

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: 5/24/22 **ONSITE SEWAGE DISPOSAL SYSTEM** P 571566

APPROVAL DATE: 06/14/2022 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 1434 HERITAGE RIDGE ROAD, WOODBINE, MD 21797

SUBDIVISION: LINDEN GROVE, PHASE 2 LOT: 37 TAX ID: 04-603259

CONTRACTOR: CHAVIS ENTERPRISES & SEPTIC SERVICES, LLC EMAIL: Ryan@chavisenterprises.com

CONTRACTOR ADDRESS: 23 EAST ELLENDALE, BELL AIR, MD 21014 PHONE: (410)838-3007

PROPERTY OWNER: TOLL MID-ATLANTIC LP COMPANY, INC EMAIL: nbrandenburg@tollbrothers.com

OWNER ADDRESS: 250 GIBRALTER ROAD, HORSHAM, PA 19044 PHONE: (410)381-3271

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Back River Pre-Cast, LLC

PUMP MODEL: n.a. PUMP SIZE n.a. PUMP TANK CAPACITY: n.a.

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.6

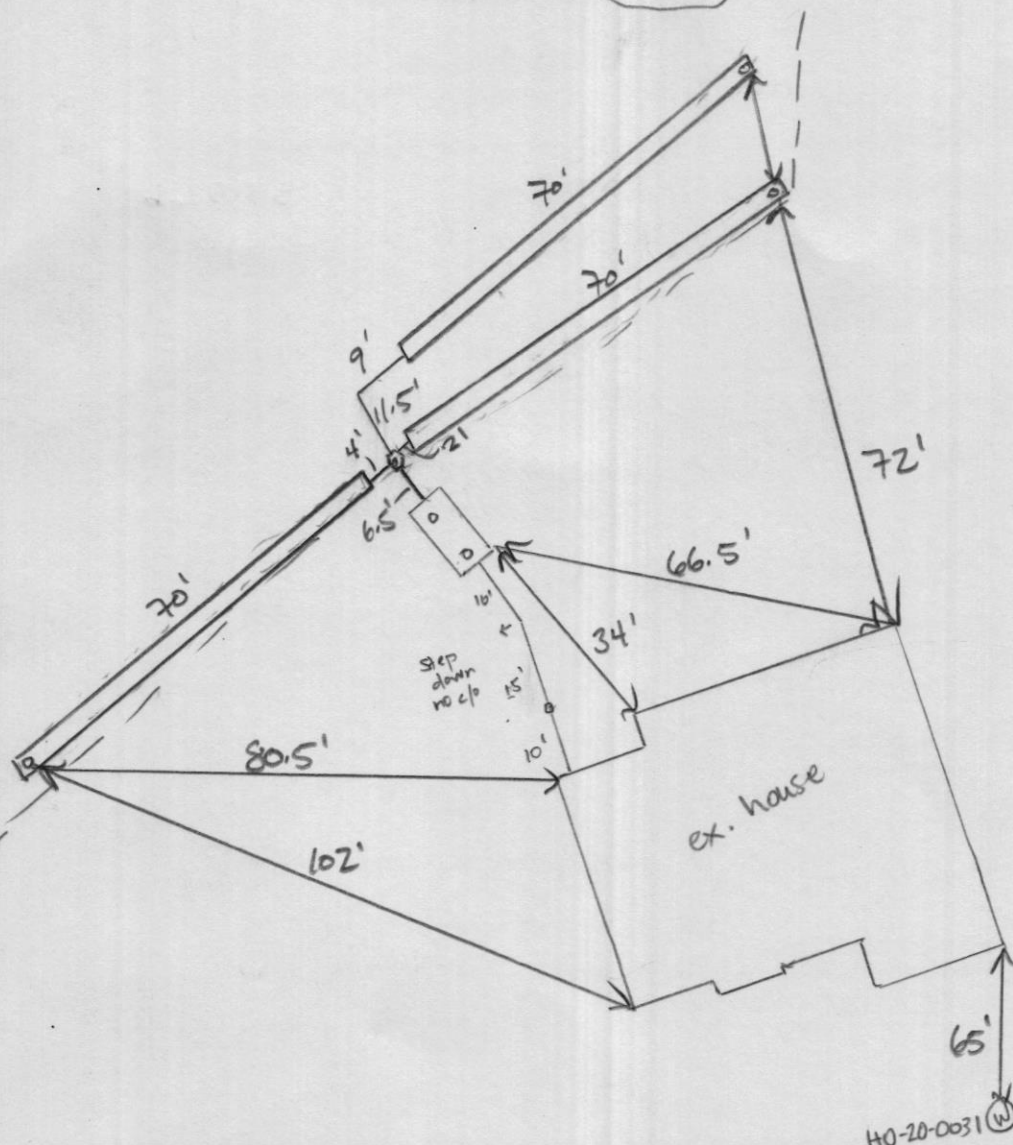
TRENCHES:	LINEAR FEET REQUIRED: <u>208</u>	INLET DEPTH: <u>3.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5.0</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	INSTALL AT LEAST TWO CLEANOUTS IN SHC.	

ISSUED BY: R BRICKER H.O. ISSUE DATE: 5/25/22 EXPIRATION DATE: 5/25/23

- 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 1" = 30'



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3.5'	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		210 F
ABSORPTION AREA		630 SF + 3' SIDE WALL
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		CONCRETE
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	yes
MANUFACTURER	Back River
CAPACITY	2000 GAL
SEAM LOC	top
TANK LID DEPTH	1.5' - 2'
BAFFLES	front/back
BAFFLE FILTER	-
MANHOLE LOC	front/back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	yes
DATE ON LID	4/25/22

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	

ROAD NAME

Heritage Ridge Rd

PRE-CONSTRUCTION:

6/8/22 3x70' trenches staked out on contour according to plan (S)

INSTALLATION:

6/10/22 - contractor called in for inspection but there were not enough inspectors to complete a site inspection for installation, photos & status updates sent on 6/10/22, contractor stated that sewer line to tank was installed according to the OSDS plan but photos show that 1 c/p is missing from the sewer line to the tank, requested info regarding dbox & trenches but received no reply, said it was ok to cover SL & ST due to upcoming rain. (W) 06/13/2022 2x 70' TRS INSTALLED w/ D BOX (S) 06/14/2022 DBOX LEVELLED w/ SPEED LEVELS; CONC BAFFLE INSTALLED (S)

