

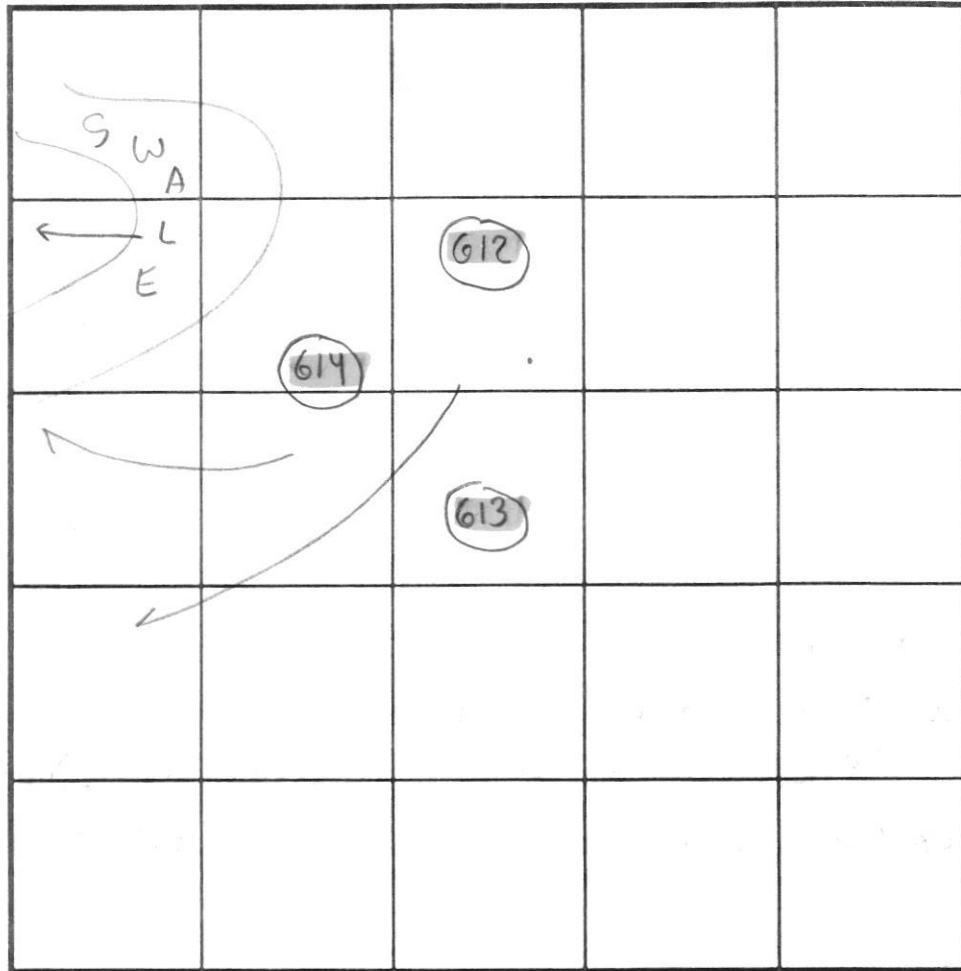
NOT TO SCALE

COUNTY #

SOIL PROFILE

0'
6-8"
13'6"

612
dark brn
topsoil
red-brn
dense
clay 1m
w/quartz
channers
tan-yellow
brown
channery
sandy
1m
25-35%
MICA
SCHIST
WEATHERED



SOIL PROFILE

0'

613

6"
5'6"
14'

brown
topsoil
orange-brn
clay
1m
tan-brige
channery
sandy
1m
25-35%
WEATHERED
MICA
SCHIST

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/4/02	612	5'T 13'6"V	12:10pm	12:16pm	12:16pm	12:27	11min	OK
		8'T 13'6"V	12:11pm	12:17pm	12:17pm	12:30pm	13min	OK
	613	5'6" T 14'V	2:16pm	2:30pm	2:30pm	2:43pm	13min	OK
		8'T 13'6"V	2:17pm	2:35pm	2:35pm	2:45pm	10min	OK
	614	8'T 14'V	2:19pm	2:21pm	2:21pm	2:24pm	3min	OK

