

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 P.O. Box 58, Mt Airy, 21771 PHONE _____

AGENT OR PROSPECTIVE BUYER Ridge View LLC Charles A. Sharp

ADDRESS P.O. Box 228 Clarksville 21029 PHONE 410 489 4630

PROPERTY LOCATION:

SUBDIVISION Payne property LOT NO. 18

ROAD AND DESCRIPTION Long Corner Rd

TAX MAP 6 PARCEL # 57

SIZE OF LOT 40-60,000 sq ft TYPE BLDG. residential
(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. Charles A. Sharp
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

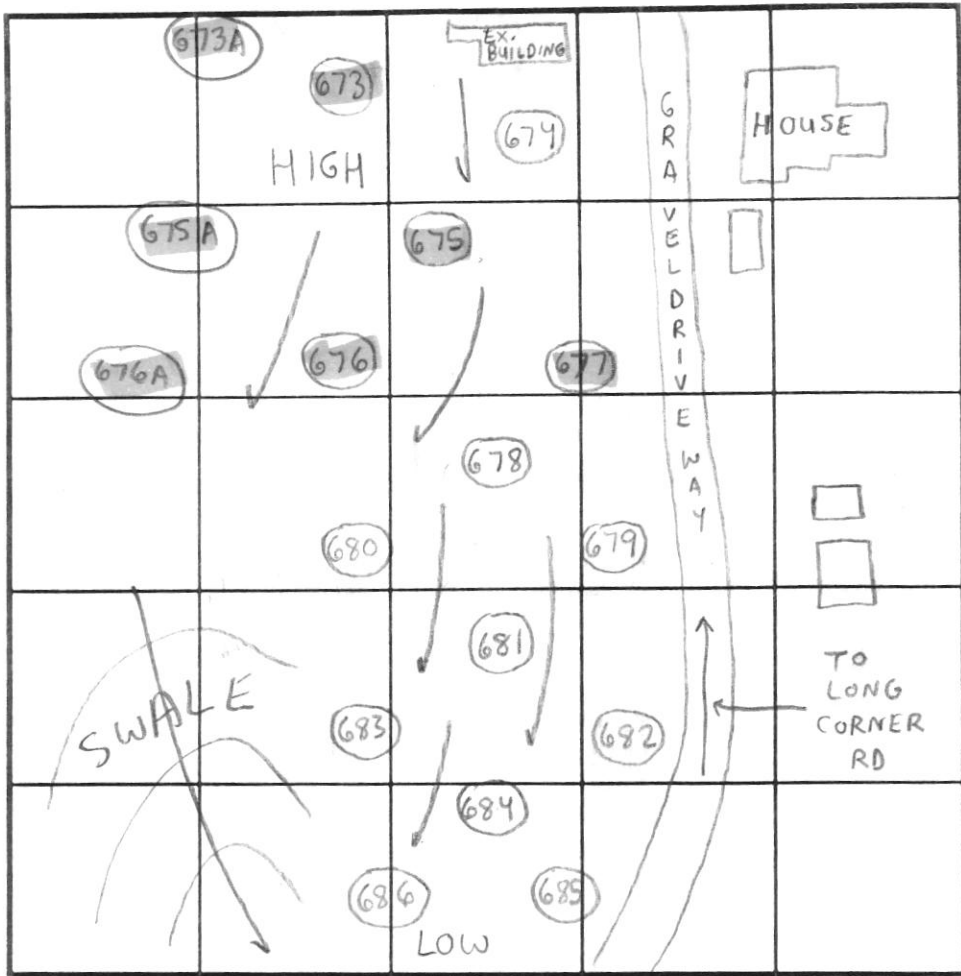
HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

