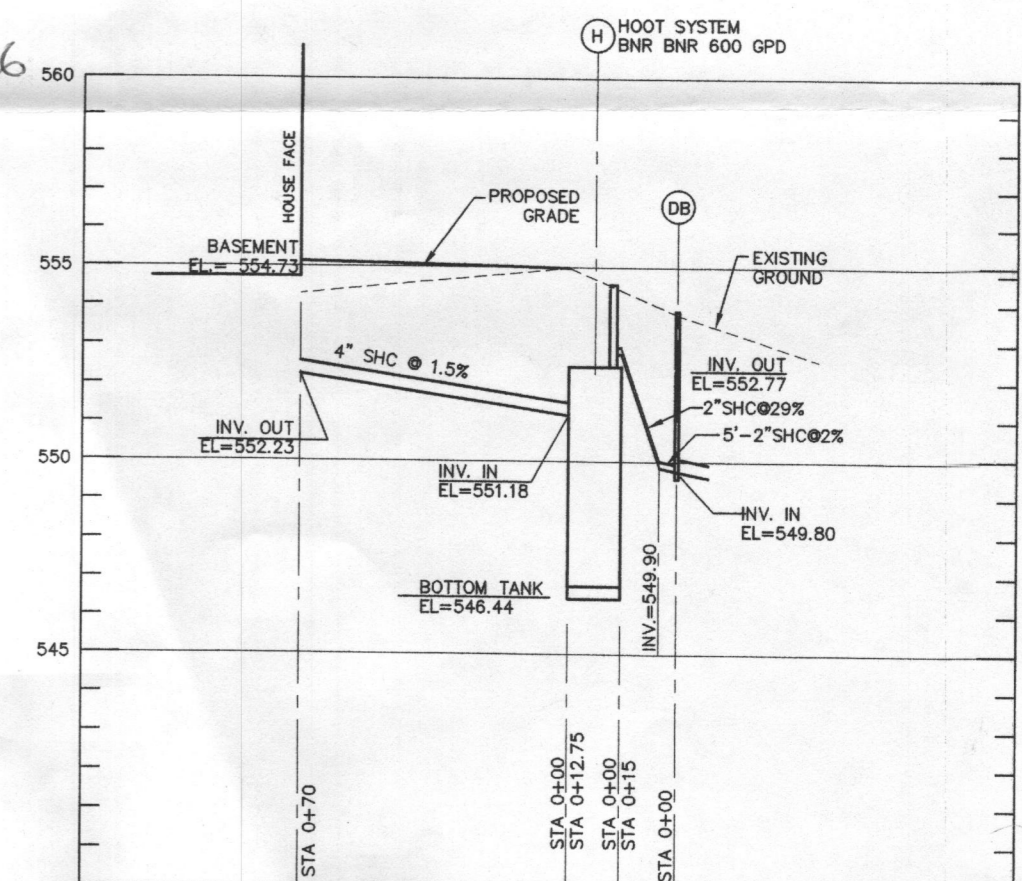


I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 17942, EXP DATE 09/03/2016.

R. JACOB HIKMAT, P.E.
DATE: 02/03/16

WELL CERTIFICATION:
THE EXISTING WELL, TAG NO. HO-14-0158, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN

NV HOMES
9720 PATUXENT WOODS DRIVE
COLUMBIA, MARYLAND 21046
(410) 379-5956



PROFILE - PRIVATE SEWER
SCALE: 1"=5' HOR
1"=5' VER

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7550-B Grace Drive, Columbia, Maryland 21044
(410) 997-0296 Fax: (410) 997-0298

12006 CATHERINE CLOSE ROAD, CLARKSVILLE MD
GREENBERRY LOT 12
HOWARD COUNTY
FIFTH ELECTION DISTRICT
SITE PLAN FOR BAT INSTALLATION

date	FEB. 2016
project	15-005
illustration	MMM
scale	1"=50'
approval	MMM
revision	RH

date	
description	
revision	