

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

A 40946

P _____

DISTRICT 4

DATE 1-29-88

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Hilltop Development Corp

ADDRESS P.O. Box 208 CLARKSVILLE Md 21029 PHONE 531-5539

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION SAND HILL ACRES LOT NO. 13

ROAD AND DESCRIPTION SAND HILL ROAD & LAMPLIGHTERS DRIVE

TAX MAP 16 PARCEL # 5

SIZE OF LOT 3 acres TYPE BLDG Single Family

(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.

Richard W. Smith
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A+B

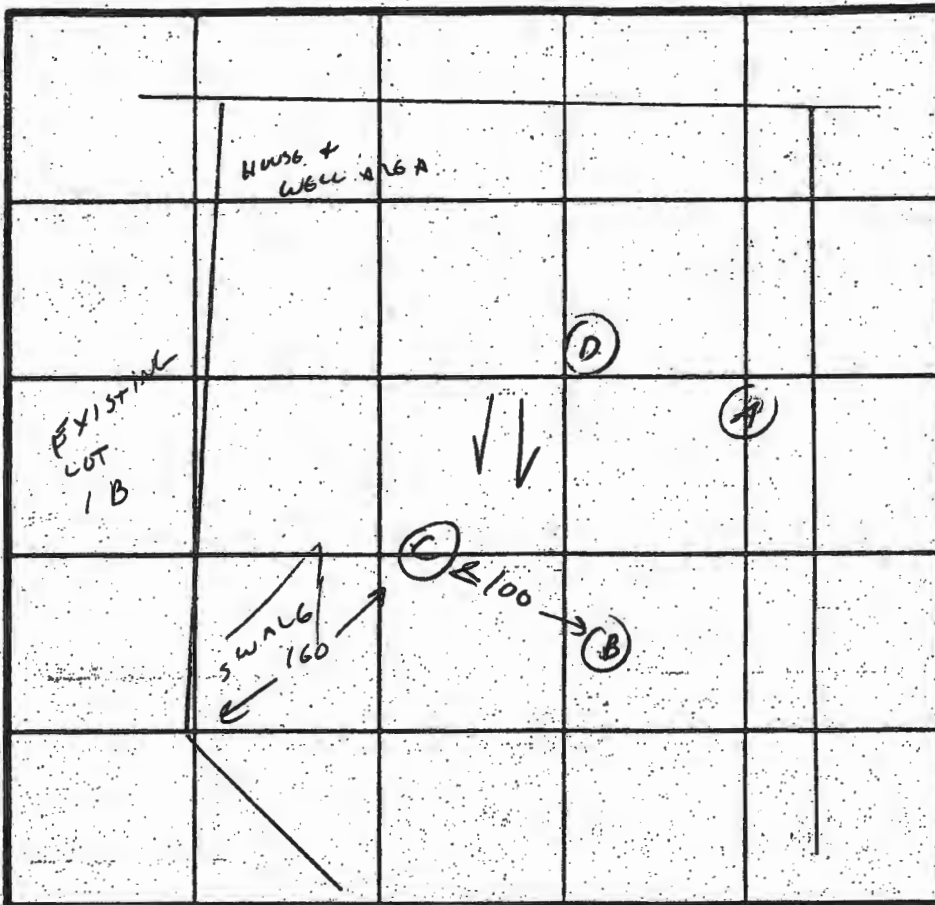
SOIL PROFILE

CLAY

3

MICA
SILT
LOAM

12



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

C

CLAY

4

LIGHT
MICA
LOAM

9

DARK
MICA
LOAM
MOIST
NOT WET

11

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/88	A	NOT	DUG				
		- OFF LOT ON FINAL PLAT					
	B	3 1/2	4:23	4:26	4:26	4:30	4 MIN
		8	VLS	OK	3-12		
		12					
	C	4	4:18	4:22	4:22	4:27	5 MIN
		8					
		11	VLS	OK	4-11		
	D	3 1/2	VLS	OK	3-12		
		12			LOAM		