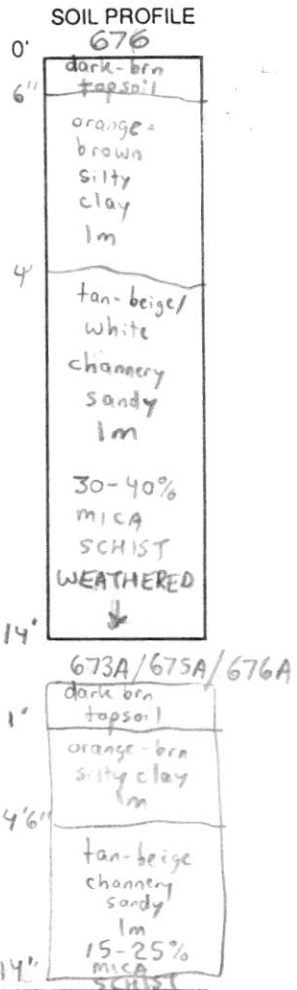
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/2/02	673	4' T / 13' V	4:20pm	4:30pm	4:30pm	4:40pm	10min	OK
		7' T / 13' V	4:20pm	4:24pm	4:24pm	4:30pm	6min	OK
	674	4' T / 13'8" V	3:54pm	4:02pm	4:02pm	4:12pm	10min	OK
		8' T / 13'8" V	3:58pm	4:05pm	4:10pm	4:15pm	5min	OK
	675	15' V	(VISUAL)	OK	(SEE SOIL PROFILE)			OK
4/9/02	675A	14' V	(")	(")	(")	(")	(")	OK
	676	5' T / 14' V	4:57pm	5:00pm	5:00pm	5:05pm	5min	OK
		8' T / 14' V	4:58pm	5:00pm	5:00pm	5:07pm	7min	OK
	677	5' T / 13'6" V	4:43pm	4:45pm	4:45pm	4:53pm	8min	OK
4/9/02	673A	5' T / 12' V	1:27pm	1:35pm	1:35pm	1:41pm	6min	OK
	676A	5' T / 13' V	1:38pm	1:48pm	1:48pm	2:00pm	12min	OK

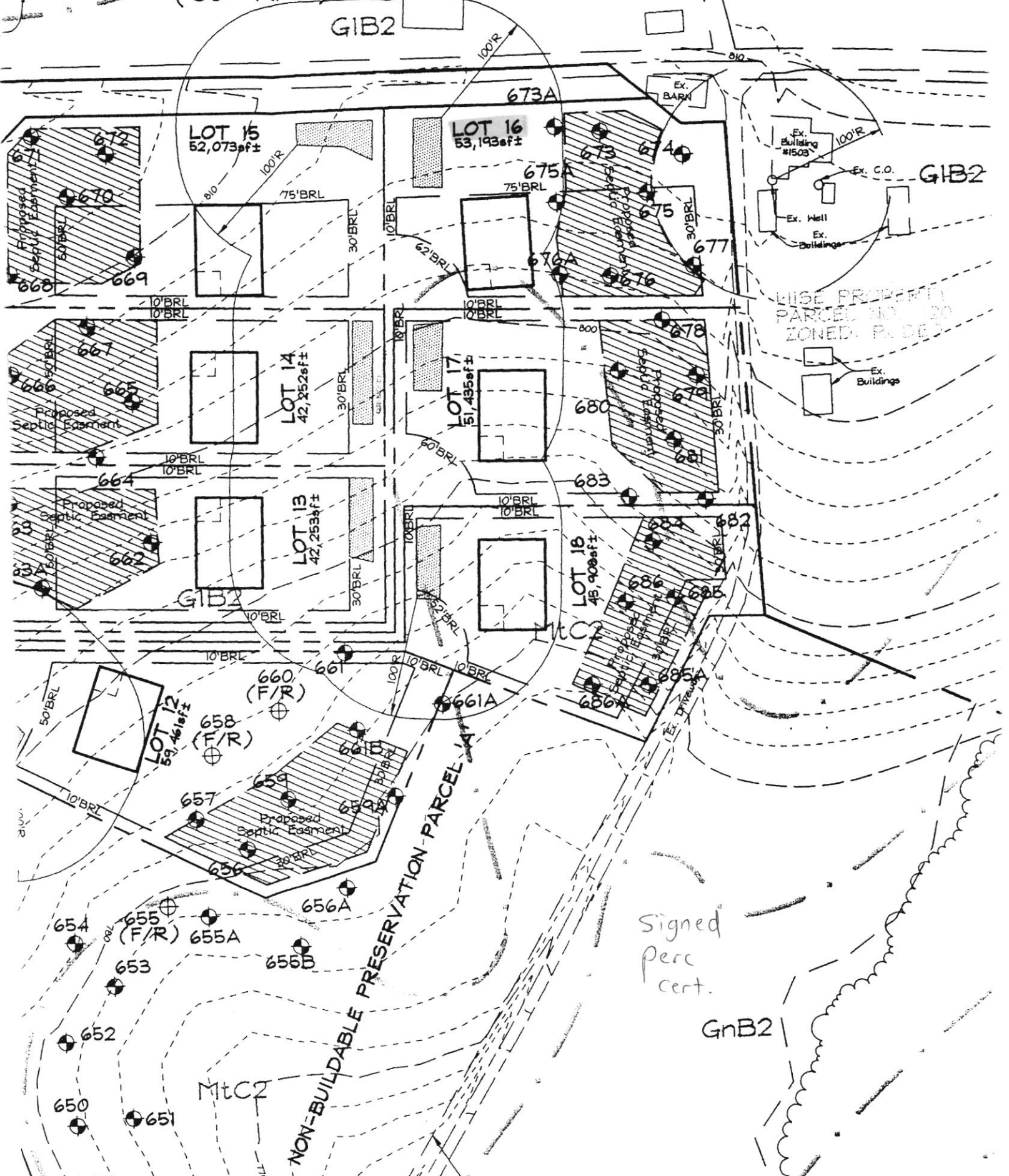
REMARKS: Treatment Zone verified w/ deep tests, Holes per stake
 TYPE OF SOIL: Mapped as Glenelg (Mt. Airy Channery) Contour per plan
 TESTED BY: SRK ALSO PRESENT: Chudi Sharp, Chris Payne, Richard Demmitt
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 8min TRENCH WIDTH: 3'
 INLET DEPTH: 2' MAXIMUM BOTTOM DEPTH: 6' SQ FT/BEDROOM: 210

