

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

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME 1203/LOT 5 2.208 AR S 1 6625 ISLE OF SKYE DR HIGHLAND LAKE

PROPERTY ADDRESS 6625 ISLE OF SKYE DR HIGHLAND 20777-0000
STREET TOWN ZIP

TAX ACCOUNT # 381452 TAX MAP 0034 GRID 0022 PARCEL 0370 LOT NO. 5 PROPOSED LOT SIZE (ACRES) 2.20

ZONING CATEGORY RR-DEO TIER

PROPERTY OWNER(S) HAWKINS STANLEY, HAWKINS MARCIA M

DAYTIME PHONE 202-412-5565 CELL EMAIL stanhawk@verizon.net

MAILING ADDRESS 6625 ISLE OF SKYE DRIVE HIGHLAND, MD 20777
STREET CITY, STATE ZIP

APPLICANT Stanley Hawkins RELATIONSHIP TO OWNER: Self

DAYTIME PHONE CELL 202-412-5565 EMAIL stanhawk@verizon.net

MAILING ADDRESS 6625 Isle of Skye Highland MD 20777
STREET CITY, STATE ZIP

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

PROPERTY:

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
REPAIR OR REPLACE FAILING OSDS
UPGRADE EXISTING OSDS

BUILDING:

- RESIDENTIAL WITH 3 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- YES
NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
THE APPLICATION FEE IS NON-REFUNDABLE
THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

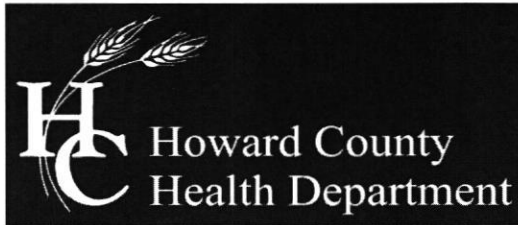
Signature of Stanley Hawkins

5/4/22

SIGNATURE OF APPLICANT

DATE

WS-Pt -22- 01357



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

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Date: July 25, 2022

To: Stanley & Marcia Hawkins  
6625 Isle of Skye Dr.  
Highland, MD 20777

Re: **Percolation Test Report**  
6625 Isle of Skye Dr.  
Highland, MD 20777

Percolation tests were conducted at 6625 Isle of Skye Drive (Tax Map 34, Parcel 370) on 7/19/2022. Tests and profile descriptions were documented for locations P-1 thru P-8. Out of 8 test locations, 7 passed (P-3 failed).

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil conditions. The area must be at least 10,000 sqft and large enough to accommodate 3 systems (initial and two replacements). If 3 systems cannot fit the Health Dept. may consider allowing 2 systems (initial and 1 replacement) which will require Best Available Technology (BAT). The next step in the process is to have an engineer/consultant submit a finalized percolation certification plan to the Health Dept. for review and signature.

Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-6357 or by email [rfreemon@howardcountymd.gov](mailto:rfreemon@howardcountymd.gov)

Respectfully,

A handwritten signature in black ink, appearing to read 'Robert Freemon', is written above the typed name.

Robert Freemon  
Bureau of Environmental Health  
Well & Septic Program

Attachment: Percolation Field Notes

A/P 1571538

(6625 Isle of Skye Drive)

Re Parc of Highland Lake  
Subdivision, Lot 5

P2

P4

0.5' DB, Loam  
YB, coarse  
SSK, mfi,  
SCL  
2' SB, RY, Medium  
SSK, mfr,  
FSL, fine  
mice  
↓  
LS  
13'

★ See  
Sheet  
2 of 2 For  
Sketch

★ P8 Observation  
Hole Beside Prywell  
On Sheet 2 of 2

P7

1' DB, YB, Loam  
1' SB, FSSK,  
mfr, & Loam  
2.5' SB, RY, Thick  
Platy, mfr,  
SL  
4' MKB, Y, BY, Thin  
Platy, mfr,  
LS to FLS  
compacted  
sand @  
9'  
11' Hard Bottom

1' DB, Loam  
YB, SB, Fine  
SSK to Thick  
Platy, mfi,  
CL  
3' YR, SB, Thick  
Platy, mfi,  
SCL  
4' SB, YB, Thick  
Platy, mfr, mfi,  
SL, dense sidewalk  
5' YB, mfr, Platy,  
mfr, LS, Dense  
sidewalk

