

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

520415
AP (529585) receipt #
Lot 5 per

AGENCY REVIEW: _____

DATE 10/7/08

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Robert L. Naecker

DAYTIME PHONE 443-864-6445 CELL _____ FAX _____

MAILING ADDRESS 12740 Route 108 Clarksville Maryland 21029-1531
STREET CITY/TOWN STATE ZIP

APPLICANT FSH Associates

DAYTIME PHONE 410-567-5200 CELL _____ FAX 410-796-1562

MAILING ADDRESS 6339 Howard Lane Elkridge Maryland 21075
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION SP-09-03
SUBDIVISION/PROPERTY NAME Naecker Property (Plat # 7288 Lot 4) LOT NO. 5

PROPERTY ADDRESS SAME AS OWNER
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 17 PARCEL(S) 382 PROPOSED LOT SIZE 300

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Heather Sterguel
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

November 3, 2008

To: Zacharia Fisch, consulting engineer
From: Robert Bricker, RS, CPSS
Development Coordination Section
Well & Septic Program
RE: PERCOLATION TEST RESULTS, 12740 Rte. 108, Naecker Property (Willow Pond, Lot 5), A529585

Percolation testing was conducted on the referenced property on October 24, 2008. All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Soils' conditions either satisfactory or unsatisfactory for onsite wastewater disposal were observed at the specified test locations. Subsequently, an area having soil properties suitable for a septic easement has been identified.

Test holes were dug near staked locations designated as #705, #706, #707, #708, and #709. Location #705 'Failed' due to sandy clay textures in the upper subsoil and free water in the lower subsoil. Water seeps were also observed at location #708 and (as the seasonal water table is lowest at this time of year) that location could not be approved at this time.

Test locations #706, #707 and #709 'Pass' with moderately rapid infiltration rates. Two locations, #710 and #711, were added to define a lower boundary for the septic easement. The two locations also 'Pass', and have moderately rapid infiltration rates.

There is a buried electrical conductor within the area being defined as a septic easement. A condition will be placed on the use of the septic easement. Its location needs to be shown on the Percolation Certification Plan, and a Note will be added -stating that the conductor will be removed from the septic easement area prior to issuance of a septic permit for Lot 5.

Field data collected are shown on the Percolation Test Worksheet enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. When the Percolation Certification Plan is approved, the values for the drainfield parameters will be established and maintained in the Health Department file for the subject property. A field sketch of percolation test locations and property features should have been sent to you by the developer on October 24.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, contact me at the above address or by calling (410) 313-2691.

