

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 581 Mt. Airy 21771 PHONE _____

AGENT OR PROSPECTIVE BUYER RidgeView LLC Charles A. Sharp

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

PROPERTY LOCATION:

SUBDIVISION Payne property LOT NO. 9

ROAD AND DESCRIPTION Long Corner Rd.

TAX MAP 6 PARCEL # 57

SIZE OF LOT 40,600 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

COUNTY #

SOIL PROFILE

637/641

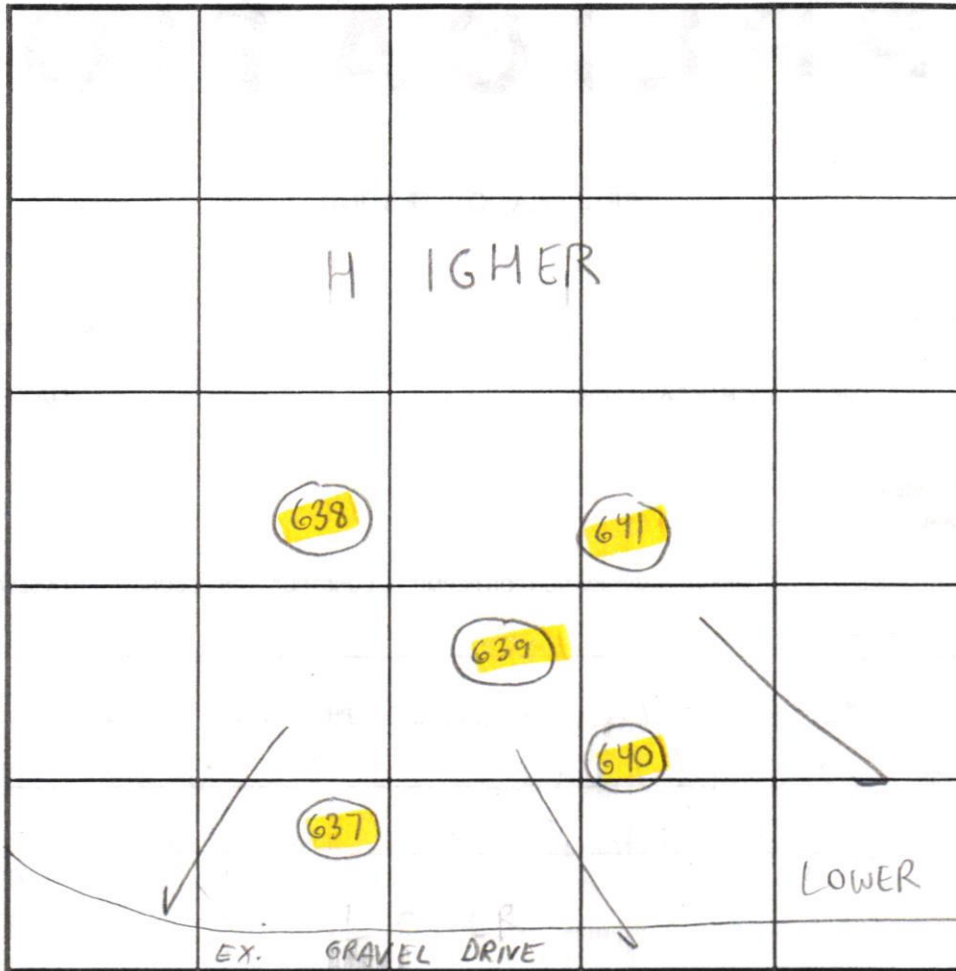
0' Dark Brown
TP soil
4" orange brown
clay loam
5" Tan/Brown
Sandy loam
channery
10-20% mica
schist
WEATHERED
13'

638

0' Top soil
6" Brown
orange brown
silty clay
loam
channery
4' tan beige
channery
sandy
1 dam
30-40%
WEATHERED
MICA SCHIST
13'

639

0' dark brn
top soil
6" orange-
brown
silty
clay
lm
5' tan-
beige
sandy lm
channery
20-20%
mica-
schist
WEATHERED
13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

