

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 Bridgeview LLC Charles A. Sharp

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

PROPERTY LOCATION:

SUBDIVISION Payne Property LOT NO. 4

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]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

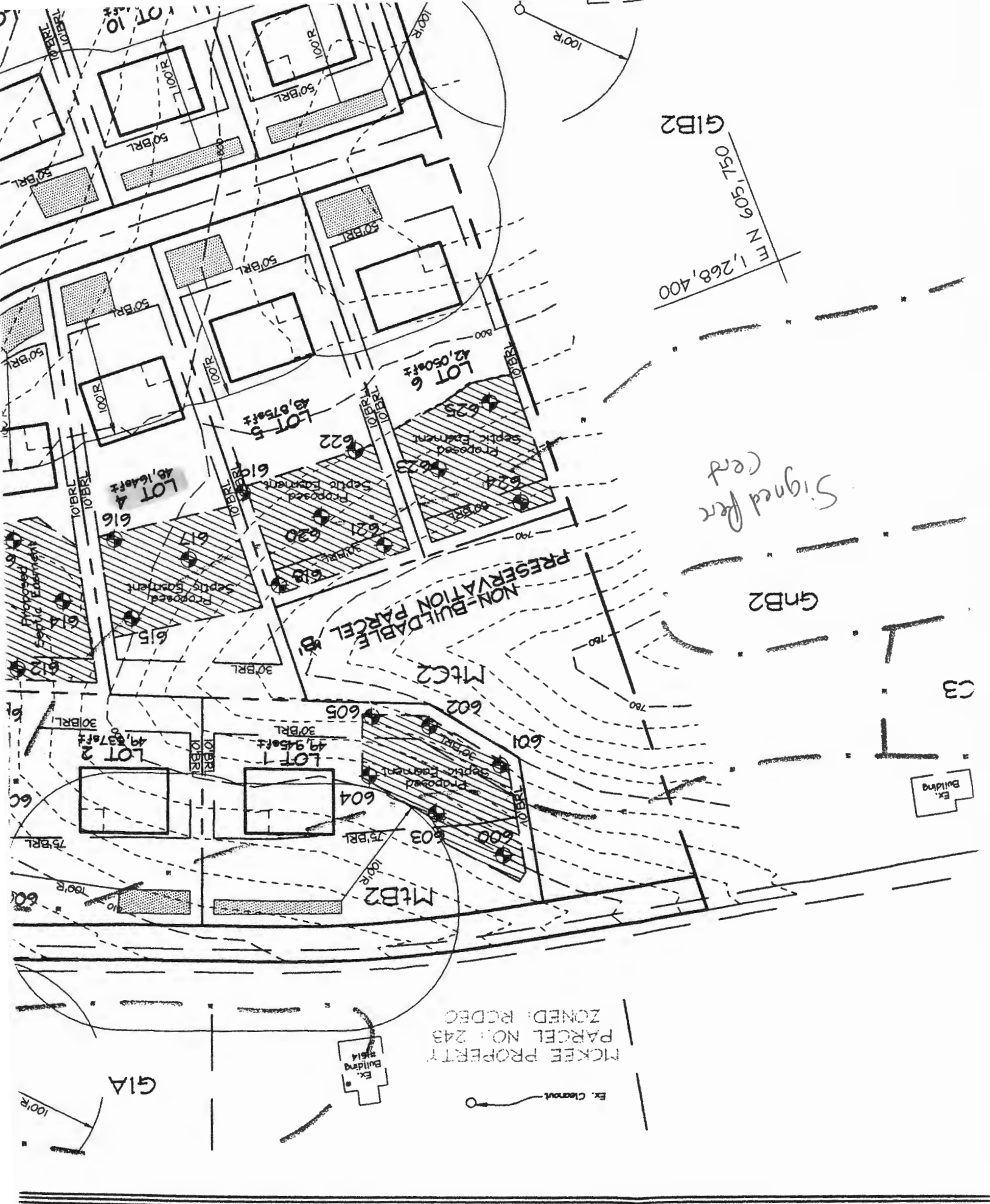
HOLD PENDING FURTHER TESTS _____

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





HOWARD COUNTY HEALTH DEPARTMENT

72827

DATE 10/21/20

Received From

Benchmark Eng'g Inc

PHONE #

410-465-6105

For

Revision Perc Cert

Lot 4

Wendell Forest Knolls

Twenty - two

Dollars

☐ CASH

☒ CHECK

NO.