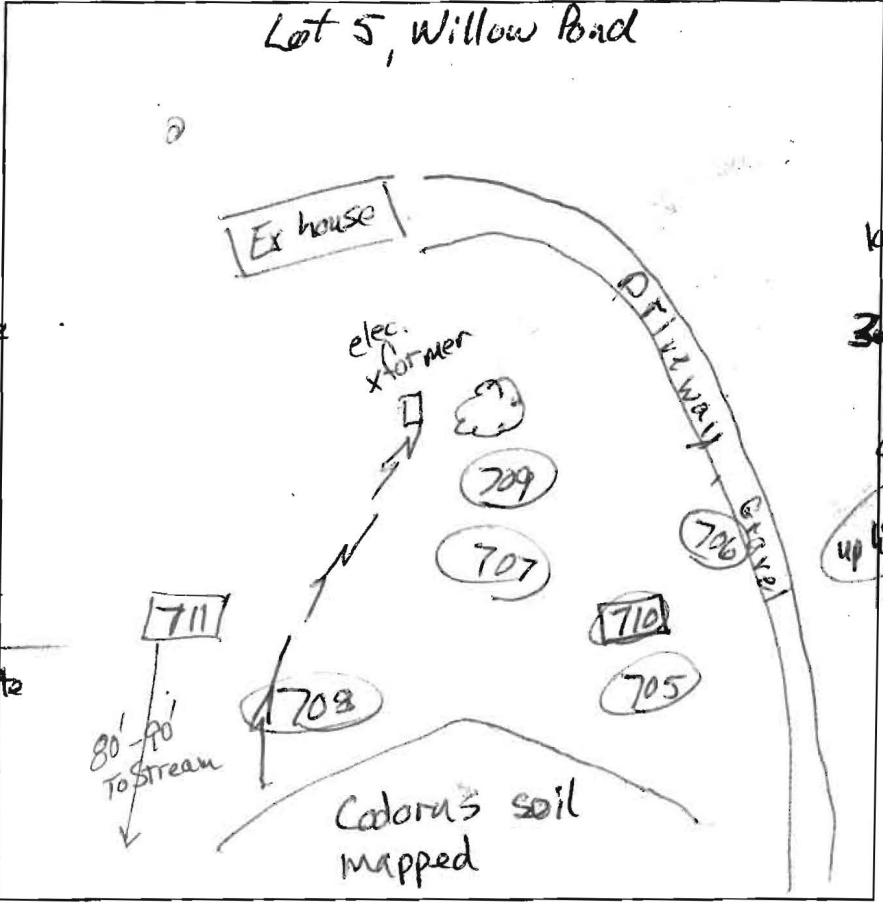
Respectfully,

Robert C. Bricker, Jr., CPSS, RS
Well and Septic Program
Development Coordination Section

Enclosures
Copy: file

NR 529585

Lot 5, Willow Pond



707
 brn sl
 3 fsk
 brn heavy sl
 & scl
 - lower boundary
 dense, brittle
 3' dk brn sl
 common mica
 4' 0" pm
 yel-red sl
 4.5' t. brn & white
 6' 1" dk brn & white
 11' 1" ls

708
 dk brn sl
 3 fsk to
 2msbk
 common mica
 many fine roots
 1.5' layers
 olive-brn sl
 common mica
 3.8' gr red-yel sl
 dk brn
 white ls
 6' dk brn & wh
 7' some grey
 8' up hill
 puggy quartzite
 Mn & Fe coatings
 moist
 10' water seeps
 (11' up hill)

706
 dk brn sl
 3 fsk to 2msbk
 many fine roots
 1.5' heavy sl
 few clay skins
 micaceous
 2.5' dk brn ls
 micaceous
 3.5' yel-red gr sl
 4.5' lt grey brn
 & pale yellow
 10.6' beamy sand

711
 Same
 as 709

To 10'
 dk grey & white
 moist
 quartzite
 flags
 Mn & Fe coatings
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/24/08	707	4' 11"	9:47	9:48	9:50	2	P
10/24/08	708	3' 6-8"	0	1.5	4.5	3	H
10/24	705	apparent w.t. 6.5'		Visual water level at 10'			F RB
10/24/08	706	4.5' 10"	0	1.5	4.5	3	P
10/24/08	709	4' 12"	0	1	3	2	P
10/24/08	710			Visual			P
	711	4' 10"	0	0.7	re-pour		
re-pour	711	4' 10"	0	1.3	3.3	2	P

705
 lt grey-brn sl
 3 fsk to 2msbk
 2' brn scl
 1' brn heavy sl
 3.5' brn & yel-brn
 sl (heavy)
 6.5' grey & yel-red
 sandy clay
 micaceous
 10'
 709
 dk brn sl
 brn scl
 1 to gr sl (yel-red)
 2.5' 4' rel-yel sl
 3' brn, pale brn ls
 4' yel red sl
 1' layered, mixed
 7' dk brn & white
 beamy sand
 12'