640

0' Dark Brn
Top soil
6" Red Brown
Sandy Clay
Loam
5' Tan/Beige
Sandy loam
channery
10-20%
mica schist
Fraggs
WEATHERED
13'6"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/2/02	637	4" T / 13' V	2:24 P.M.	2:27 P.M.	2:27 P.M.	2:34 P.M.	7 min	OK
	638	4" T / 13' V	2:45 P.M.	2:46 P.M.	2:46 P.M.	2:50 P.M.	4 min	OK
	639	8" T / 13' V	2:58 P.M.	3:13 P.M.	3:13 P.M.	3:18 P.M.	5 min	OK
	639	13' V	(VISUAL)	OK	SEE SOIL PROFILE			OK
	640	5' T / 13'6" V	1:13 P.M.	1:18 P.M.	1:18 P.M.	1:28 P.M.	10 min	OK
	641	5'5" T / 14' V	2:34 P.M.	2:44 P.M.	2:44 P.M.	2:54 P.M.	10 min	OK

REMARKS Treatment Zone verified with deep tests, Holes dug per-stake Contour per plan

TYPE OF SOIL Mapped as Glenelg

TESTED BY SRK & DD Jeff Allen = Backhoe

ALSO PRESENT Chuck Sharp & Richard Demmitt

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 min TRENCH WIDTH 3'

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



HOWARD COUNTY HEALTH DEPARTMENT

72821

DATE 10/20/20

Received From

Benchmark Engin. PHONE # 410-465-6005

For

Revision, Perc Cost / =
6019 - 18439 Hidden
Creek Way

CASH

CHECK

NO.

00444

Eleven

Dollars

\$

11 00

Received By

King



HOWARD COUNTY HEALTH DEPARTMENT

72821

DATE
10/20/20

Received From

Benchmark Engen. PHONE # 410-465-6005

For

Revision Peric Cost/In
6019 - 18431 Address
Creek Way

CASH

CHECK

NO.

00446

Eleven

Dollars

\$

11 00

Received By

OKemp

BENCHMARK



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: 10/1/2020	PROJECT NO.: 2986
ATTENTION:	
RE: Windsor Forest Knolls	
Lot 9 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	2	Lot 9 OSDS Plans
1	4	Lot 9 House Plans (for Bedroom confirmation)
1	1	Email from Jeff Williams regarding SDA design specifications
3	1	Lot 9 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

