

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 571825

APPROVAL DATE: 6/16/22 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 1450 HERITAGE RIDGE ROAD, WOODBINE, MD 21797

SUBDIVISION: LINDEN GROVE, PHASE 2 LOT: 33 TAX ID: 04-603255

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: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>112</u>	INLET DEPTH: <u>2.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>13</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.0</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 3 to 4 CLEANOUTS AT BENDS IN SHC.	

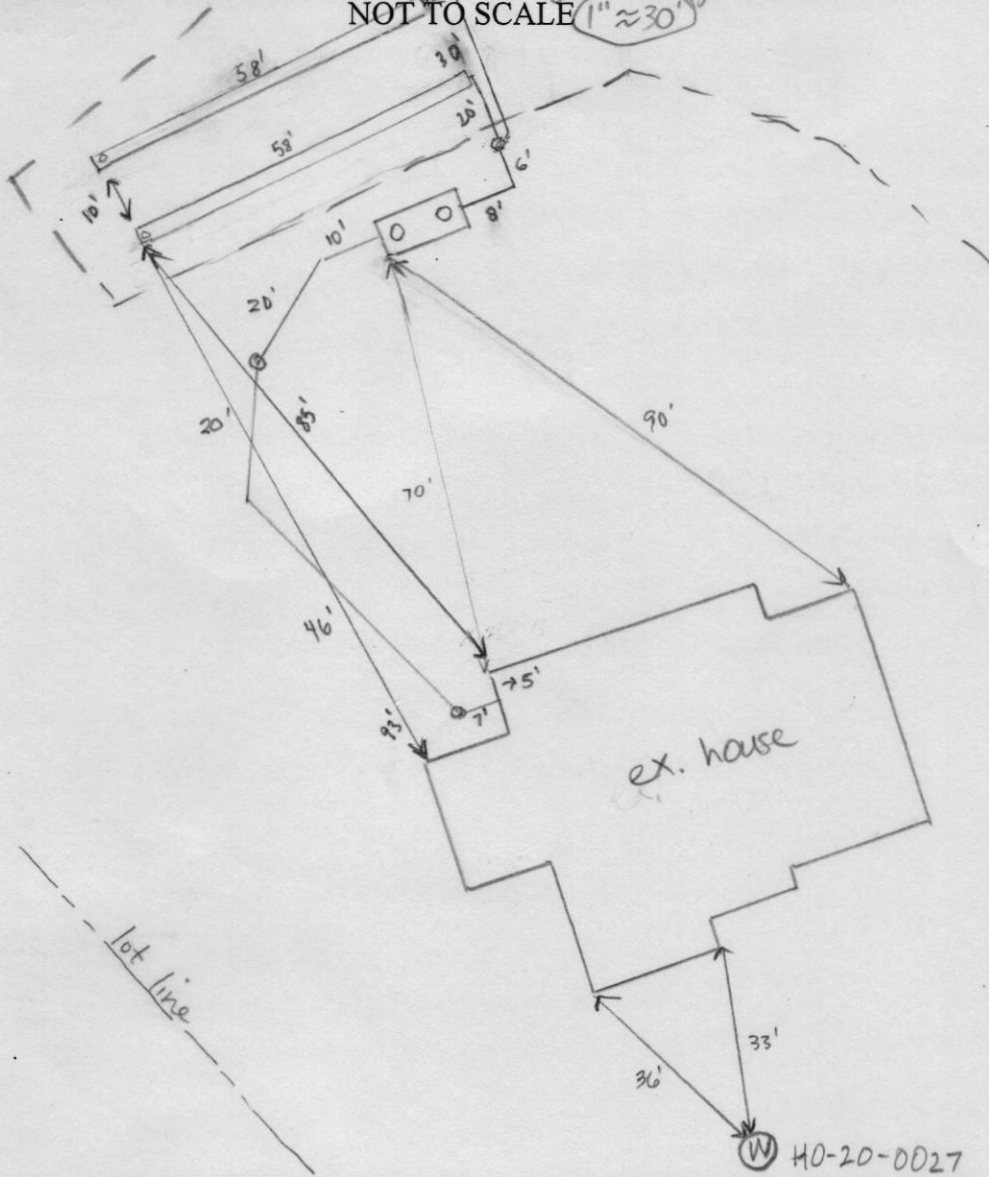
ISSUED BY: R BRICKER ISSUE DATE: _____ EXPIRATION DATE: 5-24-23

- 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 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 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.**

1450 Heritage Ridge Rd

NOT TO SCALE (1" ≈ 30')



ROAD NAME

Heritage Ridge Rd

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2.5'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		116'
ABSORPTION AREA		348 sq ft + sidewell
DISTRIBUTION BOX LEVEL		speedy
DISTRIBUTION BOX BAFFLE		concrete
DISTRIBUTION BOX PORT		PVC

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	yes
MANUFACTURER	Back River
CAPACITY	2000 GAL
SEAM LOC	top
TANK LID DEPTH	2'
BAFFLES	front / back
BAFFLE FILTER	-
MANHOLE LOC	front / back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	yes
DATE ON LID	4/12/22

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	

PRE-CONSTRUCTION:

6/8/22 2 x 50.25' trenches staked out on contour according to plan. (SF)

INSTALLATION:

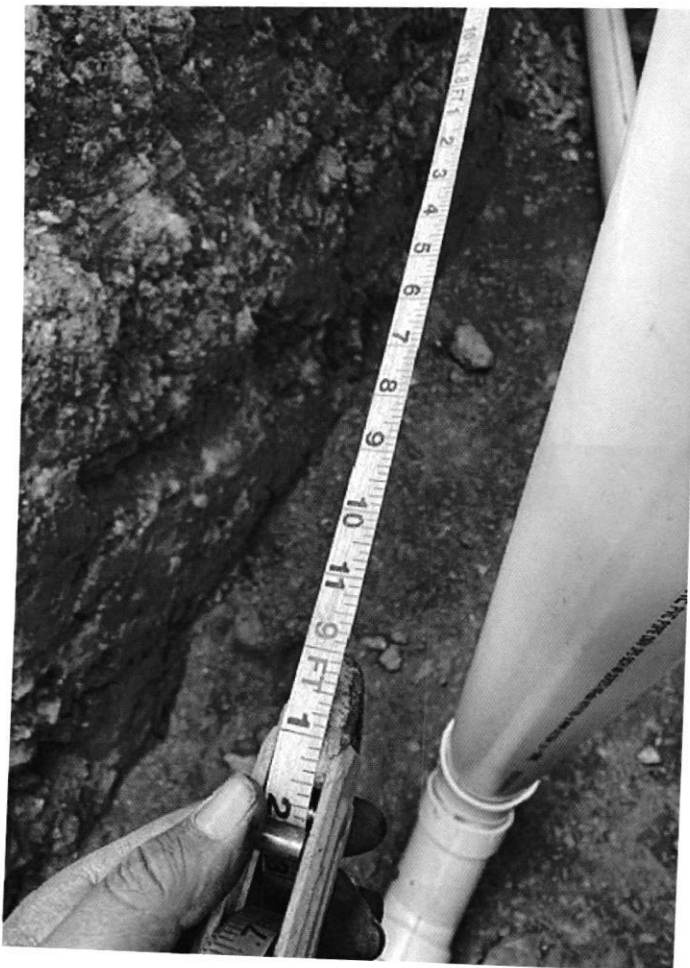
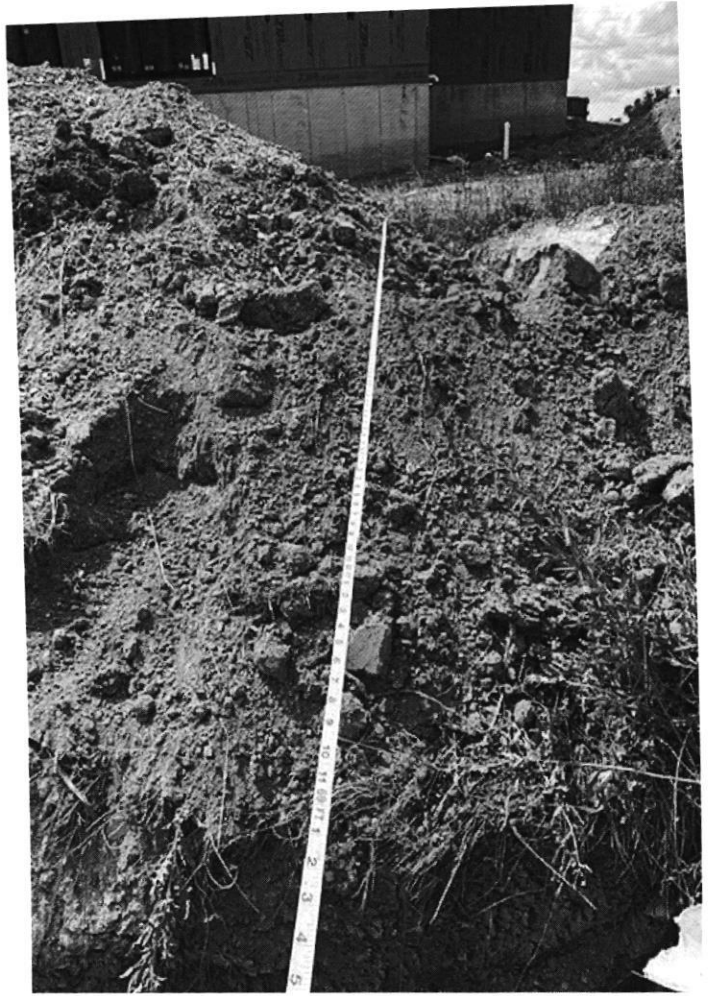
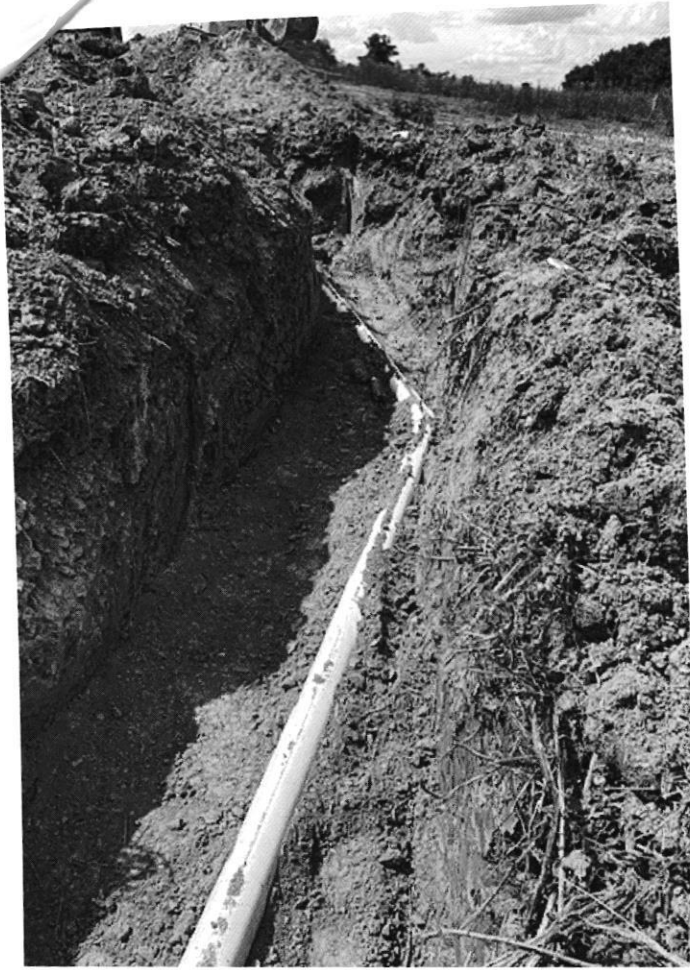
6/10/22 - contractor called in f/v inspection but there were not enough inspectors to complete a site installation inspection, photos and status updates sent on 6/10/22, contractor stated that sewer line to the tank was installed according to the OSDS plan but photos show that 2 clo's may be missing from the sewer line, requested info regarding dbox & trenches but received no reply, said it was ok to cover ST & ST due to upcoming rain. (SF) 6/15/22 Back line complete, d-box set and far trench complete. (SF) 6/16/22 2nd trench complete and d-box leveled. (SF)