P3

0.5' DB, Loam  
SB, Platy SSK  
Mix, mfi  
(Brittic), SCL  
1.5' SB, Platy, SSK  
Mix, mfr  
SL → LS  
2.5' DB, YB,  
Thin platy,  
Sand, mfr  
to ml  
↓  
13'

5' DB, P5  
DB to YB, Thick  
Platy, coarse SSK,  
CL, mfi  
1' SB, YR, M SSK  
meti, clay, 11'  
Very Dense  
sidewalk,  
2' SCL, mfi  
4.5' YR, medium platy,  
mfi to mfr,  
SL, Dense Sidewalk  
↓  
12'

P1

1' DB, Loam  
SB, Medium  
SSK, mfi,  
SCL  
1.5' SB, YR, Medium  
Platy, mfr, mfi,  
SL, Dense  
sidewalk, Britic  
3' SB, YR, Thin  
Platy, mfr,  
LS, Dense  
sidewalk, Britic  
12'

P6  
1' DB, Loam  
YB, CL,  
FSSK, mfi  
1' YR, SSK, mfi,  
Clay  
2' YR, M SSK  
Thick Platy,  
mfi, SCL  
4' RY, SB, Thick  
Platy, mfr,  
FL  
4.5' SB, YB, Thin Platy,  
mfr, FLS  
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/19/20 22	P4	4.5 13	9:13	9:17	9:24	7	P
	P3	4.5 13	9:59	30 sec	FAST		F
	P3	4.5 RT	10:03	10:04	10:05	1	F
	P2	4 12	10:44	11:54	SLOW		F
	P1	4 12	11:02	11:08	11:17	9	P
	P2	5 RS	12:00	12:04	12:16	12	P
	P5	5.5 12	12:41	12:59	1:18	19	P
	P6	5.5 12	1:34	1:35	1:36	1	F
	P6	5.5 12	1:39	1:41	1:44	3	P

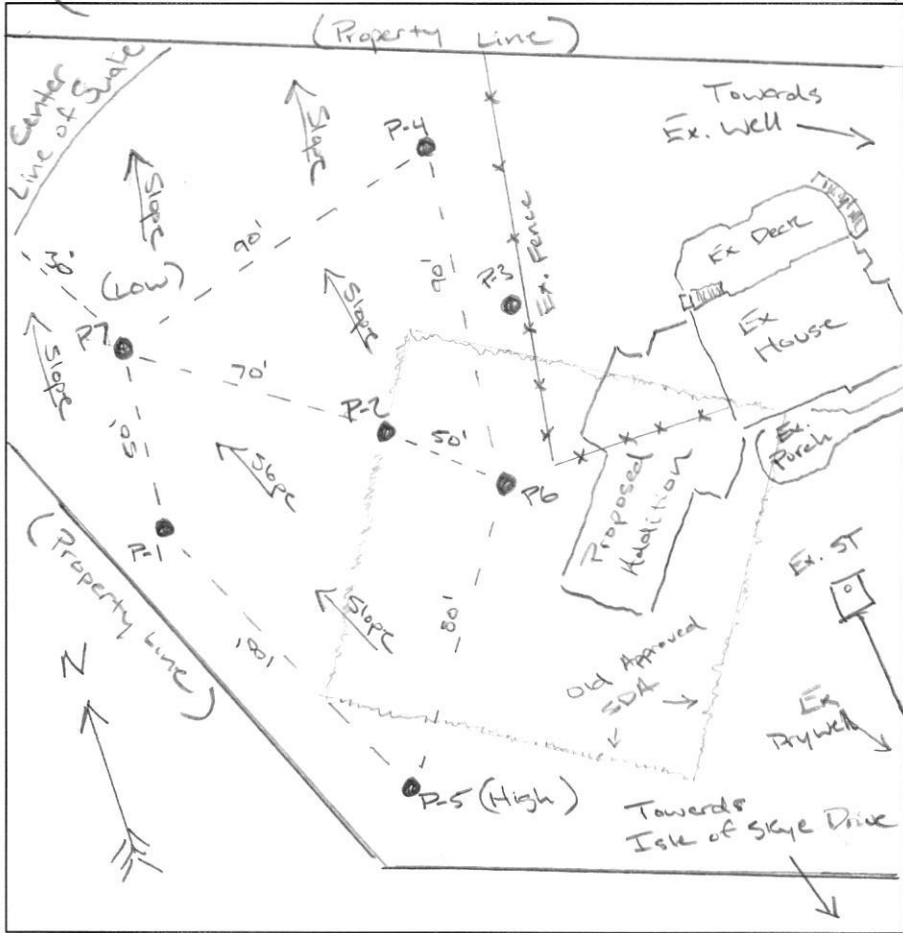
REMARKS Avoid Test Hole P3, Test Holes P-1 thru P-5 on test plan,  
SANITARIAN RSF BACKHOE Fosels OTHERS Ricky + Kevin (contractors)  
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 0.8 SQ. FT/BR 150  
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH 8 EFFECTIVE SW 4'-5"-7'-8"

