



HOWARD COUNTY HEALTH DEPARTMENT

64027

DATE 10/12/18

PS

Received From

PHONE #

412-2139

Farm & Home
Excavating, Inc.

For

Septic Permit/3314
Sarg Rd.

☐ CASH

☐ CHECK

NO.

17189

Amount needed twenty \$

Dollars

\$ 3916.00

Received By

John



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:

10/12/18

ONSITE SEWAGE DISPOSAL SYSTEM

P

564027

APPROVAL DATE:

12/3/18 SEC

PERMIT: CONSTRUCTION

A

PROPERTY ADDRESS: 3314 S. Sang Road

SUBDIVISION: Holly Hills

LOT: 18

TAX ID:

04-359739

CONTRACTOR:

Farm and Home Excavating

EMAIL:

CONTRACTOR ADDRESS:

901 Driver Road, Marriottsville, MD 21104

PHONE:

410-442-2139

PROPERTY OWNER:

Stephen & Guilia Sikorski

EMAIL:

OWNER ADDRESS:

7302 Shady Glen Drive, Columbia, MD 21046

PHONE:

443-221-3205

SEPTIC TANK SIZE (GALLONS):

1500

TANK MANUFACTURER:

Babylon

PUMP MODEL:

PUMP SIZE

PUMP TANK CAPACITY:

DISTRIBUTION SYSTEM:



GRAVITY



PRESSURE DOSED

BEDROOMS:

4

APPLICATION RATE:

0.8

TRENCHES:	LINEAR FEET REQUIRED:	375	INLET DEPTH:	4
	TRENCH WIDTH:	2	MAXIMUM BOTTOM DEPTH:	6.5
	MINIMUM SPACE BETWEEN TRENCHES:	6	EFFECTIVE AREA BEGINNING DEPTH:	5.5
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.			
NOTES:				

ISSUED BY:

Hank Oswald

ISSUE DATE:

10/12/18

EXPIRATION DATE:

10/12/19

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 TANKS REQUIRED

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

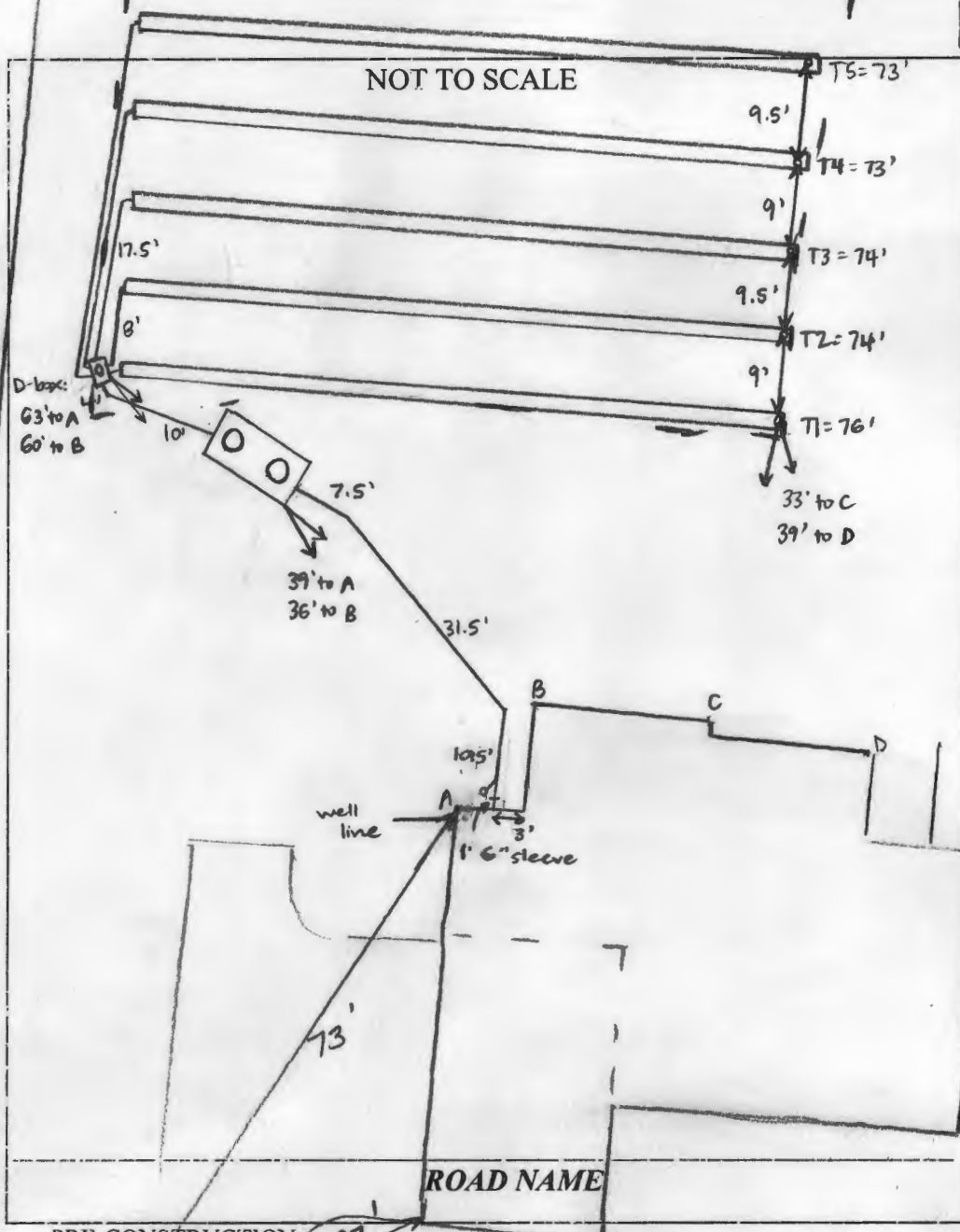
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE
SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