614

6"
5'
14'

dark brn
topsoil
red-brn
dense
clay
1m
tan-brige
channery
sandy
1m
35-45%
WEATHERED
MICA
SCHIST

REMARKS Treatment Zone Verified w/deep tests, Holes dug per stakes, Contour per plan

TYPE OF SOIL Mapped as Glenelg

TESTED BY SRK & FA Jeff Allen = Backhoe ALSO PRESENT Chuck Sharp Richard Demmitt

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 12min TRENCH WIDTH 3'

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 210

14'

APPLICATION

PERCOLATION TESTING

A 516902

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Payne

ADDRESS PO Box 581, Mt. Airy 21771 PHONE _____

AGENT OR PROSPECTIVE BUYER Ridgeview LLC Charles A. Sharp

ADDRESS PO Box 228, Clarksville 21029 PHONE 410-489-4630

PROPERTY LOCATION:

SUBDIVISION Payne Property LOT NO. 3

ROAD AND DESCRIPTION Long Corner Rd.

TAX MAP 6 PARCEL # 57

SIZE OF LOT 40 - 60,000 sq. Ft. TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

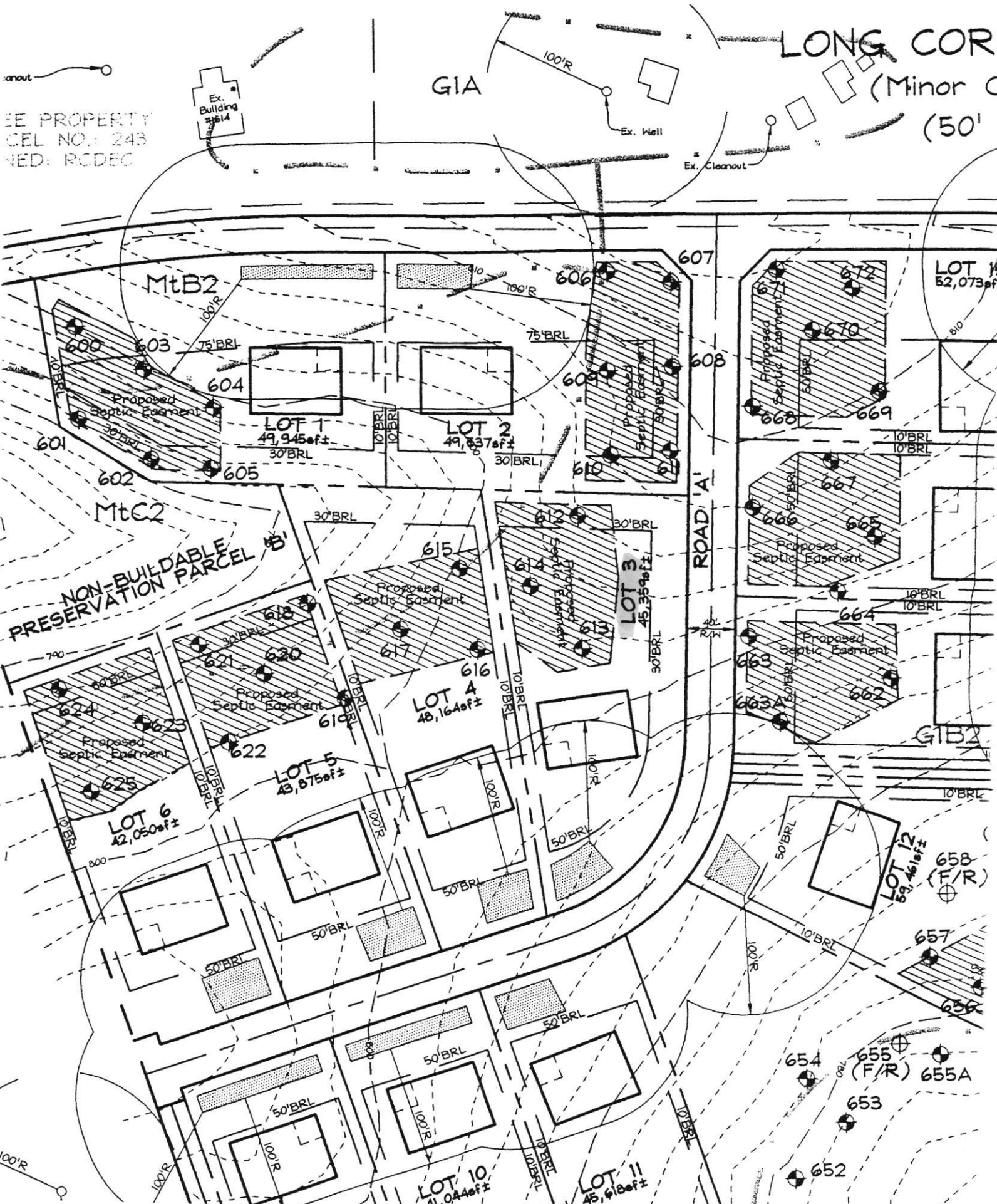
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

