

APPLICATION

PERCOLATION TESTING

A _____

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 KENNARD WARFIELD JR

ADDRESS 14663 TRIADELPHIA ROAD PHONE 410-442-2337

AGENT OR PROSPECTIVE BUYER LAND DESIGN & DEVELOPMENT

ADDRESS 8000 MAIN STREET ELLICOTT CITY PHONE 410-480-9105

PROPERTY LOCATION:
SUBDIVISION THE WARFIELDS II LOT NO. 26

ROAD AND DESCRIPTION SOUTH SIDE OF TRIADELPHIA ROAD AT THE INTERSECTION OF TRIADELPHIA ROAD AND HOWARD ROAD

TAX MAP 21 PARCEL # _____

SIZE OF LOT ONE ACRE TYPE BLDG. SINGLE FAMILY DWELLING
(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. DONALD R. LEWIS
(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

6289/6285

brn orge

cl lm

tan beige

lt. brn

sa lm

10% Fr

Fr

6287/88

orge

brn

cl lm

hvy lm

pockets @25% Fr

tan

lt. brn

sa lm

10% Frags

Frags

6286

brn orge

cl & slm

orge

brn

hvy lm

tan

sa lm

10% Frags

SOIL PROFILE

1214

orge

brn red

cl lm

tan

slm

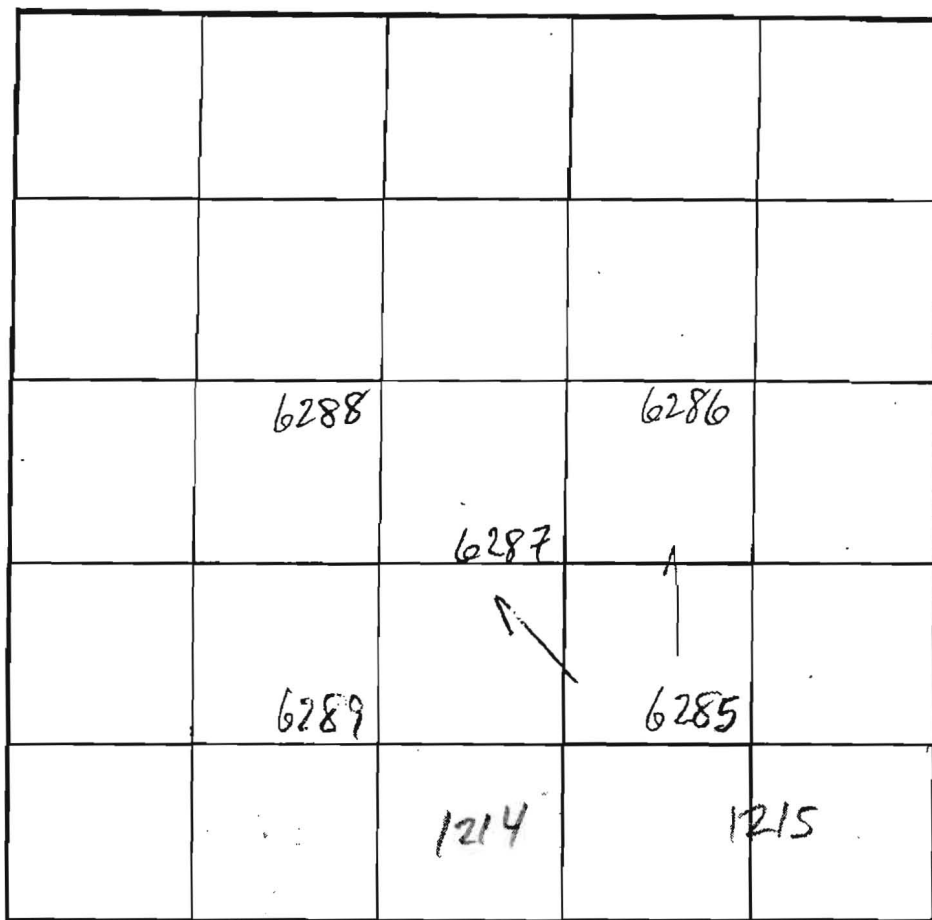
lt. tan

lt. orge

sa lm

5-10% Frags

Frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
2/5/03	6289 ^S ✓	6' 1/2" 14"	1:45	1:49	1:49	2:02	13
	6288 ^S ✓	7' 13"	2:13	2:19	2:19	2:31	11
	6287 ^S ✓	9' 13"	1:57	2:02	2:02	2:08	6
	6286 ^S ✓	6' 1/2" 13"	2:31	3:07	2:31	SLOW	FAIL
	6285 ^S ✓	6' 9" 13 3/4"	2:55	3:01	3:01	3:10	9
2/12/03	1214 ✓	13"					OK

REMARKS ALL HOLES PER PLAN, SUGGEST RETEST 50' UPHILL OF 6286

TYPE OF SOIL

TESTED BY M. Rifkin, F. Alfonso

ALSO PRESENT Mike J. crew, Tori M.