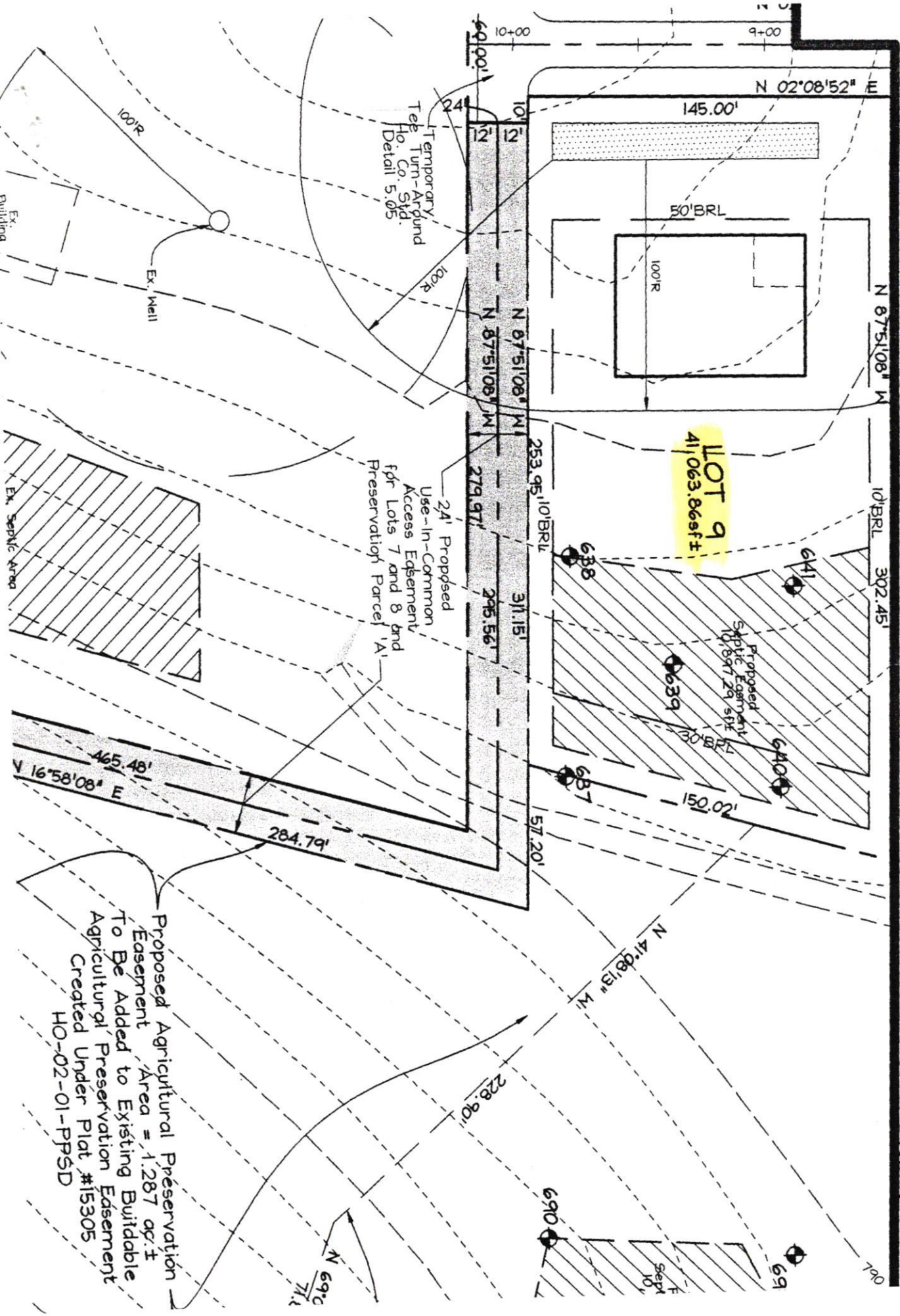
COPY TO: _____

RECEIVED BY: _____

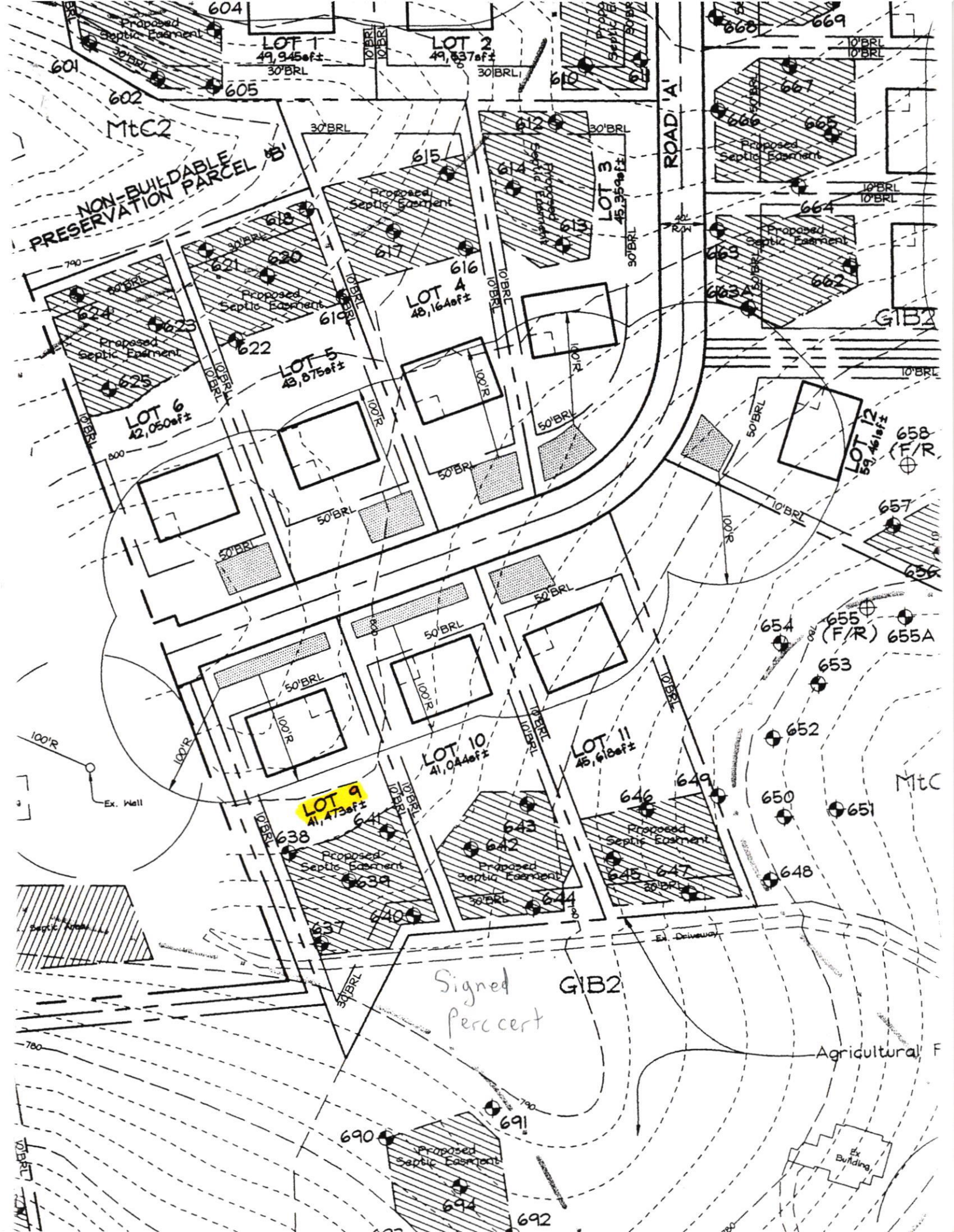
SIGNED: 

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

Best Slashed 2/20/03



Proposed Agricultural Preservation Easement Area = 1,287 ac.± To Be Added to Existing Buildable Agricultural Preservation Easement Created Under Plat #15305 HO-02-01-PPSD



LOT 1
49,945sqft
30'BRL

LOT 2
49,837sqft
30'BRL

LOT 3
45,359sqft
30'BRL

LOT 4
48,164sqft
100'R

LOT 5
48,875sqft
100'R

LOT 6
42,050sqft
100'R

LOT 10
41,044sqft
100'R

LOT 9
41,473sqft
100'R

LOT 11
45,618sqft
100'R

LOT 12
59,461sqft
100'R

NON-BUILDABLE
PRESERVATION PARCEL 'B'

Signed
Percert

Agricultural F

MTC2

GIB2

GIB2

MTC

Ex Building

Ex. Wall

Ex. Driveway

790

800

100'R

780

790

780

601

602

604

605

610

612

614

615

617

618

620

621

622

623

624

625

668

669

667

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665

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663A

658 (T/R)

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645

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638

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692



HOWARD COUNTY HEALTH DEPARTMENT

72822

DATE 12/20/20

Received From

Benchmark Eng.

PHONE #

410 465-6115

For

Revised Lot 9

CASH

CHECK

NO.

00446

Eleven

Dollars

\$

11 00

Received By

A King



HOWARD COUNTY HEALTH DEPARTMENT

72822

11/11/20

DATE 10/20/20

Received From

Benchmark Eng.

PHONE #

410-465-6145

For

Revision Lot 9

CASH

CHECK

NO.