Test Holes P6, P7, P8 Added In Field

A/P A571538

(6625 Isle of Skye Drive)

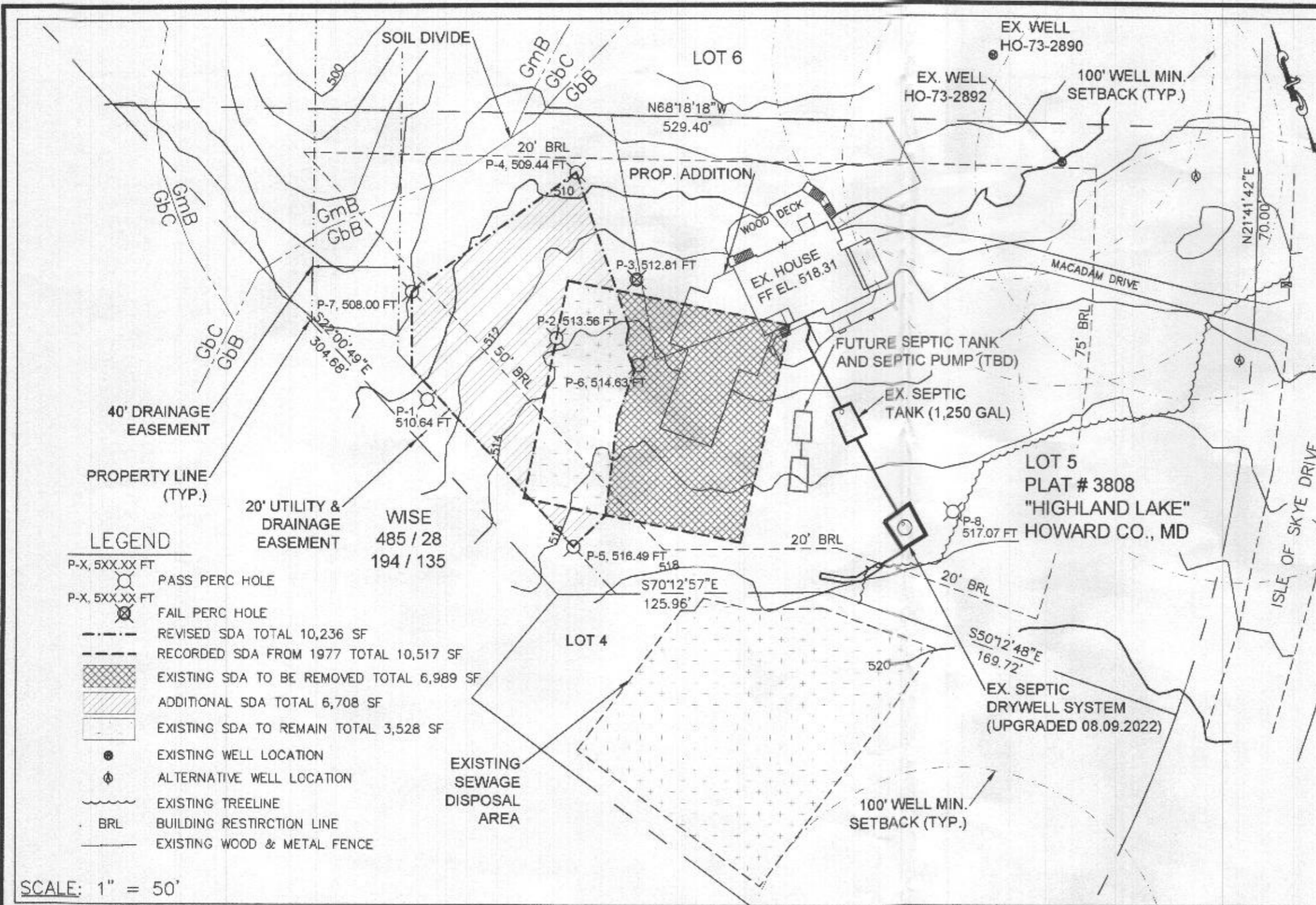
P8  
 0.5'  
 DB, L  
 SR, TC,  
 SBIC, SL  
 to LS  
 19'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/19/20 22	P8	OBSERVATION					P
		Soil Profile Better					
		Than P-1 thru P7					