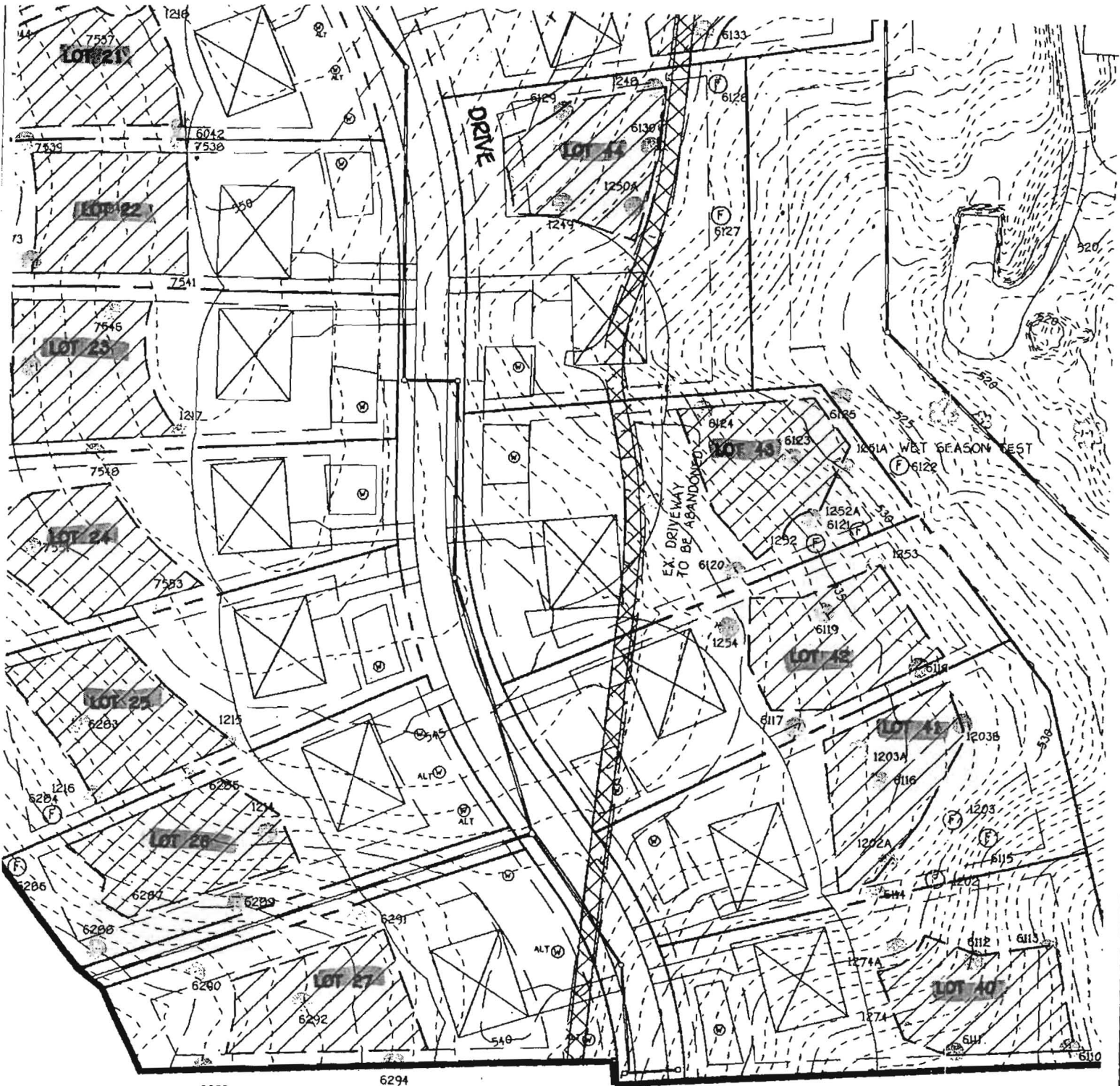
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