001472

\$

22 00

Received By

J King



HOWARD COUNTY HEALTH DEPARTMENT

7282

Received From

Benchmark Exp Ins

DATE

10/21/20

PHONE #

410 465-6105

☐ CASH

☒ CHECK

NO.

004472

\$

22 00

For

Reunion here cont

lot 4

Windsor Forest Knolls

Dwerty - fees

Dollars

Received By

J King

NOT TO SCALE

COUNTY #

SOIL PROFILE

0'
8"
4'6"
12'6"

617

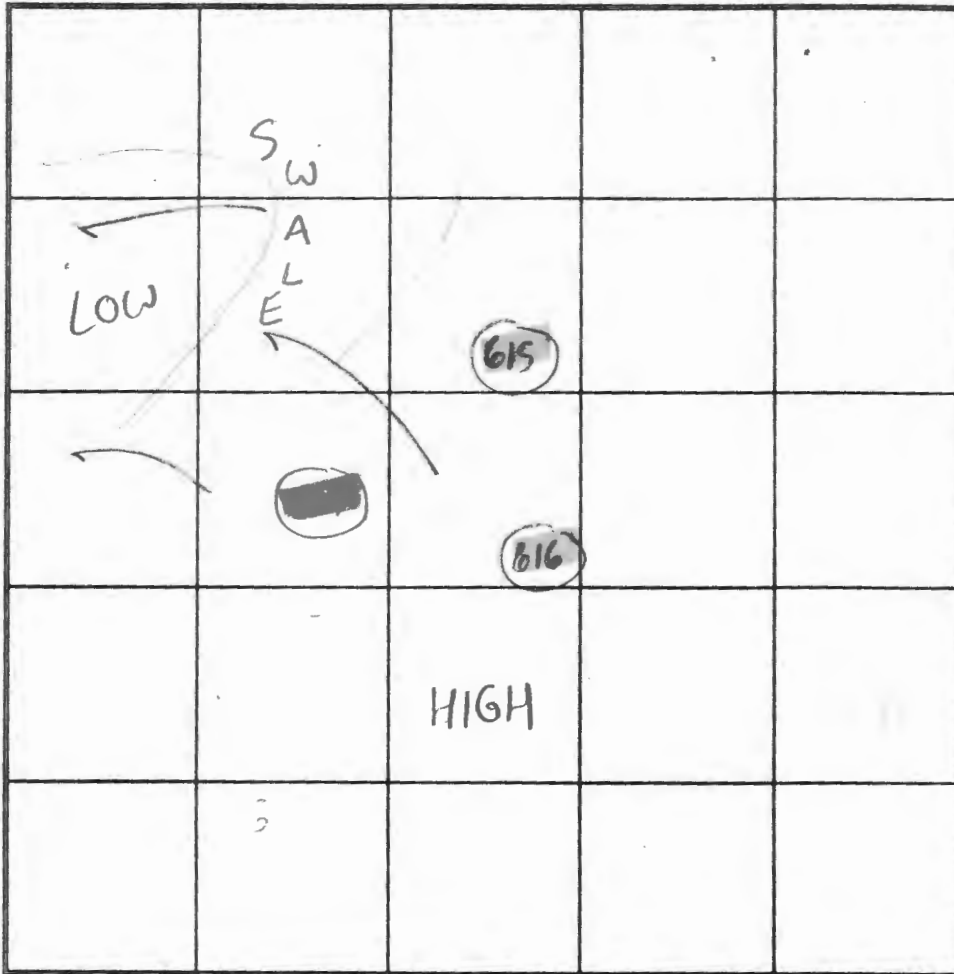
Orange-brown
clay
lm

tan-brn
chanery
sandy
lm

30-40%
M CA
SCH ST
WEATHERED

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

5'
13'