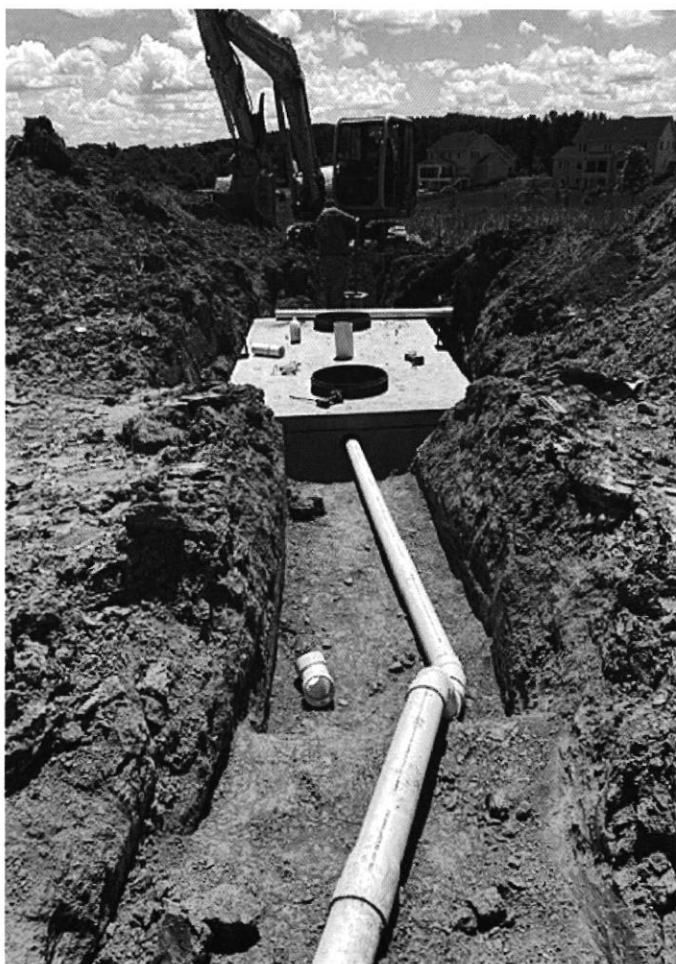
FINAL INSPECTOR

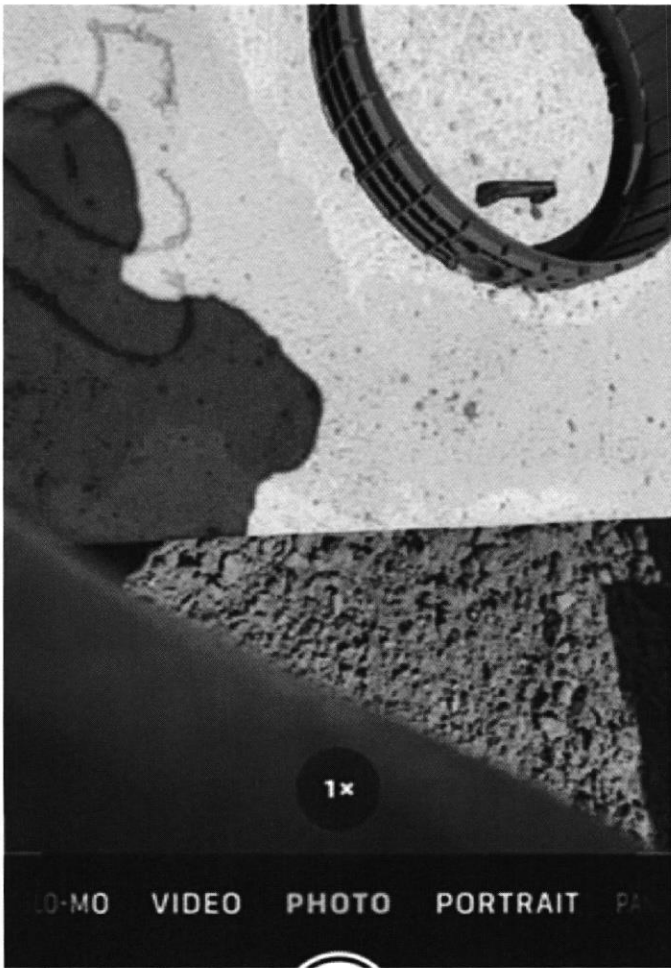
[Handwritten Signature]

DATE OF APPROVAL

06/14/2022

lot 37 - 6/10/22





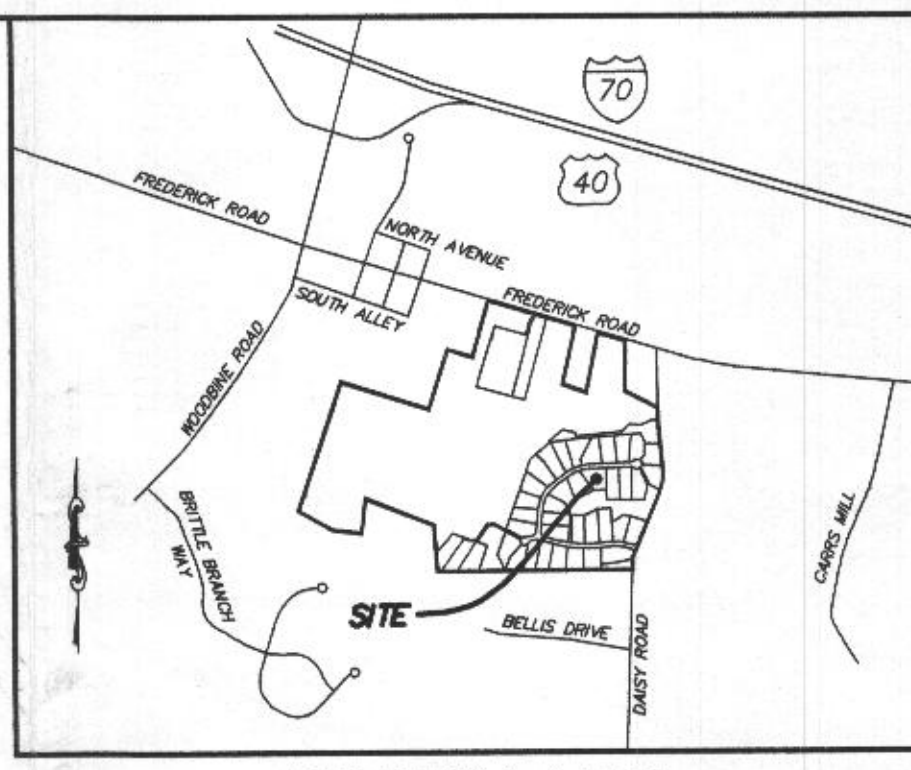
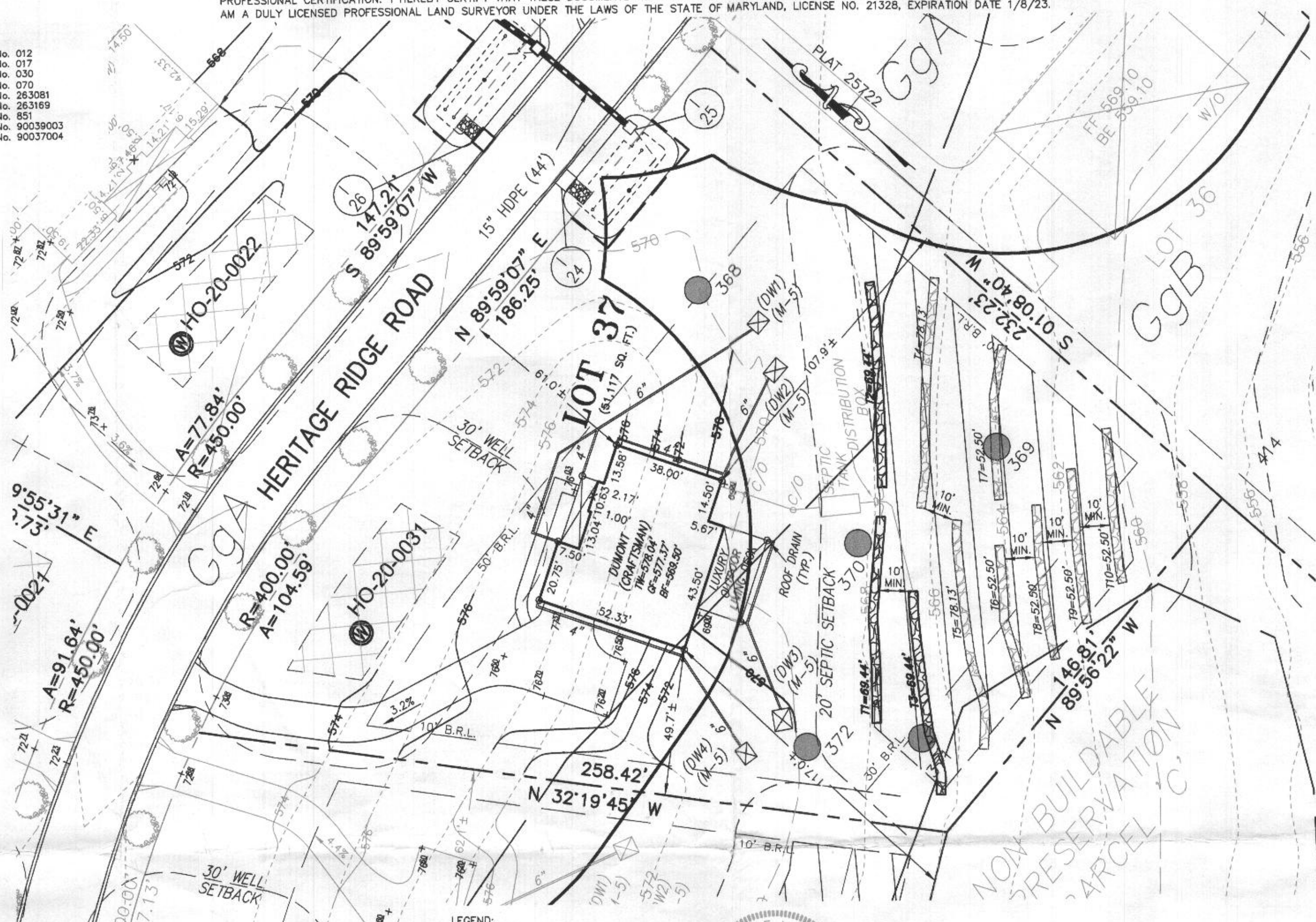
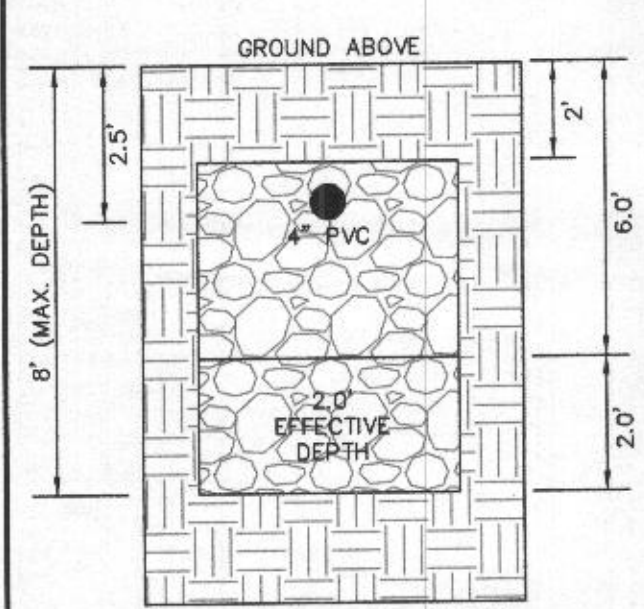
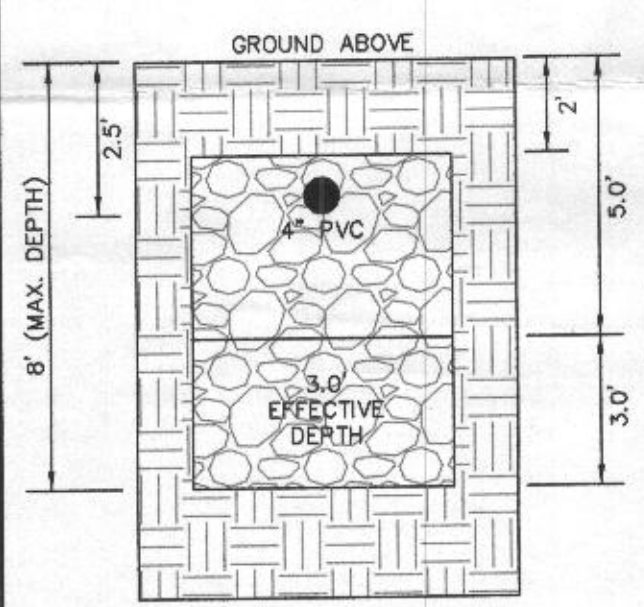
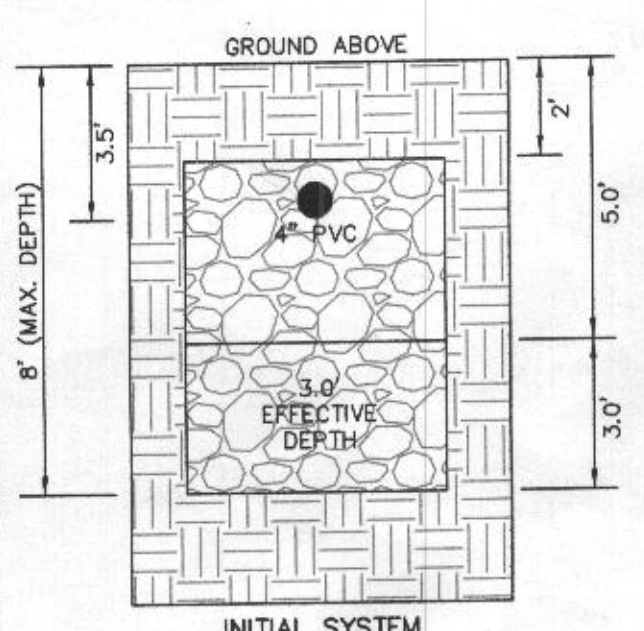


PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/23.

- HOUSE OPTIONS:**
 HOUSE TYPE: DUMONT (CRAFTSMAN)
 TWO CAR SIDE ENTRY GARAGE
 WALK-OUT BASEMENT
 ADDITIONAL WALK-IN CLOSET
 ADD 1' TO HEIGHT OF BASEMENT FOUND. WALLS
 OPTIONAL DROP ZONE
 OUTDOOR LIVING DECK - WALK-OUT
 DOUBLE WIDE TAIL IN REAR OF STANDARD DRIVE
 WET BAR ROUGH-IN IN BASEMENT
 POWDER ROOM ROUGH IN LOCATED IN THE BASE.
- OPTION No. 012
 - OPTION No. 017
 - OPTION No. 030
 - OPTION No. 070
 - OPTION No. 263081
 - OPTION No. 263169
 - OPTION No. 851
 - OPTION No. 90039003
 - OPTION No. 90037004

INITIAL TRENCH DATA:

- BOTTOM MAX. DEPTH (8.0')
TRENCH 1 (T1): 69.44 LF.
 GROUND ABOVE = 567.75'
 INV. IN = 564.25'
 BOTTOM TRENCH = 559.75'
TRENCH 2 (T2): 69.44 LF.
 GROUND ABOVE = 567.75'
 INV. IN = 564.25'
 BOTTOM TRENCH = 559.75'
TRENCH 3 (T3): 69.44 LF.
 GROUND ABOVE = 566.61'
 INV. IN = 564.11'
 BOTTOM TRENCH = 558.61'



GENERAL NOTES:

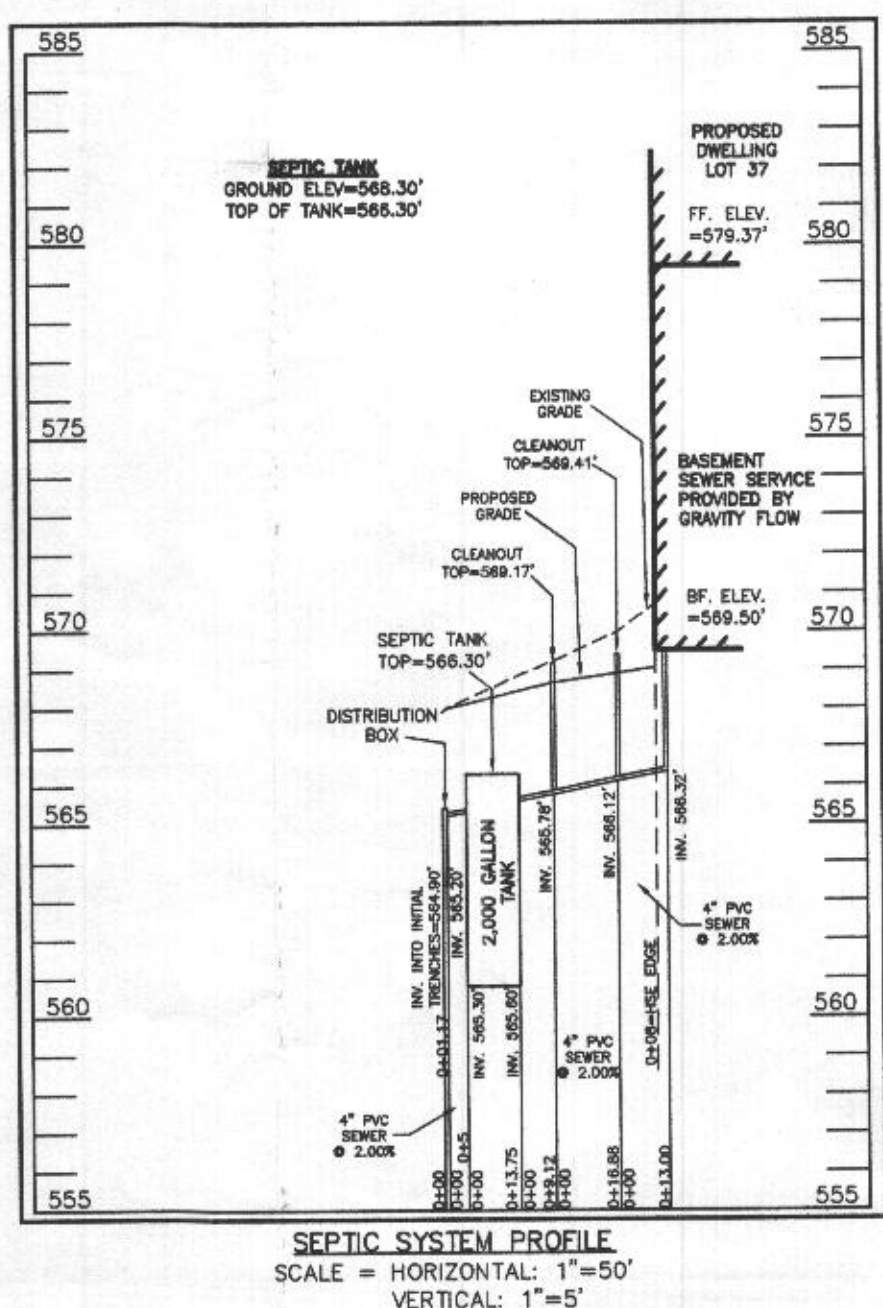
- THESE AREAS DESIGNATE A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS UNTO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- 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.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.
- 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.
- THE MAXIMUM EARTH COVER OVER THE TANK IS THREE (3) FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE EXISTING TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY GIS, 2' CONTOUR INTERVAL AND FIELD VERIFIED BY FISHER, COLLINS AND CARTER, INC.