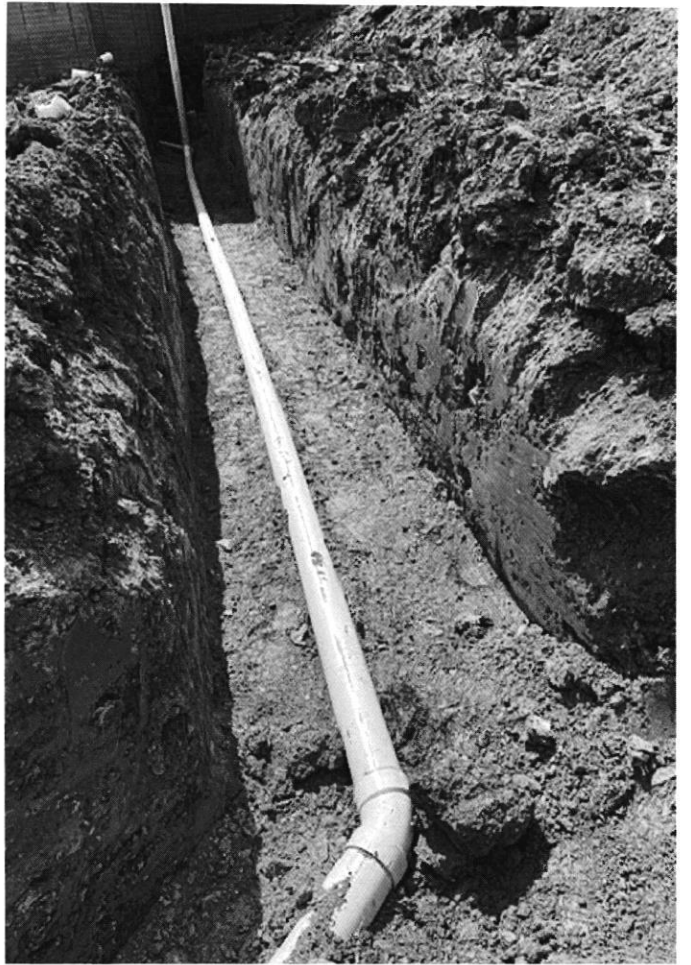
FINAL INSPECTOR

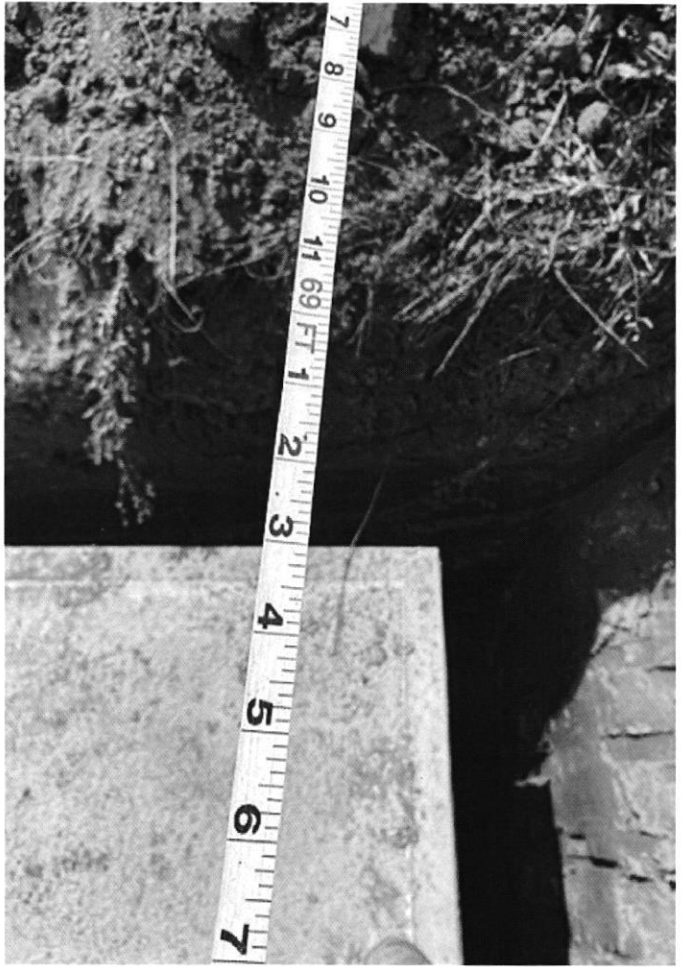
Susan Thomas

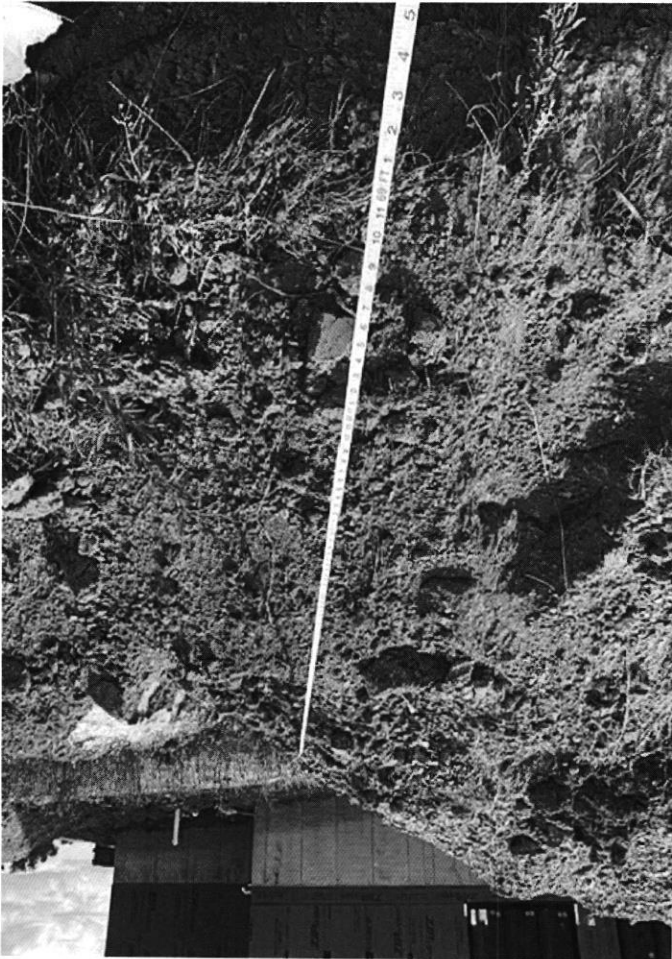
DATE OF APPROVAL

6/16/22









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 (MODERN FARMHOUSE)

- TWO CAR SIDE ENTRY GARAGE
- WALK-OUT BASEMENT
- ADDITIONAL WALK-IN CLOSET
- ADDITIONAL ONE CAR FRONT ENTRY GARAGE - 14'
- OUTDOOR LIVING DECK - WALK-OUT
- BUTLER PANTRY