615

red-brown
clay
lm
dense

tan-brown
chanery
sandy
lm

15-25%
WEATHERED
MICA
SCHIST

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/4/02	617	4'6" T 12'6" V	3:40pm	3:44pm	3:44pm	4:01pm	17min	OK
		8' T 12'6" V	3:41pm	3:45pm	3:45pm	4:08pm	13min	OK
	615	5' T 13' V	2:47pm	2:58pm	2:58pm	3:12pm	14min	OK
	616	5' T 13' V	2:51pm	SLOW	PEG	PULLED	NA	NA
		7' T 13' V	3:15pm	3:26pm	3:26pm	3:37pm	11min	OK

REMARKS: Treatment Zone verified w/ deep tests, Holes per stakes, Contour per plan

TYPE OF SOIL: Glenelg & Mt. Airy Chanery

TESTED BY: SRK / FA - & Barry Glotfelty ALSO PRESENT: Chuck Sharp / Richard Demmitt, Jeff Allen: Backhoe

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15min TRENCH WIDTH 3'

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

12"
3'

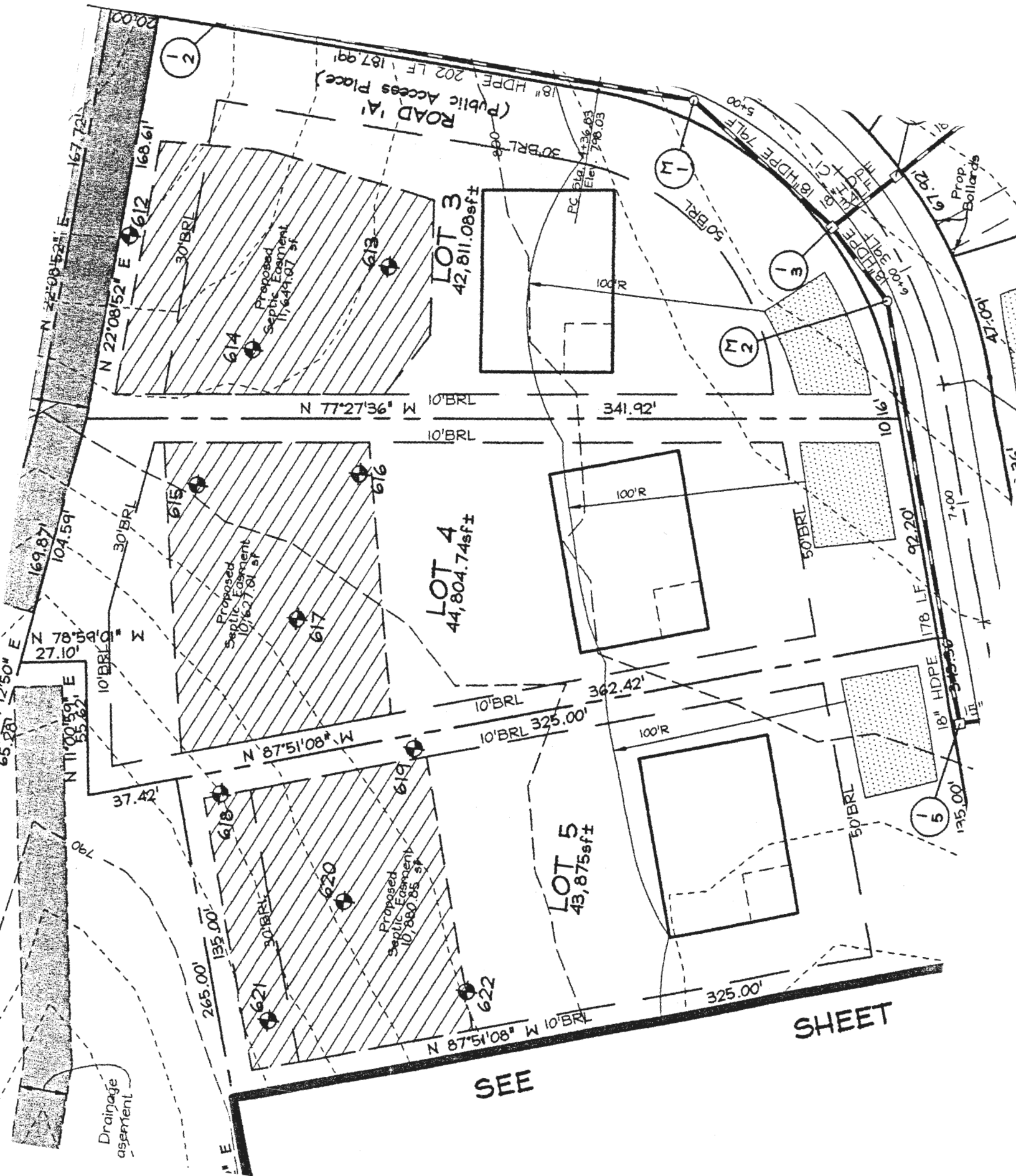
616

orange-brown
clay
lm
dense

tan-brown
chanery
sandy
lm

10-20%
WEATHERED
MICA
SCHIST

PESP SIGNED 2/26/03



BENCHMARK

ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 Baltimore National Pike * Suite 315 * Ellicott City, Maryland 21043
(410) 465-6105 (410) 465-6644 Fax

LETTER OF TRANSMITTAL

TO: Howard County Health Department
Environmental Health

DATE: 10/13/2020	PROJECT NO.: 2986
ATTENTION:	
RE: Windsor Forest Knolls	
Lot 4 Revised Perc Cert and OSDS Plan	

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

☐ Photocopies ☐ Prints ☒ Originals ☐ Samples
☐ Specifications ☐ Invoices ☐ Change Order ☐ Other _____

COPIES of	No. of SHEETS	DESCRIPTION
3	4	Lot 4 OSDS Plans
1	4	Lot 4 House Plans (for Bedroom confirmation)