LEGEND:

- BRL BUILDING RESTRICTION LINE
- WELL LOCATION
- T.W. TOP OF WALL
- C.F. GARAGE FLOOR
- B.F. BASEMENT FLOOR
- PASSSED PERC LOCATION
- FAILED PERC LOCATION
- SEWAGE DISPOSAL AREA
- WELL BOX AREA
- PROPOSED TREE
- PROPOSED TREE
- PROPOSED TREE

SEWAGE DISPOSAL SYSTEM DATA (5 BDRM):

- PROPOSED INVERT AT FOUNDATION WALL: 569.50'
- EX. GRADE OVER TANK: 568.54'
 PROPOSED GRADE OVER TANK: 568.30'
 INVERT IN: 565.60' INVERT OUT: 565.30'
 - DISTRIBUTION BOX
 EXISTING GRADE OVER TANK: 567.97'
 PROPOSED GRADE OVER TANK: 567.97'
 INVERT IN: 565.20' INVERT OUT: 564.90'
 - INITIAL TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
 750 GPD x 0.6 APP. RATE = 1,250 SF
 USE 3' WIDE TRENCH WITH 54" GRAVEL BELOW PIPE
 10' MIN. SPACING BETWEEN TRENCH EDGES
 1,250 SF x 3' WIDTH = 416.67 LF x 0.50 (REDUCTION) = 208.33 LF MIN.
 USE 3 69.44' LONG TRENCHES = 208.33 LF
 - 1ST REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
 750 GPD x 0.6 APP. RATE = 937.50 SF
 USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
 10' MIN. SPACING BETWEEN TRENCH EDGES
 937.50 SF x 3' WIDTH = 312.50 LF x 0.50 (REDUCTION) = 156.25 LF MIN.
 USE 2 78.13' LONG TRENCHES = 156.25 LF
 - 2ND REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
 750 GPD x 0.6 APP. RATE = 1,250 SF
 USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
 10' MIN. SPACING BETWEEN TRENCH EDGES
 1,250 SF x 3' WIDTH = 416.67 LF x 0.63 (REDUCTION) = 262.50 LF MIN.
 USE 5 52.50' LONG TRENCHES = 262.50 LF



SOILS LEGEND

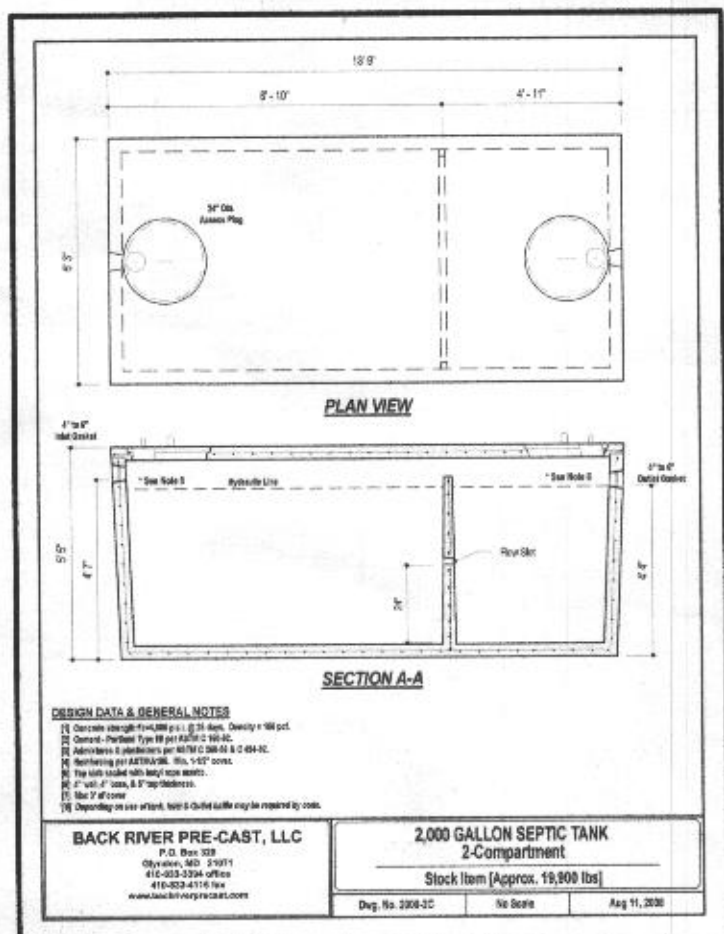
SOIL	NAME	CLASS	Kw
Brd	BRINKLOW CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	B	20
GgA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B	20
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	20
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	20
GmA	GLENEVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES	C	37
GmB	GLENEVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	37
GmC	GLENEVILLE-SAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	37
Mac	MANOR LOAM, 8 TO 16 PERCENT SLOPES	B	24

- NOTES:**
- * HYDRIC SOILS AND / OR CONTAINS HYDRIC INCLUSIONS
 - ** MAY CONTAIN HYDRIC INCLUSIONS
 - *** DENOTES ERODIBLE SOILS

WELL LOCATION CERTIFICATION:

THE EXISTING WELL SHOWN FOR LOT 37 (TAG NO. HO-20-0031) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN HEREON.

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
LOT 37
LINDEN GROVE
 LIBER 15899, FOLIO 246
 PLAT NO. 25722
 ELECTION DISTRICT No. 4
 HOWARD COUNTY, MARYLAND
 ADDRESS: 1434 HERITAGE RIDGE ROAD
 WOODBINE, MARYLAND 21797





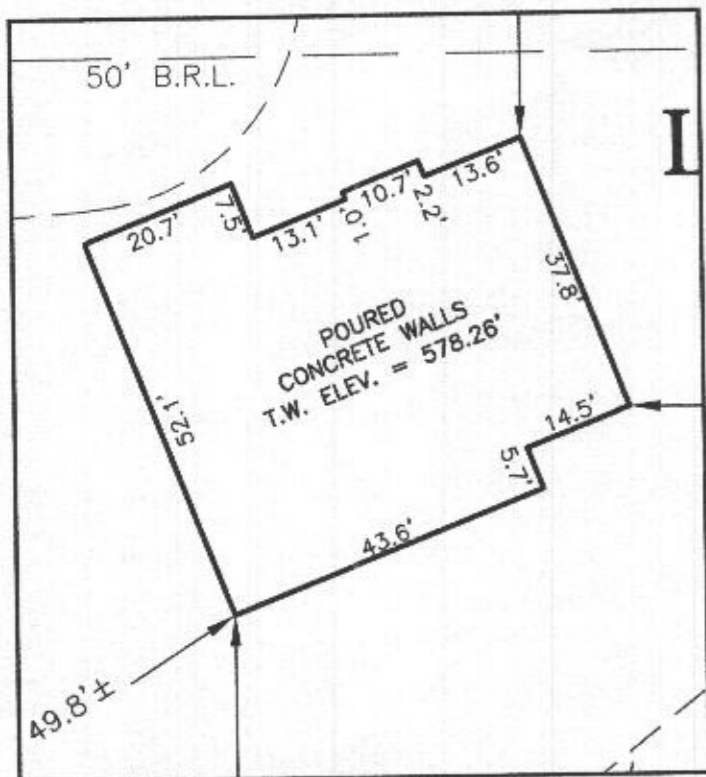
ESE CONSULTANTS
 ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL
 ESE Consultants, Inc.
 7164 Columbia Gateway Drive • Suite 230 • Columbia, MD 21046
 T: 410-872-9105

DATE: 08/12/2021 SCALE: 1"= 30' FILE: OSDS LOT 37
 CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.

