



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: 09/07/2022 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 572167

APPROVAL DATE: 10/13/2022 **PERMIT: CONSTRUCTION**

A _____

PROPERTY ADDRESS: 1750 Florence Road

SUBDIVISION: Mockingbird Forest LOT: 1 TAX ID: _____

CONTRACTOR: JAMIS CREEK EMAIL: _____

CONTRACTOR ADDRESS: _____ PHONE: _____

PROPERTY OWNER: Jeffery & Linda McAllister EMAIL: _____

OWNER ADDRESS: 2610 Mullinix Mill Road PHONE: _____

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: _____

PUMP MODEL: _____ PUMP SIZE _____ PUMP TANK CAPACITY: _____

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>140'</u>	INLET DEPTH: <u>2.5</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY: Hook Oswald 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 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: 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 ATT

OSDS SUPERCEDED

BY WALL CHECK 09/12/2022

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2.5'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		140 F
ABSORPTION AREA		420 SF + 2.5' SIDE WALL
DISTRIBUTION BOX LEVEL		SPED
DISTRIBUTION BOX BAFFLE		CONC.
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	1500 GAL
SEAM LOC	TOP?
TANK LID DEPTH	~1.5'
BAFFLES	YES
BAFFLE FILTER	-
MANHOLE LOC	FRONT/BACK
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	YES
DATE ON LID	08/25/2022

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:

09/29/2022 CONFIRMED 2x 70' TR CONTOUR. (P)

INSTALLATION:

10/03/2022 2x 70' TRS INSTALLED, TANK SET, SL INSTALLED. D Box LEVELED W/ SPED LEVELS. (P) 10/13/2022 VERBAL CONFIRMATION OF SHC INSTALLATION (P)