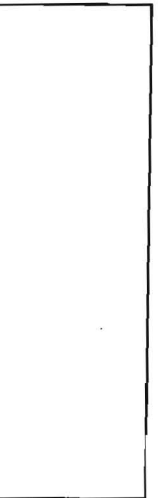
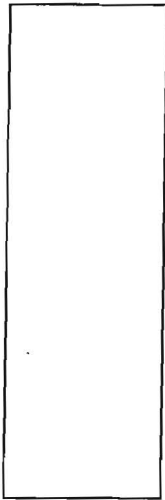
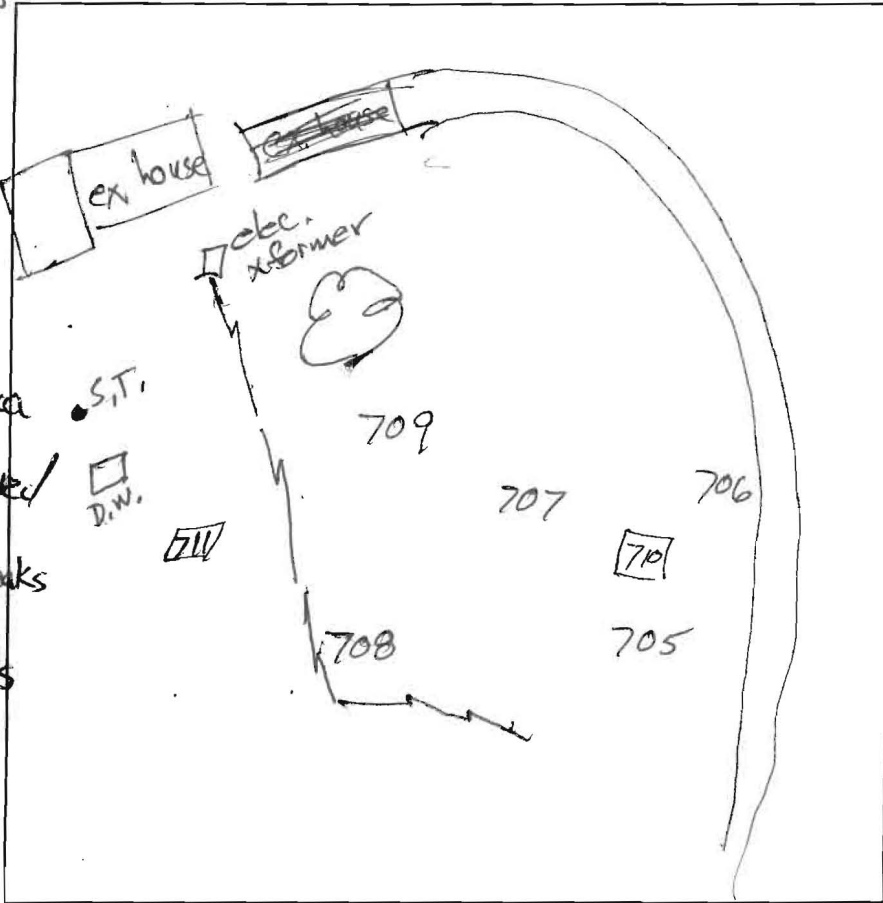
REMARKS
 SANITARIAN RB BACKHOE Ricky OTHERS Rick Wayne
 TEST HOLES USED IN SDA _____ AVG. PERC TIME < 5 mins SQ. FT/BR

TRENCH WIDTH _____ INLET DEPTH 203 MAX. BOT DEPTH 5 EFFECTIVE SW begins at 3
 Set Dist. Box at top-center #710 #711 Max. Trench Bottom 4'

AKR 529585

710

- 1 dk brn sl
- 1 1/2 yel red scl
- 3 1/2 & heavy sl
- 3 yel red ls
- brn streaks
- 1 many fine mica
- 5 dk brn & yel red
- loamy sand
- 1 pale yellow streaks
- 9.5 dk grey brn
- & pale yellow ls
- 1 moist