REMARKS

TYPE OF SOIL

MICA LOAM

TESTED BY

CWILLIAMS

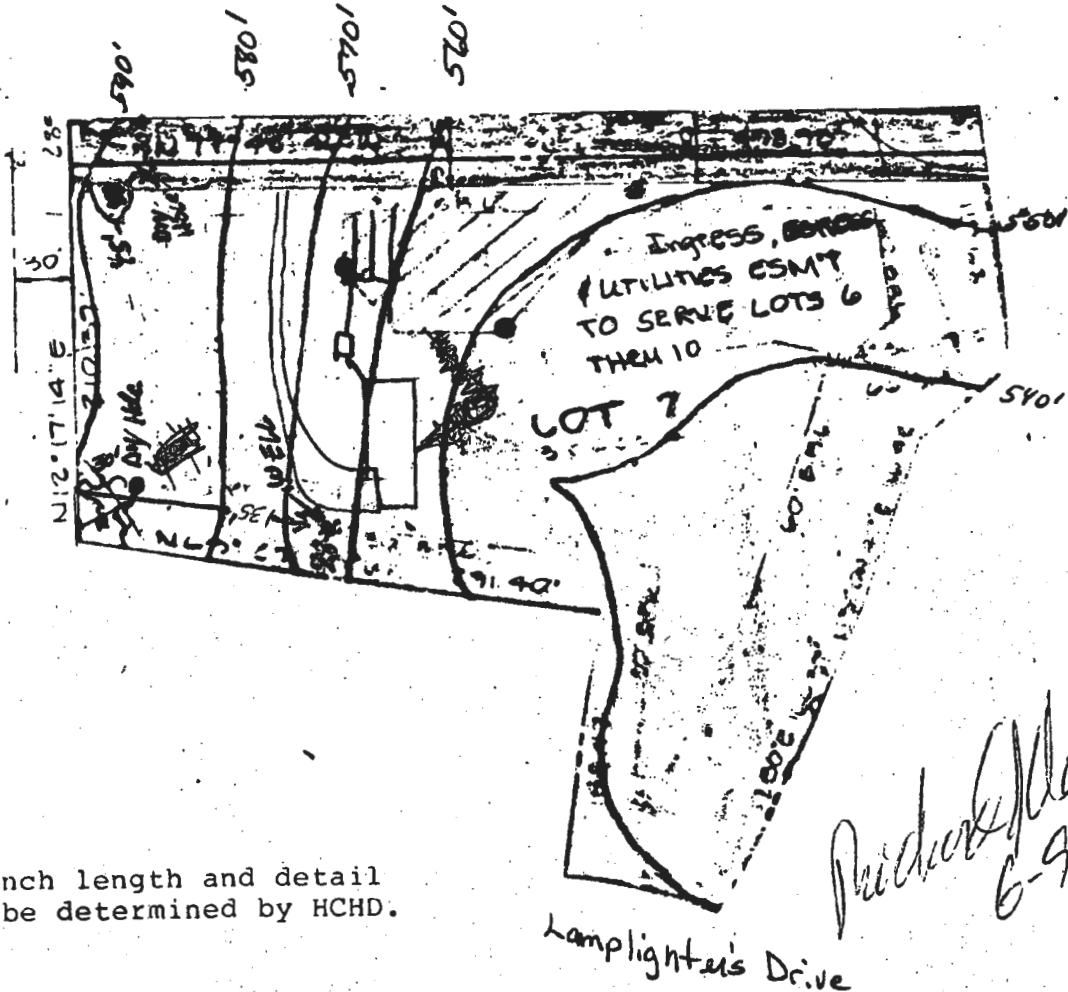
ALSO PRESENT

DAVID T. CASSIDY

Hilltop Development Corporation
P.O. Box 208, Clarksville, MD 21029
(301) 531-5539
Scale 1" = 100'
Contour Interval = 10'
3.0623 Acres

SAND HILL ROAD

NSMC PLAT 41521.40571
(60' R/W)



Trench length and detail
to be determined by HCHD.

Richard Clement
6-9-89

Lamplighter's Drive

Ground at Well 570.0 566
Ground at Field 560 566
Into Field 560 563
Out of Tank 560 564.5
Into Tank 562 564.7
Out of House 567 565.2
Basement 563 556
First Floor 562 566