FINAL INSPECTOR

Handwritten signature of final inspector

DATE OF APPROVAL

16/13/2027

~1:30

HO-95-0516

100' WEIR / POOL well Ave

HOUSE

DRIVE

SHARED DRIVE

NOT TO SCALE

100' WEIR / POOL well Ave
220/2430

SDA

20

4

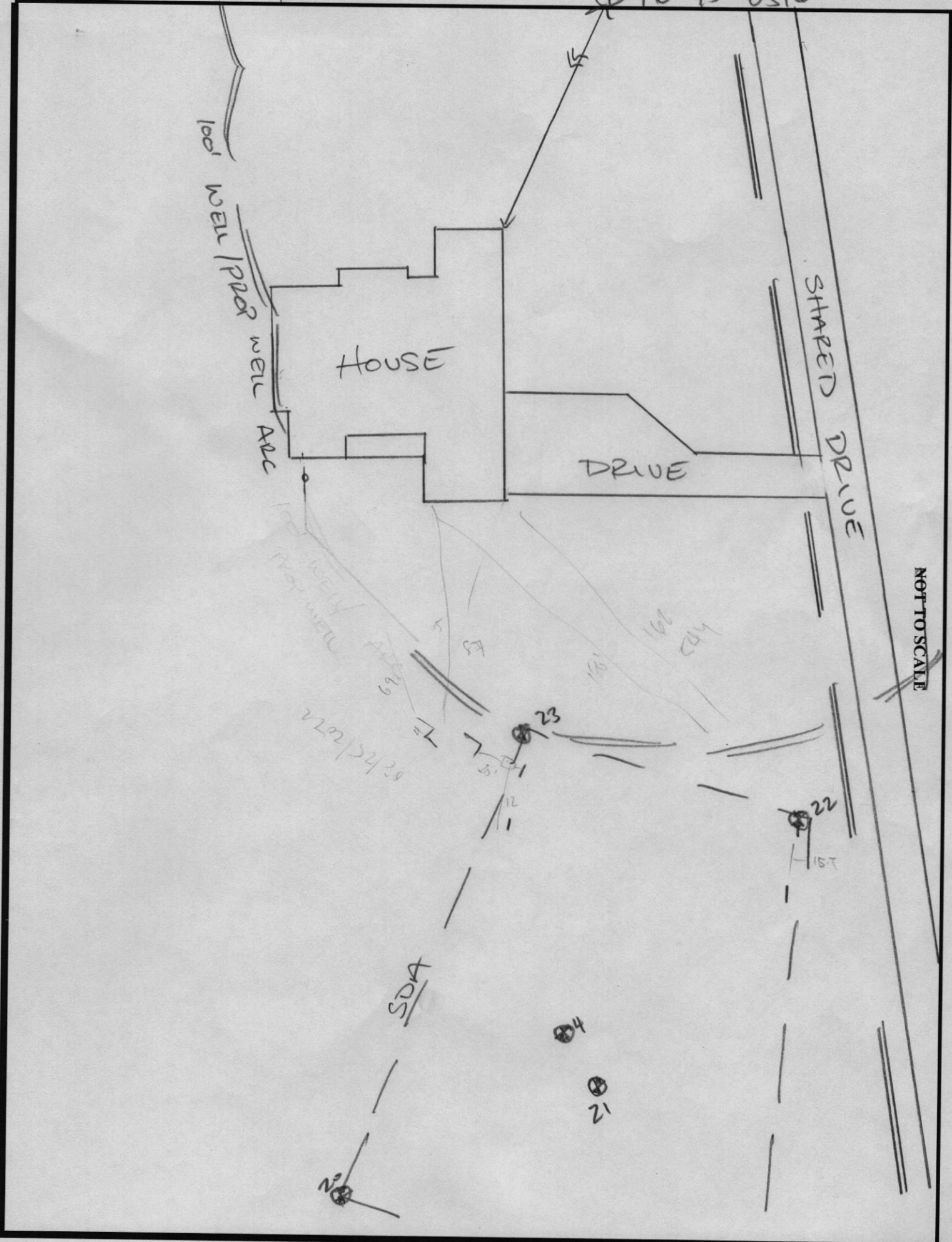
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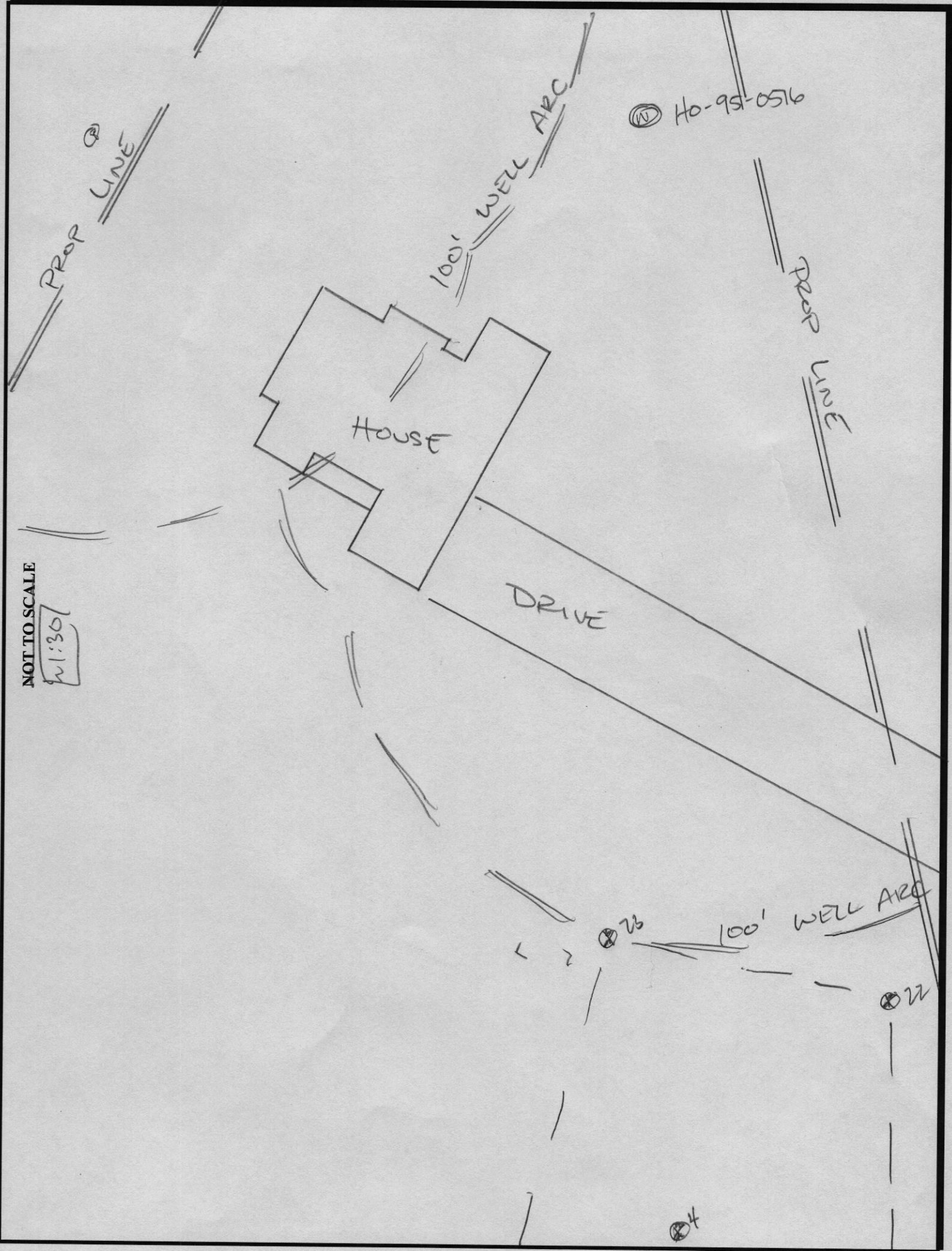
23