711

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



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- YES
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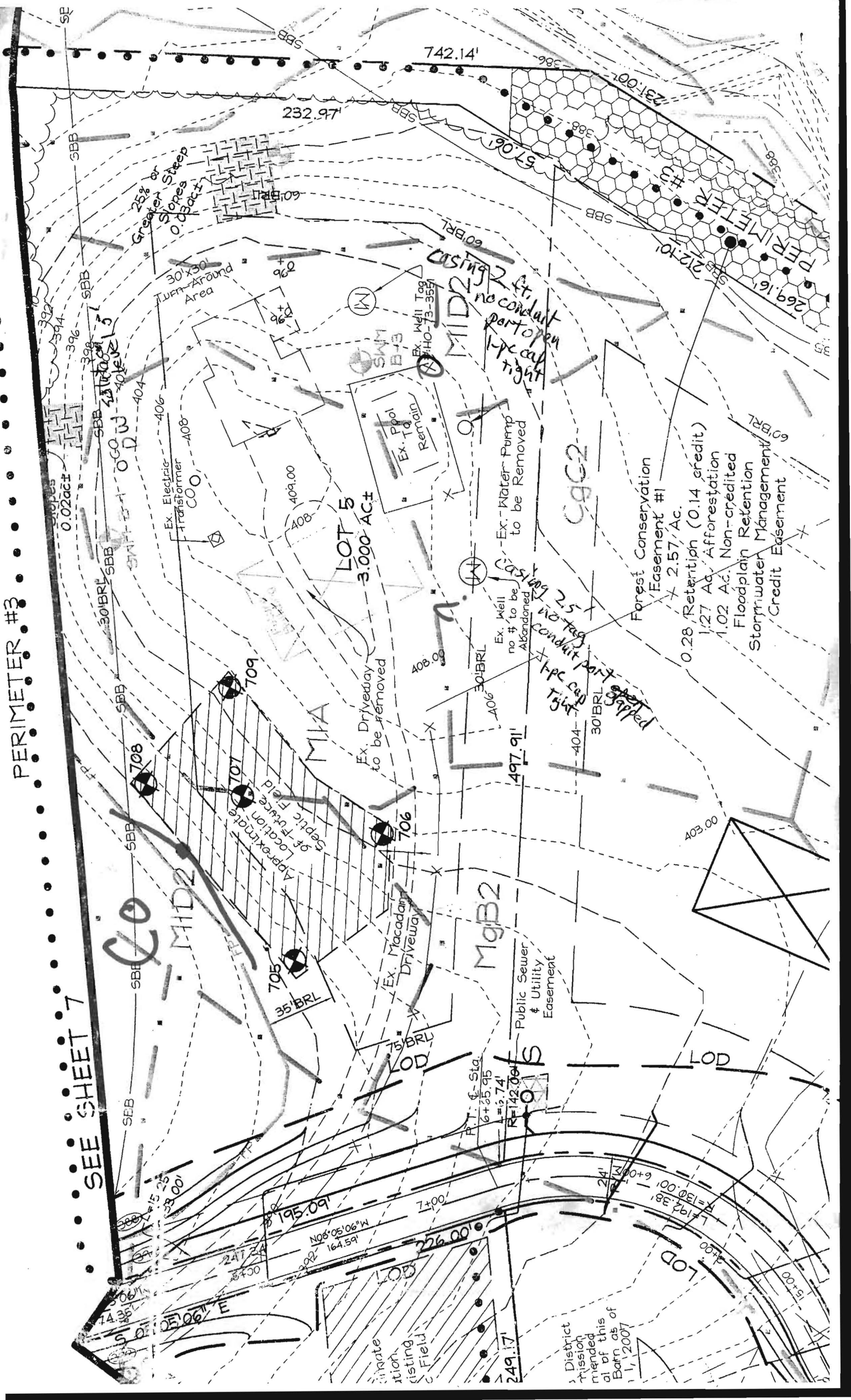
Heather Sterguel