REMARKS 4' Buffer Confirmed for Drywell, Liquid level below inlet  
 SANITARIAN RSF BACKHOE Fogles OTHERS Ricky + Kevin (Backhoe)  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 0.8 SQ. FT/BR 150  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Drywell in functioning condition, 0.8 rate given for Drywell + Trench system. Ex Septic system sized for 4 BRs



OWNER/PERMIT APPLICANT

HAWKINS, STANLEY  
6625 ISLE OF SKYE DRIVE,  
HIGHLAND, MD 20777

PH: 202-412-5565



2040D OBSERVATION DR.  
SUITE 208  
GERMANTOWN, MD 20876  
TEL. (301) 561 9833  
FAX (301) 528 2061  
PLANNERS  
ENGINEERS  
CONSTRUCTION MANAGERS

PROFESSIONAL ENGINEER  
CERTIFICATION  
NAME, P.E. VINEET BHANOT  
LICENSE No. 28506  
EXPIRATION DATE: 01-15-23

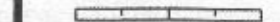


I HEREBY CERTIFY THAT THESE DOCUMENTS WERE DESIGNED IN ACCORDANCE WITH THE APPLICABLE CODES IN THE STATE OF MARYLAND, WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

PROJECT TITLE  
**6625 Isle of Skye**  
PROJECT ADDRESS  
**6625 Isle of Skye Drive  
Highland, MD 20777**  
SHEET TITLE  
**PERC. CERT. PLAN**

PROJECT NUMBER: 041922  
DATE: 08-04-2022  
SCALE: 1" = 50'

ORIGINAL SHEET SIZE  
11X17  
SHOULD MEASURE 1":



DRAWING  
**P-1**  
1 of 1

SCALE: 1" = 50'

GENERAL NOTES:

1. --- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A REVISED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.
2. ANY CHANGE TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
3. THE TOPOGRAPHY OF THIS PLAT IS TAKEN FROM DATA.HOWARDCOUNTYMD.GOV AND FIELD SURVEYS BY MARKS & ASSOCIATES, LLC IN JULY OF 2021 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
4. 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.
5. EXISTING SEPTIC SYSTEM TO BE EVALUATED PRIOR TO BUILDING PERMIT APPROVAL.

PURPOSED NOTE:

THIS PLAN SERVES AS A PERCOLATION CERTIFICATION PLAN SHOWING REQUIRED INFORMATION PER HOWARD COUNTY HEALTH DEPARTMENT GUIDELINES. PROPOSED ADDITION OVERLAPS EXISTING SDA. EXISTING SDA TO BE EXPANDED NORTH AND WEST.

Approved For Private Water And Private Sewerage Systems

*[Signature]* 10/4/22  
Health Officer, Howard County Health. Dept. Date



20400 OBSERVATION DR.  
SUITE 208  
GERMANTOWN, MD 20876  
TEL. (301) 681 3883  
FAX (301) 688 8061  
PLANNERS  
ENGINEERS  
CONSTRUCTION MANAGERS