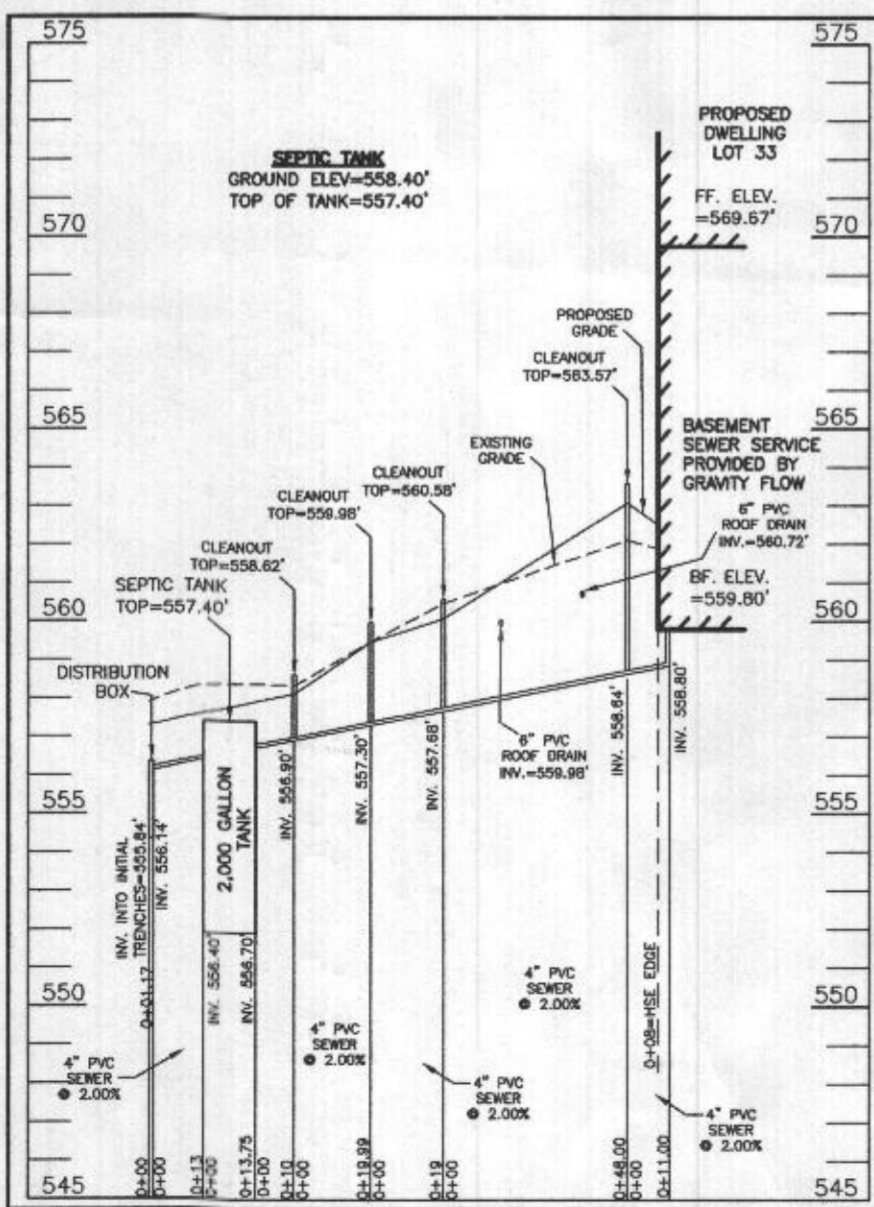
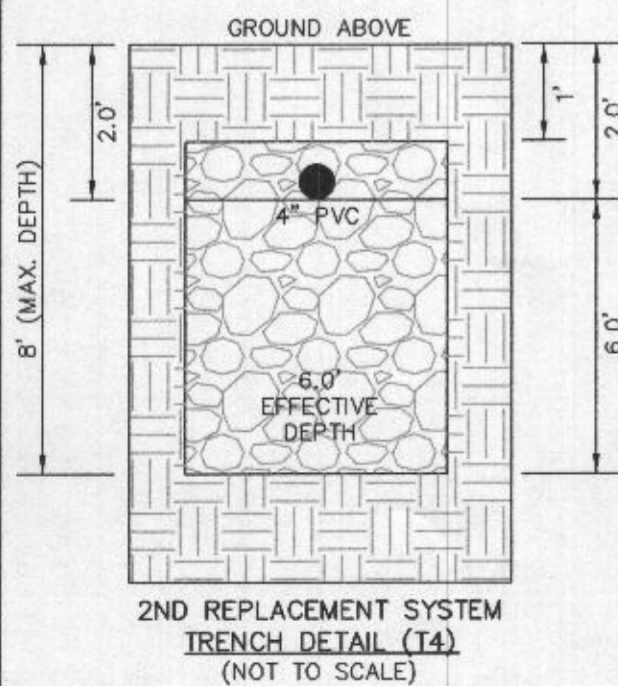
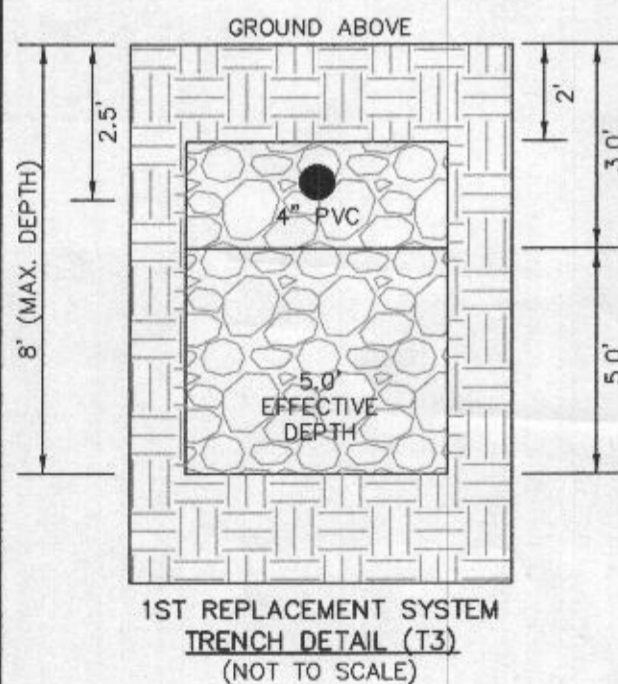
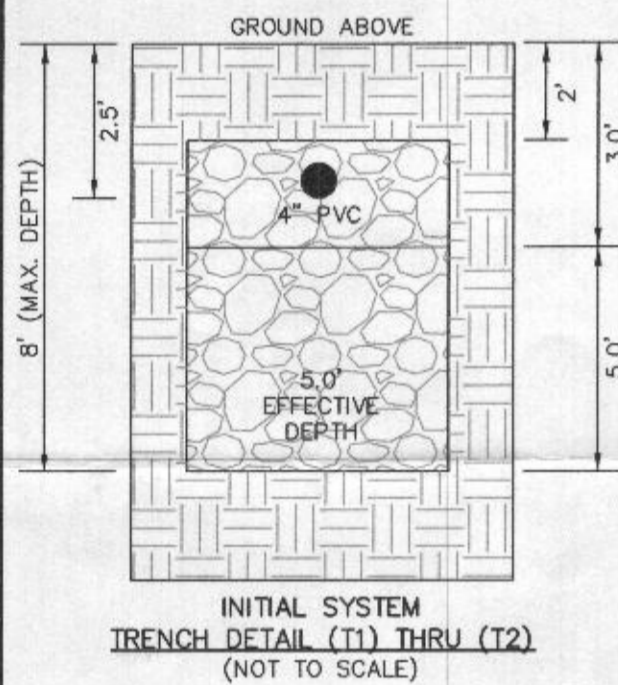
- OPTION No. 012
- OPTION No. 017
- OPTION No. 030
- OPTION No. 263102
- OPTION No. 263169
- OPTION No. 812

INITIAL TRENCH DATA

BOTTOM MAX. DEPTH (8.0')

TRENCH 1 (T1): 56.25 L.F.
GROUND ABOVE = 557.78'
INV. IN = 555.28'
BOTTOM TRENCH = 549.78'

TRENCH 2 (T2): 56.25 L.F.
GROUND ABOVE = 557.05'
INV. IN = 554.55'
BOTTOM TRENCH = 549.05'



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

LEGEND:

- B.R.L. BUILDING RESTRICTION LINE
- WELL LOCATION
- T.W. TOP OF WALL
- G.F. GARAGE FLOOR
- B.F. BASEMENT FLOOR
- PP. PASSED PERC LOCATION
- FL. 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: 558.80'
- EX. GRADE OVER TANK: 558.40'
PROPOSED GRADE OVER TANK: 558.40'
INVERT IN: 556.70' INVERT OUT: 556.40'
 - DISTRIBUTION BOX
EXISTING GRADE OVER TANK: 557.95'
PROPOSED GRADE OVER TANK: 557.95'
INVERT IN: 556.14' INVERT OUT: 555.84'
 - INITIAL 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
13' MIN. SPACING BETWEEN TRENCH EDGES
937.50 SF ÷ 3' WIDTH = 312.50 LF x 0.36 (REDUCION) = 112.50 LF MIN.
USE 2 56.25' LONG TRENCHES = 112.5 LF
 - 1ST REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD ÷ 1.2 APP. RATE = 625 SF
USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
13' MIN. SPACING BETWEEN TRENCH EDGES
625 SF ÷ 3' WIDTH = 208.33 LF x 0.36 (REDUCION) = 75 LF MIN.
USE 1 75' LONG TRENCHES = 75 LF
 - 2ND REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD ÷ 1.2 APP. RATE = 625 SF
USE 3' WIDE TRENCH WITH 72" GRAVEL BELOW PIPE
15' MIN. SPACING BETWEEN TRENCH EDGES
625 SF ÷ 3' WIDTH = 208.33 LF x 0.31 (REDUCION) = 64.58 LF MIN.
USE 1 64.58' LONG TRENCH = 64.58 LF



Approved Septic System Plan
Howard County Health Department
2000-gal. Septic Tank
to Gravity Distribution
for 5-bed room residence
Bricker 5/2/22
Signature Date

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	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

WELL LOCATION CERTIFICATION:

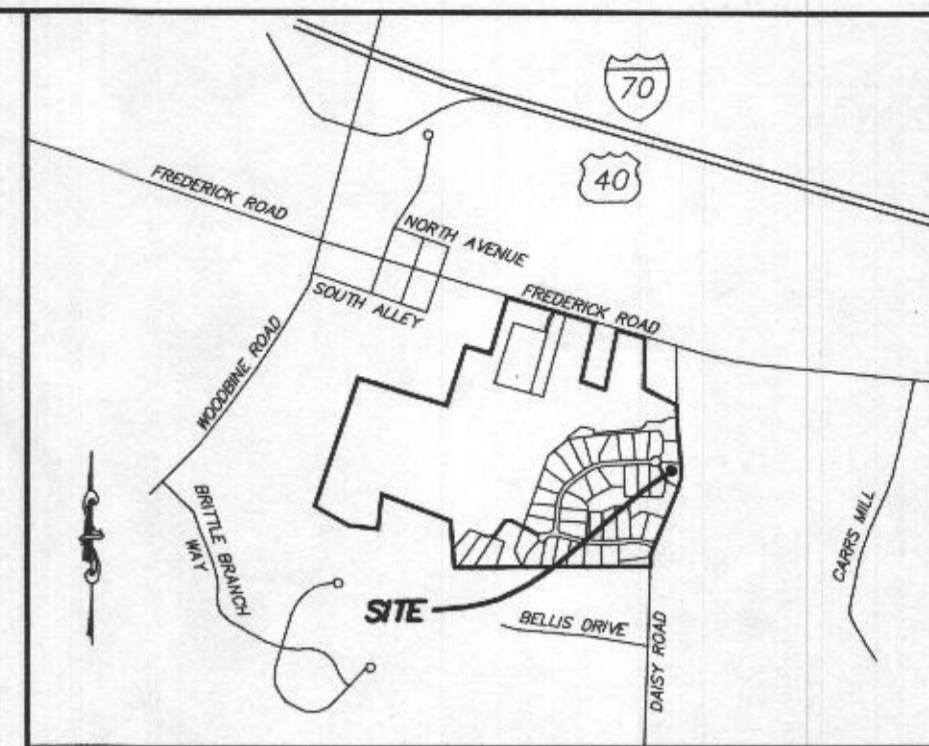
THE EXISTING WELL SHOWN FOR LOT 33 (TAG NO. HO-20-0027) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN HEREON.