1" = 20'

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	6.5'
NUMBER OF TRENCHES		5
TOTAL LENGTH		370'
ABSORPTION AREA		740' + 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	1-2'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT + REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	YES
DATE ON LID	11-3-10 (per contractor)

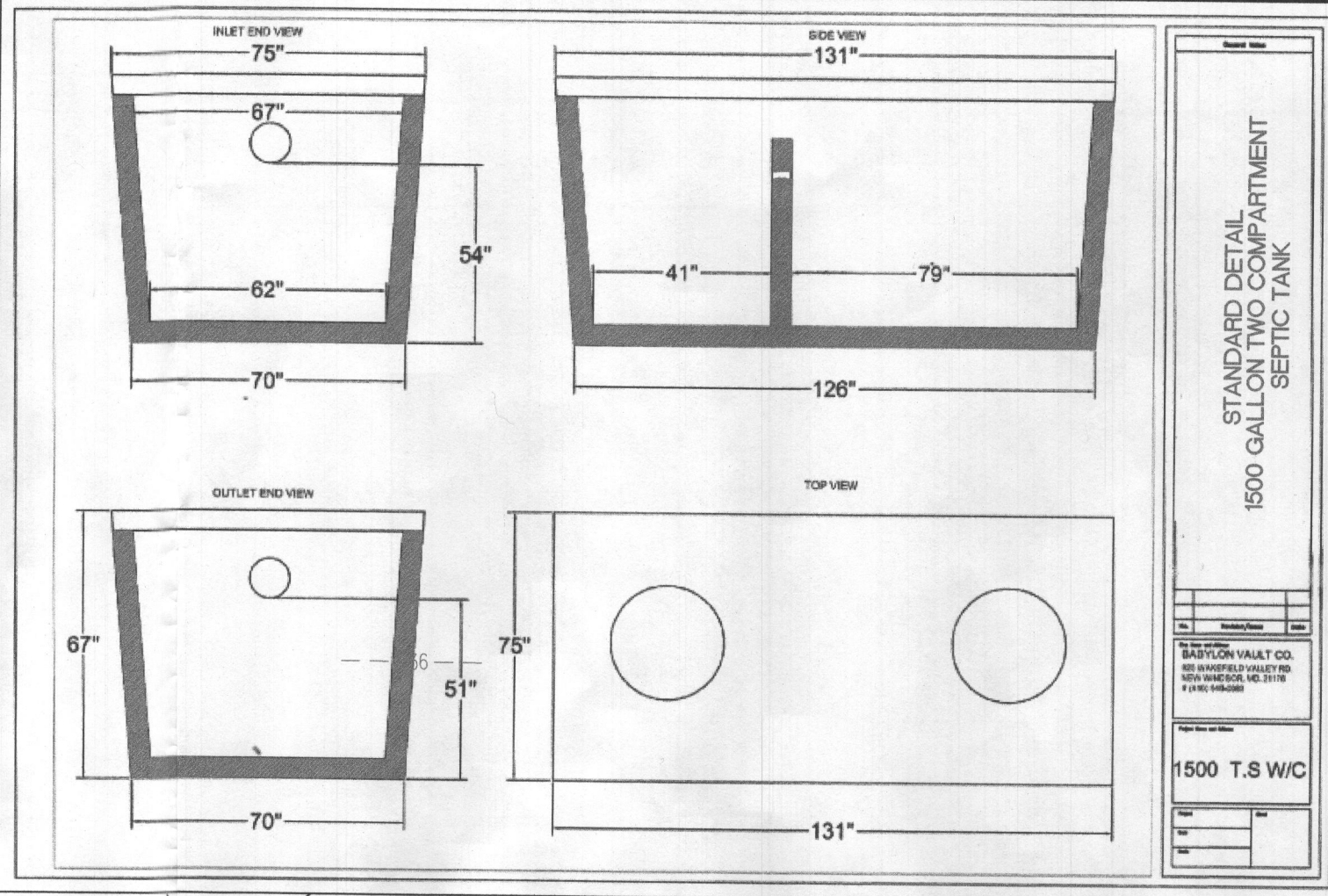
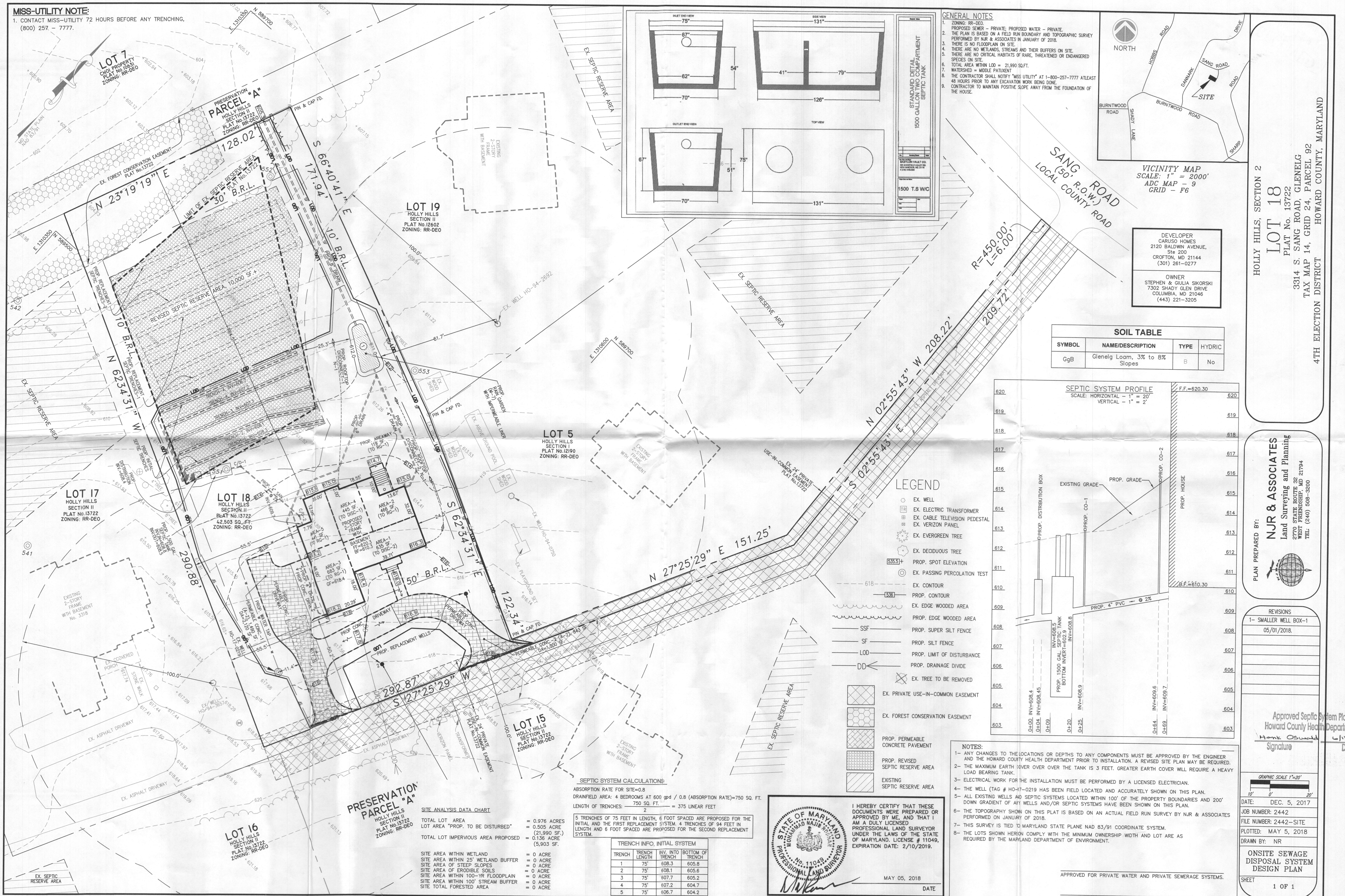
~~| PUMP/SEPTIC TANK LEVEL | |
|------------------------|-----|
| MANUFACTURER | |
| CAPACITY | GAL |
| SEAM LOC | |
| TANK LID DEPTH | |
| BAFFLES | |
| BAFFLE FILTER | |
| MANHOLE LOC | |
| 6" PORT LOC | |
| WATERTIGHT TEST | |
| SLOTTED | |
| DATE ON LID | |~~

