



HOWARD COUNTY HEALTH DEPARTMENT

62991

DATE 5/8/18

Received From

Three Contractors

PHONE #

410/945-4840

For

Septic Permit 12541 Folly
Quarter Rd.

CASH

CHECK

NO.

018533

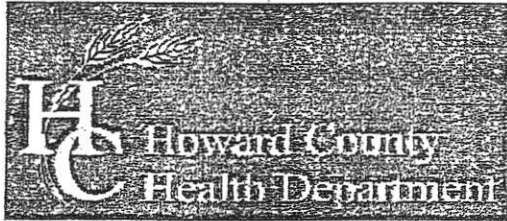
Three hundred ninety six Dollars

\$

396.00

Received By

A. King



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

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

INFORMATION FORM – SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- Failing System
- System relocation for proposed addition
- System upgrade for proposed addition
- Inadequate treatment zone
- Collapsed septic tank
- Collapsed drywell

Has the septic tank been pumped within the last month?

- Yes Date pumped: _____
- No

Was a visual inspection of the septic tank and/or drain fields conducted?

- Yes Explain observations: _____
- No _____

Was a visual inspection of the sewage line conducted?

- Yes
 - Blockage leading to the tank
 - Yes Explain: _____
 - No _____
 - Blockage leading to the field
 - Yes Explain: _____
 - No _____

Existing system design

- Drywell
- Trench
- Mound
- Unknown
- Other: _____

Is discharge surfacing on the ground?

- Yes
- No

Additional Comments: new septic tank

*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulation.

Septic Contractor: Freedom Septic Contractor's Phone: 410-984-4843
 Contractor's Address: 3809 Liberty Rd Sykesville, MD 21784

Property Address: 13541 Kelly Quarter Rd County file: _____
 Subdivision: Glenside Manor Lot: 40 Year Built: 1974
 Owner's Name: Kevin Oconnor Owner's Phone: 410-491-3781

Name of previous owners: _____ Existing bedrooms: _____
 Proposed bedrooms: _____

Has this request been previously discussed with a Sanitarian? (Name): Hank Oswald
 Public Sewer available/nearby: _____

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.

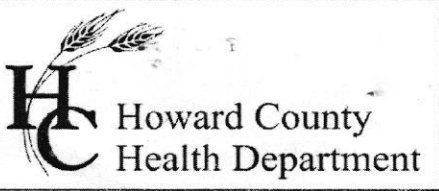
Print out a copy of Real Property Data via Dept. of Taxation website _____ Indexed file found _____

If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

If sewer is available and the property is within the Metropolitan District, connection to sewer is required: If the owner believes reason for exemption exists, the owner should justify the request in writing.

If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.

No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.



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

RECEIPT DATE: 5/8/18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 562991

APPROVAL DATE: 5/30/18 SEC **PERMIT:** **REPAIR** A

PROPERTY ADDRESS: 12541 Folly Quarter Road

SUBDIVISION: Glenelg Manor LOT: 4C TAX ID: 05-358345

CONTRACTOR: Freedom Septic EMAIL: kristin@freedomseptic.com

CONTRACTOR ADDRESS: 2809 Liberty Road, Sykesville, MD 21784 PHONE: 410-795-2947

PROPERTY OWNER: Kevin and Diane O'Connor EMAIL:

OWNER ADDRESS: 12541 Folly Quarter Road, Ellicott City, MD 21042 PHONE: 410-491-2781