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
LOT 33
LINDEN GROVE
LIBER 15899, FOLIO 246
PLAT NO. 25722
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
ADDRESS: 1450 HERITAGE RIDGE ROAD
WOODBINE, MARYLAND 21797

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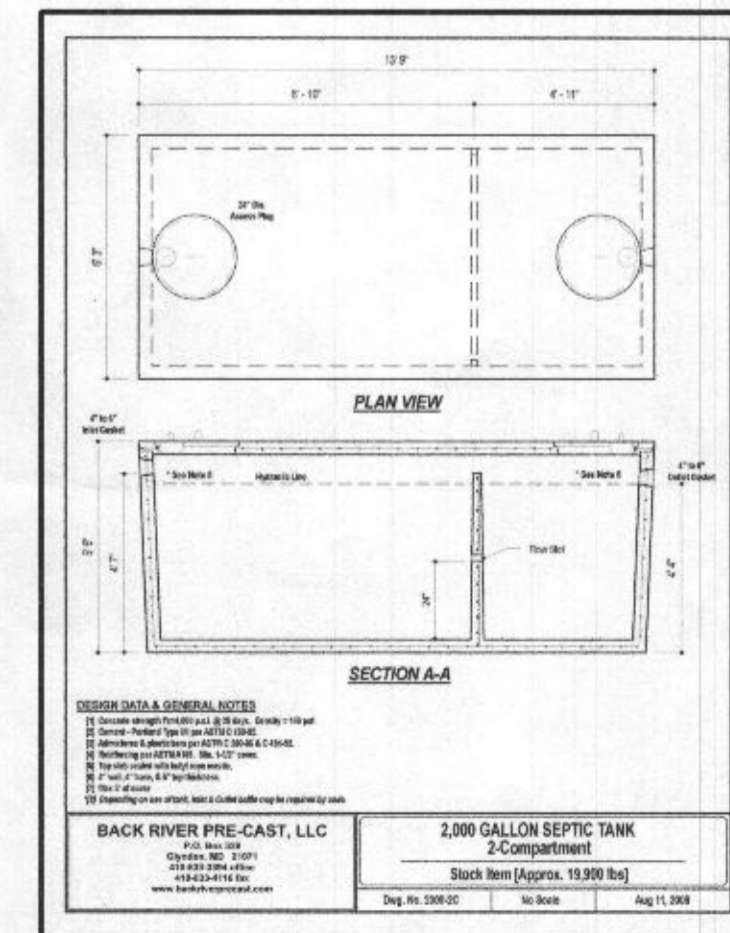
DATE: 03/15/2022 SCALE: 1"= 30' FILE: OSDS LOT 33
CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.



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.



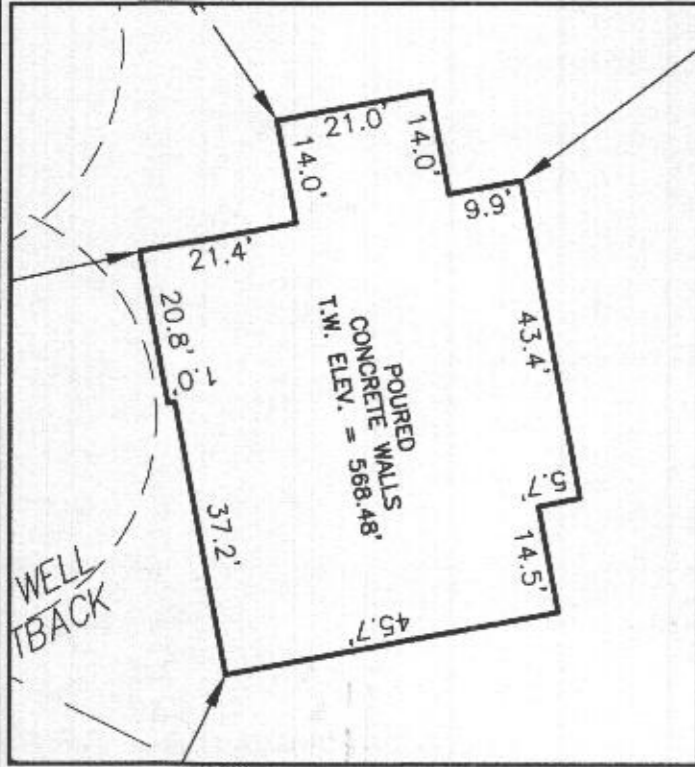
DESIGN DATA & GENERAL NOTES:

- 1. Design based on 150 GPD/BDRM x 5 BDRM = 750 GPD
- 2. Design based on 1.2 APP. RATE = 625 SF
- 3. Design based on 0.8 APP. RATE = 937.50 SF
- 4. Design based on 0.36 REDUCION
- 5. Design based on 1.2 APP. RATE = 625 SF
- 6. Design based on 0.31 REDUCION
- 7. Design based on 1.2 APP. RATE = 625 SF
- 8. Design based on 0.31 REDUCION

BACK RIVER PRE-CAST, LLC

2,000 GALLON SEPTIC TANK
2 Components
Stock Item (Approx. 10,000 Inq)
Aug 11, 2008