PRE-CONSTRUCTION:

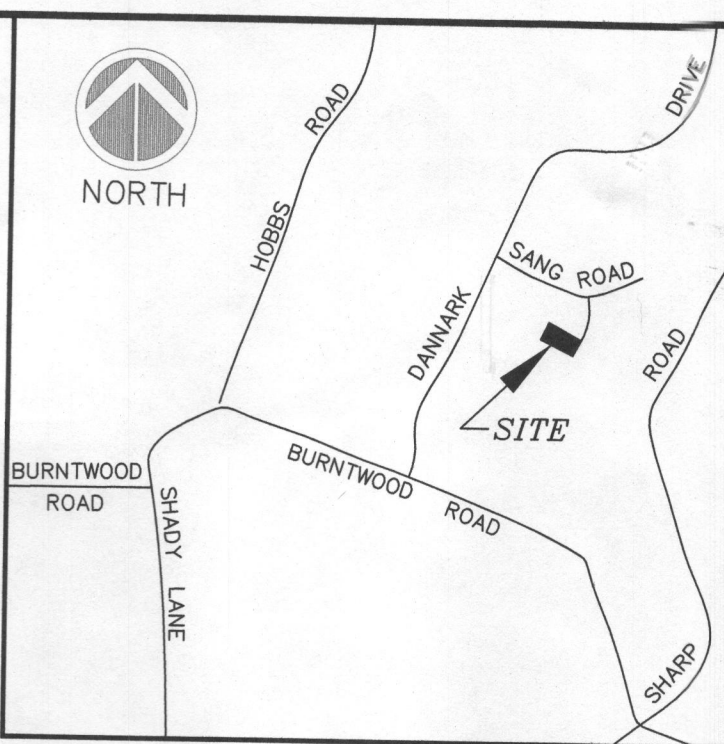
10/23/18 Tank location staked, may want to turn tank slightly
 Contractor informed. SDA corner staked. Could not do layout, large amount
 of fill/spill piles need to be removed. OK to set tank
 while. (K) 11/29/18 Met Bill with Farm + Home on site to layout trenches. Pile of dirt
 that was in SDA now gone. Laid out 5 x 75' trenches, 8' CTC. (S)

INSTALLATION: 11/19/18 House connection made + tank set. Need dirt moved out of SDA prior to
 layout of trenches. (S) 11/29/18 D-box installed. Contractor to start digging trenches. (S)
 11/30/18 T1-T3 complete. T1-T2 left open at ends for inspection + T3 left open. 2' wide, 3.5' to
 stone. (S) 12/3/18 T4-T5 complete + left open at ends for inspection. Tar seals around inlet +
 outlet pipes of D-box. Labeled speed levelers in D-box. (S)

MISS-UTILITY NOTE:
1. CONTACT MISS-UTILITY 72 HOURS BEFORE ANY TRENCHING.
(800) 257-7777.