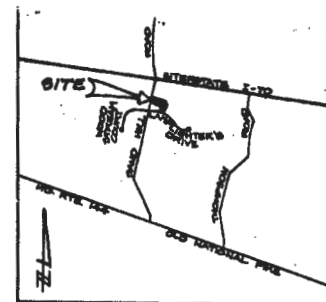
Elevation OK

9/12/89

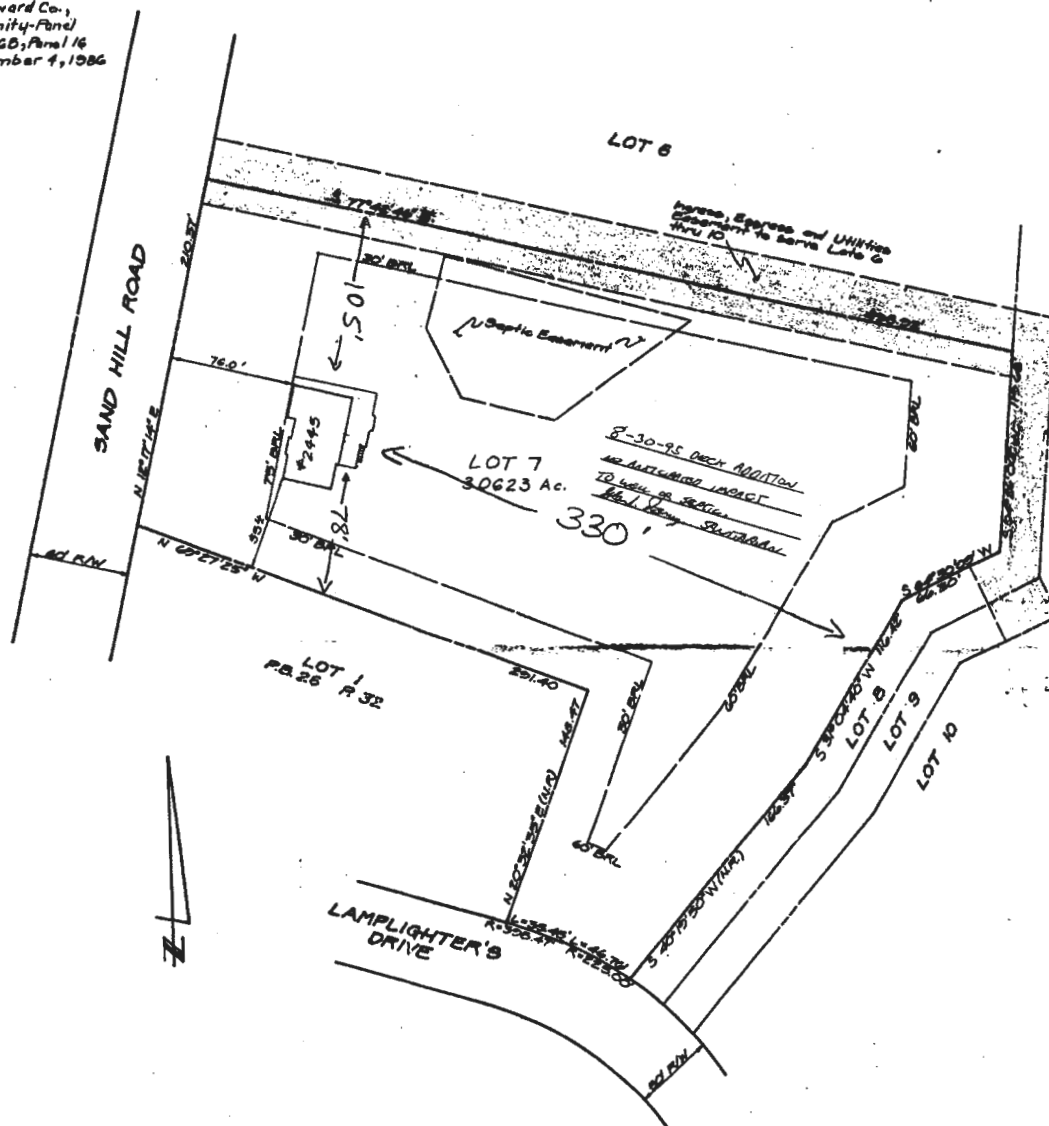
C. W. Carter

NOTE: This lot lies in an area classified as Zone C, area of minimal flooding, as shown on FIRM MAP of Howard Co., Maryland, Community-Panel Number 240094001GB, Panel 16 of 45, dated December 4, 1986

Wall Check: 10-24-94
Top of Wall Elev.: 581.6

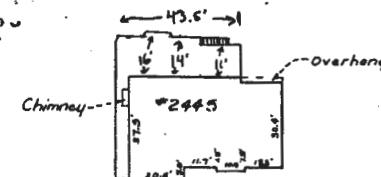


VICINITY MAP
SCALE: 1" = 500'



Mr. Craig Burton
2445 Sand Hill Road
West Friendship MD.

Approx 43.5' x 14'
Deck on Rear of Dwelling.



House Detail
1" = 30'

NOTE: This survey not to be used for property line establishment.