00446

eleven

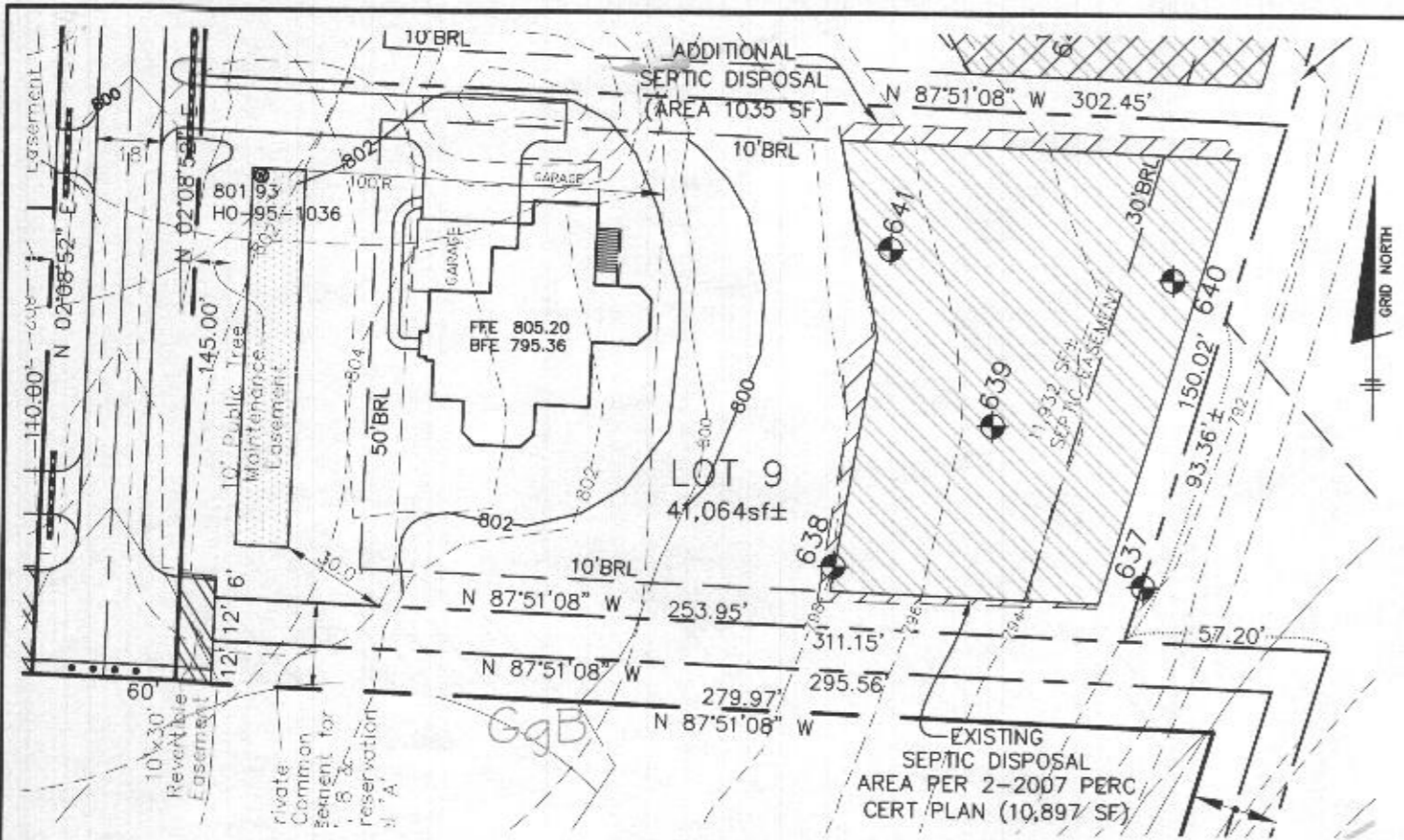
Dollars

\$

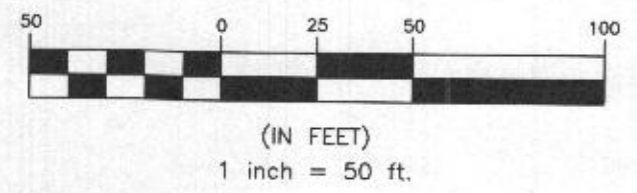
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Received By