LEGEND:

BRL BUILDING RESTRICTION LINE
 (W) WELL LOCATION
 T.W. TOP OF WALL
 ELEV. ELEVATION

 SEWAGE DISPOSAL AREA
 WELL BOX AREA



HOUSE ENLARGEMENT
NOT TO SCALE

WELL NUMBER: HO-20-0031
 ADDRESS: 1434 HERITAGE RIDGE ROAD
 WOODBINE, MD 21797
 PERMIT NO.: B21003178

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN
 SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.



SURVEYOR'S CERTIFICATE

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.

THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

Michael Joe Boyce 21328 5/11/22
 SIGNATURE: MICHAEL JOE BOYCE MD. LIC NO. DATE

WALLCHECK
 LOT 37
LINDEN GROVE
 LIBER 15899, FOLIO 246
 PLAT NO. 25722
 ELECTION DISTRICT No. 4
 HOWARD COUNTY, MARYLAND

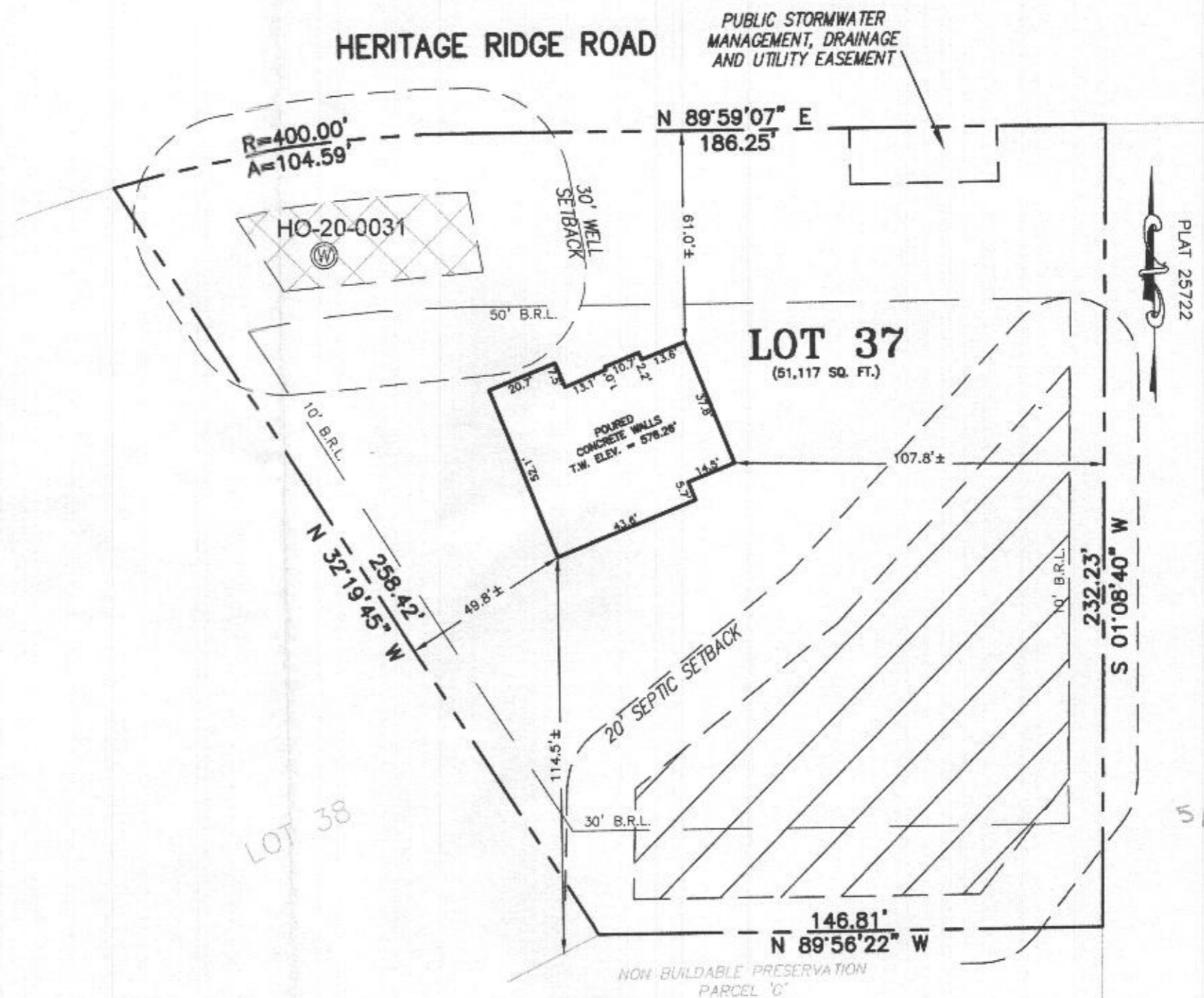
ESE CONSULTANTS

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
 6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
 T: 410-872-9105

DATE: 05/11/2022 SCALE: 1" = 40' FILE: WC LOT 37
 CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.

WS-SP-APP-22-00129



PLAT 25722

LOT 36

5/25/22
 wall check
 okay.
 -H.O.

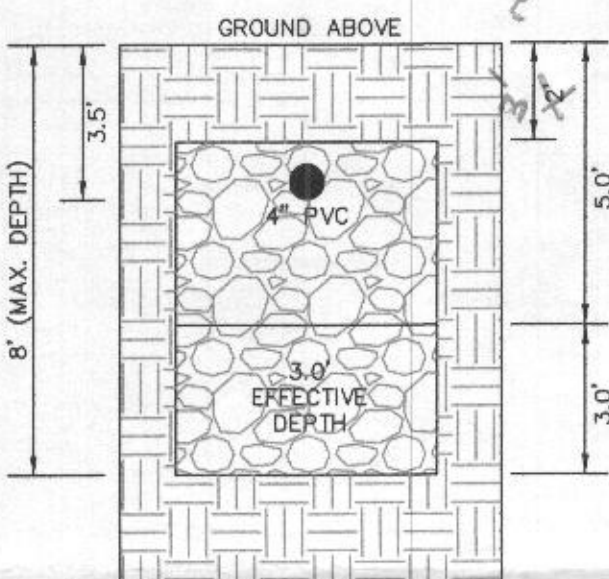
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HOUSE OPTIONS:

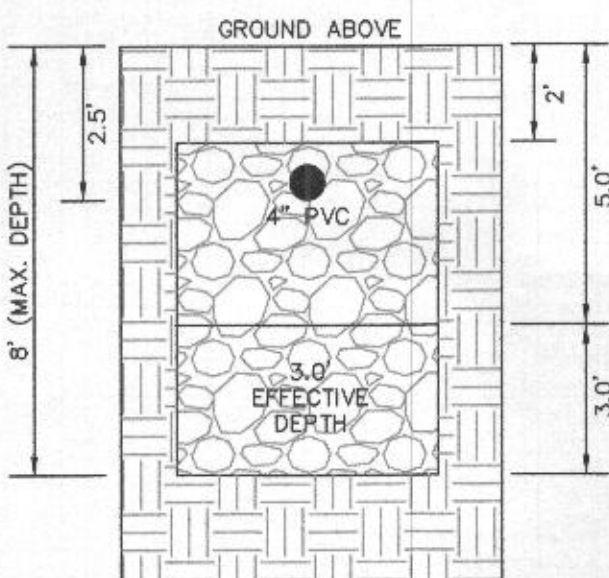
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 - ADDITIONAL WALK-IN CLOSET
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 - OPTIONAL DROP ZONE
 - OUTDOOR LIVING DECK - WALK-OUT
 - DOUBLE WIDE TAIL IN REAR OF STANDARD DRIVE
 - WET BAR ROUGH-IN IN BASEMENT
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INITIAL TRENCH DATA:

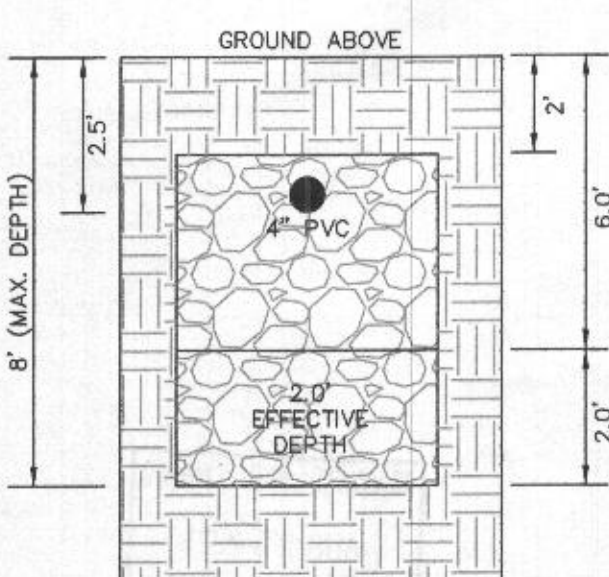
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GROUND ABOVE = 567.75'
INV. IN = 564.25'
BOTTOM TRENCH = 559.75'
- TRENCH 2 (T2): 69.44 LF.**
GROUND ABOVE = 567.75'
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GROUND ABOVE = 566.61'
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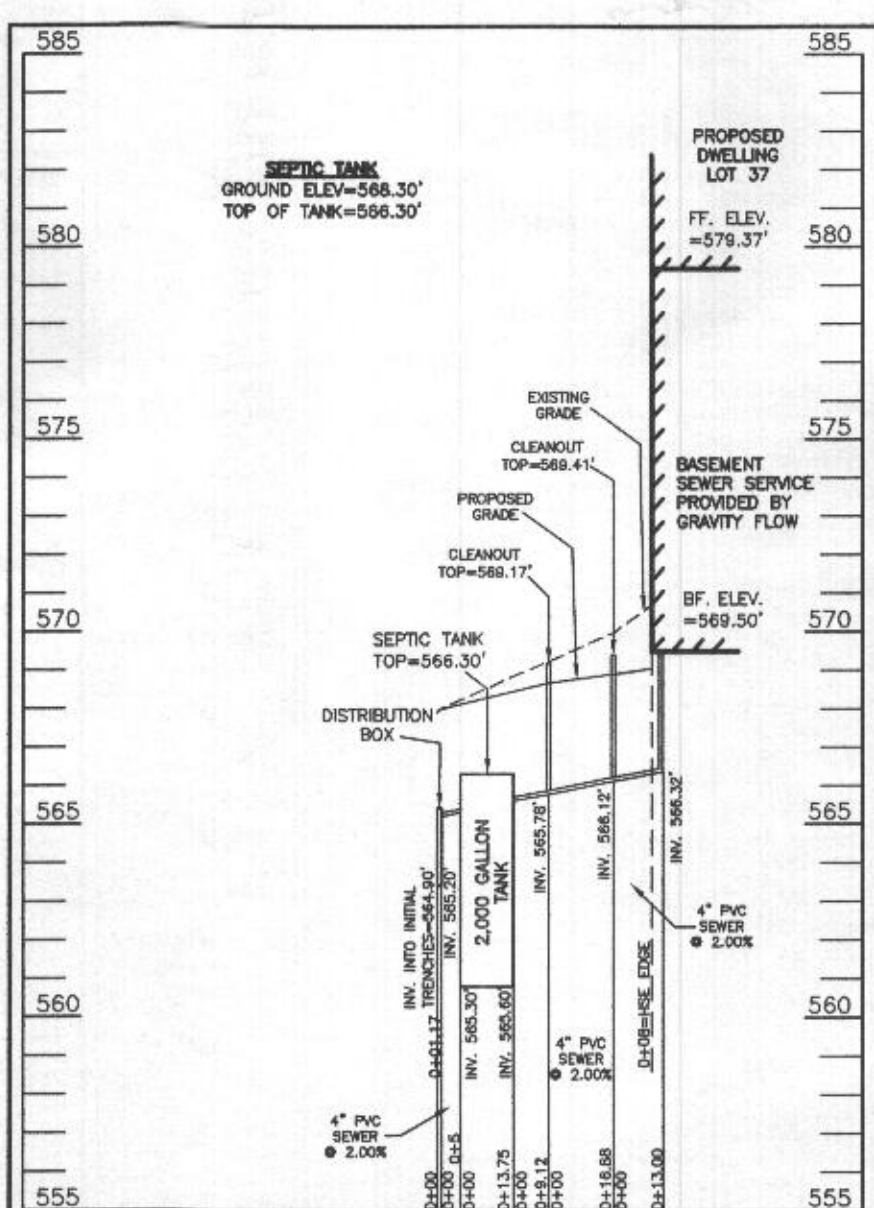
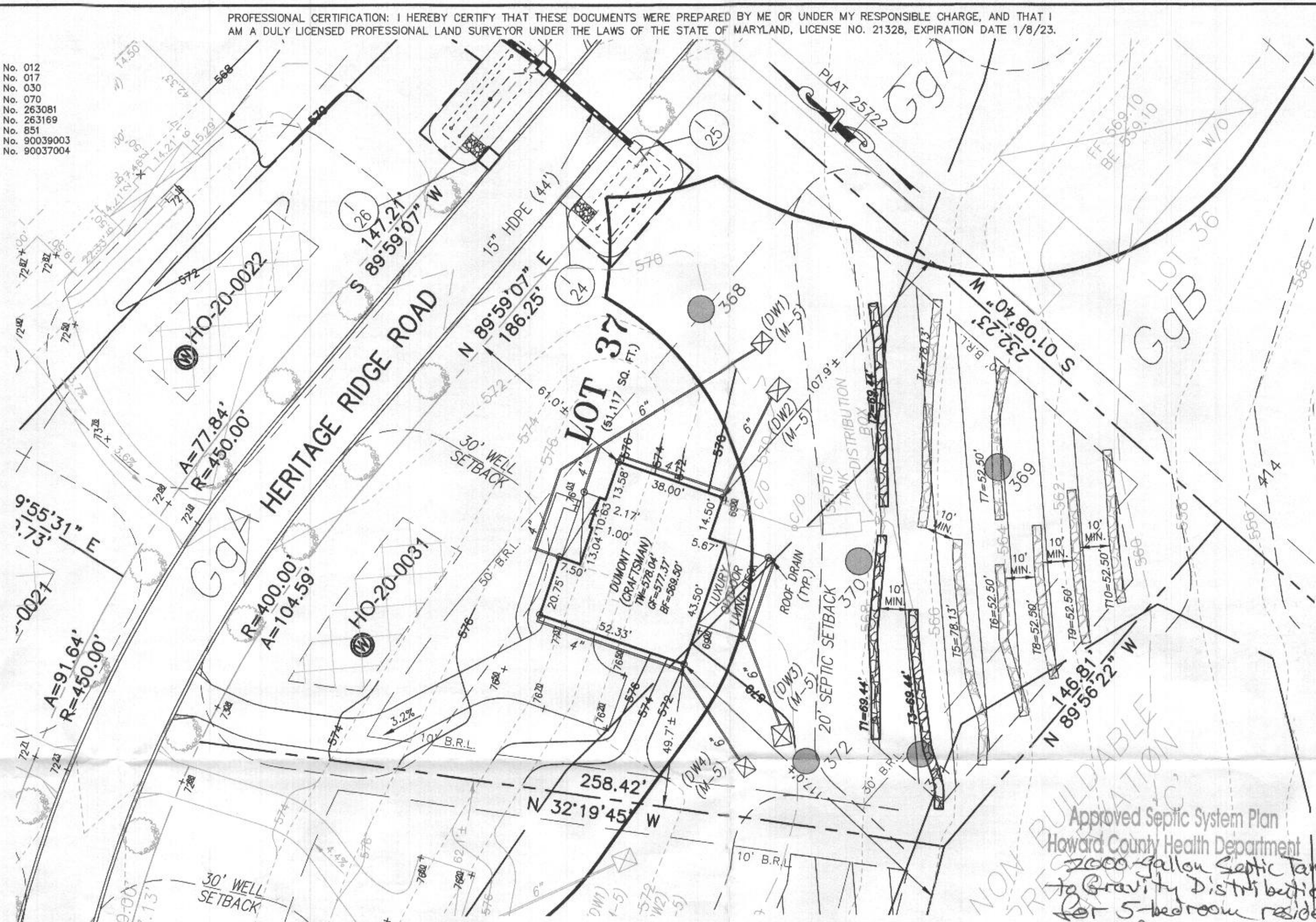
INITIAL SYSTEM TRENCH DETAIL (T1) THRU (T3) (NOT TO SCALE)