22

157

1750 FLORENCE ROAD





W Ho-95-0516

PROP LINE

100' WELL ARC

PROP LINE

HOUSE

DRIVE

100' WELL ARC

23

22

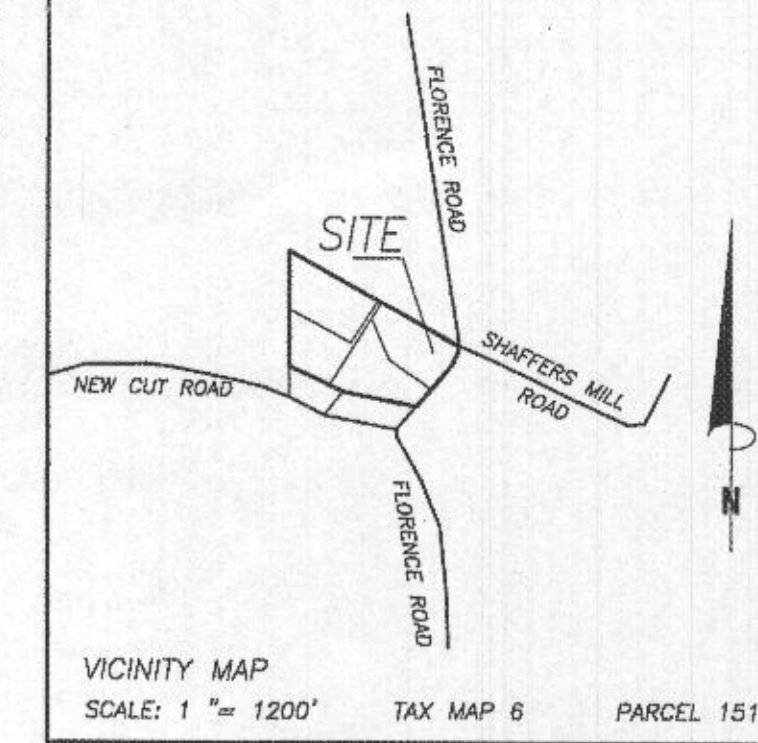
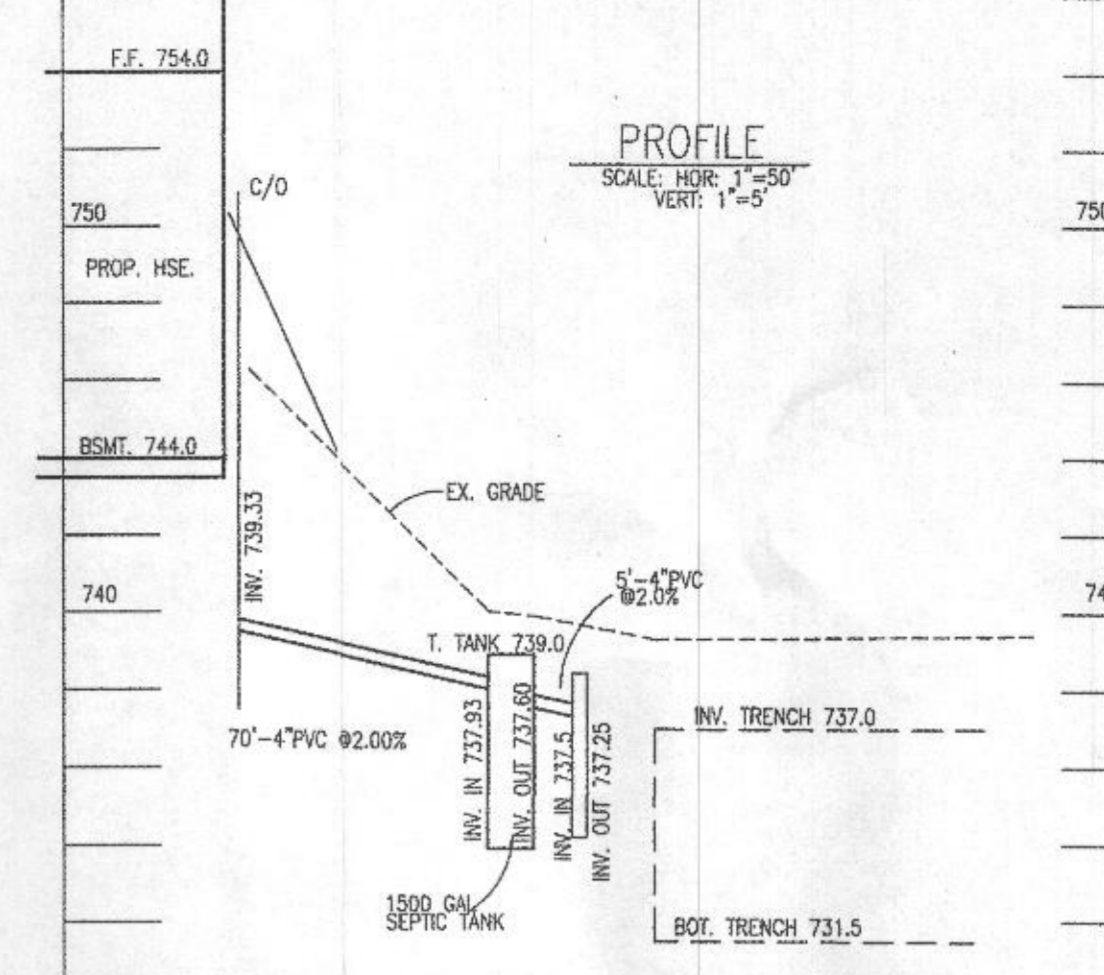
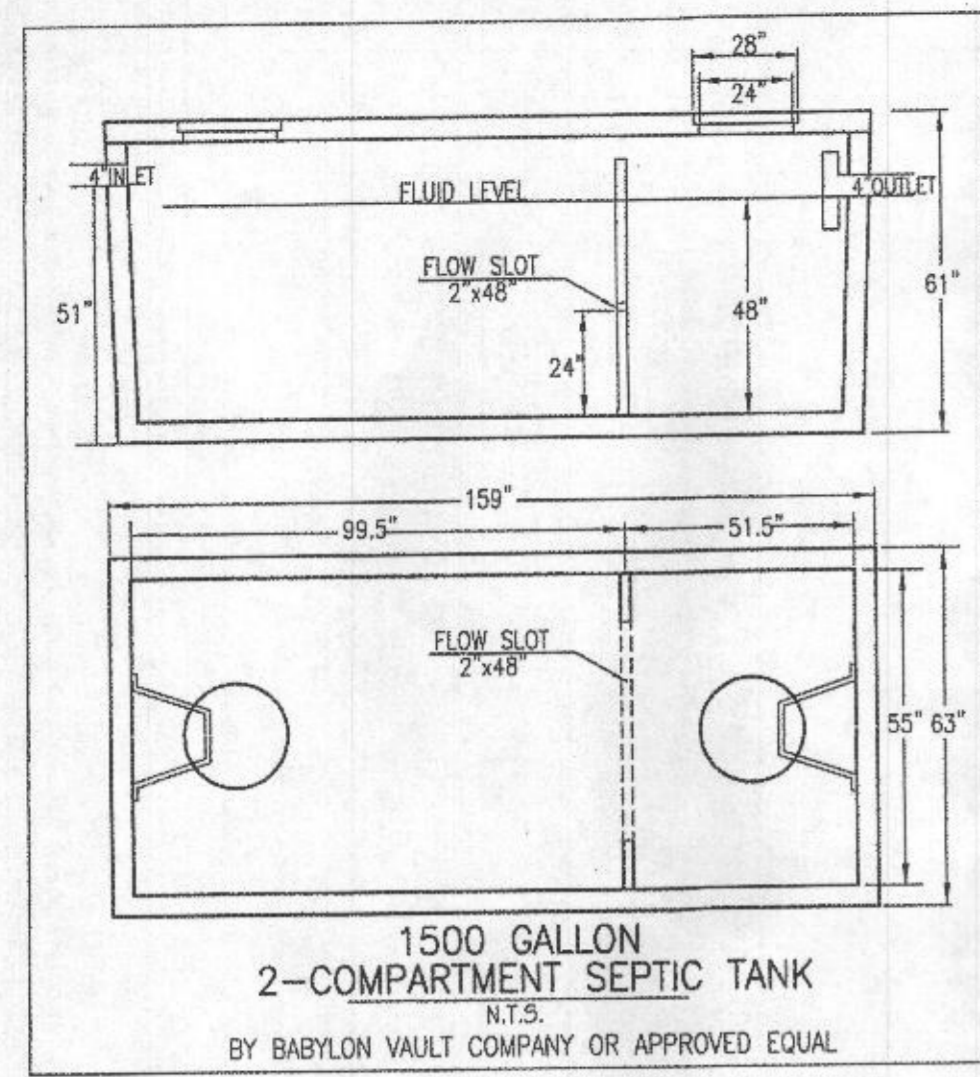
24