A. Kemp

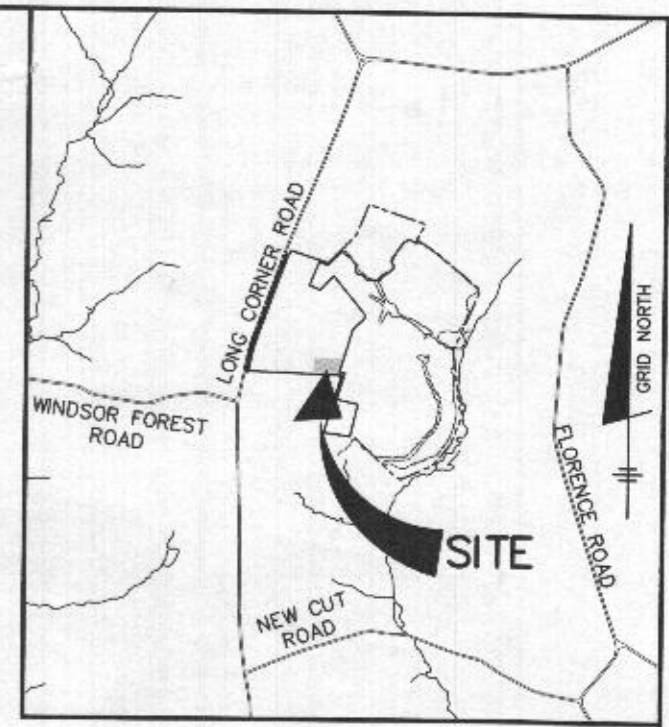


PLAN VIEW
1" = 50'



LEGEND

- 400 PROPOSED CONTOURS
- 398 EXISTING CONTOURS
- 400 EXISTING PRIVATE SEWAGE DISPOSAL AREA
- ADDITIONAL 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 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-95-1036) 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

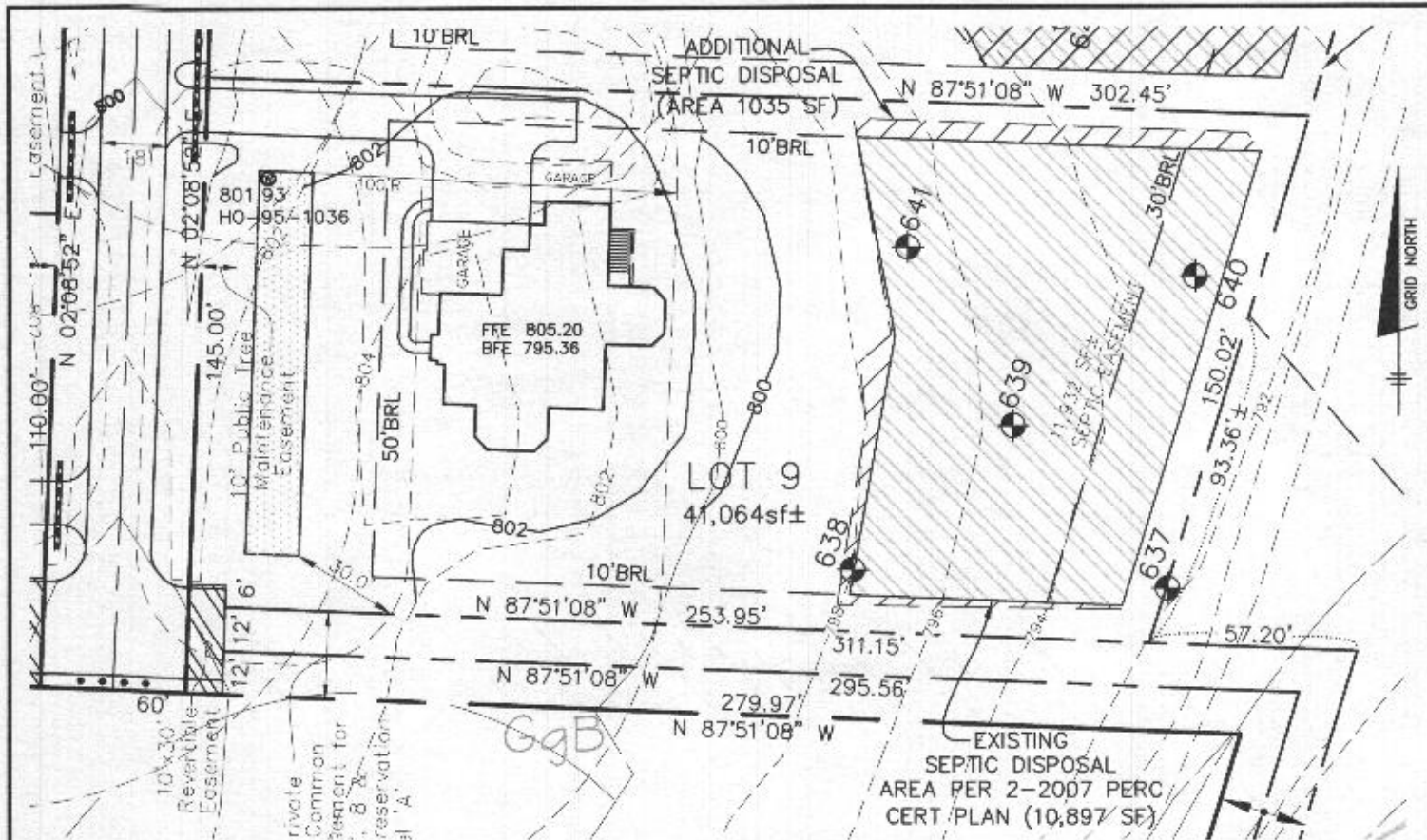
Howard County Health Officer
HOWARD COUNTY HEALTH OFFICER H.O. *gw* DATE 11/6/2020