COUNTY #
 SOIL PROFILE
 0' 674 dark brn topsoil
 4-6" red-brn silty clay lm
 3-6" tan-beige/white sandy channery loam
 30-40% MICA SCHIST WEATHERED
 13'8" 673 dark brn topsoil
 6" orange-brn silty clay lm
 3-6" tan-beige/white sandy channery loam
 20-30% MICA SCHIST WEATHERED
 13' 675/677 dark brn topsoil
 8" orange-brn silty clay lm
 3-6" tan-beige/white sandy channery loam
 10-20% MICA SCHIST WEATHERED
 15'

LONG CORNER ROAD

(Minor Collector)

(50' R/W)



WISE PROPERTY
PARCEL NO. 20
ZONED: P. DE 3

Signed
perc
cent.

NON-BUILDABLE PRESERVATION PARCEL 147

MtC2

GnB2

Subject: RE: Windsor Forest Knolls proposed Perc Cert - setback for newer well across the street conflicts with Lot 16 SDA
From: "Williams, Jeffrey" <jewilliams@howardcountymd.gov>
Date: 1/25/2021, 3:33 PM
To: Alice Miller <amiller@bei-civilengineering.com>
CC: Chris Malagari <cmalagari@bei-civilengineering.com>

I'm ok to go to 7' on this lot

From: Alice Miller <amiller@bei-civilengineering.com>
Sent: Monday, January 25, 2021 10:58 AM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Cc: Chris Malagari <cmalagari@bei-civilengineering.com>
Subject: Windsor Forest Knolls proposed Perc Cert - setback for newer well across the street conflicts with Lot 16 SDA