Signed Perc Cert

EE PROPERTY
CEL NO.: 243
MED: RCDEC

LONG COR
(Minor C
(50'



SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION: Payne Property
STREET NAME: Long Corner Rd

A 516902
LOT NUMBER: 3 on P.C.

AVERAGE PERCOLATION RATE: 12 min SQUARE FEET PER BEDROOM: 210
NUMBER OF BEDROOMS: _____ LINEAR FEET OF TRENCH PER BEDROOM: _____

TOTAL LINEAR FEET OF TRENCH: _____ SEPTIC TANK CAPACITY: _____

TOP SEAMED TANK REQUIRED? YES NO

Give credit for 3' bottom area + 1' effective sidewall. (4' total)

COMPARTMENTED TANK REQUIRED? YES NO

w/ effluent filter

TRENCH DIMENSIONS: Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 6 feet below original grade.

Effective ^{sidewall} ~~area~~ begins at 5' feet below original grade. 4 feet of stone

below distribution pipe. System design by SRK & Barry Glotfelty
Stone closer to surface for better oxygenation of trenches.

PUMPED SYSTEM PROPOSED: YES NO

PUMPED SEPTIC SYSTEM DETAIL: _____ gallon pump chamber.

YES NO Top seamed pump chamber required?

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

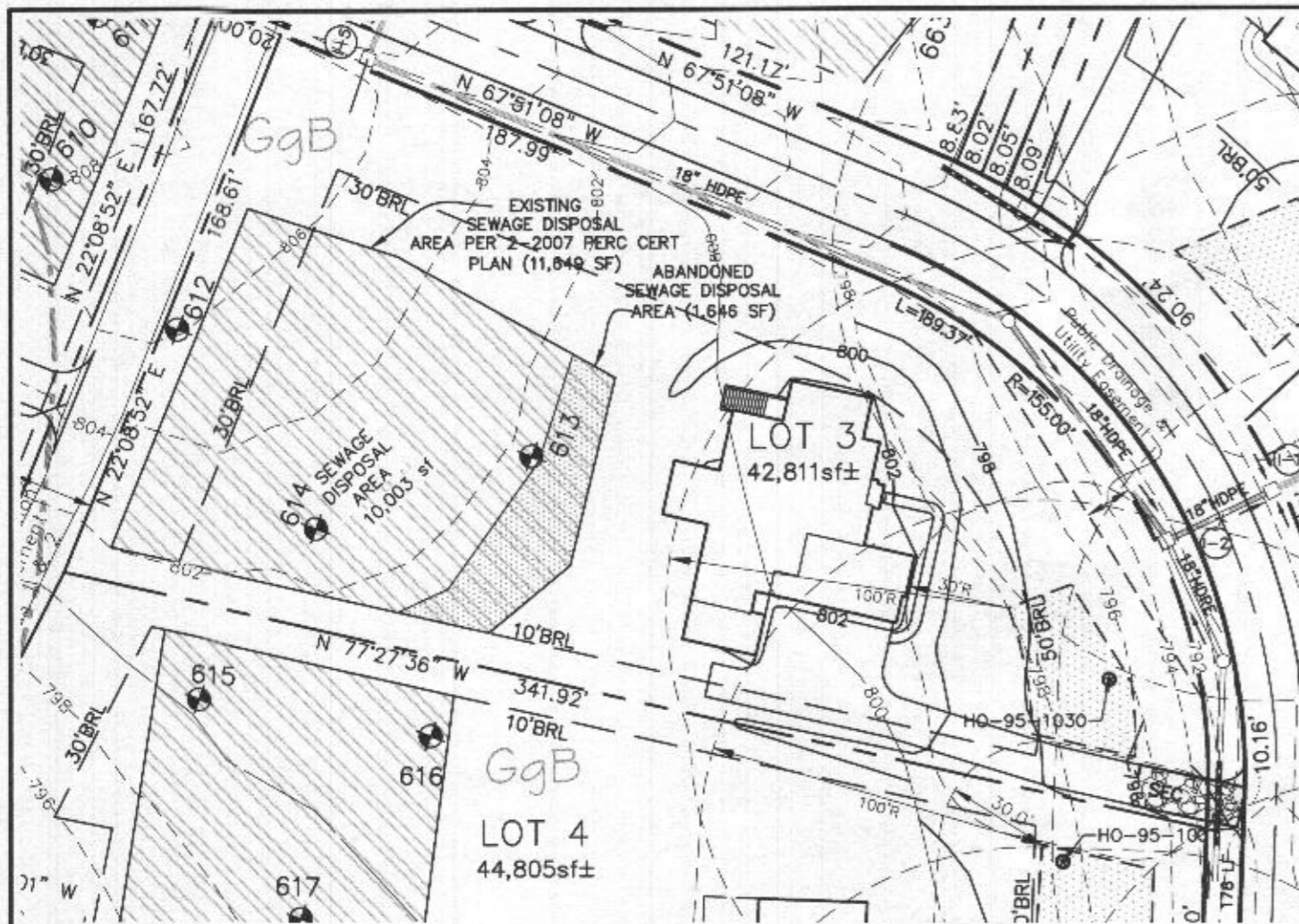
Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

LOCATION: _____

ADDITIONAL NOTES: Trenches should not be any deeper than 6'.
" " be definitely 3' wide.
Shallow inlet recommended for better oxygenation of trenches.

Reviewer: SRK

Date: 4/10/02



PLAN VIEW
1" = 50'

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD DATA PROVIDED BY HOWARD COUNTY HEALTH DEPARTMENT AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

2021 05 25 AM 08:55 -04'00
ALICE A. MILLER, P.E.
PLAN PREPARER FOR BENCHMARK ENGINEERING INC.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

Howard County Health Officer
HOWARD COUNTY HEALTH OFFICER *W.O.P.* DATE *6/11/21*