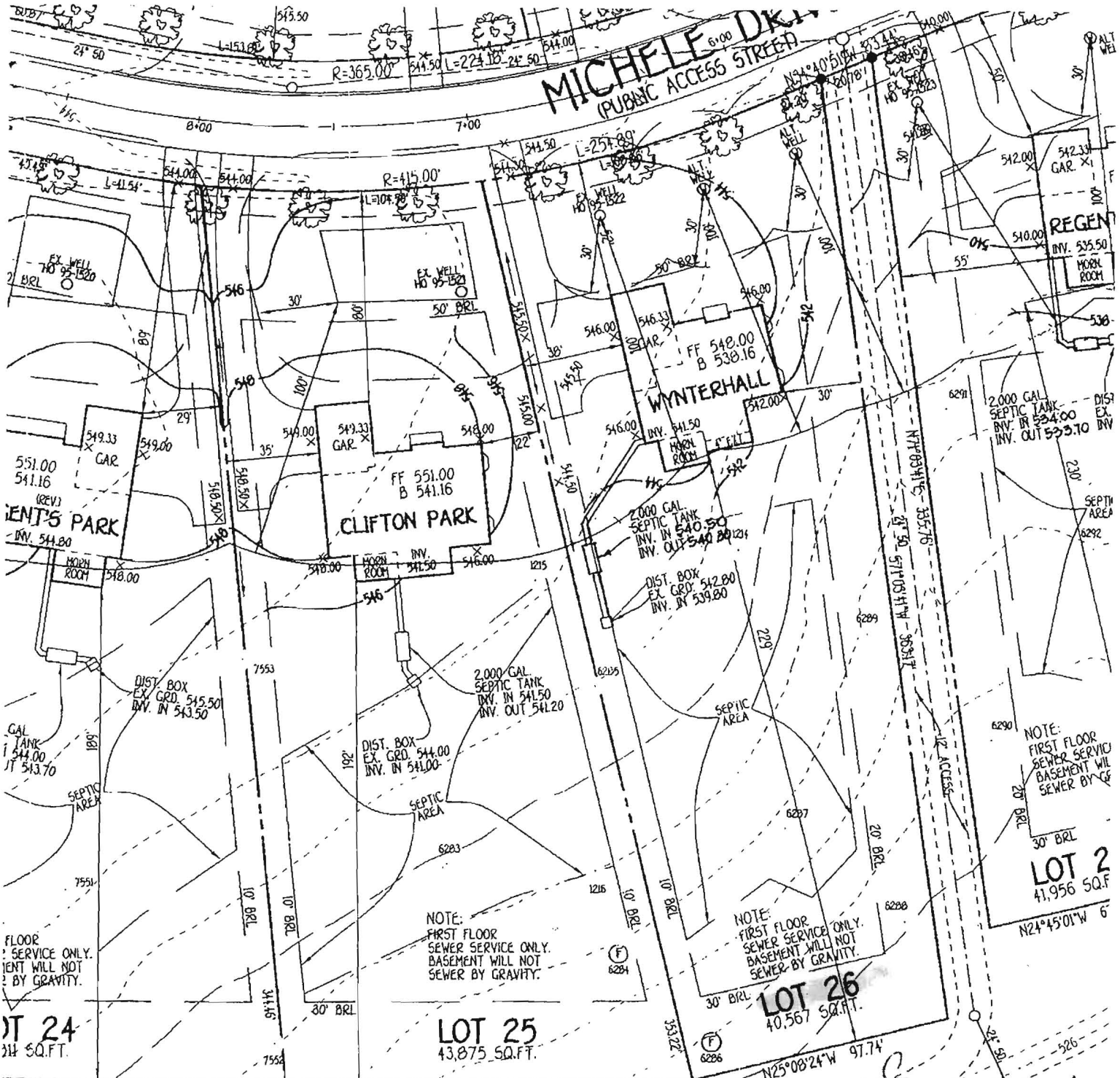
SO FT/BEDROOM



Signed Per wt 1-10-08

MICHELE DR

(PUBLIC ACCESS STREET)



FLOOR SERVICE ONLY. JENT WILL NOT BY GRAVITY.

LOT 24
314 SQ.FT.