1750 FLORENCE ROAD

21

NOT TO SCALE

1:30



- GENERAL NOTES:
- TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - ZONING DISTRICT: RC-DED
 - THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT.
 - 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.
 - ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
 - THE WELL (TAG# HO 95 - 0516) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
 - 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.

SEPTIC SYSTEM TRENCH DESIGN

INITIAL NUMBER OF BEDROOMS = 4
 APPLICATION RATE = 0.8 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 3 BEDROOMS = 600 GPD
 600 GPD / 0.8 GPD/sq.ft. = 750 sq.ft.
 750 sq.ft. / 3 ft. WIDE TRENCH = 250 LF TRENCH
 250 LF TRENCH X 0.56 REDUCTION CREDIT = 140 LF TRENCH
 T1-1 EX. GRD=739.7 -INV. TRENCH=737.2 -B. TRENCH=731.7
 T1-2 EX. GRD=738.1 -INV. TRENCH=735.1 -B. TRENCH=730.1

1st REPLACEMENT
 APPLICATION RATE = 0.8 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 4 BEDROOMS = 600 GPD
 600 GPD / 0.8 GPD/sq.ft. = 750 sq.ft.
 750 sq.ft. / 3 ft. WIDE TRENCH = 250 LF TRENCH
 250 LF TRENCH X 0.625 REDUCTION CREDIT = 156 LF TRENCH
 T2-1 EX. GRD=736.9 -INV. TRENCH=734.4 -B. TRENCH=728.9
 T2-2 EX. GRD=735.8 -INV. TRENCH=733.3 -B. TRENCH=727.8