OWNER/BUILDER:
KEYSTONE CUSTOM HOMES, INC.
227 GRANITE RUN DR.
SUITE 100
LANCASTER, PA 17601
717-464-9060

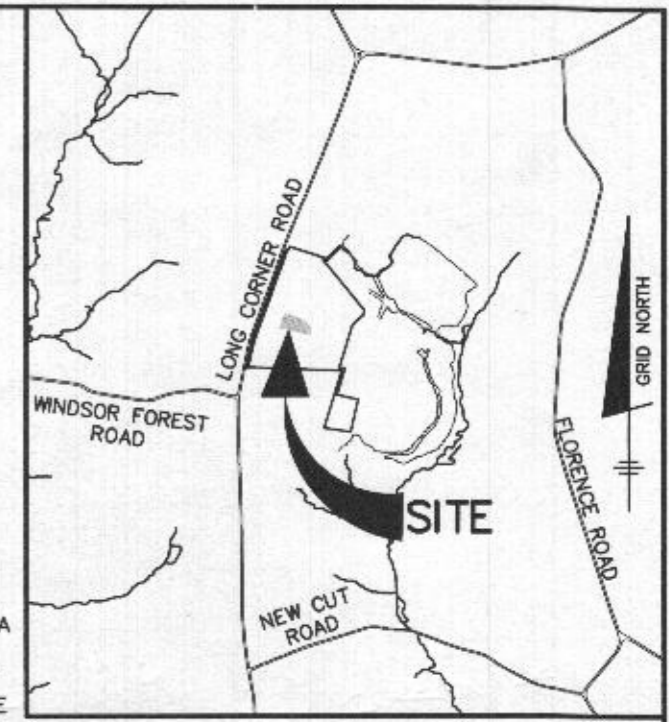
BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-8105 ▲ (F) 410-465-6844
WWW.BEI-CIVILENGINEERING.COM

LEGEND

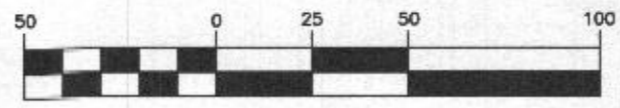
- 400 PROPOSED CONTOURS
- 400 EXISTING CONTOURS
- EXISTING PRIVATE SEWAGE DISPOSAL AREA
- EXISTING PRIVATE SEWAGE DISPOSAL AREA TO BE ABANDONED
- EXISTING WELL BOX
- MaC SOILS MAP SYMBOL
- SOILS DELINEATION LINE
- PERC TEST PASSED

GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. THE LOT SIZE FULFILLS THE REQUIREMENTS OF THE ZONING REGULATIONS, AND IS A RECORDED LOT, PLAT 19395.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWAGE DISPOSAL AREA PLAT SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN WAS BASED ON FIELD RUN TOPOGRAPHY BY C.B. MILLER & ASSOCIATES IN APRIL, 2002, AND WAS SUPPLEMENTED BY FIELD RUN TOPOGRAPHY BY BENCHMARK ENGINEERING, INC. IN JULY, 2020 AND CONSISTS OF 2 FOOT CONTOUR INTERVALS.
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. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1030) HAS BEEN FIELD LOCATED IN JULY, 2020 BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
7. THE SDA ON LOT 3 IS UPGRADE OF THE WELL AREA ON LOT 3. AN ADVANCED PRE-TREATMENT UNIT UTILIZING BEST AVAILABLE TECHNOLOGY FOR NITROGEN REDUCTION IS REQUIRED FOR THE DISPOSAL SYSTEM FOR THIS LOT.
8. PERCOLATION TEST FEE RECEIPT NUMBER IS 516902, DATED 4-4-2002



VICINITY MAP
SCALE: 1" = 2000'



(IN FEET)
1 inch = 50 ft.

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED PERCOLATION PLAN IS TO REVISE THE SDA TO PROVIDE SPACE TO ACCOMMODATE THE PROPOSED 5-BEDROOM HOUSE FOOTPRINT AND ASSOCIATED GRADING.	
PROJECT: WINDSOR FOREST KNOLLS LOT 3	
LOCATION: TAX MAP: 6 - GRID: 16 - PARCEL: 57 18422 HIDDEN CREEK WAY - TAX ID: 04-373189 ELECTION DISTRICT NO. 4 - HOWARD COUNTY, MARYLAND	
TITLE: REVISED PERCOLATION CERTIFICATION PLAN	
HOUSE TYPE: CUSTOM - KEYSTONE HOMES	
DATE: MARCH, 2021	PROJECT NO. 2986
SCALE: AS SHOWN	DRAWING <u>1</u> OF <u>1</u>