LOT 25
43,875 SQ.FT.

LOT 26
40,567 SQ.FT.

LOT 27
41,956 SQ.FT.

NOTE: FIRST FLOOR SEWER SERVICE ONLY. BASEMENT WILL NOT SEWER BY GRAVITY.

NOTE: FIRST FLOOR SEWER SERVICE ONLY. BASEMENT WILL NOT SEWER BY GRAVITY.

NOTE: FIRST FLOOR SEWER SERVICE BASEMENT WILL SEWER BY GF

copy of Perc Cert 7/30/2010
Signed

B.M.P. FACILITY NO. 2
WET-EXTENDED DETENTION POND TO PROVIDE WQV AND HAZARD CLASS 'A' WET POOL EL. = 521.00
CPV EL. = 525.22

Bricker, Robert

From: Bricker, Robert
Sent: Wednesday, September 04, 2013 1:33 PM
To: 'jwkmasters@aol.com'
Subject: FW: notes for perc cert
Attachments: perc cert notes_example.doc

John,
Additional information is being required on your Percolation Certification Plan, specifically additional notes. Our Asst Director is requiring that the modification of trenches be more descriptive, i.e., describing in the notes that 40 feet of trench is to be removed and replaced. Also that the gravel is removed from several feet (3' – 5') of the existing trenches where the pipes are severed, and soil packed back into the void thereby creating a barrier limiting the flow of solution toward the pool area. He wants everyone (sanitarians, contractors, owner) to be clear about what is expected in modifying the septic system to accommodate the pool site.

I suggest the following two notes:

A new trench, 40 feet in length, is to replace the approximate 40 feet of trench to be abandoned. At the cut ends of the two existing trenches, gravel is to be completely removed for a length 3 to 5 feet and soil is to be tamped back into the void.

The property owner, or designee, is responsible for accurately marking the proposed location of the inground pool basin prior to the septic contractor's layout inspection.

Please 'Reply' affirmatively if I have your permission to write these two notes onto the plan.
Robert Bricker, REHS/R.S.

From: Bricker, Robert
Sent: Tuesday, August 27, 2013 10:58 AM
To: 'jwkmasters@aol.com'
Subject: notes for perc cert

John,
Applicable portions of the attached WORD file content may be copied to your Percolation Certification Plan Revision.
Robert Bricker

ROBERT BRICKER, CPSS, REHS/RS
ENVIRONMENTAL HEALTH SPECIALIST
DEVELOPMENT COORDINATION SECTION, WELL AND SEPTIC PROGRAM
HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH
7178 COLUMBIA GATEWAY DRIVE
COLUMBIA, MD 21046