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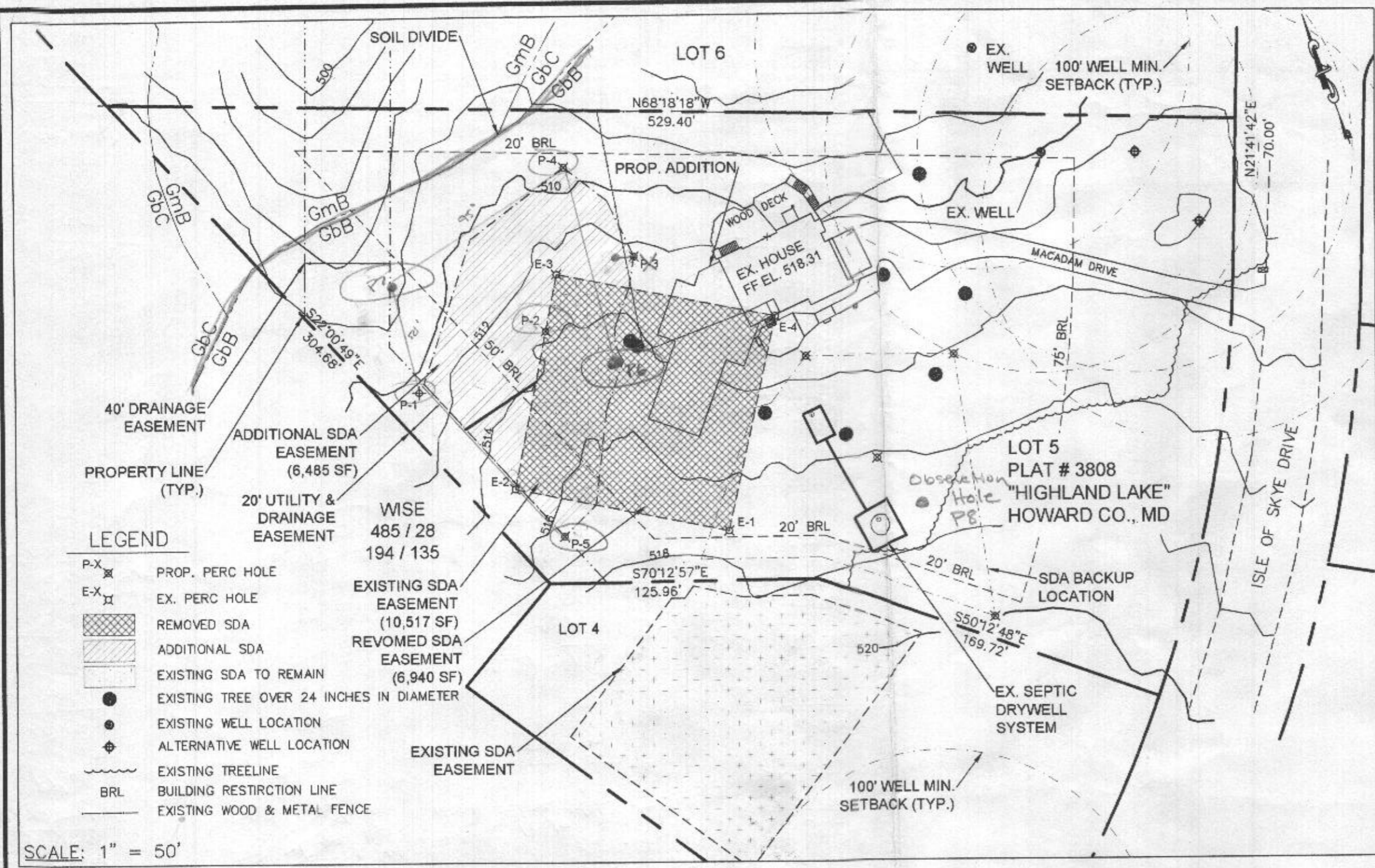
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SHEET TITLE  
SITE PLAN