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

PERIMETER #3

SEE SHEET 7

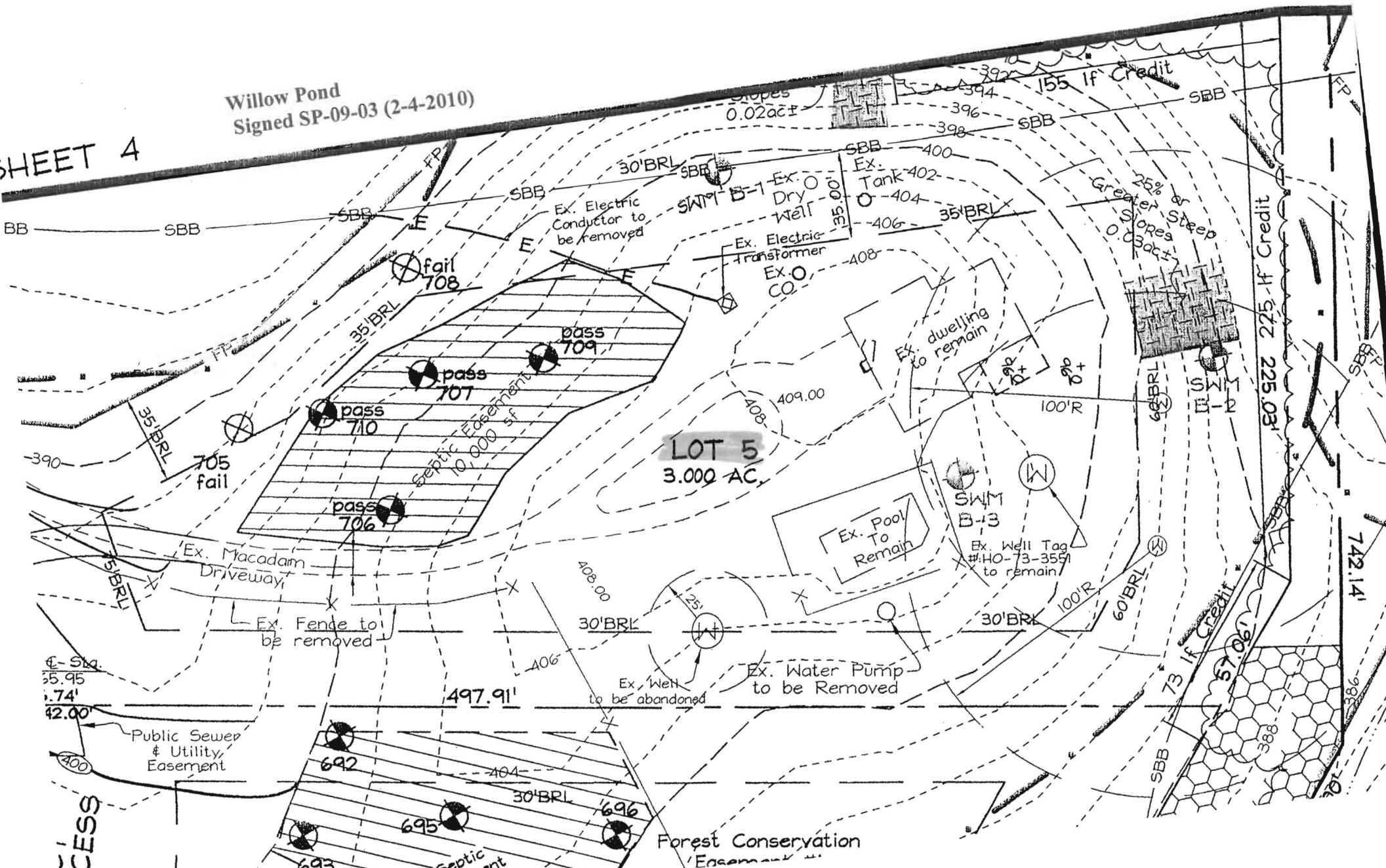


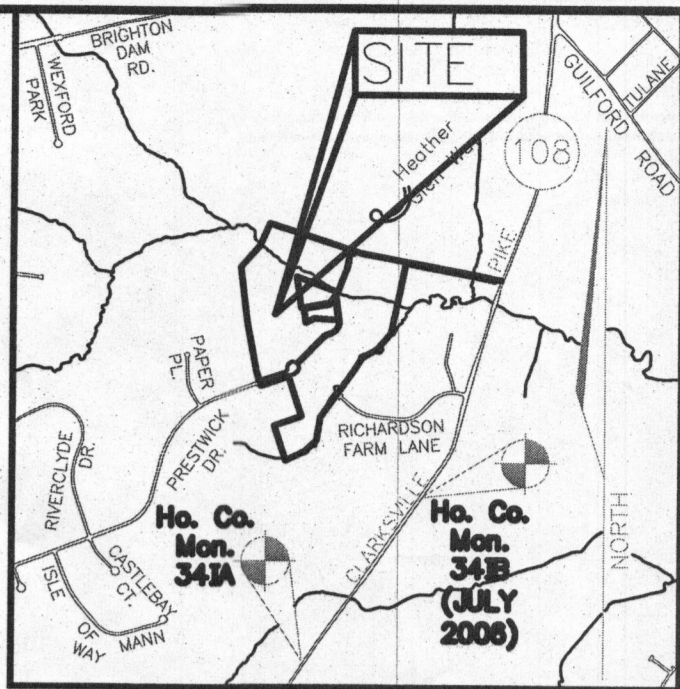
3 District Mission mended al of this at of Barn as of 11, 2007

DATE 04/20/11
RCEL PLAN OF

Willow Pond
Signed SP-09-03 (2-4-2010)

SHEET 4





VICINITY MAP
SCALE: 1" = 2000'

LEGEND:

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	ADJACENT PROPERTY LINE
	EXISTING SANITARY MANHOLE
	EXISTING SANITARY LINE
	EXISTING CLEANOUT
	EXISTING FIRE HYDRANT
	EXISTING WATER LINE
	EXISTING 10' CONTOUR
	EXISTING 2' CONTOUR
	SOILS
	EXISTING TREELINE
	PROPOSED TREELINE
	EXISTING WELL
	PROPOSED 10' CONTOUR
	PROPOSED 2' CONTOUR
	PROPOSED SPOT ELEVATION
	FAILED PERC. TEST
	PASSED PERC. TEST
	PROP. REPLACEMENT WELL
	EXISTING WELL FIELD LOCATED
	APPROVED SEPTIC AREA
	APPROVED SEPTIC AREA TO BE ABANDONED
	PROPOSED SEPTIC AREA