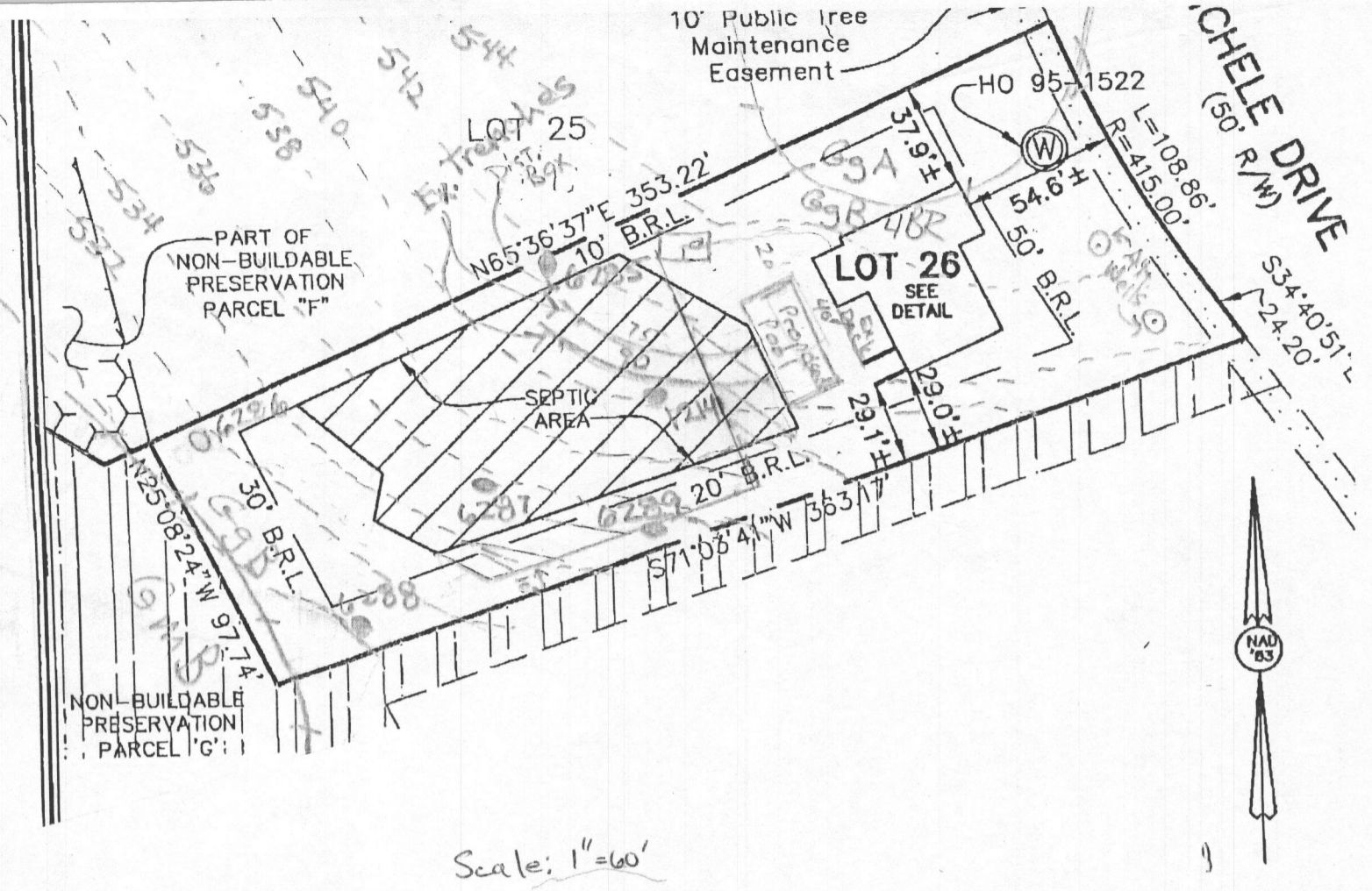
410-313-2691; fax, 410-313-2648
rbricker@howardcountymd.gov

CONFIDENTIALITY NOTICE

PERCOLATION CERTIFICATION PLAN

14859 Michele Dr.
Glenelg, MD 21737

John Masters
301 641-0012

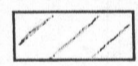


Scale: 1" = 60'





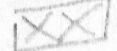





S 11
68
E LOT 69
RVATION
ILDABLE
THRU
ICT

NOTES

1. ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 2. TOPOGRAPHY AND WELL LOCATIONS ON THIS PLAT ARE FROM THE BUILDING PERMIT APPLICATION SITE PLAN FOR THE EXISTING RESIDENCE AND ARE VERIFIED TO ACCURATELY REPRESENT WELL LOCATIONS AND THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
 3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
 4. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 
5. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 6. THE EXISTING RESIDENCE, SEPTIC TANK, DISTRIBUTION BOX AND DISTRIBUTION TRENCHES WILL REMAIN.
 7. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN REVISION IS TO ADJUST THE SEWAGE DISPOSAL AREA TO ACCOMMODATE AN ANTICIPATED INGROUND POOL.
 8. THE EXISTING SEPTIC SYSTEM MUST BE MODIFIED TO MEET CODE REQUIREMENTS FOR SETBACK TO POOL AND FOR TRENCH ABSORPTION AREA PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.

LEGEND

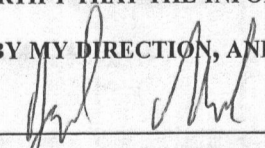
- SEPTIC TANK 
- PERC TEST PASS 
- PERC TEST FAIL 
- SEPTIC EASEMENT AREA RETAINED  ~9300 sq ft
- SEPTIC EASEMENT AREA ABANDONED  ~1000 sq ft
- SEPTIC EASEMENT AREA ADDED  ~1500 sq ft
- ELEVATION CONTOUR LINES  -500-
- SOIL MAP UNIT LINES 

*9. A new trench, 40 feet in length is to replace the approximate 40 feet of trench to be abandoned. At the cut ends of the existing trenches, gravel is to be completely removed for a length of 3 to 5 feet and soil is to be tamped into the void.