SEPTIC TANK SIZE (GALLONS): 1500 PUMP CHAMBER CAPACITY (GALLONS): N/A PUMP SIZE: N/A

NUMBER OF BEDROOMS: _____ HOUSE SQ. FT. N/A APPLICATION RATE: _____

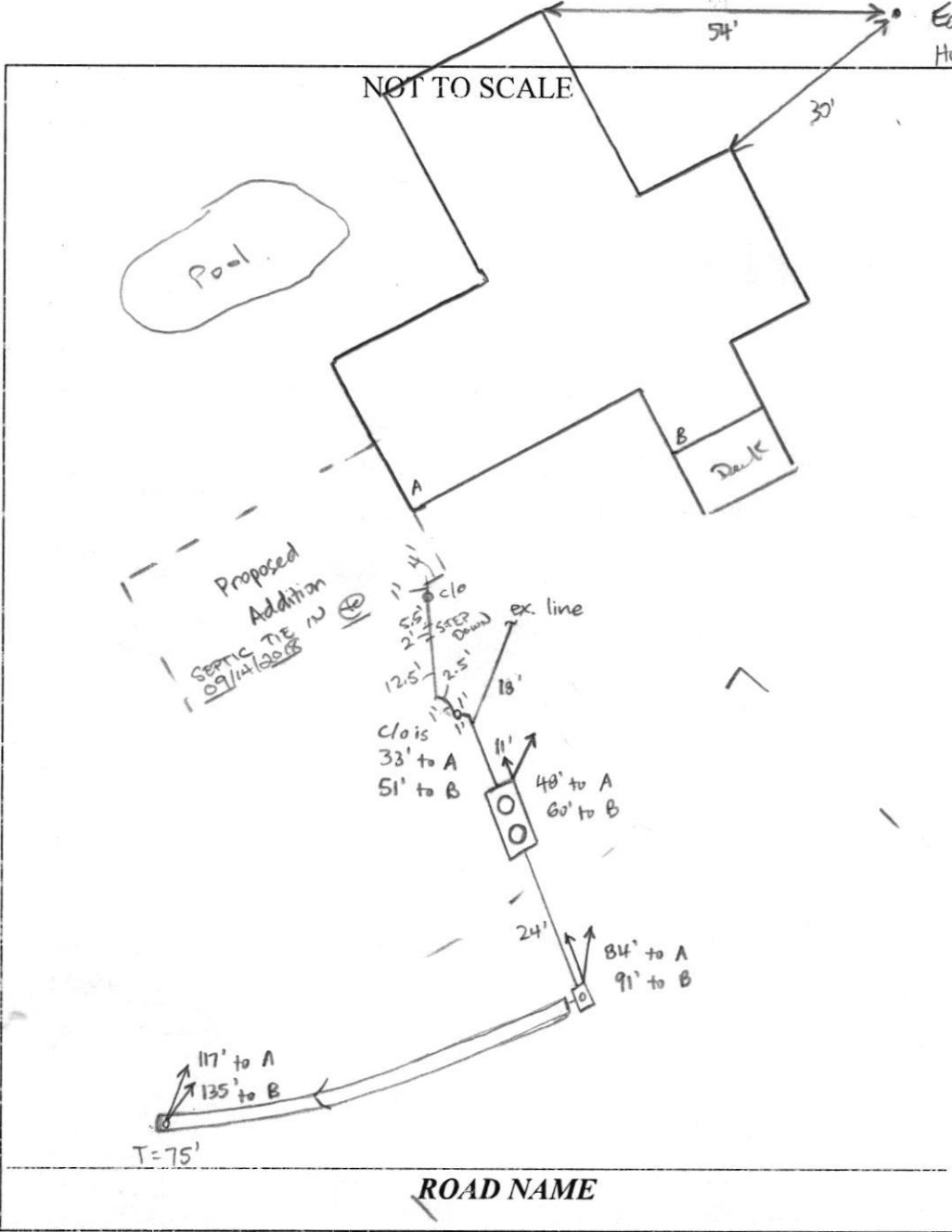
DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>75</u>	INLET DEPTH: <u>3'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>N/A</u>	EFFECTIVE AREA BEGINNING DEPTH: _____
LOCATION:	TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>Install 1x75' trench above pipe E. ok to run trench out of SDA. Set new tank 13 loc per plan.</u>	

ISSUED BY: Kevin Wolf ISSUE DATE: 5/8/18 EXPIRATION DATE: 5/8/19

- 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 N/A
- NOTE: THE HCHD DOES NOT WARRANTY ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
- 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
3'	3'	8'
NUMBER OF TRENCHES		1
TOTAL LENGTH		75'
ABSORPTION AREA		75' + SIDEWALL
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	5' (INLET) - 3' (OUTLET)
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT + REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	YES
DATE ON LID	3-12-18

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:

5/9/18 (Fri) Onsite w/ contractor and owner for layout. Existing septic components not accurately located on plan. New trench adjusted to be installed above perc E. Set tank approx 15' SW of what is shown on plan. D box to be installed. Existing tank and Drywell to be pumped/collapsed. (KRAM)