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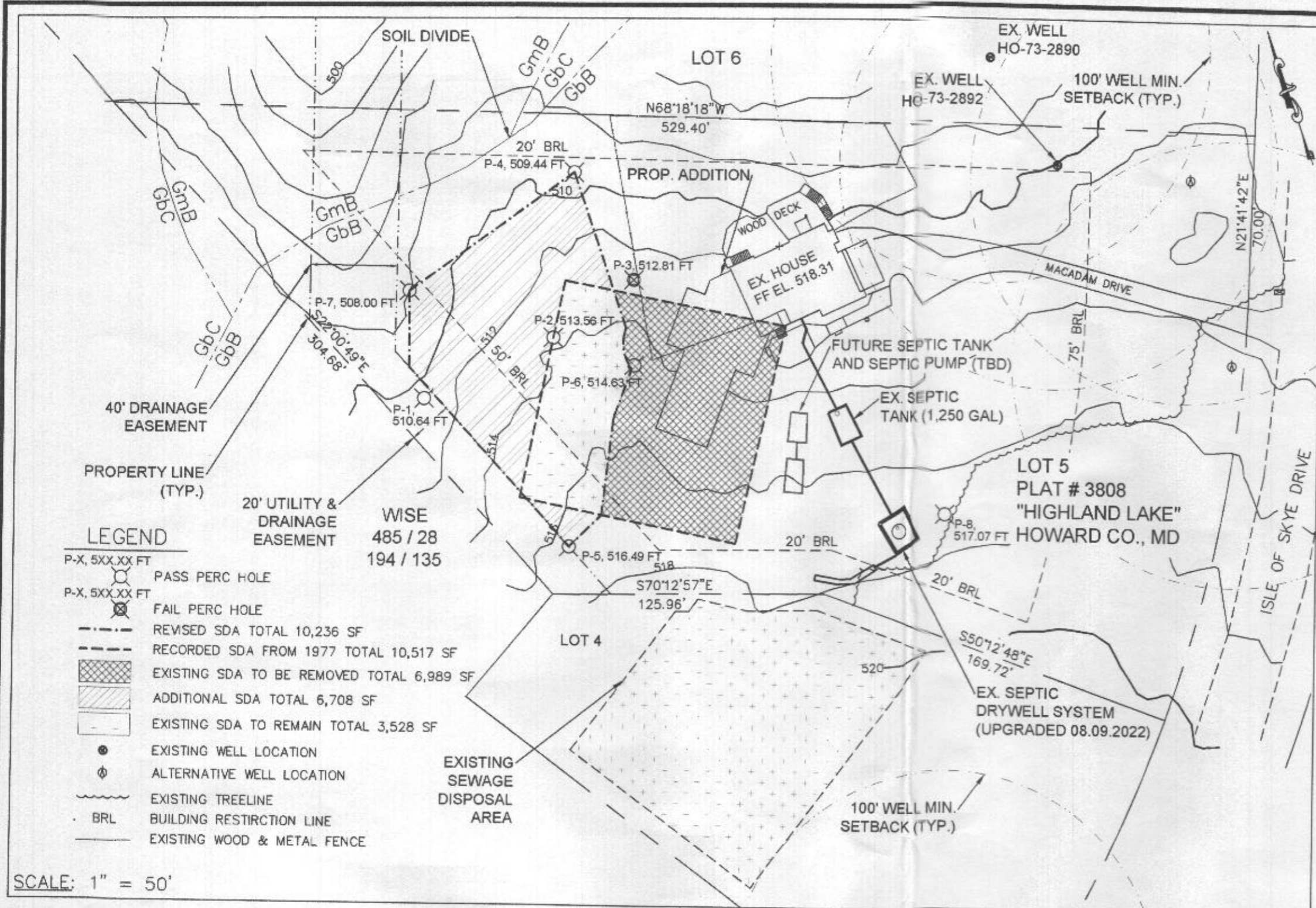
DRAWING  
**C-1**  
1 of 1



- NOTES
1. PROPOSED ADDITION OVERLAPS EXISTING SDA. EX. SDA TO BE EXPANDED WEST AND NORTH.
  2. ADJUSTED SDA SHALL MAINTAIN MINIMUM 20' SETBACK FROM PROPOSED ADDITION.
  3. "WISE" LOT EX. WELL, NOT SHOWN, IS LOCATED MORE THAN 100' FROM PROPERTY LINE.
  4. EXISTING SDA = 10,517 SF  
EASEMENT REMOVED = 6,940 SF  
EASEMENT ADDITION PROPOSED = 6,720 SF  
  
ADJUSTED SDA = 10,297 SF

*Test Plan Used For  
7/19/2022 Perc  
RMC*

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HIGHLAND, MD 20777  
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**BEI**

80400 OBSERVATION DR.  
 SUITE 208  
 GERMANTOWN, MD 20876  
 TEL. (301) 591-9833  
 FAX (301) 598-2051

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**LEGEND**

- P-X, 5XX.XX FT PASS PERC HOLE
- P-X, 5XX.XX FT FAIL PERC HOLE
- REVISED SDA TOTAL 10,236 SF
- RECORDED SDA FROM 1977 TOTAL 10,517 SF
- EXISTING SDA TO BE REMOVED TOTAL 6,989 SF
- ADDITIONAL SDA TOTAL 6,708 SF
- EXISTING SDA TO REMAIN TOTAL 3,528 SF
- EXISTING WELL LOCATION
- ALTERNATIVE WELL LOCATION
- EXISTING TREELINE
- BRL BUILDING RESTRICTION LINE
- EXISTING WOOD & METAL FENCE