*10. The owner, or designee, is responsible for accurately marking the proposed location of the inground pool basin prior to the septic contractor's layout inspection.

*Notes 9 and 10 inserted with owner's permission.
reB 9/1/2013

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON WORK PERFORMED IN MY PRESENCE OR BY MY DIRECTION, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

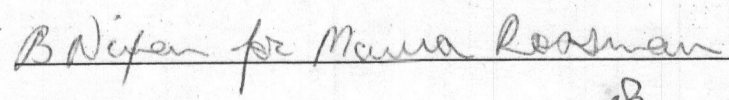


(SIGNATURE)

8/29/13

(DATE)

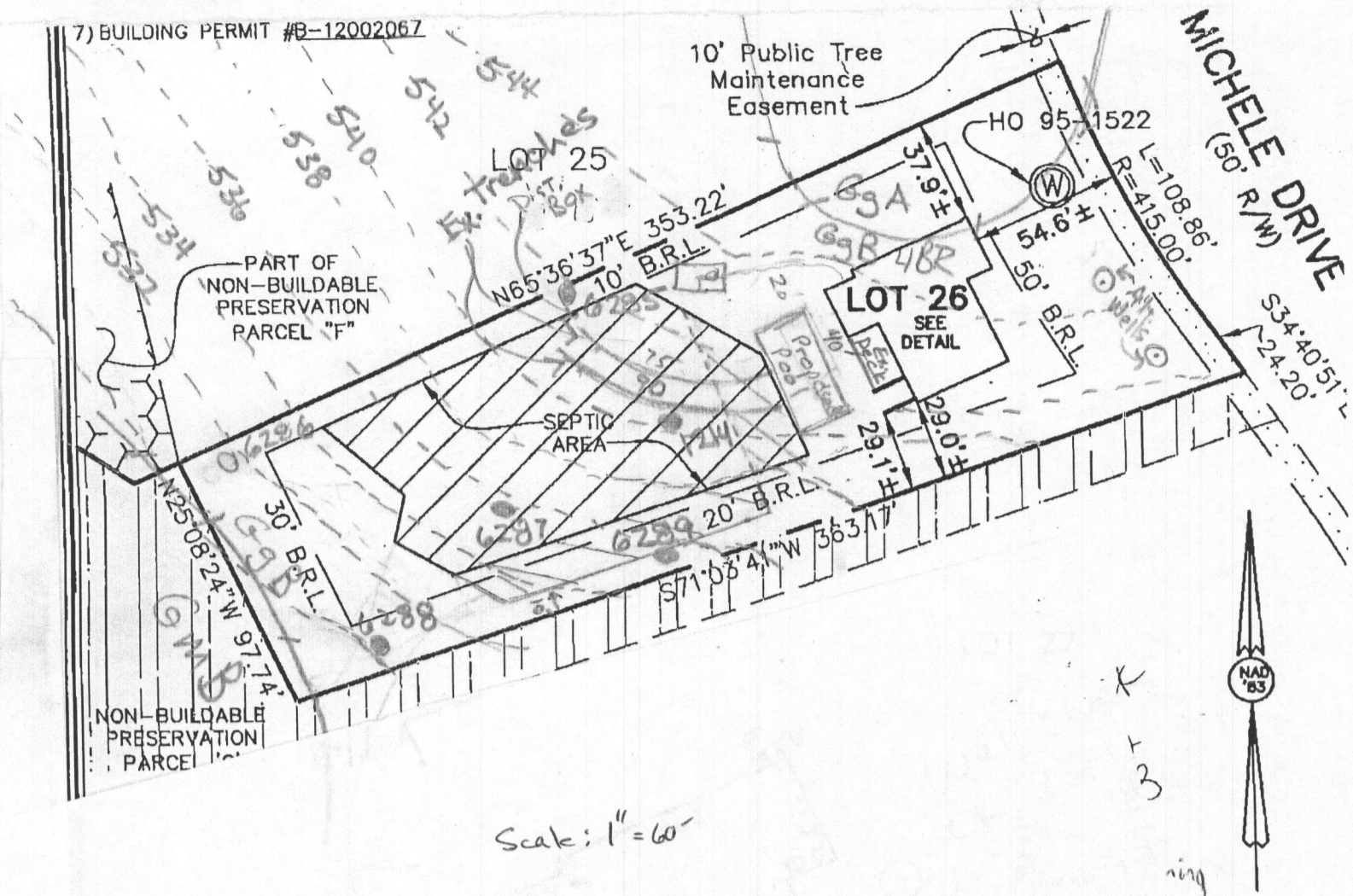
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