PLAN VIEW
SCALE: 1"=30'

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
Cc	ODOROUS AND HABITABLE SILT LOAMS, 0 TO 3 PERCENT SLOPES	C	.37	NO
GnB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	B	.20	NO
GcC	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	B	.20	NO
GnB	GLENVILLE-SAME SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	.37	YES

SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
HOWARD COUNTY SOILS MAP NUMBER 16 - CLARKSVILLE, MD

NOTE: HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT

NOTE: THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEPTIC EASEMENT ON LOT 5 AT WILLOW POND IN ORDER TO MOVE THE PROPOSED HOUSE MORE TOWARD THE CENTER OF THE LOT.

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS M. HOFFMAN, JR.
LAND SURVEYOR No. 267
DATE: 10/21/14

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM.

BR. W. J. ROSSMAN
COUNTY HEALTH OFFICER
DATE: 10/27/14

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 SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. REVISIONS TO A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

GENERAL NOTES:

1. THE PROPERTY OUTLINE IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED BY FSH ASSOCIATES DATED JULY 2006.
2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY FSH ASSOCIATES, DATED OCTOBER 2006.
3. ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
6. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
7. ALL EXISTING STRUCTURES THAT WERE LOCATED ON THIS SITE WERE REMOVED UNDER DEMOLITION PERMIT #B13002236 IN OR AROUND JUNE 2013.
8. THE EXISTING SEPTIC SYSTEM THAT WAS LOCATED ON THIS PROPERTY WAS PROPERLY ABANDONED IN OR AROUND JUNE 2013.

OWNER
HASAN A. ASKARI
6490 HEATHER GLEN WAY
CLARKSVILLE, MD 21029
(410) 781-6782

DEVELOPER
GREENFIELD HOMES, INC.
6656 LUSTER DRIVE
HIGHLAND, MARYLAND 20777
(410) 781-6782

NO.	REVISION	DATE

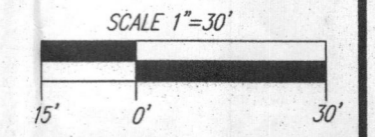
REVISED PERCOLATION CERTIFICATION PLAN

WILLOW POND - LOT 5
6490 HEATHER GLEN WAY
(FORMERLY PRESTWICK DRIVE)
CLARKSVILLE, MD 21029

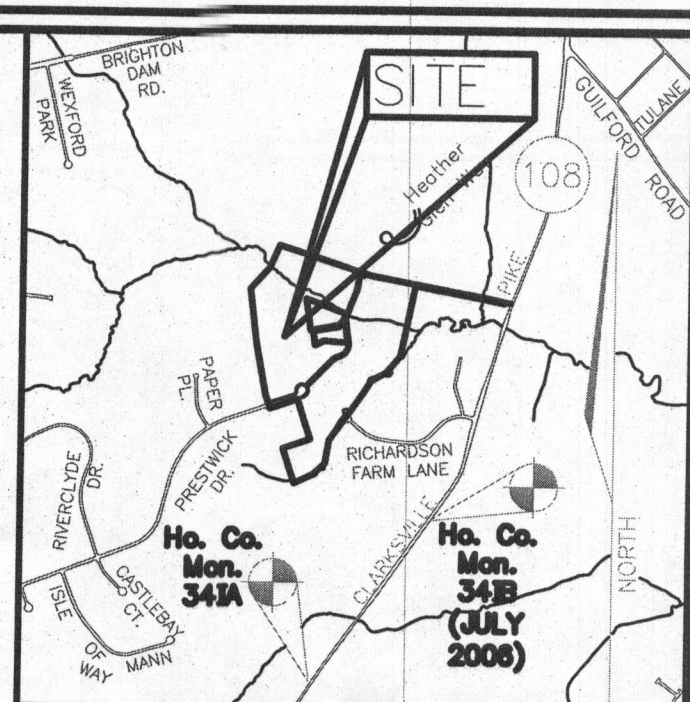
5TH ELECTION DISTRICT
TAX MAP: 34 PARCEL: 444
DEPT. REF'S: F-10-106, F-09-13, F-96-170, F-89-112, F-87-174,
F-79-115, SP-09-03, SP-07-011, VP-87-103, WP-09-62, PLAT 7288
BLOCK: 17
ZONED: RR-DEO
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLICOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961