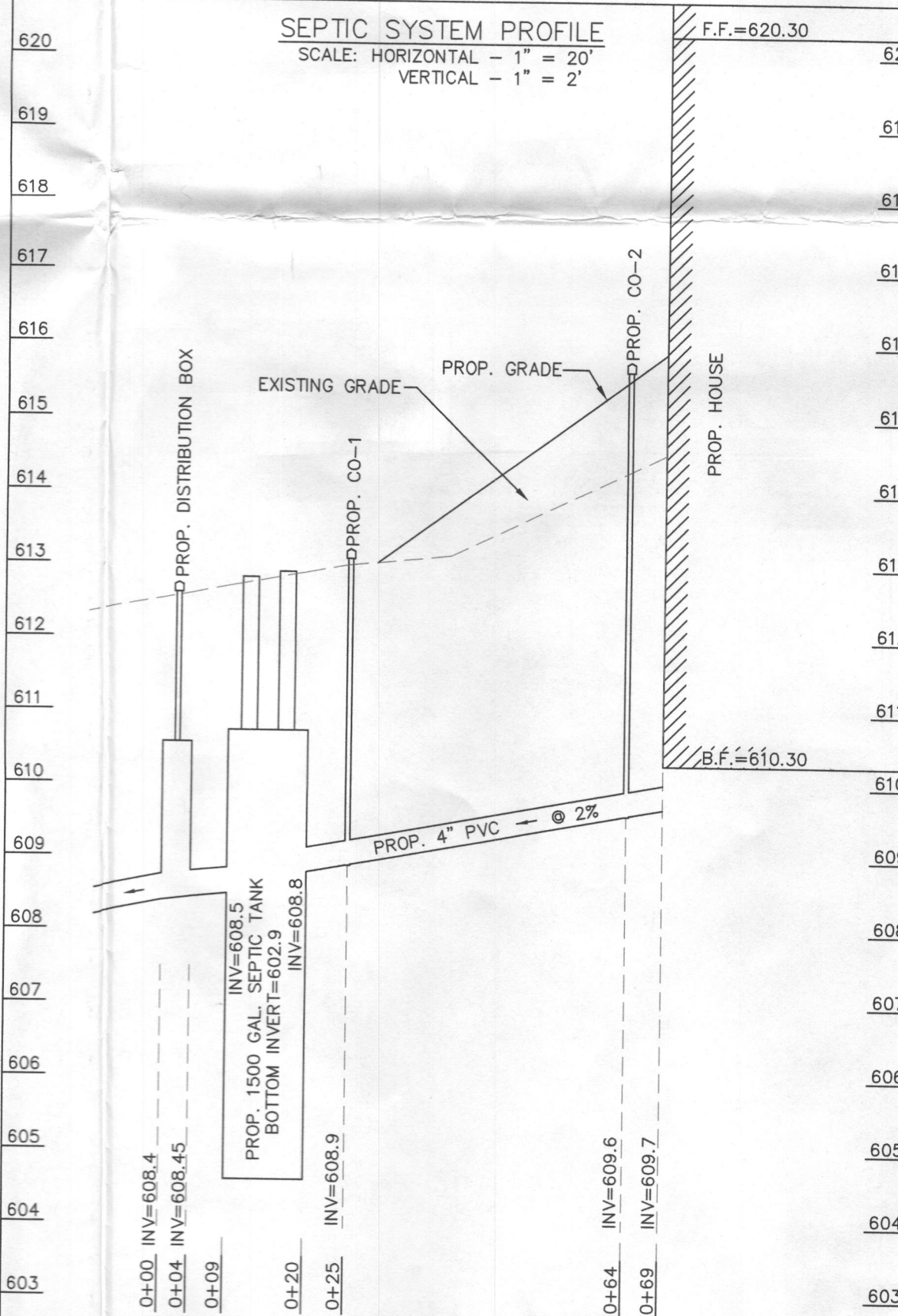
- GENERAL NOTES
1. ZONING: RR-DEO.
 2. PROPOSED SEWER - PRIVATE; PROPOSED WATER - PRIVATE.
 3. THE PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY NJR & ASSOCIATES IN JANUARY OF 2018.
 4. THERE IS NO FLOODPLAIN ON SITE.
 5. THERE ARE NO WETLANDS, STREAMS AND THEIR BUFFERS ON SITE.
 6. THERE ARE NO CRITICAL HABITATS OF RARE, THREATENED OR ENDANGERED SPECIES ON SITE.
 7. TOTAL AREA WITHIN LOD = 21,990 SQ. FT.
 8. WATERSHED = MIDDLE PATENT.
 9. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
 10. CONTRACTOR TO MAINTAIN POSITIVE SLOPE AWAY FROM THE FOUNDATION OF THE HOUSE.