1	1	Email from Jeff Williams regarding SDA design specifications
3	1	Lot 4 Revised Perc Cert

THESE ARE TRANSMITTED as checked below:

☐ For Comment ☐ For Your Use ☒ For Approval
☒ For Review ☐ As Requested ☐ Other _____

REMARKS: First submission Revised Perc Cert = \$11.00, First Submission OSDS - \$11.00 fee

COPY TO: _____

RECEIVED BY: _____

If enclosures are not as noted, kindly notify us at once.

SIGNED: 

Subject: RE: Windsor Forest Knolls, Lot 4 - perc cert only
From: "Williams, Jeffrey" <jewilliams@howardcountymd.gov>
Date: 9/28/2020, 2:20 PM
To: Alice Miller <amiller@bei-civilengineering.com>

That looks fine

From: Alice Miller <amiller@bei-civilengineering.com>
Sent: Saturday, September 26, 2020 11:45 PM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: Re: Windsor Forest Knolls, Lot 4 - perc cert only

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

Jeff - see if this is more acceptable.

Thanks,

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

On 9/23/2020 2:40 PM, Williams, Jeffrey wrote:

I don't think we can head down the hill towards a swale past the passing test holes here. Maybe shift everything up the hill and add area above the top holes

From: Alice Miller <amiller@bei-civilengineering.com>
Sent: Tuesday, September 15, 2020 2:44 PM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Cc: Chris Malagari <cmalagari@bei-civilengineering.com>
Subject: Fwd: Windsor Forest Knolls, Lot 4 - perc cert only

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

The next one.