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Approved For Private Water And Private Sewerage Systems

*Vineet Bhanot*  
 Health Officer, Howard County Health. Dept. *RIE* Date *10/4/22*

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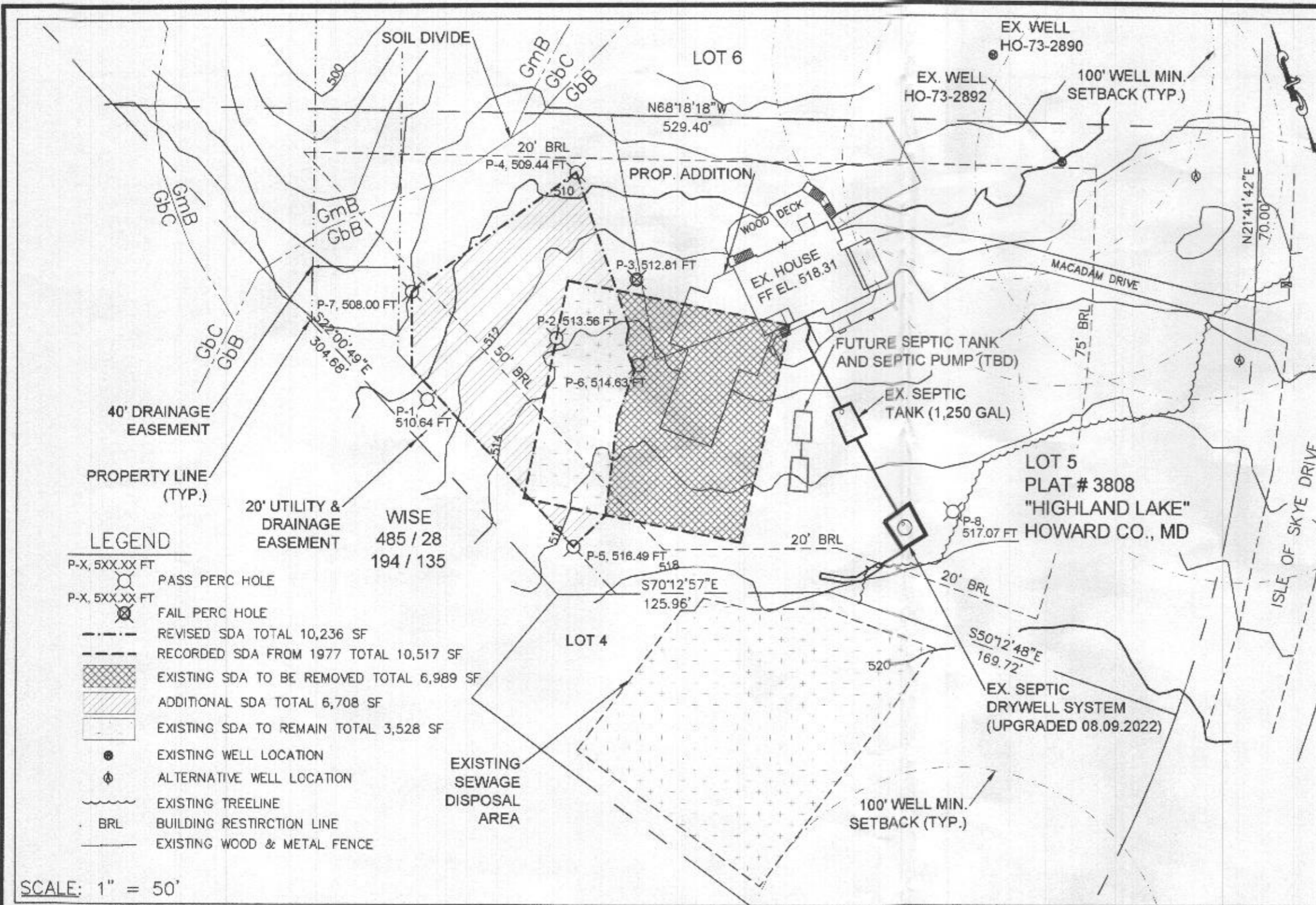
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