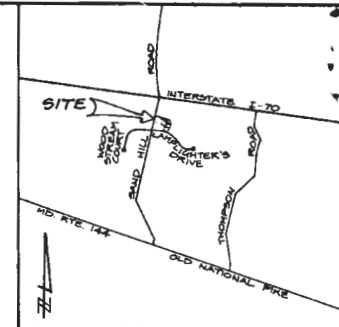
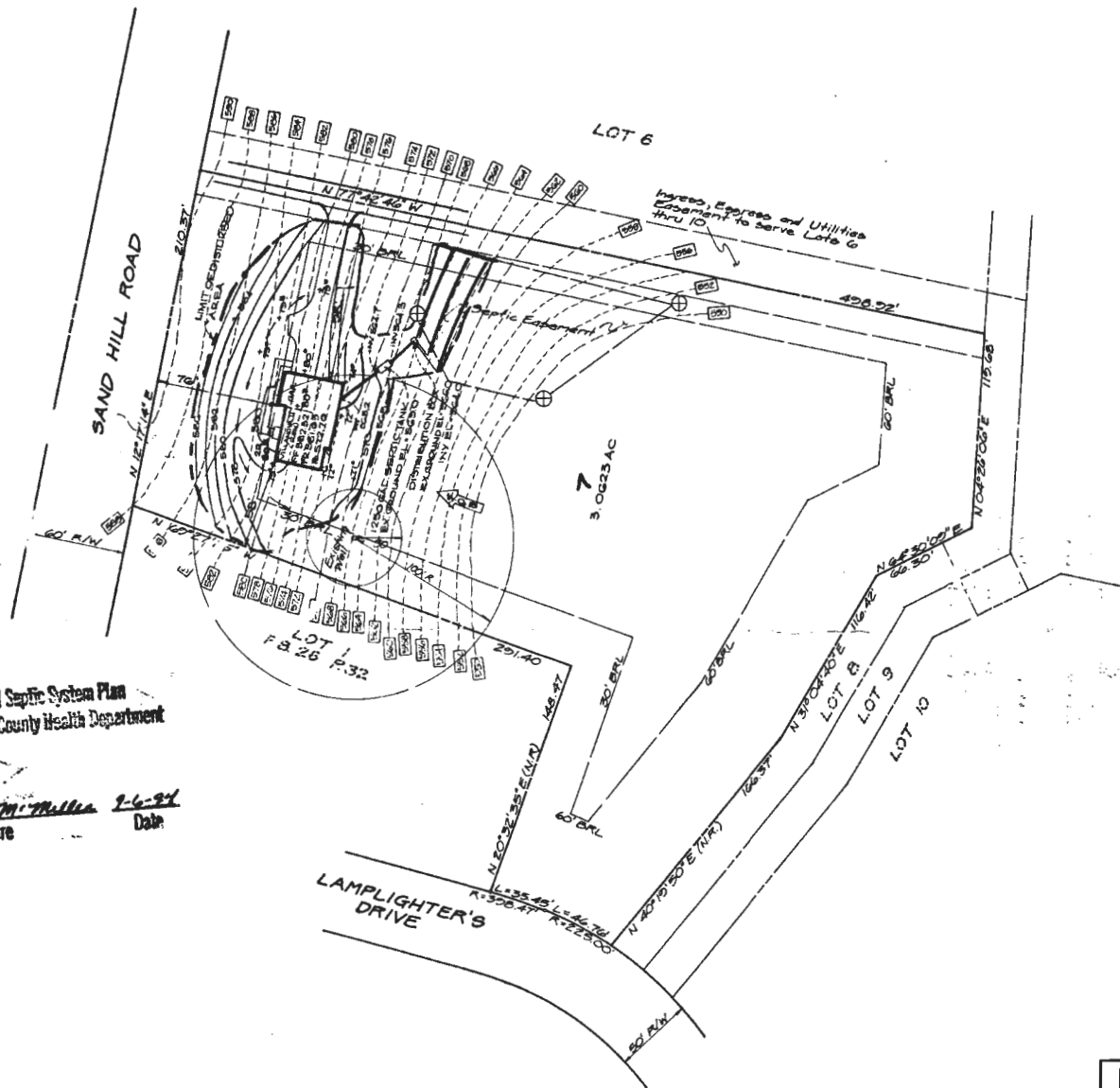
SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating improvements shown hereon, and that they are located as shown.



Plot Reference: Plot No. 0555

CLARK • FINEFROCK & SACKETT, INC.		
ENGINEERS • PLANNERS • SURVEYORS		
7135 MINGSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 521-8100 - WASH.		
DESIGNED	LOCATION OF HOUSE 2445 SAND HILL ROAD LOT 7	SCALE 1" = 50'
DRAWN PS	SAND HILL ACRES	DRAWING
CHECKED PAS	SECTION 3 AREA 1 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE 10-28-94	FOR: ALTIERI HOMES, INC. 7349 GARDENVIEW DRIVE BALTIMORE, MD 21227	FILE NO. 04-105-0



VICINITY MAP
SCALE: 1" = 2000'

LEGEND

Contour Interval	2 ft
Existing Contour	--- 272 ---
Proposed Contour	--- 272 ---
Spot Elevation	+ 272
Drainage Flow	→
Walkout Basement	W.B.

- GENERAL NOTES**
- 1) Existing Topography was taken from Preliminary Plan prepared by others.
 - 2) Reference Plat No. 8355
 - 3) Existing Zoning: R
 - 4) Length of Septic Trenches to be determined at time of Permit Issuance
 - 5) Proposed unit has 4 Bedrooms.

Approved Septic System Plan
Howard County Health Department

Ang M. Miller 9-6-94
Signature Date

1	Revise Well Location	9-2-94
No.	REVISIONS	Date

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.			
DESIGNED R.M.T.	SITE DEVELOPMENT PLAN LOT 7 SAND HILL ACRES SECTION: 3 AREA: 1 TAX MAP: 16 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'	
DRAWN R.M.T. M.C.R.		DRAWING 1 of 1	
CHECKED J.M.E.		JOB NO. 94-109	
DATE 8/23/94		FOR: ALTIERI HOMES, INC. 7349 Gardenvue Drive Baltimore, MD 21227	FILE NO. 94-109X

SAND HILL ROAD
MSRC PLAT 41521, 40571
(60 RW)

LOT 7
3.0623 ACS.