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

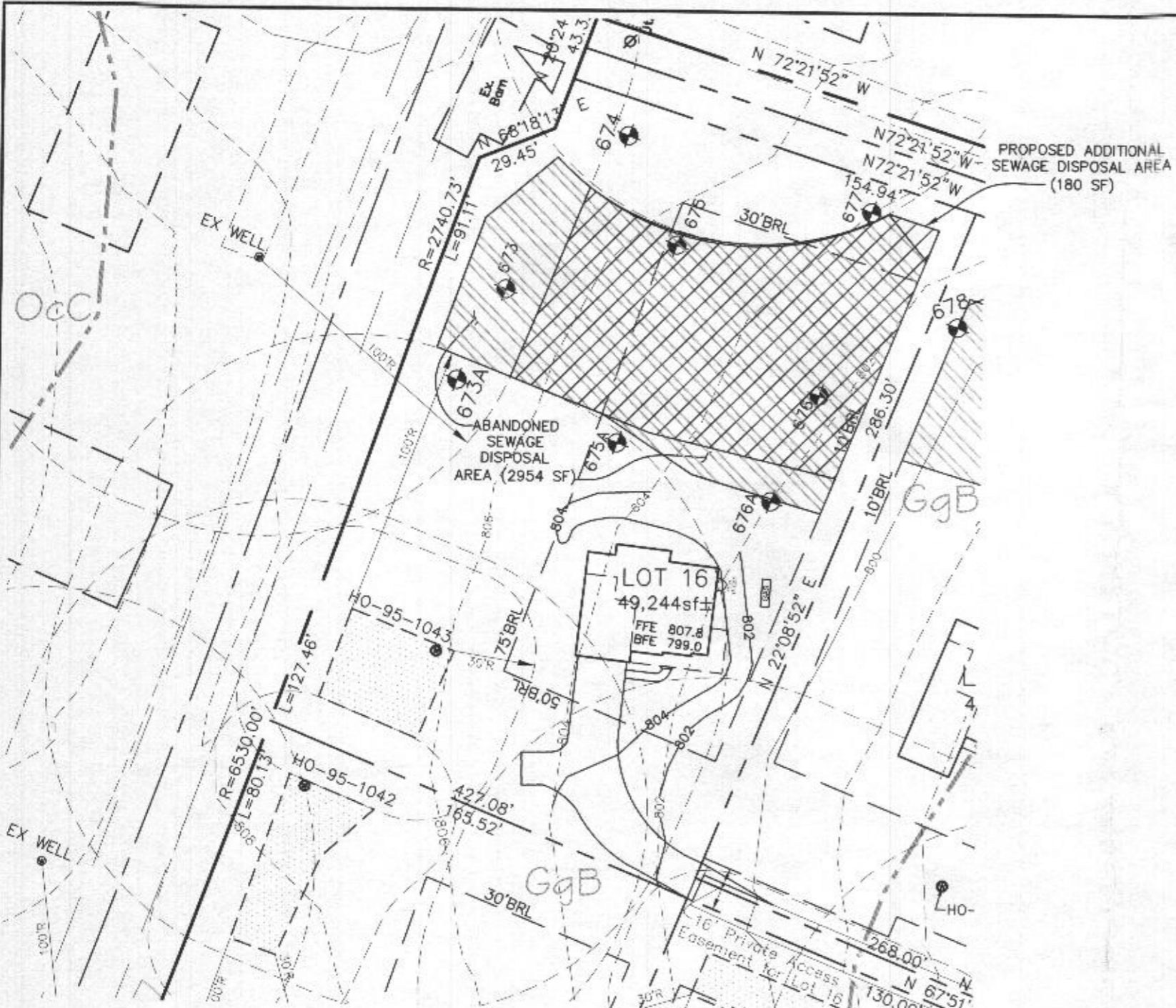
Jeff - attached is a draft of a percolation certification for Lot 16 at Windsor Forest Knolls. We've discovered that a few years after our original percolation certification was signed, a perc cert and well box were created for the lot across the street (1510 Long Corner Road), which conflicts with the septic field on Lot 16.

If we revise the design specifications to allow for 7' deep trench bottoms, we can adjust the septic field as shown on the plan, and almost eliminate the overlap with the well box setback from across the street, and also create enough back yard on Lot 16 to place the septic and pump tanks. Please let me know if you think this is a workable design, and if so, I'll complete the design and get a hard copy submitted to you.

I've attached the Perc Tests and Septic specs for convenient reference.

Thank you,

Alice A. Miller, P.E.
Benchmark Engineering, Inc.
410-465-6105



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.

2021.05.21 AM 05:40 - 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

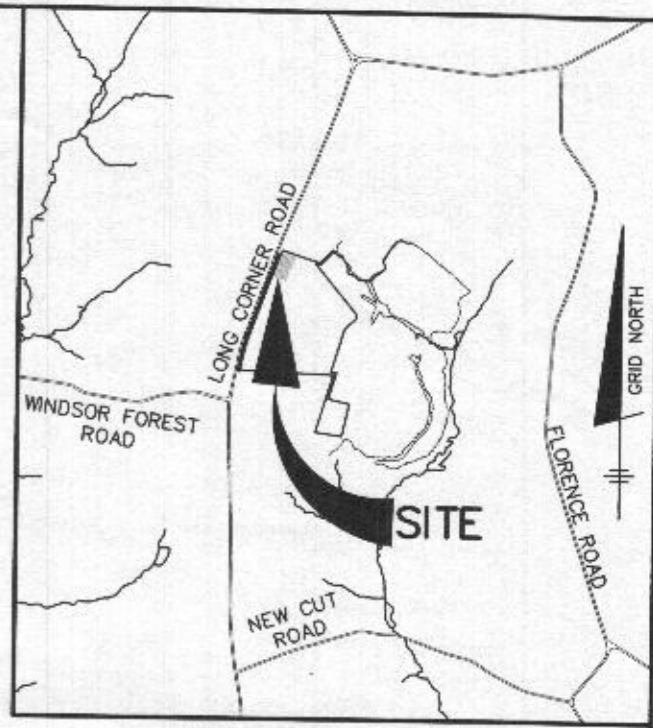
For *[Signature]* DATE 6/11/21
HOWARD COUNTY HEALTH OFFICER