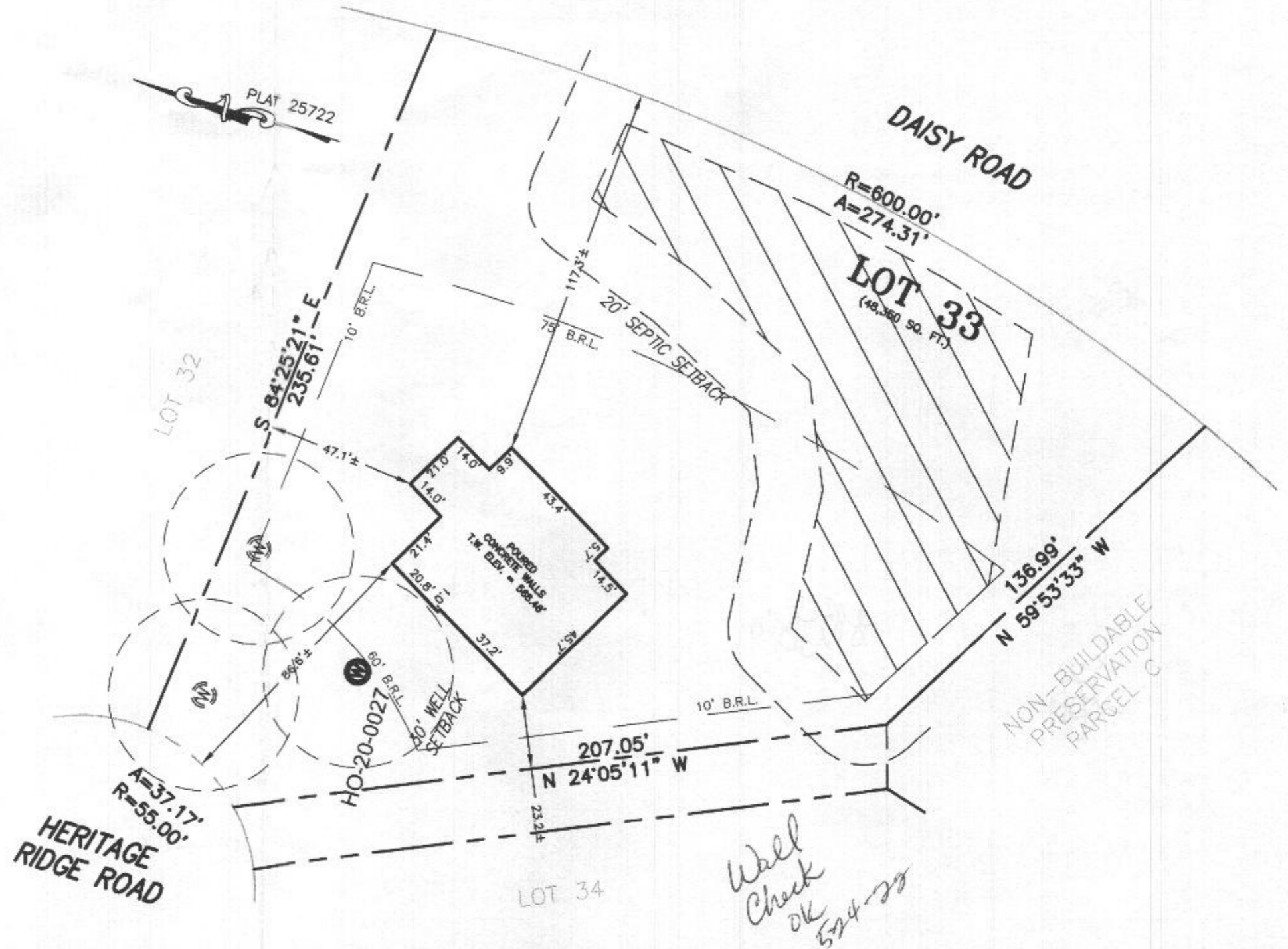
LEGEND:
 BRL BUILDING RESTRICTION LINE
 T.W. TOP OF WALL
 ELEV. ELEVATION



HOUSE ENLARGEMENT
NOT TO SCALE

WELL NUMBER: HO-20-0027
ADDRESS: 1450 HERITAGE RIDGE ROAD
 WOODBINE, MD 21797
PERMIT NO.: B21003353

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



*Wall
Check
OK
5/24/22*

NON-BUILDABLE
PRESERVATION
PARCEL C

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 04/06/22
 SIGNATURE: MICHAEL JOE BOYCE MD. LIC NO. DATE

WALLCHECK
 LOT 33
LINDEN GROVE
 LIBER 15899, FOLIO 246
 PLAT NO. 25722
 ELECTION DISTRICT No. 4
 HOWARD COUNTY, MARYLAND

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

DATE: 04/06/2022 SCALE: 1" = 40' FILE: WC LOT 33
 CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.

WS-SP-APP-22-00131



HOUSE OPTIONS:

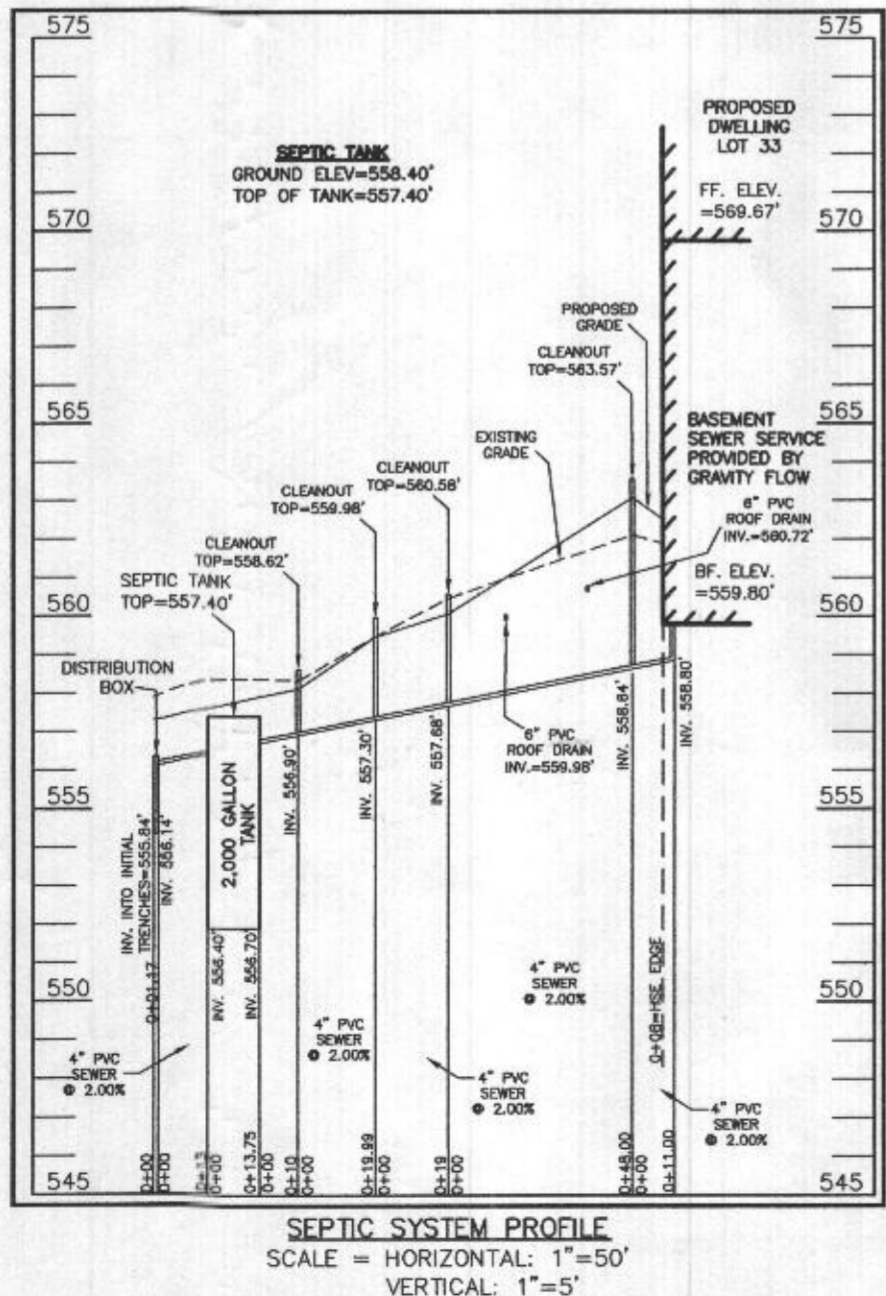
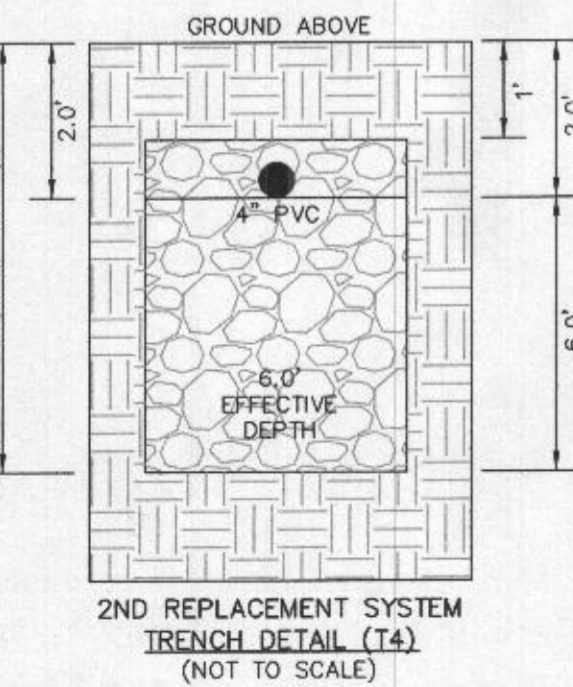
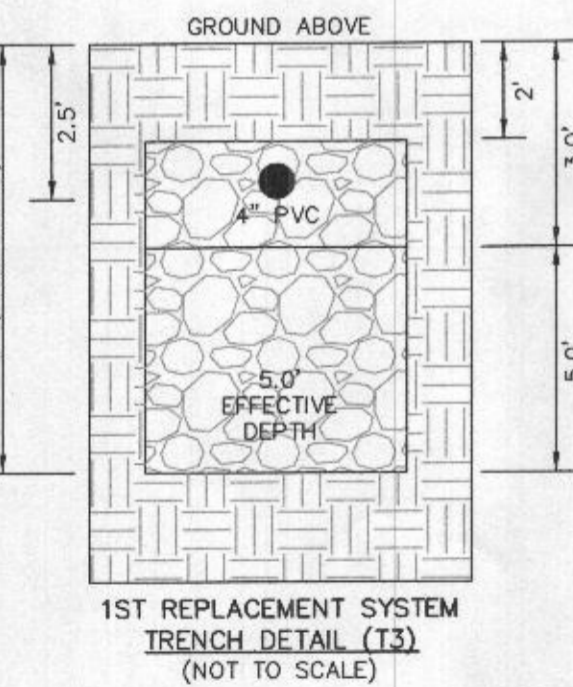
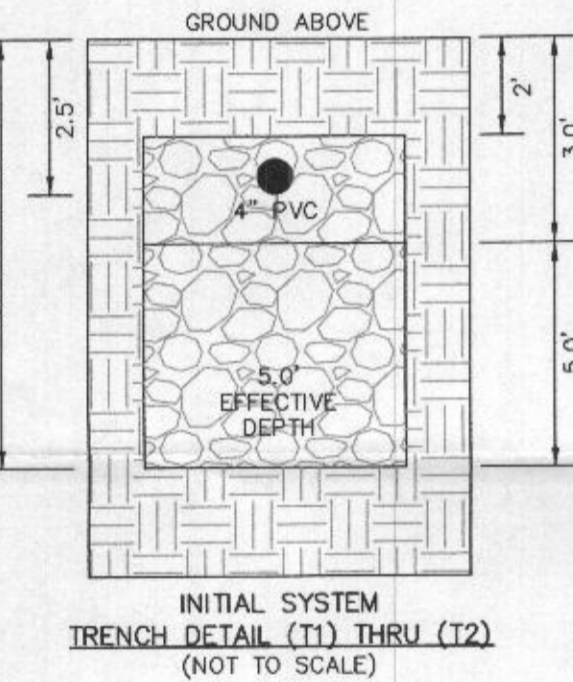
HOUSE TYPE: DUMONT (MODERN FARMHOUSE)