LAMPLIGHTERS DR
PLAT 3622
(50 RW)

LEGEND

- ORIGINAL PERC TEST
- PASSED PERC TEST
- FAILED PERC TEST
- DRY HOLE
- EXISTING WELL LOCATION
- SOIL LINES
- DENOTES - TOTAL PROPOSED SEPTIC RESERVE EASEMENT AREA
- EXISTING TREELINE
- 25% + SLOPES

SOILS LEGEND

SOIL	TYPE
GyB	GLUENIELG
GyC	GLUENIELG
MdD	MANOR

PLAN
SCALE: 1" = 30'

THIS AREA DESIGNATES A PRIVATE SEPTIC RESERVE EASEMENT AREA 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 THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

INITIAL (EXISTING) SYSTEM:
EXISTING HOUSE: 4 BEDROOMS
PROPOSED ADDITION: 1 BEDROOM
TOTAL NUMBER OF BEDROOMS = 5
APPLICATION RATE = 1.2 GPD/SQ. FT.
EFFECTIVE DEPTH IS 3' (EXISTING SYSTEM DESIGN)

150 GALS x 5 BEDROOM = 750 GAL/DAY
750 GAL/DAY / 1.2 GAL/DAY/SQ. FT. = 625 SQ. FT.
625 SQ. FT. / 2 FT. = 312.5 L.F. OF TRENCH = 313 L.F. OF TRENCH
313 L.F. x .44 = 137.72 L.F. OF TRENCH = 138 L.F. OF DEEP TRENCH
USE 2 - 69 L.F. OF TRENCH FOR EACH SYSTEM

REPLACEMENT SYSTEM 1 & 2:
PROPOSED NUMBER OF BEDROOMS = 5
APPLICATION RATE = 1.2 GPD/SQ. FT.
EFFECTIVE DEPTH IS 6'
150 GALS x 5 BEDROOM = 750 GAL/DAY
750 GAL/DAY / 1.2 GAL/DAY/SQ. FT. = 625 SQ. FT.
625 SQ. FT. / 3 FT. = 208 L.F. OF TRENCH
208 L.F. x .31 = 64.78 L.F. OF TRENCH = 65 L.F.
USE 1 - 65 L.F. OF TRENCH FOR EACH SYSTEM

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

7/16/2019
HOWARD COUNTY HEALTH OFFICER

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

7/3/19
MARK A. RIDDLE, PROFESSIONAL LAND SURVEYOR #10689

HOUSE DETAIL
SCALE: 1" = 30'

GENERAL NOTES

- CURRENT TITLE REFERENCE:
OWNER: KRISTEN EVANS
DEED REFERENCE: L 15653, F. 456
DATE: OCTOBER 23, 2014
GRANTOR: ANTONIO KAZAROS
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPO MAPS AND VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY. TOPOGRAPHY OF THE SEWAGE DISPOSAL AREA WAS FIELD VERIFIED BY C.S.I.
- EXISTING WELLS AND/OR SEWER EASEMENTS WITHIN 100' OF THE LOT LINES HAVE BEEN SHOWN. THERE ARE NO WELLS 200' DOWN GRADIENT OF THE SEPTIC EASEMENT AREA SHOWN.
- M.S.L. DENOTES MINIMUM BUILDING L.S.E.
- ANY CHANGES TO THE PRIVATE SEWER EASEMENT AND/OR ALTERNATIVE WELL LOCATION SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE PERCOLATION TEST LOCATIONS WERE TAKEN FROM THE INFORMATION PROVIDED BY THE HEALTH DEPARTMENT FROM THE ORIGINAL PERMIT INFORMATION A-40946 AND ALSO THE SAND HILL ACRES RECORD PLAT (PLAT NO. 8355).
- SHOULD STORMWATER MANAGEMENT BE REQUIRED, IT WILL BE PROVIDED BY A DRY WELL ON SITE.
- SHOULD A SEPTIC SYSTEM UPGRADE BE REQUIRED, THE SEPTIC SYSTEM COMPONENTS SHALL BE INSTALLED AND APPROVED PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT APPLICATION.
- THERE ARE NO VISIBLE WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE BOUNDARY UNLESS OTHERWISE SHOWN HEREON.

DATA TABULATIONS:

- ZONING DISTRICT: RR-DEO
- NUMBER OF BUILDING SITES: 1
- TOTAL AREA OF LOT: 3.06 ACRES

NOTE:

IN THE EVENT THE EXISTING SEPTIC SYSTEM FAILS AND THE REPLACEMENT SYSTEM NEAR TEST LOCATIONS 1 & 2 MUST BE UTILIZED, THE EXISTING WELL MUST BE PROPERLY ABANDONED, WITH ORIGINAL DOCUMENTATION TO BE SENT TO THE HEALTH DEPARTMENT. THE HOUSE WOULD BE CONNECTED TO PUBLIC WATER AT THAT TIME.