INSTALLATION:

5/29/18 Tank installed + connected to house. Clo + Y installed for future addition. Existing system deeper than shown on plan, could not make 3' inlet @ trench. OK to move trench downhill to make 3' inlet, installing on contour. Old tank and drywell both pumped + filled with clean dirt. (SC) 5/30/18 Freedom adding stone + pipe to trench. 3' wide, 2.5-3' to inlet. (SC) 09/14/2018 SEPTIC TIE IN FROM PROP. ADDITION COMPLETE. OK TO BACKFILL. CONFIRMED W/ OWNER INSTALLER OF ADDITION TIE IN LINE WAS JOHN BOUNDS PLUMBING. (Jo)

LEGEND

Existing Grade

Gbc SOILS

Gbb SOILS

Gbb SOILS

SOIL BOUNDARY LINE

SOIL CLASSIFICATION

PRIVATE SEWAGE EASEMENT

A=ELEV.466.25

PROPOSED PERCOLATION TEST HOLE LOCATION

EXISTING 1,500 GALLON SEPTIC TANK

PROPOSED 2,000 GALLON SEPTIC TANK

EXISTING 1,500 S.F. WELL ZONE

Proposed Impervious

Existing Structure

Existing Fence

Woods line

EXISTING WELL

MDE SEWAGE EASEMENT STATEMENT

"THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. 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 SEWAGE EASEMENT. RECORDATION OF A REVISED EASEMENT SHALL NOT BE NECESSARY."

PURPOSE NOTE:
THE PURPOSE OF THIS PLAN IS TO ESTABLISH A PRIVATE SEWAGE EASEMENT. THIS PRIVATE SEWAGE EASEMENT WILL ALLOW FOR THE RELOCATION OF THE SEPTIC SYSTEM FOR A HOUSE ADDITION TO BE PLACED ON SITE.

TOPOGRAPHY NOTE:
THE TOPOGRAPHY SHOWN ON THESE PLANS IS FIELD RUN AND VERIFIED BY KING'S POINT SURVEYS, INC.

WELL LOCATION NOTE:
ALL EXISTING WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100 FEET OF PROPERTY BOUNDARIES AND 200 FEET DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NOTE:
THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.

BOUNDARY AND LOCATION NOTE:

THE LOT BOUNDARY IS TAKEN FROM THE RECORD DEED RECORDED IN THE HOWARD COUNTY LAND RECORDS IN LIBER 0996 FOLIO 664. THE HOUSE AND SEPTIC AREA LOCATION ARE TAKEN FROM THE PREVIOUSLY APPROVED SITE DEVELOPMENT PLAN.

CERTIFICATION OF COMPLIANCE WITH OWNERSHIP WIDTH AND LOT AREA REQUIREMENTS FOR LOTS CREATED AFTER 1985:

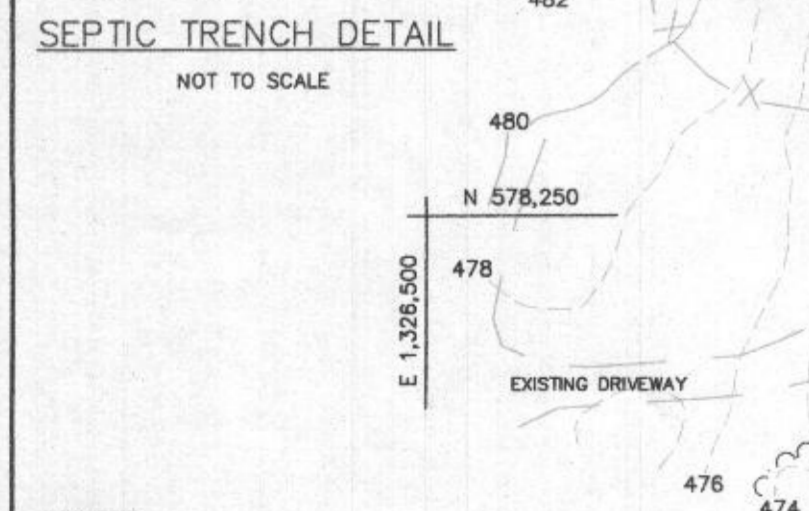
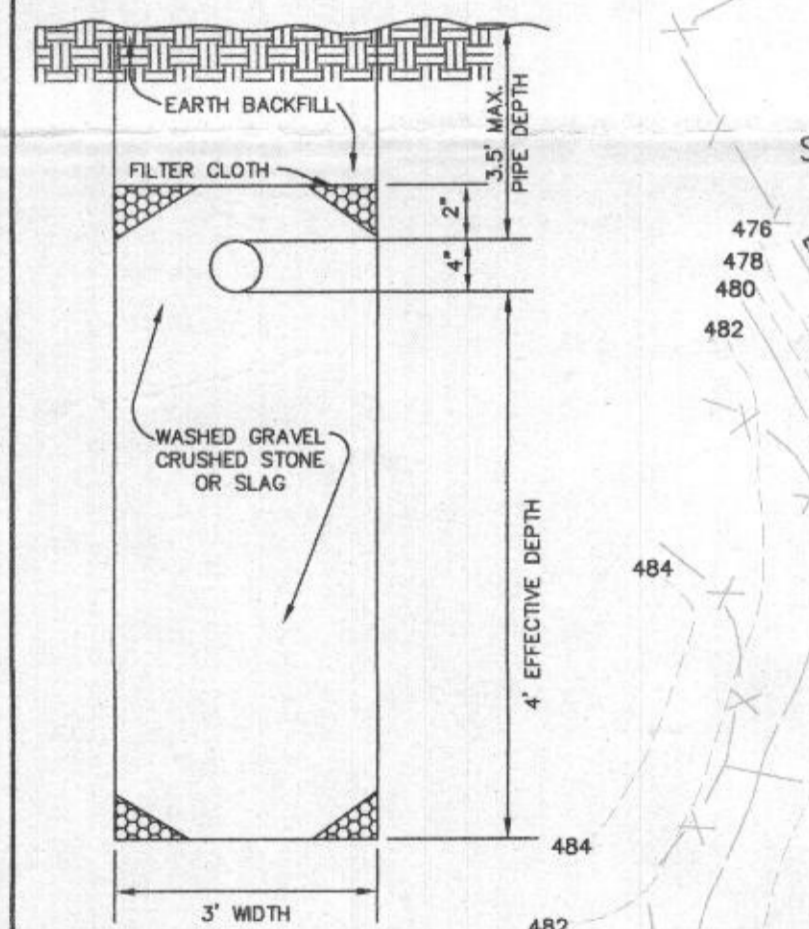
THE LOT SHOWN HEREIN COMPLIES WITH THE MINIMUM WIDTH AND LOT AREA REQUIREMENTS FOR LOT AREA AS REQUIRED BY MARYLAND DEPARTMENT OF ENVIRONMENT.

SEPTIC SYSTEM NOTE:

THE NEW SEPTIC SYSTEM WILL BE INSTALLED AND THE OLD SYSTEM WILL BE ABANDONED PRIOR TO BUILDING PERMIT APPROVAL.

SEPTIC TRENCH DESIGN NOTE:

THE SEPTIC TRENCHES SHOWN ON THIS PLAN WERE SIZED BASED ON 5 BEDROOMS, A LOADING RATE OF 1.2 AND A SIDEWALL REDUCTION 0.3571 FOR THE INITIAL AND REPLACEMENT TRENCHES.



NOTE
PLEASE NOTE THAT THIS PLAN WAS PREPARED WITHOUT BENEFIT OF A SURVEY.

OWNER/DEVELOPER:
KEVIN AND DIANE OCONNOR
12541 FOLLY QUARTER ROAD
ELLCOTT CITY, MD. 21042
410-491-2781
EMAIL: KWOOCONNOR@YAHOO.COM

PROFESSIONAL CERTIFICATION

ALL OF THE ENGINEERING ON THIS PLAN HAS BEEN PROVIDED BY ANAREX, INC. UNDER THE DIRECT SUPERVISION OF MICHAEL J. WERNER, A DULY LICENSED PROFESSIONAL ENGINEER

PROFESSIONAL CERTIFICATION: I, MICHAEL J. WERNER, 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. 23380, EXPIRATION DATE 8-19-18.