----- Forwarded Message -----

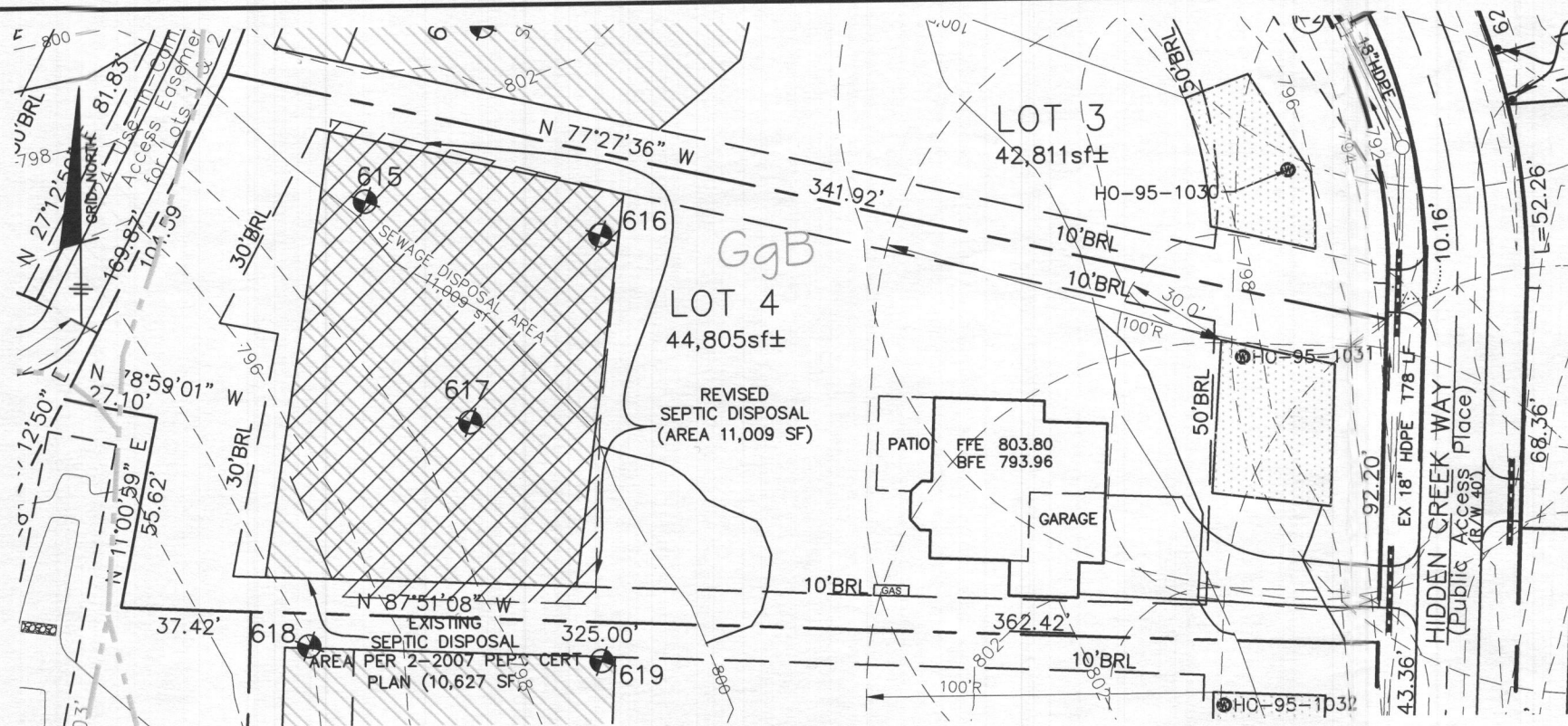
Subject: Windsor Forest Knolls, Lot 4 - perc cert only
Date: Thu, 27 Aug 2020 15:11:16 -0400
From: Alice Miller <amiller@bei-civilengineering.com>
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
CC: Chris Malagari <cmalagari@bei-civilengineering.com>

Jeff - last one for a few days - I'm going to transition to grading plans, and give you a break.

The attached is only a perc certification proposal. This lot is sold as a 4 bedroom, and I couldn't find a reasonable proposal for 5 bedrooms, so I'll design it as it is sold. But the variable grades make a layout very tricky. See if you are okay with this proposal.

Thanks

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



PLAN VIEW
1" = 50'

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 SEWERAGE EASEMENT 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT 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. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
5. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1031) 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

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.

Alice A. Miller

ALICE A. MILLER, P.E.
PLAN PREPARER FOR BENCHMARK ENGINEERING INC.