DEVELOPER
CARLSON HOMES
2120 BALDWIN AVENUE,
Ste 200
CROFTON, MD 21114
(301) 261-0277

OWNER
STEPHEN & GIULIA SIKORSKI
7302 SHADY GLEN DRIVE
COLUMBIA, MD 21046
(443) 221-3205

SOIL TABLE			
SYMBOL	NAME/DESCRIPTION	TYPE	HYDRIC
GgB	Glenelg Loam, 3% to 8% Slopes	B	No



- LEGEND
- EX. WELL
 - EX. ELECTRIC TRANSFORMER
 - EX. CABLE TELEVISION PEDESTAL
 - EX. VERIZON PANEL
 - EX. EVERGREEN TREE
 - EX. DECIDUOUS TREE
 - PROP. SPOT ELEVATION
 - EX. PASSING PERCOLATION TEST
 - EX. CONTOUR
 - PROP. CONTOUR
 - EX. EDGE WOODED AREA
 - PROP. EDGE WOODED AREA
 - PROP. SUPER SILT FENCE
 - PROP. SILT FENCE
 - PROP. LIMIT OF DISTURBANCE
 - PROP. DRAINAGE DIVIDE
 - EX. TREE TO BE REMOVED
 - EX. PRIVATE USE-IN-COMMON EASEMENT
 - EX. FOREST CONSERVATION EASEMENT
 - PROP. PERMEABLE CONCRETE PAVEMENT
 - PROP. REVISED SEPTIC RESERVE AREA
 - EXISTING SEPTIC RESERVE AREA

SEPTIC SYSTEM CALCULATIONS:
ABSORPTION RATE FOR SITE=0.8
DRAINFIELD AREA: 4 BEDROOMS AT 600 gpd / 0.8 (ABSORPTION RATE)=750 SQ. FT.
LENGTH OF TRENCHES: 750 SQ. FT. = 375 LINEAR FEET

5 TRENCHES OF 75 FEET IN LENGTH, 6 FOOT SPACED ARE PROPOSED FOR THE INITIAL AND THE FIRST REPLACEMENT SYSTEM. 4 TRENCHES OF 94 FEET IN LENGTH AND 6 FOOT SPACED ARE PROPOSED FOR THE SECOND REPLACEMENT SYSTEM.

TRENCH INFO, INITIAL SYSTEM			
TRENCH	TRENCH LENGTH	INV. INTO TRENCH	BOTTOM OF TRENCH
1	75'	608.3	605.8
2	75'	608.1	605.6
3	75'	607.7	605.2
4	75'	607.2	604.7
5	75'	606.7	604.2

SITE ANALYSIS DATA CHART

TOTAL LOT AREA	= 0.976 ACRES
LOT AREA "PROP. TO BE DISTURBED"	= 0.505 ACRES
TOTAL LOT IMPERVIOUS AREA PROPOSED	= (21,990 SF.)
	= 0.136 ACRE (5,903 SF.)

SITE AREA WITHIN WETLAND	= 0 ACRE
SITE AREA WITHIN 25' WETLAND BUFFER	= 0 ACRE
SITE AREA OF STEEP SLOPES	= 0 ACRE
SITE AREA OF ERODIBLE SOILS	= 0 ACRE
SITE AREA WITHIN 100-YR FLOODPLAIN	= 0 ACRE
SITE AREA WITHIN 100' STREAM BUFFER	= 0 ACRE
SITE TOTAL FORESTED AREA	= 0 ACRE

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE # 11049, EXPIRATION DATE: 2/10/2019.