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- WALK-OUT BASEMENT
- ADDITIONAL WALK-IN CLOSET
- ADDITIONAL ONE CAR FRONT ENTRY GARAGE - 14'
- OUTDOOR LIVING DECK - WALK-OUT
- BUTLER PANTRY

- OPTION No. 012
- OPTION No. 017
- OPTION No. 030
- OPTION No. 263102
- OPTION No. 263169
- OPTION No. 812

INITIAL TRENCH DATA

- BOTTOM MAX. DEPTH (8.0')
- TRENCH 1 (T1): 56.25 LF.**
GROUND ABOVE = 557.78'
INV. IN = 555.28'
BOTTOM TRENCH = 549.78'
- TRENCH 2 (T2): 56.25 LF.**
GROUND ABOVE = 557.05'
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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
 - PASSSED PERC LOCATION
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 - WELL BOX AREA
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750 GPD ÷ 0.8 APP. RATE = 937.50 SF
USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
13' MIN. SPACING BETWEEN TRENCH EDGES
937.50 SF ÷ 3' WIDTH = 312.50 LF x 0.36 (REDUCTION) = 112.50 LF MIN.
USE 2 56.25' LONG TRENCHES = 112.5 LF
- 4. 1ST REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD ÷ 1.2 APP. RATE = 625 SF
USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
13' MIN. SPACING BETWEEN TRENCH EDGES
625 SF ÷ 3' WIDTH = 208.33 LF x 0.36 (REDUCTION) = 75 LF MIN.
USE 1 75' LONG TRENCHES = 75 LF
- 5. 2ND REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD ÷ 1.2 APP. RATE = 625 SF
USE 3' WIDE TRENCH WITH 72" GRAVEL BELOW PIPE
15' MIN. SPACING BETWEEN TRENCH EDGES
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USE 1 64.58' LONG TRENCH = 64.58 LF



Approved Septic System Plan
Howard County Health Department
2000-gal Septic Tank
To Gravity Drainfield
for 5-bedroom residence
Builder 5/2/22
Signature Date

SOILS LEGEND

SOIL	NAME	CLASS	Kw
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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

WELL LOCATION CERTIFICATION:

THE EXISTING WELL SHOWN FOR LOT 33 (TAG NO. HO-20-0027) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN HEREON.

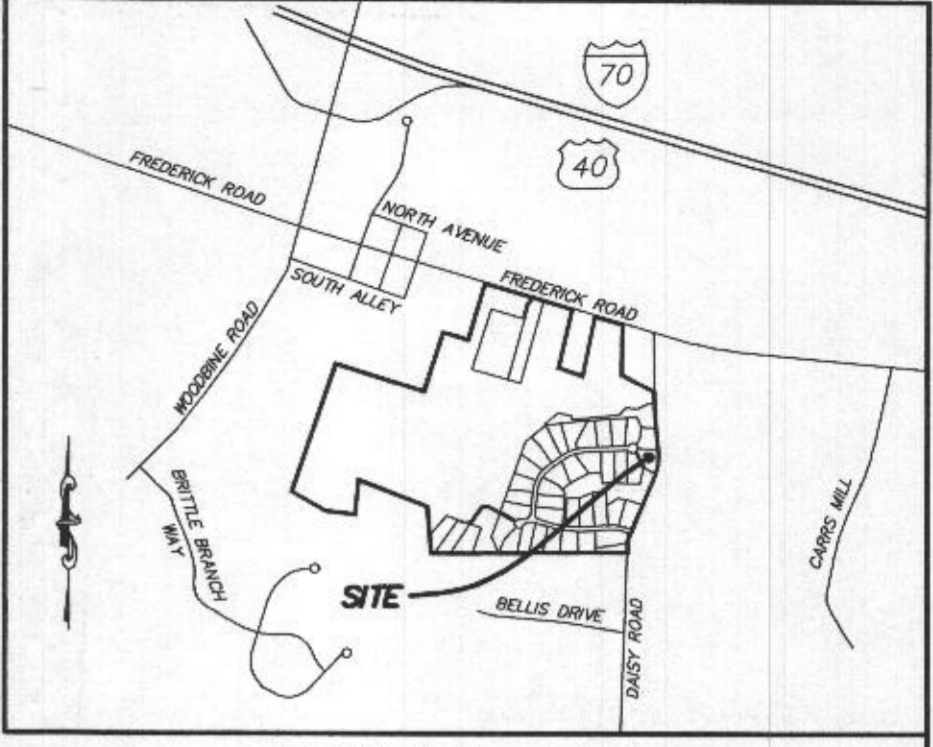
ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
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LIBER 15899, FOLIO 246
PLAT NO. 25722
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HOWARD COUNTY, MARYLAND
ADDRESS: 1450 HERITAGE RIDGE ROAD
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DATE: 03/15/2022 SCALE: 1"= 30' FILE: OSDS LOT 33
CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.