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

For Maura Rossman 11/10/2020
HOWARD COUNTY HEALTH OFFICER u.o. 2 DATE

OWNER/BUILDER:

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

BENCHMARK

ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

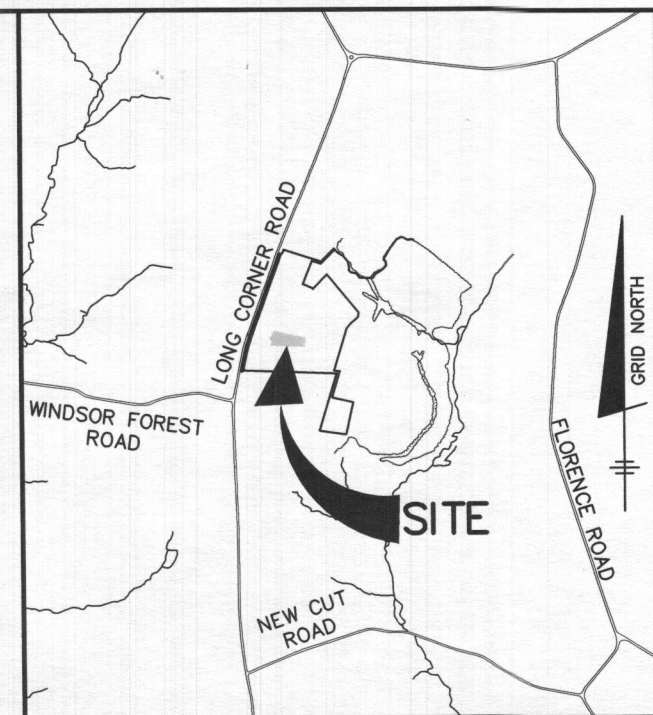
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 ▲ (F) 410-465-6644

WWW.BEI-CIVILENGINEERING.COM

LEGEND

- PROPOSED CONTOURS
- EXISTING CONTOURS
- EXISTING PRIVATE SEWAGE DISPOSAL AREA
- REVISED SEWAGE DISPOSAL AREA
- EXISTING WELL BOX
- SOILS MAP SYMBOL
- SOILS DELINEATION LINE
- PERC TEST PASSED



VICINITY MAP
SCALE: 1" = 2000'

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED PERCOLATION PLAN IS TO ACCOMMODATE ADDITIONAL BEDROOMS, PER THE PROPERTY PURCHASER'S REQUEST.