Signature: *[Signature]* Date: 5/2/18

Name: Michael J. Werner
Firm Name: ANAREX, INC.
Address: 303 NAJLES ROAD, SUITE 114
MILLERSVILLE, MD. 21108-2512

SEPTIC TRENCH DESIGN CALCULATION

INITIAL TRENCHES
5 X 150 = 625 = 208.33 X 0.3571 = 75 LINEAR FEET
1.20 3

1ST REPLACEMENT TRENCHES
5 X 150 = 625 = 208.33 X 0.3571 = 75 LINEAR FEET
1.20 3

2ND REPLACEMENT TRENCHES
5 X 150 = 625 = 208.33 X 0.3571 = 75 LINEAR FEET
1.20 3

SEPTIC SYSTEM INFORMATION

INV. OUT OF HOUSE.....466.53
INV. IN SEPTIC TANK.....465.25
INV. OUT OF SEPTIC TANK.....463.00
TOP OF SEPTIC TANK.....466.00
GROUND ELEV. OVER SEPTIC TANK.....467.25
INV. IN DIST. BOX.....N/A
INV. OUT OF DIST. BOX.....N/A
GROUND ELEV. OVER DIST. BOX.....N/A

DEVELOPMENT PLAN

SCALE: 1"=50'

SEPTIC TRENCH INFORMATION

TRENCH 1-1
TRENCH LENGTH 75 LIN. FT.
GROUND ELEVATION 463.00
INVERT ELEVATION 460.00
BOTTOM ELEVATION 455.00

TRENCH 2-1
TRENCH LENGTH 75 LIN. FT.
GROUND ELEVATION 463.00
INVERT ELEVATION 450.70
MAX. BOTTOM ELEVATION 445.70

TRENCH 3-1
TRENCH LENGTH 75 LIN. FT.
GROUND ELEVATION 451.90
INVERT ELEVATION 448.90
BOTTOM ELEVATION 443.90

MAF & ASSOCIATES, LLC IS RESPONSIBLE ONLY FOR THE PROCESSING OF ALL DOCUMENTS TO THE LOCAL APPROVING AUTHORITY FOR PLAN APPROVAL.