MAY 05, 2018

DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT. DATE

HOLLY HILLS, SECTION 2

LOT 18

PLAT No. 13722

3314 S. SANG ROAD, GLENELG

TAX MAP 14, GRID 24, PARCEL 92

4TH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

PLAN PREPARED BY:

NJR & ASSOCIATES

Land Surveying and Planning

2770 STATE ROUTE 32
WEST FRIENDSHIP, MD 21794
TEL: (240) 508-3500

REVISIONS

1- SMALLER WELL BOX-1	05/01/2018.
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Approved Septic System Plan
Howard County Health Department

Signature: *Mark Osmond* Date: *6/13/18*

GRAPHIC SCALE 1"=20'

DATE: DEC. 5, 2017

JOB NUMBER: 2442

FILE NUMBER: 2442-SITE

PLOTTED: MAY 5, 2018

DRAWN BY: NR

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

SHEET 1 OF 1

PLAN PREPARED BY:

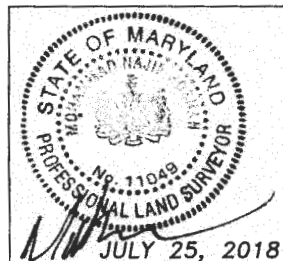
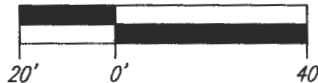
NJR & ASSOCIATES

Land Surveying and Planning

2770 STATE ROUTE 32
WEST FRIENDSHIP, MD 21794
TEL: (240) 508-3200



GRAPHIC SCALE 1"=40'



LOT 19

HOLLY HILLS
SECTION II
PLAT No.12602
ZONING: RR-DEO

10/12/18
wall check
okay H.C.

LOT 5

HOLLY HILLS
SECTION I
PLAT No.12190
ZONING: RR-DEO

LOT 18

HOLLY HILLS
SECTION II
PLAT No.13722
42,503 SQ. FT.
ZONING: RR-DEO

POURED CONCRETE
FOUNDATION
TOP WALL=617.8

TO SANG ROAD

LOT 15

SECTION II
PLAT No.13722
ZONING: RR-DEO

LOT 7
CHOI PROPERTY
PLAT No.10651
ZONING: RR-DEO

PARCEL "A"

FOREST CONSERVATION EASEMENT

EX. SEPTIC RESERVE AREA

LOT 17

HOLLY HILLS
SECTION II
PLAT No.13722
ZONING: RR-DEO

ADDRESS:

3314 SANG ROAD
GLENWOOD, MARYLAND 21738

NOTES:

1. THE LEVEL OF ACCURACY SETBACK DISTANCES IS ONE TENTH OF A FOOT, MORE OR LESS.
2. THIS PLAT WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT

LOT 16

HOLLY HILLS
SECTION II
PLAT No.13722
ZONING: RR-DEO

**WALL CHECK
HOLLY HILLS, SECTION 2
LOT 18**

PLAT NUMBER 13722
TAX MAP 14, GRID 24, PARCEL 92
3314 SANG ROAD, GLENWOOD, MD 21737
3RD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: 1" = 40' DATE: JULY 24, 2018

14305

Fox Creek Ct.

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

MEMORANDUM

TO: NJR & Associates
2770 Route 32
West Friendship, MD 21794

FROM: Hank Oswald, L.E.H.S.
Well & Septic Program

RE: OSDS Plan
Hudson Property, Holly Hills, Section 2
Map: 41, Parcel: 92, Lot 18

Date: May 8, 2018

The following comments pertain to the review of the OSDS Plan for Hudson Property, Lot 18:

- ✓1.) Minimum spacing between trenches is 10 feet (edge to edge) when using sidewall credit.
- ✓2.) Show sleeve on well line under driveway.
- ✓3.) Add 2 alternate well sites meeting setbacks (i.e. 10 feet to driveway, 10 feet to lot lines, and 15 feet to road) and delete well boxes. Well box must be 1500 sq. ft. and meet all setbacks.
- 4.) Change "Shared Private Use Easements" to "Private Sewage Disposal Area" for legend symbol to match plan.
- ✓5.) Add owner information
- ✓6.) Show perc test hole locations and #s on plan.
- ✓7.) Show neighboring well radius on Lots 19 and 20
- ✓8.) You may be able expand the SDA slightly up the hill toward the well radius to squeeze in an extra trench but it will entail revising the perc cert plan.

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, May 08, 2018 11:57 AM
To: roshannj@aol.com
Subject: OSDS Memo_Hudson Property
Attachments: OSDS Memo_NJR_Hudson_2018.pdf

Hello Mr. Roshan:

Attached, please find memo pertaining to the review of OSDS Plan for Hudson Property. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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