2nd REPLACEMENT
 APPLICATION RATE = 0.8 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 4 BEDROOMS = 600 GPD
 600 GPD / 0.8 GPD/sq.ft. = 750 sq.ft.
 750 sq.ft. / 3 ft. WIDE TRENCH = 250 LF TRENCH
 250 LF TRENCH X 0.625 REDUCTION CREDIT = 156 LF TRENCH
 T3-1 EX. GRD=734.8 -INV. TRENCH=732.3 -B. TRENCH=726.8
 T3-2 EX. GRD=733.8 -INV. TRENCH=731.3 -B. TRENCH=725.8

Approved Septic System Plan
 Howard County Health Department
 Hank Oswald 8/14/21
 Signature Date

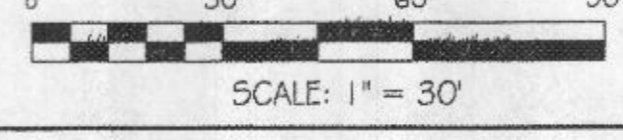
ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
 LOT 1
 MOCKINGBIRD FOREST
 PLAT No. 18776

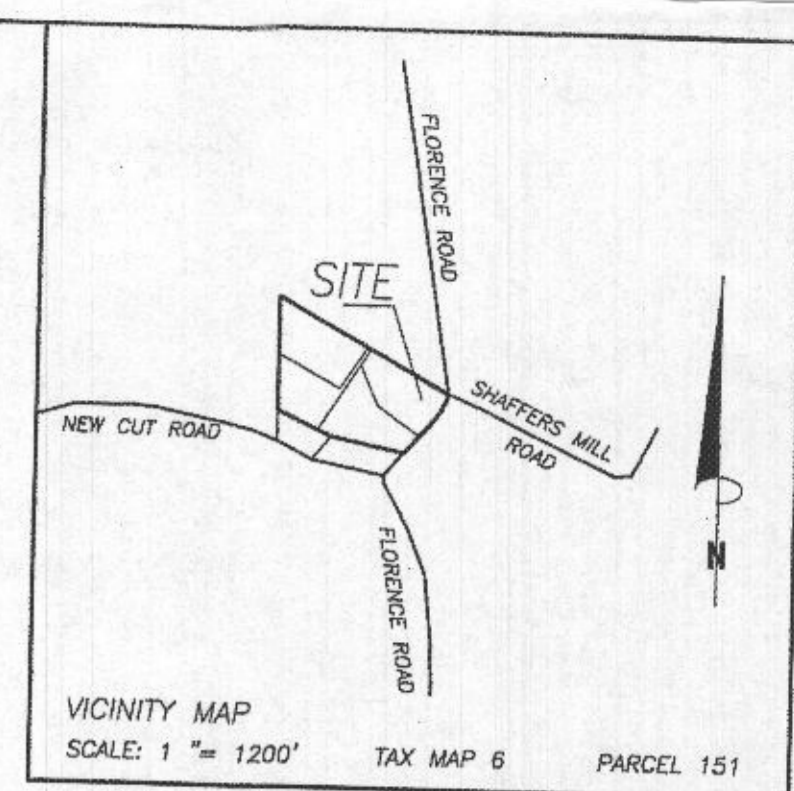
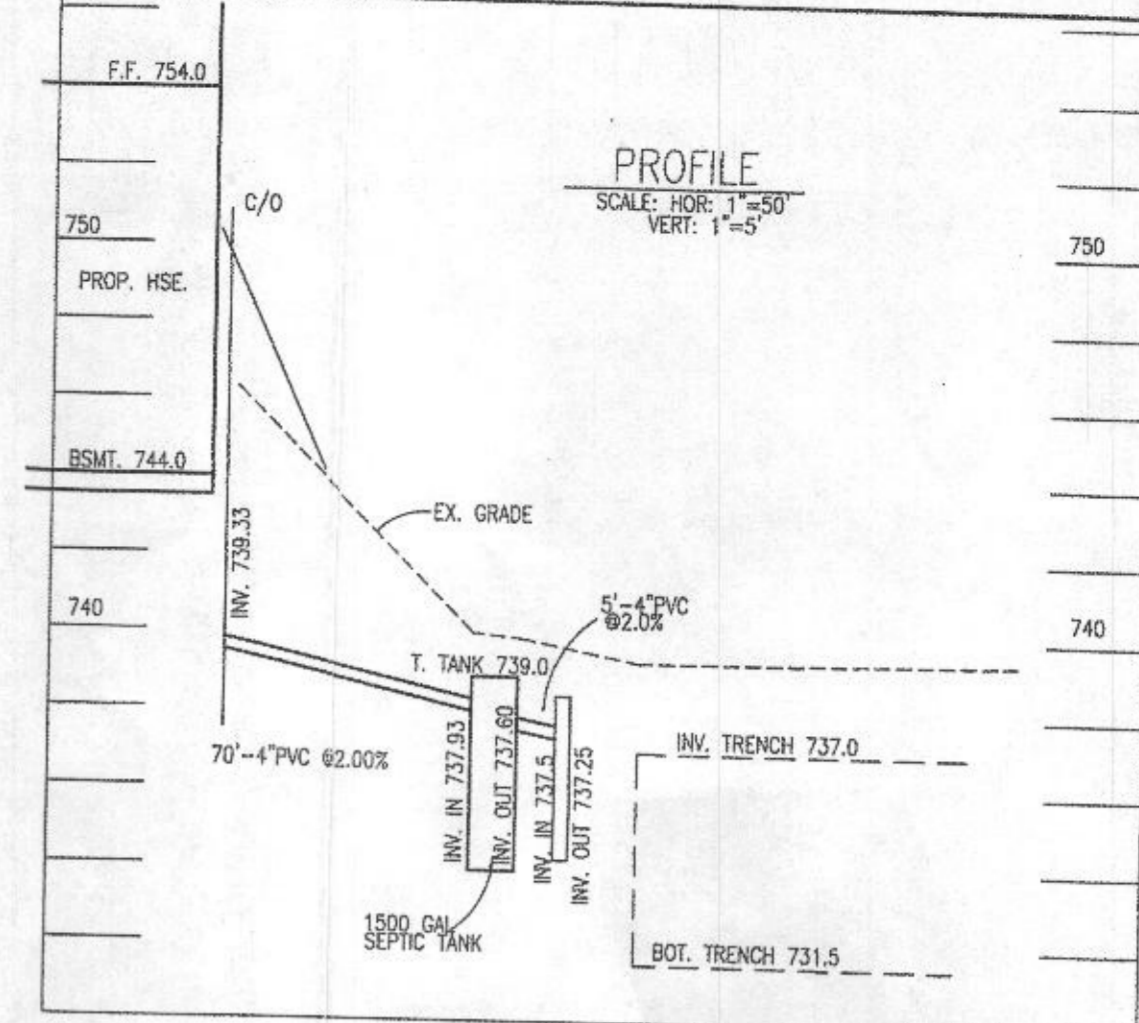
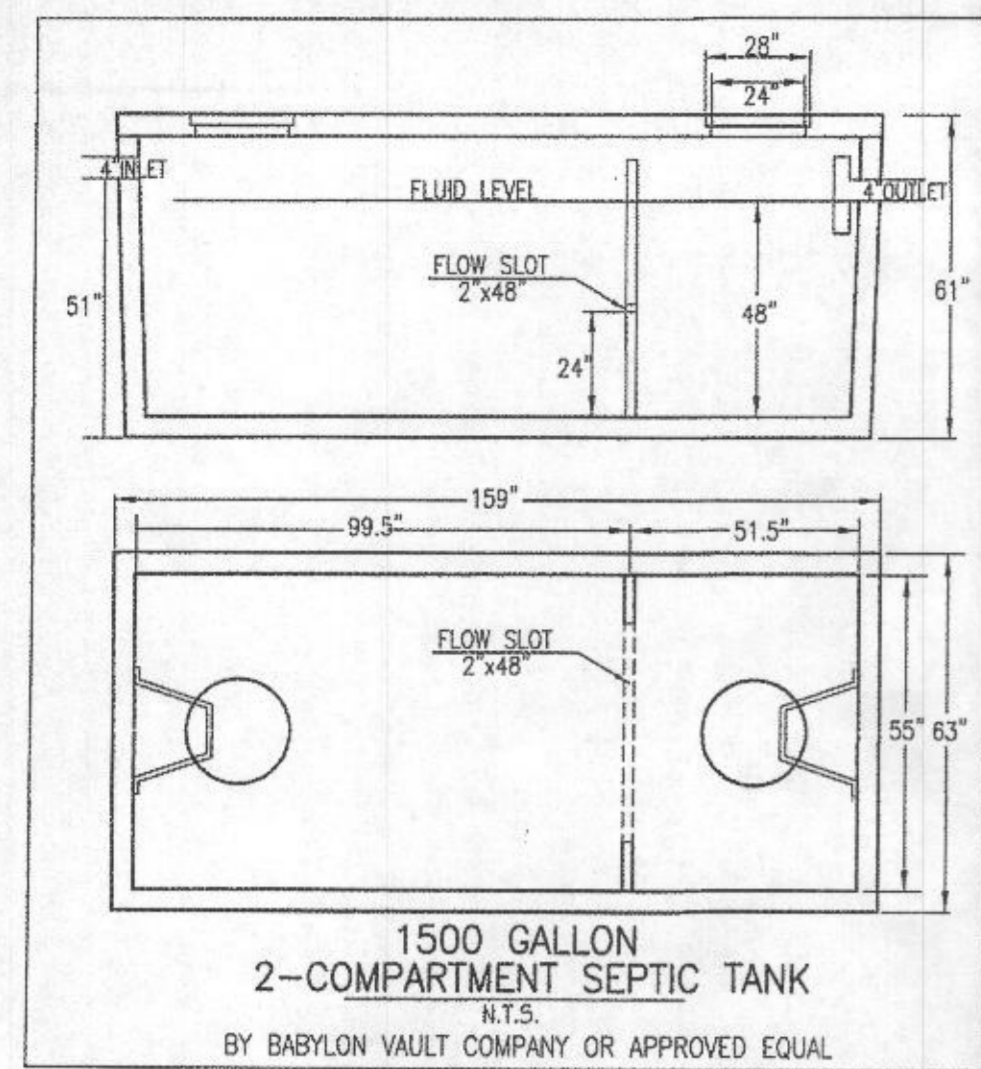
TAX MAP: 6 ELECTION DISTRICT: FOURTH SCALE: 1"=30'
 GRID NO: 24 HOWARD COUNTY, MARYLAND DATE: AUGUST, 2021
 PARCEL NO: 151 EX. ZONING: RCDED SHEET 1 OF 1

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street Mount Airy, Maryland 21771
 (301) 828-2890 (301) 831-5015 (410) 549-2751
 Fax (301) 831-5603 ©Copyright, Latest Date Shown

OWNER:
 JEFFERY & LINDA McALLISTER
 2510 MULLINX MILL ROAD
 MOUNT AIRY, MD 21771

PROFESSIONAL CERTIFICATION
 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. 18417, Expiration Date: 9-18-23.





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SEPTIC SYSTEM TRENCH DESIGN

REPLACEMENT	INITIAL NUMBER OF BEDROOMS	APPLICATION RATE	DESIGN FLOW	250 LF TRENCH X 0.625 REDUCTION CREDIT
1st	4	0.8 GPD / sq.ft.	600 GPD	140 LF TRENCH
2nd	4	0.8 GPD / sq.ft.	600 GPD	156 LF TRENCH

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Approved Septic System Plan
 Howard County Health Department
 Hank Oswald 8/11/21
 Signature Date

DATE	REVISIONS

ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
LOT 1
MOCKINGBIRD FOREST
 PLAT No. 18776

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 GRID NO: 24 HOWARD COUNTY, MARYLAND DATE: AUGUST, 2021
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