M.A.F. & ASSOCIATES, LLC

526 HOODS MILL ROAD
WOODBINE, MD 21797
PHONE: 410-552-5541
FAX: 410-552-5541
EMAIL: MPORGEN@AOL.COM

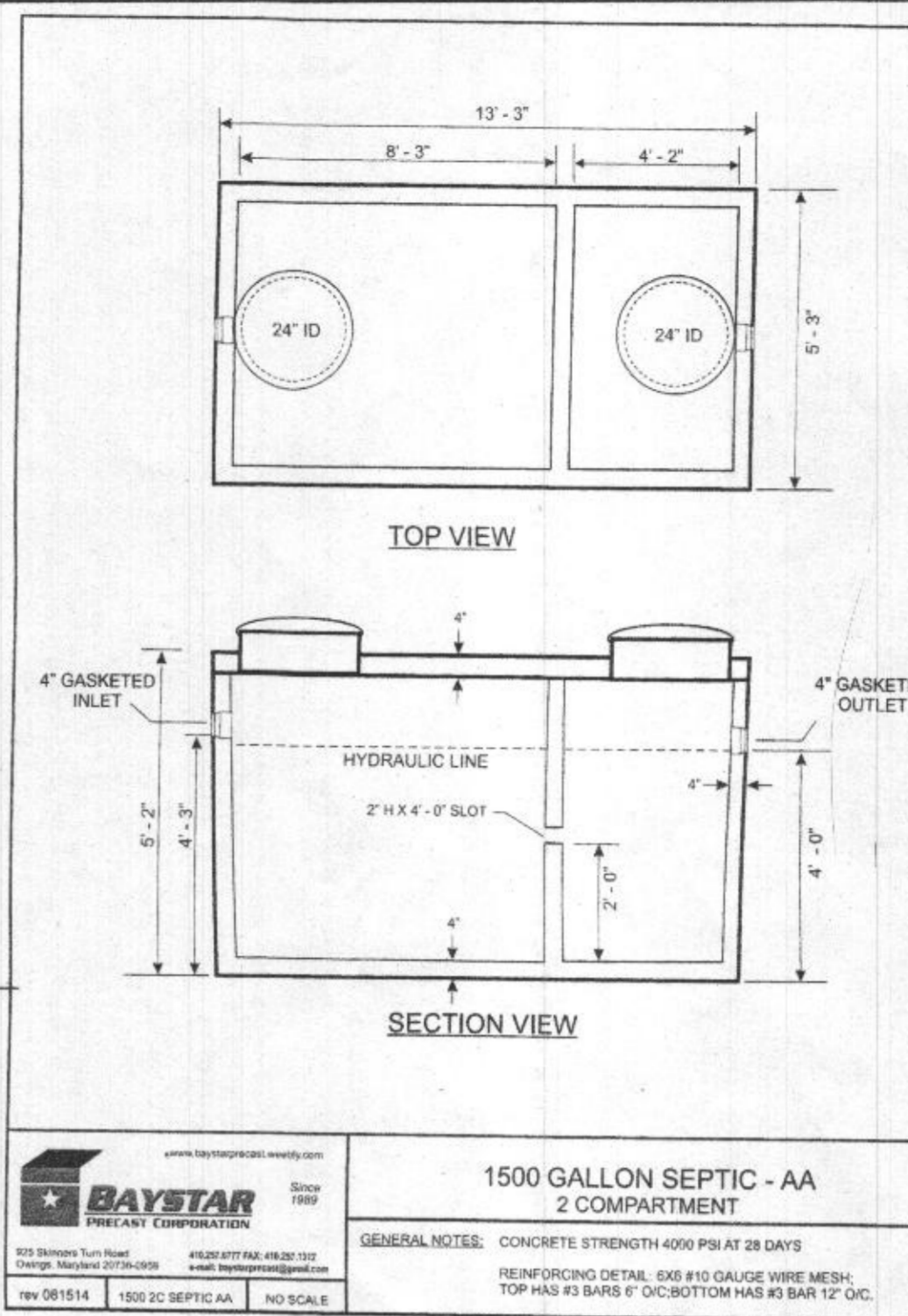
ONSITE SEWAGE DISPOSAL SYSTEM PLAN

GLENELG MANOR
LOT 4-C
12541 FOLLY QUARTER ROAD
ELLCOTT CITY MD. 21042

TAX MAP 22 BLOCK 23 PARCEL 338 TAX ACCOUNT #: 5-358345 ZONING: RR-DEO
DATE DRAWN: MAY 3, 2018

5TH ASSESSMENT DISTRICT HOWARD COUNTY, MARYLAND

SHEET 1 of 1



VICINITY MAP
SCALE: 1" = 2,000'
ADC MAP: 10, GRID: D12
Copyright: ADC The Map People
Permitted Use Number 20811204

SUBJECT PROPERTY LOCATION
THIS SITE LIES ON THE SOUTH SIDE OF FOLLY QUARTER ROAD APPROXIMATELY 1,160' EAST OF JUMPERS HILL LAKE.