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) 410-465-8644
WWW.BEI-CVILENGINEERING.COM

LEGEND

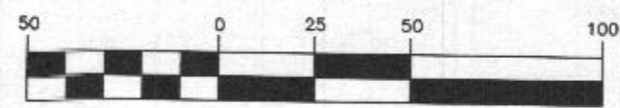
- 400 PROPOSED CONTOURS
- 400 EXISTING CONTOURS
- EXISTING 12,783 SF PRIVATE SEWAGE DISPOSAL AREA PER 2-2007 PERC CERT PLAN
- PROPOSED 10,009 SF SEWAGE DISPOSAL AREA
- EXISTING WELL BOX
- SOILS MAP SYMBOL
- SOILS DELINEATION LINE
- PERC TEST PASSED



VICINITY MAP
SCALE: 1" = 2000'

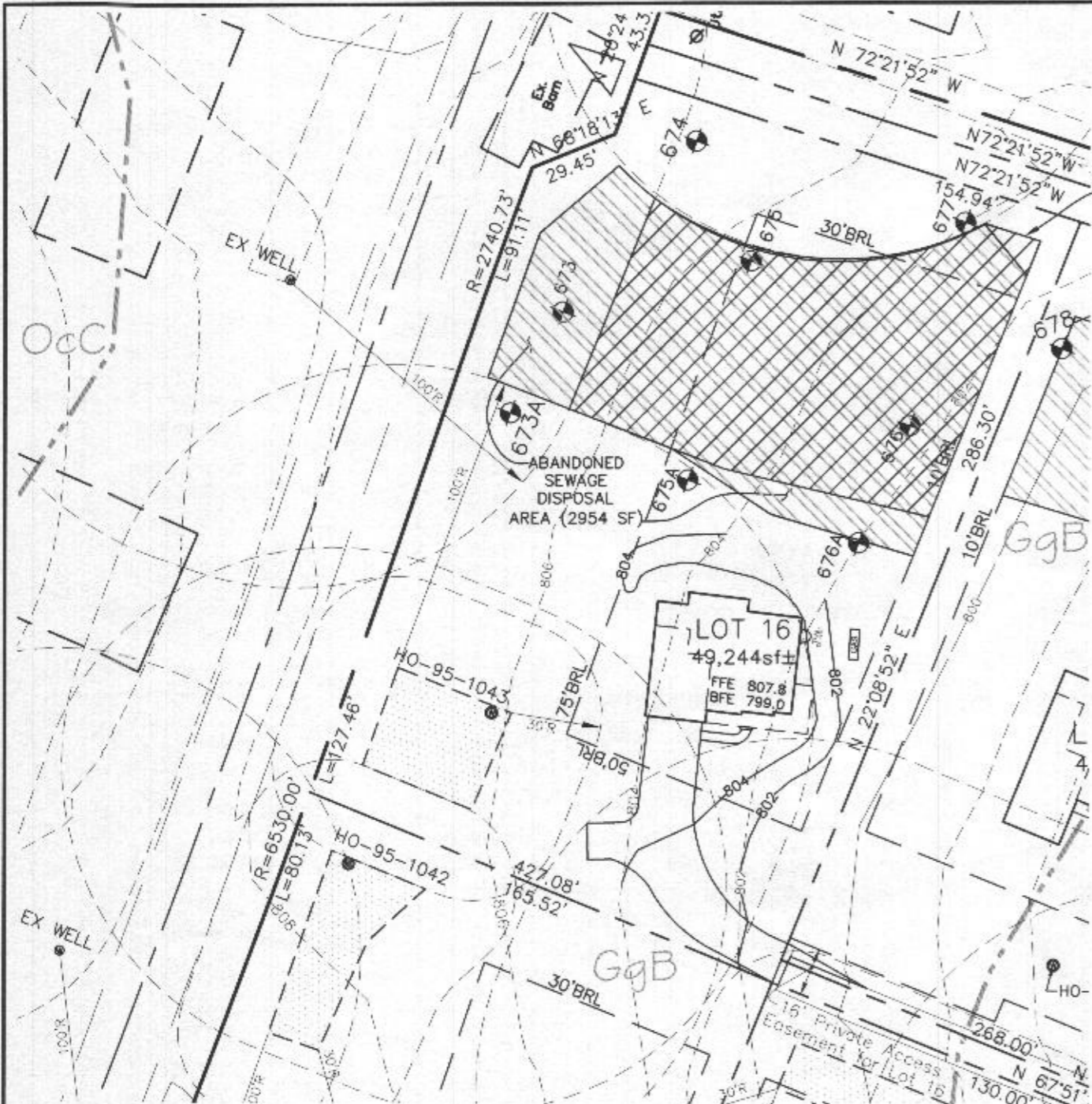
GENERAL NOTES

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-95-1043) HAS BEEN FIELD LOCATED IN JULY, 2020 BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
7. PERCOLATION TEST FEE RECEIPT NUMBER IS 516902, DATED 4-4-2002



(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 SEPTIC AND PUMP TANKS.	
PROJECT:	WINDSOR FOREST KNOLLS LOT 16