1ST REPLACEMENT SYSTEM TRENCH DETAIL (T4) THRU (T5) (NOT TO SCALE)



2ND REPLACEMENT SYSTEM TRENCH DETAIL (T6) THRU (T10) (NOT TO SCALE)



SEPTIC SYSTEM PROFILE
SCALE = HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

- LEGEND:**
- BRL BUILDING RESTRICTION LINE
 - WELL LOCATION
 - T.W. TOP OF WALL
 - G.F. GARAGE FLOOR
 - B.F. BASEMENT FLOOR
 - PASSED PERC LOCATION
 - FAILED PERC LOCATION
 - SEWAGE DISPOSAL AREA
 - WELL BOX AREA
 - PROPOSED TREE
 - PROPOSED TREE

SEWAGE DISPOSAL SYSTEM DATA (5 BDRM):

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1. EX. GRADE OVER TANK: 568.54'
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2. DISTRIBUTION BOX
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3. INITIAL TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD + 0.6 APP. RATE = 1,250 SF
USE 3' WIDE TRENCH WITH 54" GRAVEL BELOW PIPE
10' MIN. SPACING BETWEEN TRENCH EDGES
1,250 SF + 3' WIDTH = 416.67 LF x 0.50 (REDUCTION) = 208.33 LF MIN.
USE 3 69.44' LONG TRENCHES = 208.33 LF
4. 1ST REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD + 0.8 APP. RATE = 937.50 SF
USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
10' MIN. SPACING BETWEEN TRENCH EDGES
937.50 SF + 3' WIDTH = 312.50 LF x 0.50 (REDUCTION) = 156.25 LF MIN.
USE 2 78.13' LONG TRENCHES = 156.25 LF
5. 2ND REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
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10' MIN. SPACING BETWEEN TRENCH EDGES
1,250 SF + 3' WIDTH = 416.67 LF x 0.63 (REDUCTION) = 262.50 LF MIN.
USE 5 52.50' LONG TRENCHES = 262.50 LF



Approved Septic System Plan
Howard County Health Department
2,000-gallon Septic tank
to Gravity Distribution
for 5-bedroom residence
Signature: [Signature] Date: 10/14/21

SOILS LEGEND

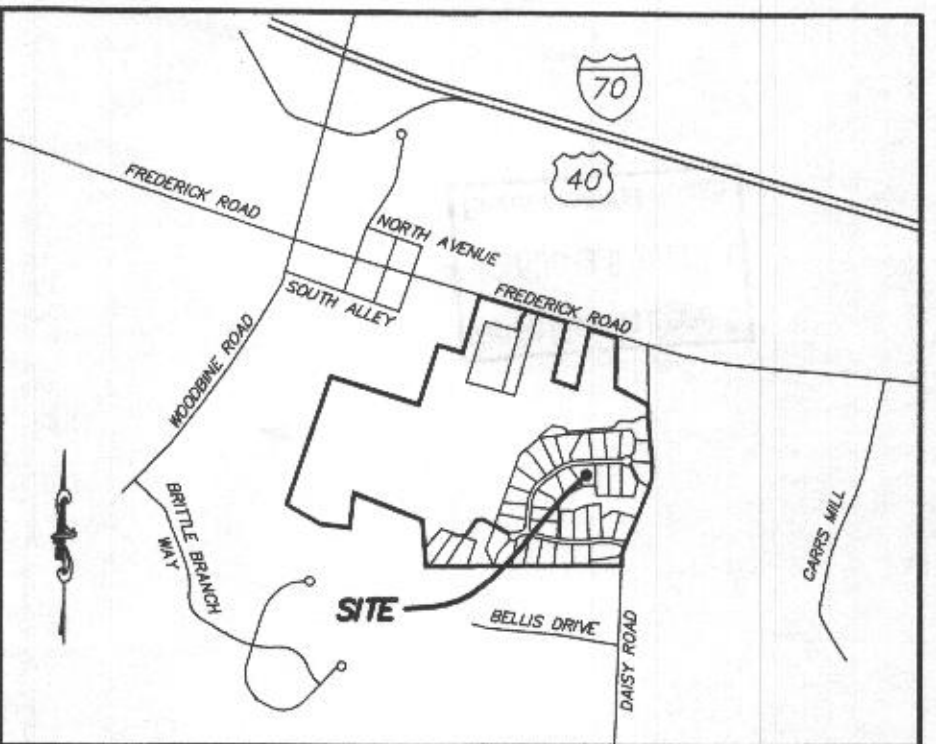
SOIL	NAME	CLASS	Kw
B/D	BRINKLOW CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	B	.20
GgA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B	.20
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	.20
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	.20
*GmA	GLENVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES	C	.37
*GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.37
*GnB	GLENVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	.37
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	.24

- NOTES:**
- * HYDRIC SOILS AND / OR CONTAINS HYDRIC INCLUSIONS
 - ** MAY CONTAIN HYDRIC INCLUSIONS
 - *** DENOTES ERODIBLE SOILS

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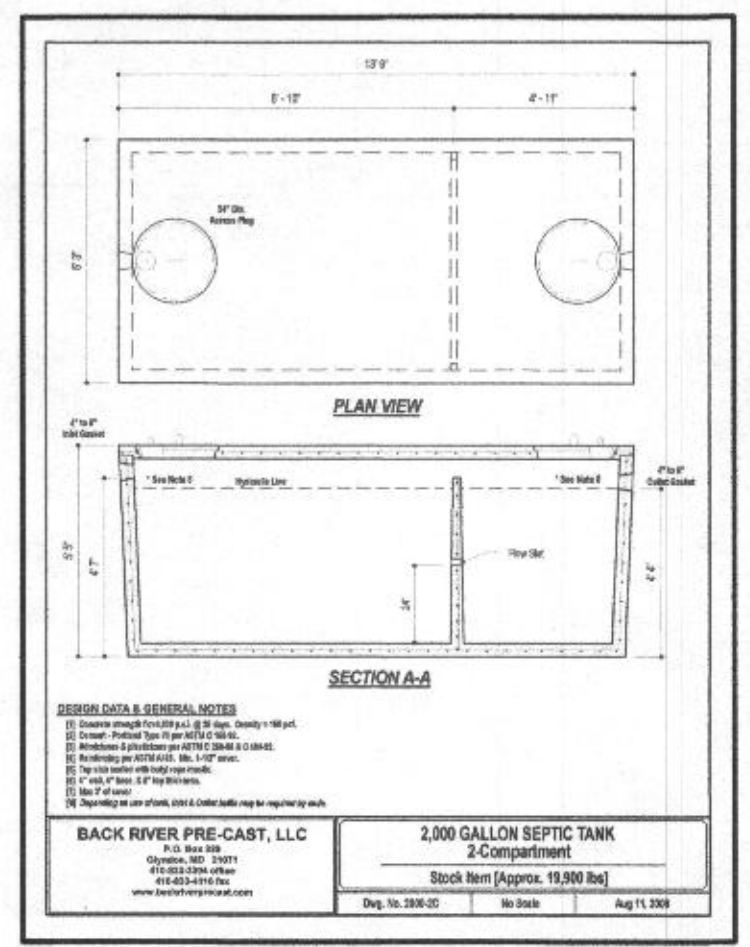
ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
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PLAT NO. 25722
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
ADDRESS: 1434 HERITAGE RIDGE ROAD
WOODBINE, MARYLAND 21797



VICINITY MAP
1" = 1000'

GENERAL NOTES:

- THESE AREAS DESIGNATE A PRIVATE SEWAGE AREA 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 AREAS 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 AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- 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.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.
- 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.
- THE MAXIMUM EARTH COVER OVER THE TANK IS THREE (3) FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE EXISTING TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY GIS, 2' CONTOUR INTERVAL AND FIELD VERIFIED BY FISHER, COLLINS AND CARTER, INC.