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.



VICINITY MAP
1" = 1000'

GENERAL NOTES:

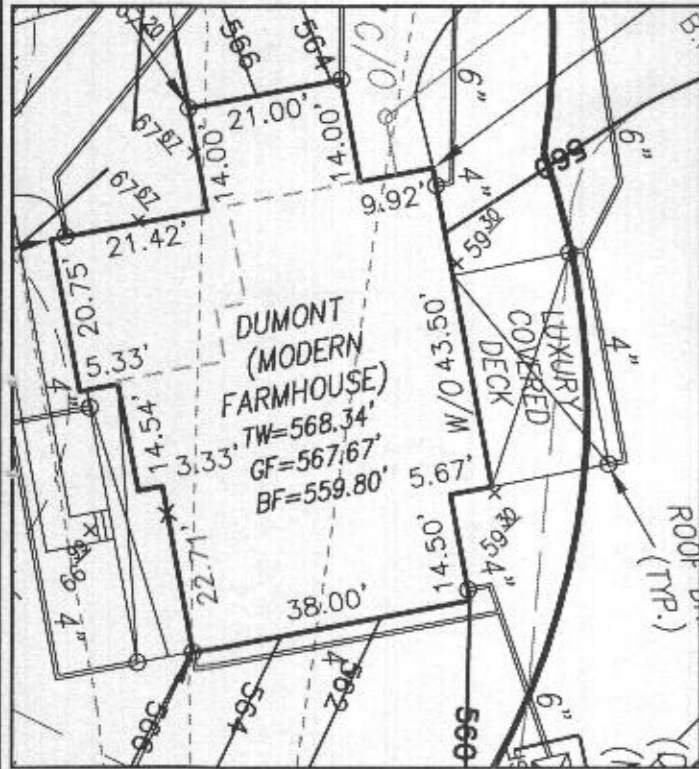
1. THESE AREAS DESIGNATE A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH DEPARTMENT SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS UNTO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
2. 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.
3. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
4. BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.
5. 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.
6. THE MAXIMUM EARTH COVER OVER THE TANK IS THREE (3) FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
8. THE EXISTING TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY GIS, 2' CONTOUR INTERVAL AND FIELD VERIFIED BY FISHER, COLLINS AND CARTER, INC.

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.

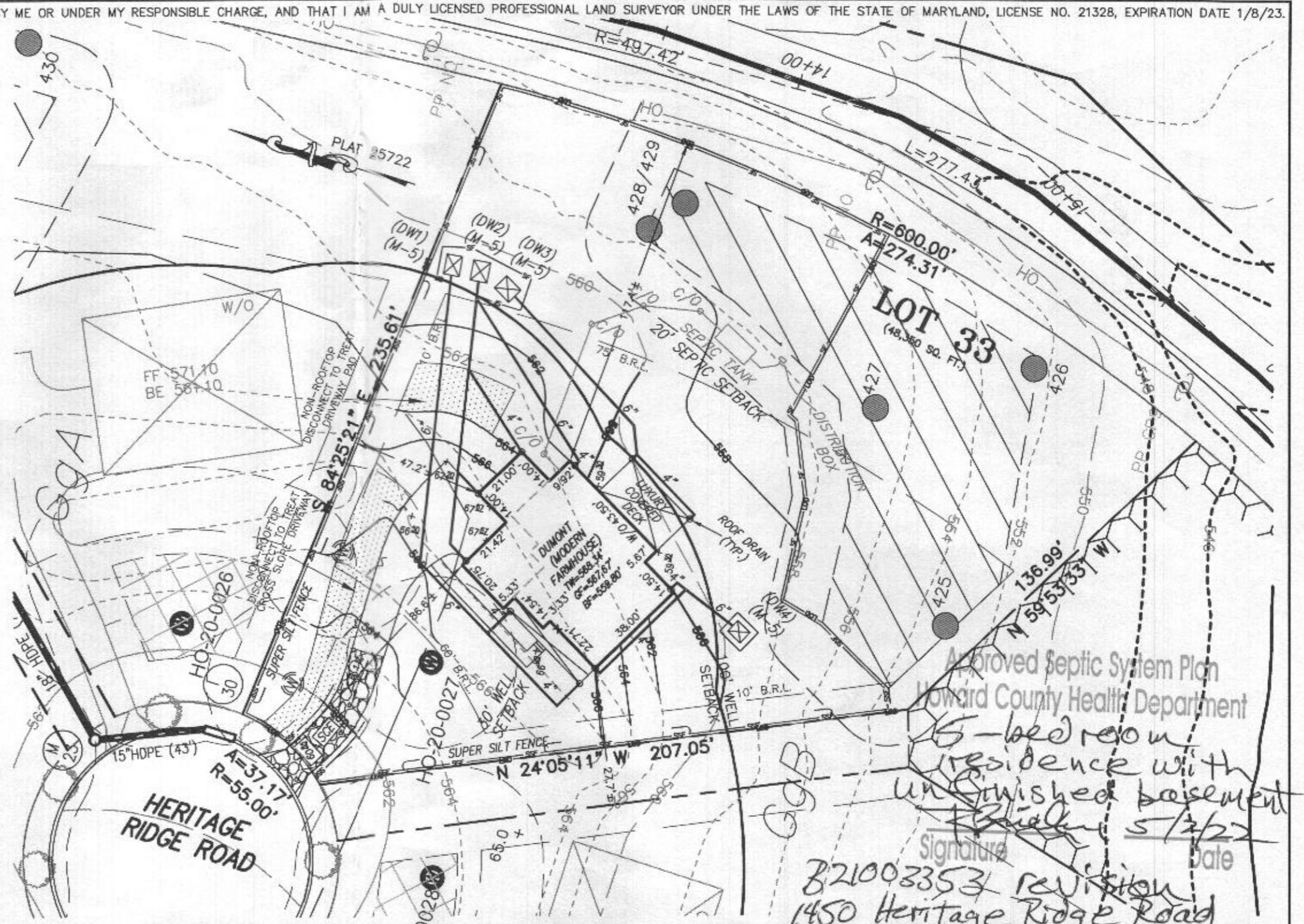
LEGEND:

- BRL BUILDING RESTRICTION LINE
- W 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) = 35,320 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.



HOUSE TYPE: DUMONT (MODERN FARMHOUSE)

TWO CAR SIDE ENTRY GARAGE
WALK-OUT BASEMENT
ADDITIONAL WALK-IN CLOSET
ADDITIONAL ONE CAR FRONT ENTRY GARAGE - 14'
OUTDOOR LIVING DECK - WALK-OUT
BUTLER PANTRY

OPTION No. 012
OPTION No. 017
OPTION No. 030
OPTION No. 263102
OPTION No. 263169
OPTION No. 812

WELL NUMBER: HO-20-0027

ADDRESS: 1450 HERITAGE RIDGE ROAD
WOODBINE, MD 21797

PLOT PLAN
LOT 33
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: 02/06/2022 SCALE: 1" = 40' FILE: PP LOT 33 DUMONT MF.
CHK'D: M.J.B. JOB NO: 4683 DRAWN: V.X.P.