B Nifan for Marina Roosman 9/3/2013

(SIGNATURE) reB (DATE) 1790

PERCOLATION CERTIFICATION PLAN

14859 Michele Dr.
Glenelg, MD 21737

John Masters
301 641-0012



Scale: 1" = 60'



8
LDS II
TWO
U 68
ACE LOT 69
PRESERVATION
BUILDABLE
"B" THRU
DISTRICT

NOTES

- ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 - TOPOGRAPHY AND WELL LOCATIONS ON THIS PLAT ARE FROM THE BUILDING PERMIT APPLICATION SITE PLAN FOR THE EXISTING RESIDENCE AND ARE VERIFIED TO ACCURATELY REPRESENT WELL LOCATIONS AND THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
-
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE EXISTING RESIDENCE, SEPTIC TANK, DISTRIBUTION BOX AND DISTRIBUTION TRENCHES WILL REMAIN.
 - THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN REVISION IS TO ADJUST THE SEWAGE DISPOSAL AREA TO ACCOMMODATE AN ANTICIPATED INGROUND POOL.
 - THE EXISTING SEPTIC SYSTEM MUST BE MODIFIED TO MEET CODE REQUIREMENTS FOR SETBACK TO POOL AND FOR TRENCH ABSORPTION AREA PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.

LEGEND

- SEPTIC TANK
- PERC TEST PASS
- PERC TEST FAIL
- SEPTIC EASEMENT AREA RETAINED ~9300 ft²
- SEPTIC EASEMENT AREA ABANDONED ~1000 ft²
- SEPTIC EASEMENT AREA ADDED ~1500 ft²
- ELEVATION CONTOUR LINES - - - - - 500 -
- SOIL MAP UNIT LINES

*9. A new trench, 40 feet in length, is to replace the approximate 40 feet of trench to be abandoned. At the cut ends of the existing trenches, gravel is to be completely removed for a length 3 to 5 feet and soil is to be tamped into the void.

*10. The owner, or designee, is responsible for accurately marking the proposed location of the inground pool basin prior to the septic contractor's Layout Inspection.

*Notes 9 and 10 inserted with owner's permission.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON WORK PERFORMED IN MY PRESENCE OR BY MY DIRECTION, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(SIGNATURE)

8/29/13

(DATE)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

(SIGNATURE)