2,000 GALLON SEPTIC TANK
3-Compartment
Stock Item (Approx. 19,900 Bq)
Back River Pre-Cast, LLC
Date: 10/14/21

ESE CONSULTANTS
ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

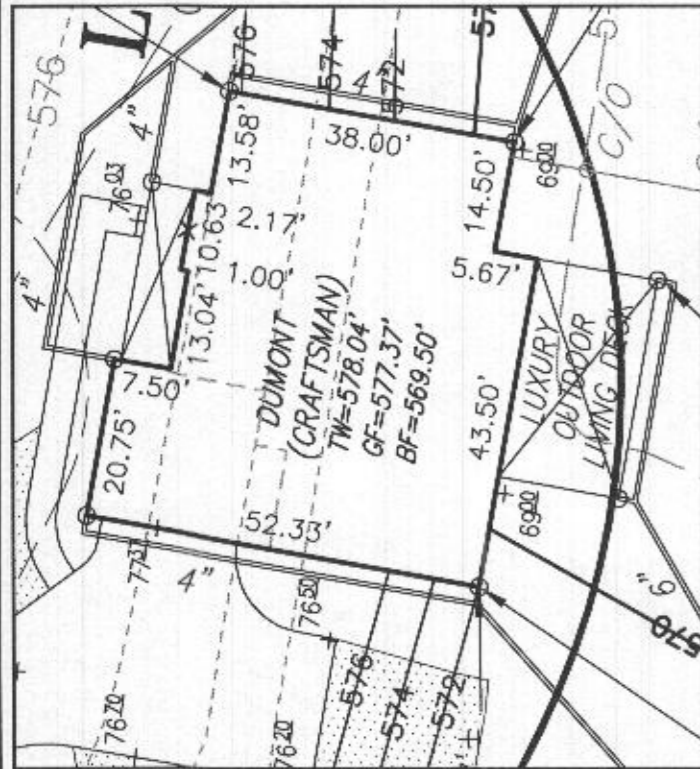
ESE Consultants, Inc.
7164 Columbia Gateway Drive • Suite 230 • Columbia, MD 21046
T: 410-872-9105

DATE: 08/12/2021 SCALE: 1" = 30' FILE: OSDS LOT 37
CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.

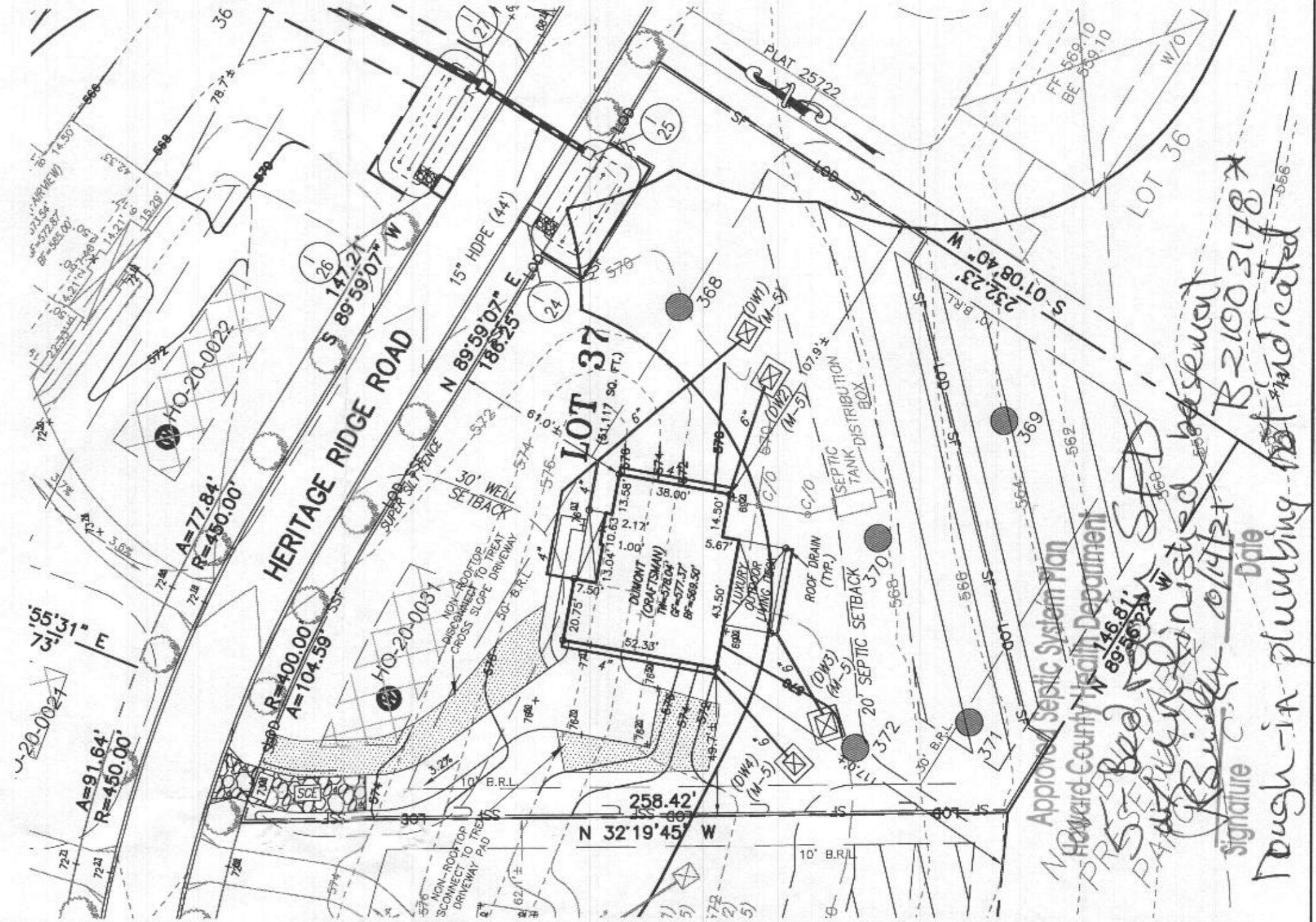
LEGEND:

- BRL BUILDING RESTRICTION LINE
- ⊙ WELL LOCATION
- T.W. TOP OF WALL
- G.F. GARAGE FLOOR
- B.F. BASEMENT FLOOR
- PASSED PERC LOCATION
- FAILED PERC LOCATION
- SILT FENCE
- SUPER SILT FENCE
- SCE STONE CONSTRUCTION ENTRANCE
- ▨ SEWAGE DISPOSAL AREA
- ▩ WELL BOX AREA
- PROPOSED TREE
- PROPOSED TREE
- PROPOSED TREE

NOTE:
TOTAL LIMITS OF DISTURBANCE (LOD) = 41,951 SQ. FT.



BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.



Approved Septic System Plan
Howard County Health Department
PRES. BRO. V. J. BROWN SFD
PAV. BY V. J. BROWN SFD
B. Smith 10/14/21
Signature Date
Dough-in plumbing not indicated



HOUSE TYPE: DUMONT (CRAFTSMAN)

TWO CAR SIDE ENTRY GARAGE	OPTION No. 012
WALK-OUT BASEMENT	OPTION No. 017
ADDITIONAL WALK-IN CLOSET	OPTION No. 030
ADD 1' TO HEIGHT OF BASEMENT FOUND. WALLS	OPTION No. 070
OPTIONAL DROP ZONE	OPTION No. 263081
OUTDOOR LIVING DECK - WALK-OUT	OPTION No. 263169
DOUBLE WIDE TAIL IN REAR OF STANDARD DRIVE	OPTION No. 851
WET BAR ROUGH-IN IN BASEMENT	OPTION No. 90039003
POWDER ROOM ROUGH IN LOCATED IN THE BASE.	OPTION No. 90037004

WELL NUMBER: HO-20-0031

ADDRESS: 1434 HERITAGE RIDGE ROAD
WOODBINE, MD 21797

PLOT PLAN
LOT 37
LINDEN GROVE
LIBER 15899, FOLIO 246
PLAT NO. 25722
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND

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ENGINEERING • PLANNING • SURVEYING • ENVIRONMENT

ESE Consultants, Inc.
7164 Columbia Gateway Drive • Suite 230 • Columbia, MD 21046
T: 410-872-9105

DATE: 08/11/2021 SCALE: 1" = 40' FILE: PP LOT 37 DUMONT CRAFTSMAN
CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.