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

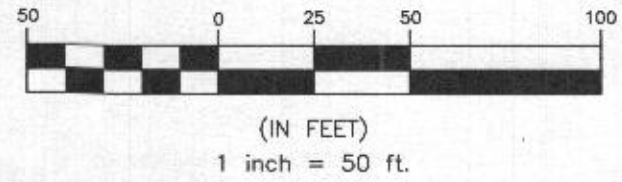
BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE • SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 • (F) 410-465-6644
WWW.BEI-CVLENGINEERING.COM

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 9	
LOCATION: TAX MAP: 6 - GRID: 16 - PARCEL: 57 18439 HIDDEN CREEK WAY - TAX ID # 04-373243 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

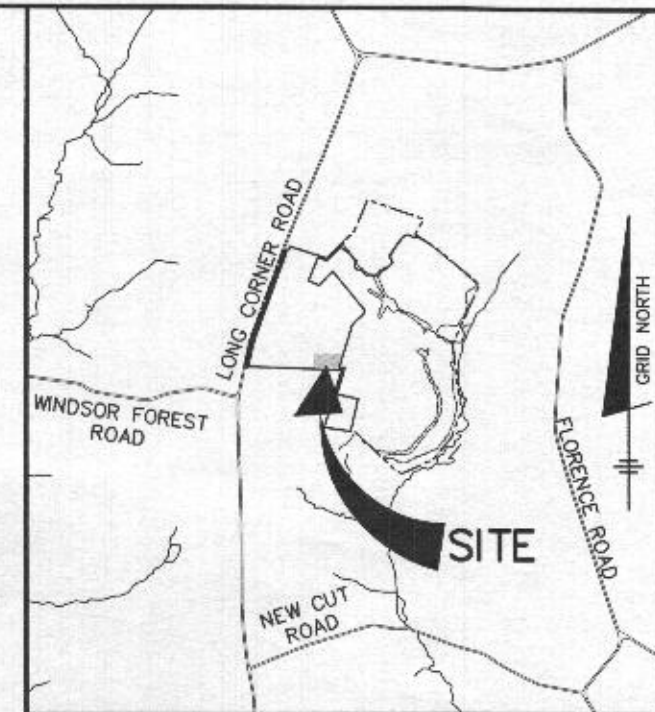


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Howard County Health Officer
HOWARD COUNTY HEALTH OFFICER H.O. on 11/6/2020 DATE

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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