9/9/2013

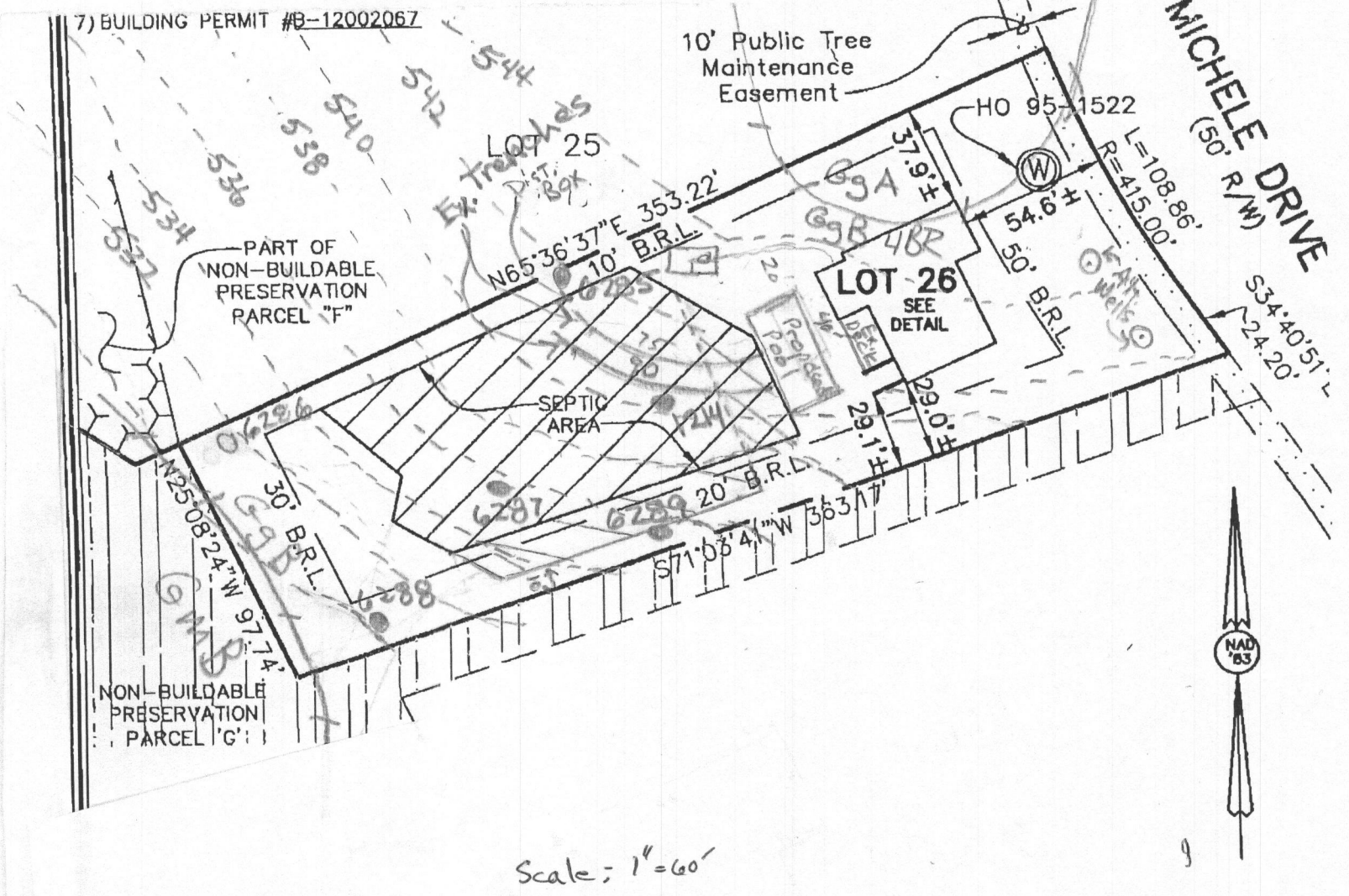
(DATE)

reb
9/4/2013

PERCOLATION CERTIFICATION PLAN

14859 Michele Dr.
Glenelg, MD 21737

John Masters
301 641-0012



Scale: 1" = 60'



S II
68
E LOT 69
RVATION
ILDABLE
THRU
NOT

NOTES

- ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 - TOPOGRAPHY AND WELL LOCATIONS ON THIS PLAT ARE FROM THE BUILDING PERMIT APPLICATION SITE PLAN FOR THE EXISTING RESIDENCE AND ARE VERIFIED TO ACCURATELY REPRESENT WELL LOCATIONS AND THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
-
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE EXISTING RESIDENCE, SEPTIC TANK, DISTRIBUTION BOX AND DISTRIBUTION TRENCHES WILL REMAIN.
 - THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN REVISION IS TO ADJUST THE SEWAGE DISPOSAL AREA TO ACCOMMODATE AN ANTICIPATED INGROUND POOL.
 - THE EXISTING SEPTIC SYSTEM MUST BE MODIFIED TO MEET CODE REQUIREMENTS FOR SETBACK TO POOL AND FOR TRENCH ABSORPTION AREA PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.

LEGEND

- SEPTIC TANK
- PERC TEST PASS
- PERC TEST FAIL
- SEPTIC EASEMENT AREA RETAINED ~9300 ft²
- SEPTIC EASEMENT AREA ABANDONED ~1000 ft²
- SEPTIC EASEMENT AREA ADDED ~1500 ft²
- ELEVATION CONTOUR LINES 500
- SOIL MAP UNIT LINES

- * 9. A new trench, 40 feet in length, is to replace the approximate 40 feet of trench to be abandoned. At the cut ends of the two existing trenches, gravel is to be removed for a length of 3 to 5 feet and soil is to be tamped into the void.
- * 10. The property owner, or designee, is responsible for accurately marking the proposed location of the inground pool basin prior to the septic contractor's layout inspection.
- * Notes 9 and 10 inserted with owner's permission. rCB 9/4/2013

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON WORK PERFORMED IN MY PRESENCE OR BY MY DIRECTION, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8/29/13

(SIGNATURE)

(DATE)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

9/3/2013

(SIGNATURE)

su rCB

(DATE)