LOCATION:	TAX MAP: 6 - GRID: 16 - PARCEL: 57 18415 HIDDEN CREEK WAY, TAX ID# 04-373324 ELECTION DISTRICT NO. 4 - HOWARD COUNTY, MARYLAND
TITLE:	REVISED PERCOLATION CERTIFICATION PLAN
HOUSE TYPE:	CUSTOM - KEYSTONE HOMES
DATE:	MAY, 2021
PROJECT NO.	2986
SCALE:	AS SHOWN
DRAWING	1 OF 1



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2021.05.21 15:40-04:00
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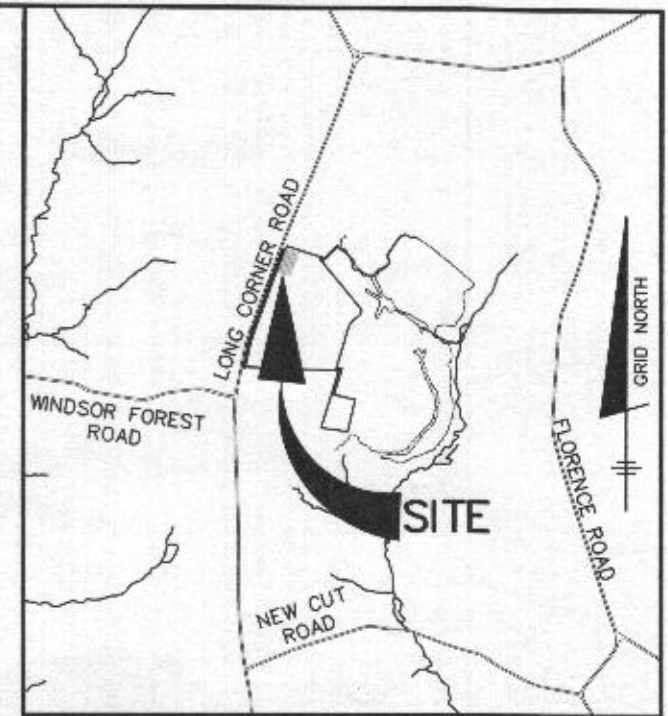
Michelle Davis 6/11/21
HOWARD COUNTY HEALTH OFFICER DATE

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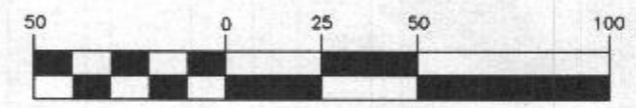
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ELECTION DISTRICT NO. 4 - HOWARD COUNTY, MARYLAND

TITLE: **REVISED PERCOLATION CERTIFICATION PLAN**

HOUSE TYPE: **CUSTOM - KEYSTONE HOMES**

DATE: MAY, 2021 PROJECT NO. 2986

SCALE: AS SHOWN DRAWING 1 OF 1