PURPOSE NOTE:

TO PROVIDE REPLACEMENT SEPTIC SYSTEM AND TO REPLACE THE EXISTING SEPTIC TANK IN ORDER TO PROVIDE SEWAGE DISPOSAL AREA FOR PROPOSED ADDITION, FOR A TOTAL OF 5 BEDROOMS

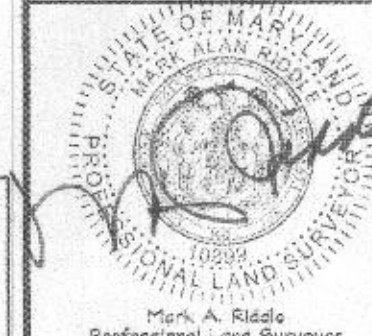
OWNER/DEVELOPER

KRISTEN EVANS
2445 SAND HILL ROAD
ELLICOTT CITY, MD 21042

A-40946

PERCOLATION CERTIFICATION PLAN

LOT 7
SECTION 3 AREA 1
SAND HILL ACRES
2445 SAND HILL RD. ELLICOTT CITY, MD 21042
RECORDED IN PLAT #8355
3rd ELECTION DISTRICT - HOWARD COUNTY, MD
TAX MAP: 16 - GRID: 7 - PARCEL: 402



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

Date	Revisions	Drawn By: BM, KMB
4/10/19	REVISED TO ADD PROPOSED PERC TEST AND ADJOINING WELLS & SEPTIC AREAS	Designed By:
05/09/19	ADDED HOUSE DIMENSIONS & LOT LINES PER COUNTY	Reviewed By:
8/30/19	ADD REPLACEMENT SYSTEMS 1 & 2 AND SEPTIC EASEMENT AREA	Date: MARCH, 2019
8/21/19	REV'D TO SHOW PROP. SEPTIC TANK INFO	Scale: AS SHOWN
		Job No.: 2018028
		Sheet: 1 OF 1

County File No.

SAND HILL ROAD
MSRC PLAT 41521, 40571
(60 RW)

LOT 7
3.0623 ACS.

HOUSE DETAIL
SCALE: 1" = 30'

GENERAL NOTES

- CURRENT TITLE REFERENCE:
OWNER: KRISTEN EVANS
DEED REFERENCE: L. 15553, F. 456
DATE: OCTOBER 28, 2014
GRANTOR: ANTONIO LAZAROS
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPO MAPS AND VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY. TOPOGRAPHY OF THE SEWAGE DISPOSAL AREA WAS FIELD VERIFIED BY C.S.I.
- EXISTING WELLS AND/OR SEWER EASEMENTS WITHIN 100' OF THE LOT LINES HAVE BEEN SHOWN. THERE ARE NO WELLS 200' DOWN GRADIENT OF THE SEPTIC EASEMENT AREA SHOWN.
- M.B.L. DENOTES MINIMUM BUILDING LINE.
- ANY CHANGES TO THE PRIVATE SEWER EASEMENT AND/OR ALTERNATIVE WELL LOCATION SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE PERCOLATION TEST LOCATIONS WERE TAKEN FROM THE INFORMATION PROVIDED BY THE HEALTH DEPARTMENT FROM THE ORIGINAL PERMIT INFORMATION A-40946 AND ALSO THE SAND HILL ACRES RECORD PLAT (PLAT NO. 8355).
- SHOULD STORMWATER MANAGEMENT BE REQUIRED, IT WILL BE PROVIDED BY A DRY WELL ON SITE.
- SHOULD A SEPTIC SYSTEM UPGRADE BE REQUIRED, THE SEPTIC SYSTEM COMPONENTS SHALL BE INSTALLED AND APPROVED PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT APPLICATION.
- THERE ARE NO VISIBLE WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE BOUNDARY UNLESS OTHERWISE SHOWN HEREON.

DATA TABULATIONS:

- ZONING DISTRICT: RR-DEO
- NUMBER OF BUILDING SITES: 1
- TOTAL AREA OF LOT: 3.06 ACRES

NOTE:

IN THE EVENT THE EXISTING SEPTIC SYSTEM FAILS AND THE REPLACEMENT SYSTEM NEAR TEST LOCATIONS H & S MUST BE UTILIZED, THE EXISTING WELL MUST BE PROPERLY ABANDONED, WITH ORIGINAL DOCUMENTATION TO BE SENT TO THE HEALTH DEPARTMENT. THE HOUSE WOULD BE CONNECTED TO PUBLIC WATER AT THAT TIME.

PURPOSE NOTE:

TO PROVIDE REPLACEMENT SEPTIC SYSTEM AND TO REPLACE THE EXISTING SEPTIC TANK IN ORDER TO PROVIDE SEWAGE DISPOSAL AREA FOR PROPOSED ADDITION, FOR A TOTAL OF 5 BEDROOMS.