PROJECT: WINDSOR FOREST KNOLLS
LOT 4

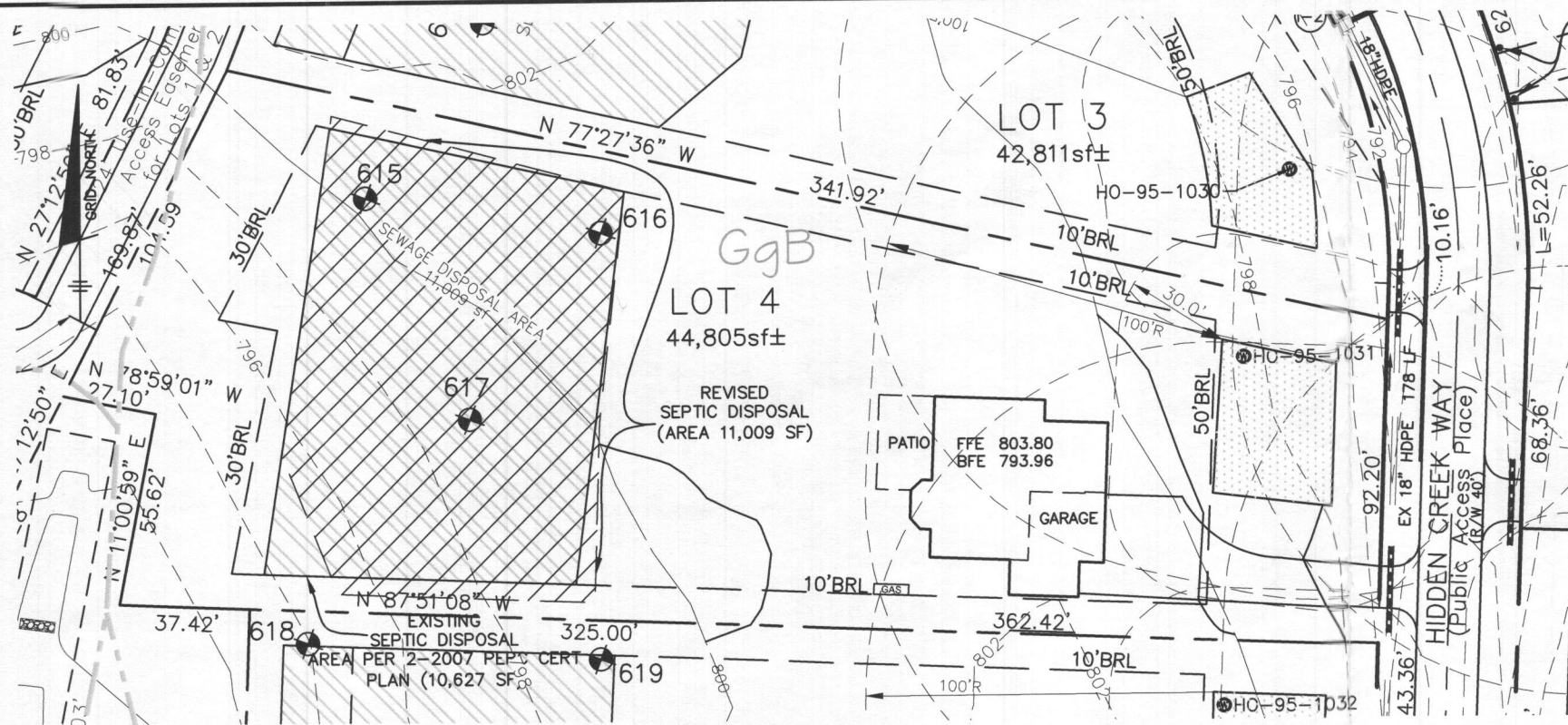
LOCATION: TAX MAP: 6 - GRID: 16 - PARCEL: 57
18430 HIDDEN CREEK WAY, TAX ID# 04-373197
ELECTION DISTRICT NO. 4 - HOWARD COUNTY, MARYLAND

TITLE: REVISED
PERCOLATION CERTIFICATION PLAN

HOUSE TYPE: CUSTOM - KEYSTONE HOMES

DATE: SEPTEMBER, 2020 PROJECT NO. 2986

SCALE: AS SHOWN DRAWING 1 OF 1



PLAN VIEW
1" = 50'

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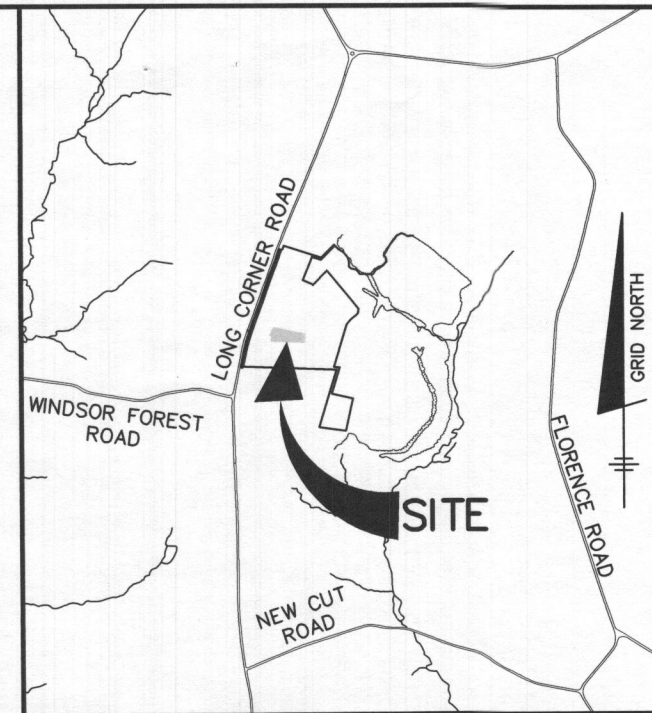
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