SITE DATA

PROPERTY ADDRESS: 12541 FOLLY QUARTER ROAD
ELLCOTT CITY, MD. 21042

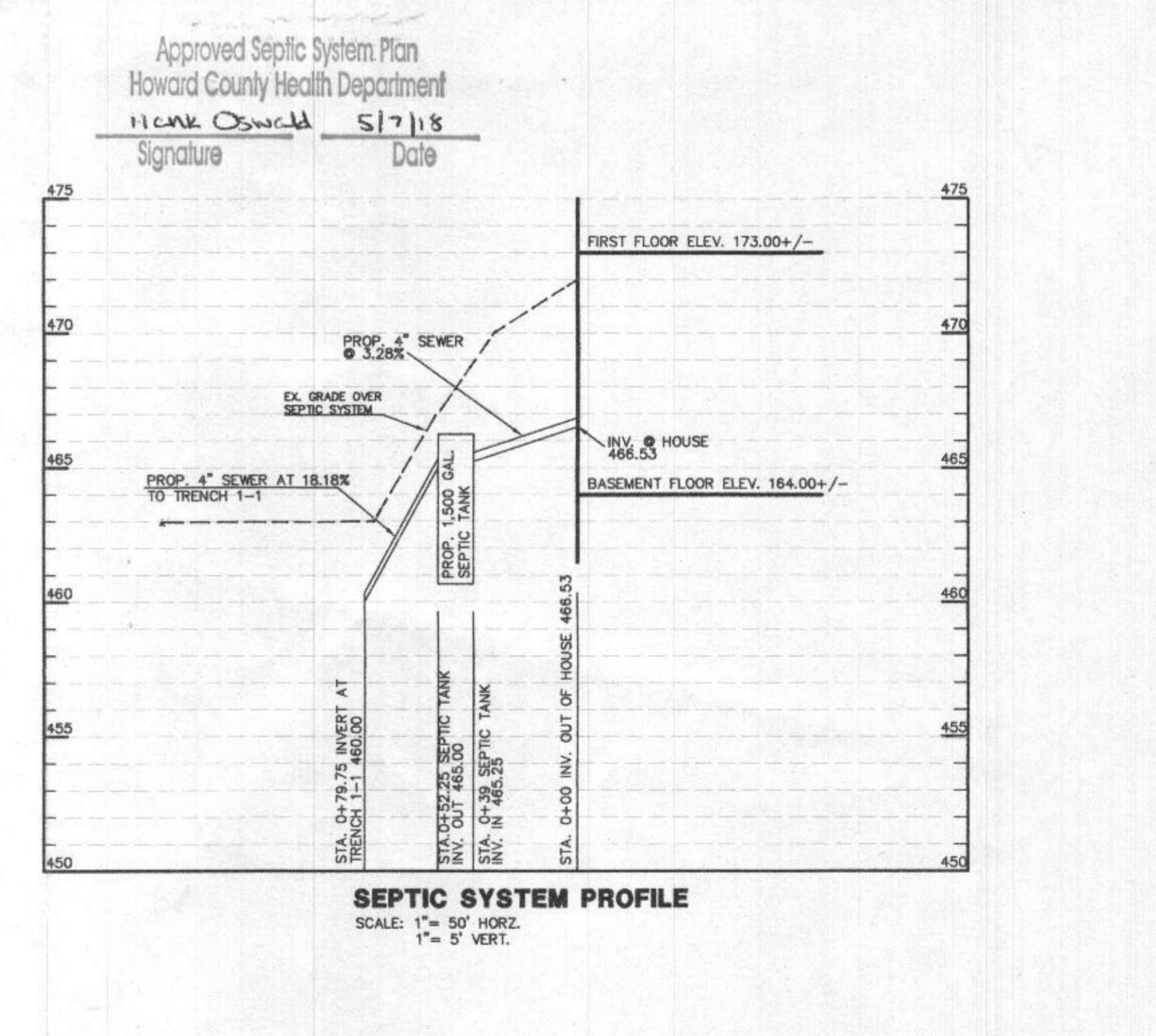
OWNER AND DEVELOPER: KEVIN AND DIANE OCONNOR
12541 FOLLY QUARTER ROAD
ELLCOTT CITY, MD. 21042
410-491-2781
EMAIL: KWOOCONNOR@YAHOO.COM

COUNSEL: MICHAEL L. WEILAND, ESQ.
DAVIS AGNOR RAPAPORT & SKALNY LLC
10211 WINDCOPIN CIRCLE, SUITE 600
PHONE: 410-989-3800
EMAIL: MWEILAND@DARS.LAW.COM

EXISTING USE: SINGLE FAMILY DWELLING PROPOSED USE: DWELLING ADDITION
EXISTING ZONING: RR-DEO SETBACKS: FRONT: 50', SIDE: 10', REAR: 30'
TAX MAP: 22 BLOCK: 23 PARCEL: 338 LOT: 4C
ELECTION DISTRICT: 5
TAX ACCOUNT NUMBER: 5-358345
CRITICAL AREA: N/A
TOTAL SITE AREA: 5.016 ACRES 218,466 SQUARE FEET
ABOVE GRADE FLOOR AREA: 2,242 SQUARE FEET

GENERAL NOTES

1. ANY CHANGES 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 EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
4. THE EXISTING WELL (TAG # HO 73-1078) AND SEPTIC SYSTEM COMPONENTS HAVE BEEN FIELD LOCATED AND SHOWN ACCURATELY ON THE PLAN.
5. 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] 5/2/18
Signature Date