OWNER/DEVELOPER

KRISTEN EVANS
2445 SAND HILL ROAD
ELLICOTT CITY, MD 21042

A-40946

PERCOLATION CERTIFICATION PLAN

LOT 7
SECTION 3 AREA 1
SAND HILL ACRES

2445 SAND HILL RD. ELLICOTT CITY, MD 21042
RECORDED IN PLAT #8355
3rd ELECTION DISTRICT * HOWARD COUNTY, MD
TAX MAP: 16 * GRID: 7 * PARCEL: 402



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

A LICENSED MARYLAND SURVEYOR EITHER PERSONALLY PREPARED THIS PLAN OR WAS IN RESPONSIBLE CHARGE OF ITS PREPARATION AND THE SURVEYING WORK REFLECTED IN IT, IN COMPLIANCE WITH THE MARYLAND MINIMUM STANDARD OF PRACTICE FOR LAND SURVEYING.

Date	Revisions	Drawn By: SM, NMB
4/10/19	REVISED TO ADD PROPOSED PERC TEST AND ADJOINING WELLS & SEPTIC AREAS	Designed By:
05/08/19	ADDED HOUSE DIMENSIONS & LOT LINES PER COUNTY	Reviewed By:
5/30/19	ADD REPLACEMENT SYSTEMS 1 & 2 AND SEPTIC EASEMENT AREA	Date: MARCH, 2019
6/2/19	REVISED TO SHOW PROP. SEPTIC TANK INFO	Scale: AS SHOWN
		Job No.: 2019026
		Sheet: 1 OF 1

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

Approved for Maria Roseman 7/10/2019
HOWARD COUNTY HEALTH OFFICER

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Mark A. Riddle 7/3/19
MARK A. RIDDLE, PROFESSIONAL LAND SURVEYOR #0699

THIS AREA DESIGNATES A PRIVATE SEPTIC RESERVE EASEMENT AREA 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 THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

PLAN
SCALE: 1" = 30'

LEGEND	
	ORIGINAL PERC TEST
	PASSED PERC TEST
	FAILED PERC TEST
	DRY HOLE
	EXISTING WELL LOCATION
	SOIL LINES
	DENOTES - TOTAL PROPOSED SEPTIC RESERVE EASEMENT AREA
	EXISTING TREELINE
	25% + SLOPES

SOILS LEGEND	
Soil	TYPE
GgB	GLENELS
GgC	GLENELS
MaD	MANOR

SAND HILL ROAD
MSRC PLAT 41521, 40571
(60' RW)

LOT 7
3.0623 ACS.

LAMPLIGHTERS DR
PLAT 3622
(50' RW)

LEGEND

- ORIGINAL PERC TEST
- PASSED PERC TEST
- FAILED PERC TEST
- DRY HOLE
- EXISTING WELL LOCATION

SOIL LINES
DENOTES - TOTAL PROPOSED SEPTIC RESERVE EASEMENT AREA

EXISTING TREELINE

25% + SLOPES

SOILS LEGEND

SOIL	TYPE
GsB	GLENNELG
GsC	GLENNELG
MaD	MANOR

PLAN
SCALE: 1" = 30'

THIS AREA DESIGNATES A PRIVATE SEPTIC RESERVE EASEMENT AREA 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 THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

INITIAL (EXISTING) SYSTEM:
EXISTING HOUSE: 4 BEDROOMS
PROPOSED ADDITION: 1 BEDROOM
TOTAL NUMBER OF BEDROOMS = 5
APPLICATION RATE = 1.2 GPD/SQ. FT.
EFFECTIVE DEPTH IS 3' (EXISTING SYSTEM DESIGN)

150 GALS x 5 BEDROOM = 750 GAL/DAY
750 GAL/DAY / 1.2 GAL/DAY/SQ. FT. = 625 SQ. FT.
625 SQ. FT. / 2 FT. = 312.5 LF. OF TRENCH = 313 LF. OF TRENCH
313 LF. x .44 = 137.72 LF. OF TRENCH - 138 LF. OF DEEP TRENCH
USE 2 - 68 LF. OF TRENCH FOR EACH SYSTEM

REPLACEMENT SYSTEM 1 & 2:
PROPOSED NUMBER OF BEDROOMS = 5
APPLICATION RATE = 1.2 GPD/SQ. FT.
EFFECTIVE DEPTH IS 3'
150 GALS x 5 BEDROOM = 750 GAL/DAY
750 GAL/DAY / 1.2 GAL/DAY/SQ. FT. = 625 SQ. FT.
625 SQ. FT. / 3 FT. = 208 LF. OF TRENCH
208 LF. x .31 = 64.79 LF. OF TRENCH - 65 LF. OF TRENCH
USE 1 - 65 LF. OF TRENCH FOR EACH SYSTEM

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

FOR INFORMATION
HOWARD COUNTY HEALTH OFFICER

1 HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

MARK A. RIDDE, PROFESSIONAL LAND SURVEYOR #10899

HOUSE DETAIL
SCALE: 1" = 30'

GENERAL NOTES

- CURRENT TITLE REFERENCE:
OWNER: KRISTEN EVANS
DEED REFERENCE: L 15853, F. 458
DATE: OCTOBER 29, 2014
GRANTOR: ANTONIO KAZAROS
- THE LOT SHOWN HEREON COMPLEES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPO MAPS AND VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY. TOPOGRAPHY OF THE SEWAGE DISPOSAL AREA WAS FIELD VERIFIED BY C.S.I.
- EXISTING WELLS AND/OR SEWER EASEMENTS WITHIN 100' OF THE LOT LINES HAVE BEEN SHOWN. THERE ARE NO WELLS 200' DOWN GRADIENT OF THE SEPTIC EASEMENT AREA SHOWN.
- M.S.L. DENOTES MINIMUM BUILDING LINE
- ANY CHANGES TO THE PRIVATE SEWER EASEMENT AND/OR ALTERNATIVE WELL LOCATION SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE PERCOLATION TEST LOCATIONS WERE TAKEN FROM THE INFORMATION PROVIDED BY THE HEALTH DEPARTMENT FROM THE ORIGINAL PERMIT INFORMATION A-40946 AND ALSO THE SAND HILL ACRES RECORD PLAT (PLAT NO. 8355).
- SHOULD STORMWATER MANAGEMENT BE REQUIRED, IT WILL BE PROVIDED BY A DRY WELL ON SITE.
- SHOULD A SEPTIC SYSTEM UPGRADE BE REQUIRED, THE SEPTIC SYSTEM COMPONENTS SHALL BE INSTALLED AND APPROVED PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT APPLICATION.
- THERE ARE NO VISIBLE WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE BOUNDARY UNLESS OTHERWISE SHOWN HEREON.

DATA TABULATIONS:

- ZONING DISTRICT: RR-DEO
- NUMBER OF BUILDING SITES: 1
- TOTAL AREA OF LOT: 3.06 ACRES

NOTE:

IN THE EVENT THE EXISTING SEPTIC SYSTEM FAILS AND THE REPLACEMENT SYSTEM NEAR TEST LOCATIONS 1 & 2 MUST BE UTILIZED, THE EXISTING WELL MUST BE PROPERLY ABANDONED, WITH ORIGINAL DOCUMENTATION TO BE SENT TO THE HEALTH DEPARTMENT. THE HOUSE WOULD BE CONNECTED TO PUBLIC WATER AT THAT TIME.

PURPOSE NOTE:

TO PROVIDE REPLACEMENT SEPTIC SYSTEM AND TO REPLACE THE EXISTING SEPTIC TANK IN ORDER TO PROVIDE SEWAGE DISPOSAL AREA FOR PROPOSED ADDITION, FOR A TOTAL OF 5 BEDROOMS

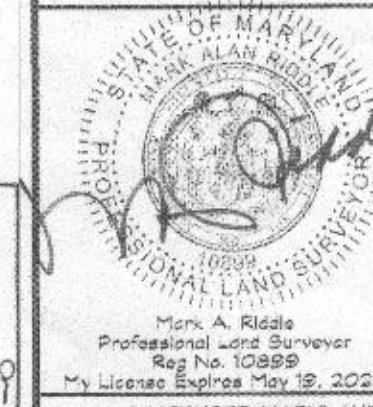
OWNER/DEVELOPER

KRISTEN EVANS
2445 SAND HILL ROAD
ELLICOTT CITY, MD 21042

A-40946

PERCOLATION CERTIFICATION PLAN

LOT 7
SECTION 3 AREA 1
SAND HILL ACRES
2445 SAND HILL RD, ELLICOTT CITY, MD 21042
RECORDED IN PLAT #8355
3rd ELECTION DISTRICT - HOWARD COUNTY, MD
TAX MAP: 16 * GRID: 7 * PARCEL: 402



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

A LICENSED MARYLAND SURVEYOR EITHER PERSONALLY PREPARED THIS PLAN OR WAS IN RESPONSIBLE CHARGE OVER ITS PREPARATION AND THE SURVEYING WORK REFLECTED IN IT, IN COMPLIANCE WITH THE MARYLAND MINIMUM STANDARD OF PRACTICE FOR LAND SURVEYING

Date	Revisions	Drawn By
4/10/19	REVISED TO ADD PROPOSED PERC TEST AND ADJOINING WELLS & SEPTIC AREAS	Designed By
05/08/19	ADDED HOUSE DIMENSIONS & LOT LINES PER COUNTY	Reviewed By
5/30/19	ADD REPLACEMENT SYSTEMS 1 & 2 AND SEPTIC EASEMENT AREA	Date: MARCH, 2019
6/21/19	REV'D TO SHOW PROP. SEPTIC TANK INFO	Scale: AS SHOWN
		Job No.: 2019028
		Sheet: 1 OF 1