PROFESSIONAL CERTIFICATE	
DESIGN BY:	RHV
DRAWN BY:	JMR
CHECKED BY:	RHV
DATE:	OCTOBER 2014
SCALE:	AS SHOWN
W.O. NO.:	14-33
1 SHEET OF 1	



ROBERT H. VOGEL, PE No. 16193



VICINITY MAP
SCALE: 1" = 2000'

LEGEND:

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	ADJACENT PROPERTY LINE
	EXISTING SANITARY MANHOLE
	EXISTING SANITARY LINE
	EXISTING CLEANOUT
	EXISTING FIRE HYDRANT
	EXISTING WATER LINE
	EXISTING 10' CONTOUR
	EXISTING 2' CONTOUR
	SOILS
	EXISTING TREELINE
	PROPOSED TREELINE
	EXISTING WELL
	PROPOSED 10' CONTOUR
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	PROPOSED SPOT ELEVATION
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NO.	REVISION	DATE

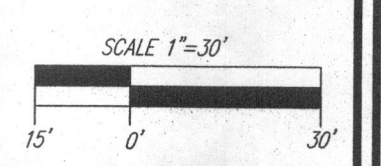
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BLOCK: 17
ZONED: RR-DEO
HOWARD COUNTY, MARYLAND

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ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLCOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.1891

PROFESSIONAL CERTIFICATE
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 16193 EXPIRATION DATE: 09-27-2016

DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: OCTOBER 2014
SCALE: AS SHOWN
W.O. NO.: 14-33



SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
Cs	COODRUS AND HATBORO SILT LOAMS, 0 TO 3 PERCENT SLOPES	C	.37	NO
GbB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	B	.20	NO
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GbB	GLENVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	.37	YES

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HOWARD COUNTY SOILS MAP NUMBER 16 - CLARKSVILLE NW
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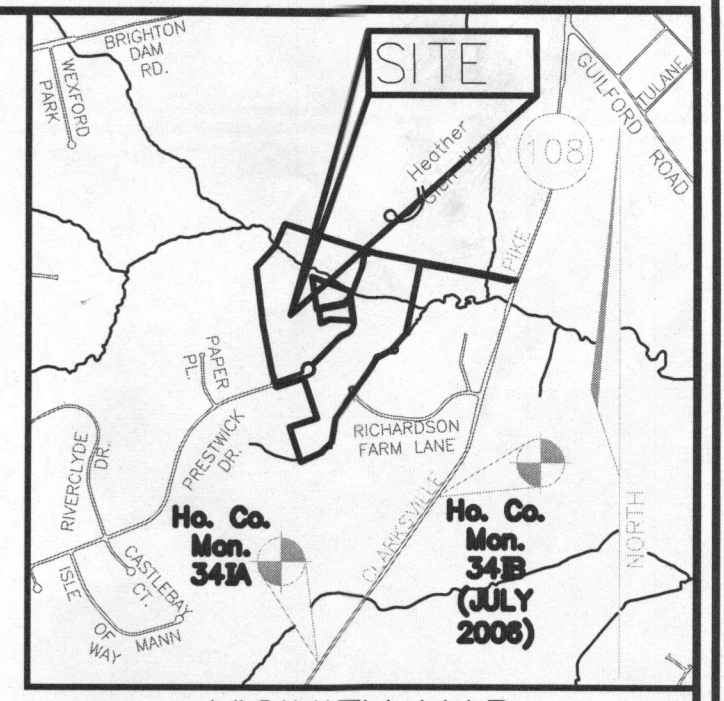
PLAN VIEW
SCALE: 1"=30'

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K:\Projects\14-2826\DWG\PERC_REVISED.DWG, 10/27/2014 3:46:15 PM



VICINITY MAP
SCALE: 1" = 2000'

LEGEND:

	PROPERTY LINE
	RIGHT-OF-WAY LINE
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	EXISTING SANITARY MANHOLE
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	EXISTING TREELINE
	PROPOSED TREELINE
	EXISTING WELL
	PROPOSED 10' CONTOUR
	PROPOSED 2' CONTOUR
	PROPOSED SPOT ELEVATION
	FAILED PERC. TEST
	PASSED PERC. TEST
	PROP. REPLACEMENT WELL
	EXISTING WELL FIELD LOCATED
	APPROVED SEPTIC AREA
	APPROVED SEPTIC AREA TO BE ABANDONED
	PROPOSED SEPTIC AREA

OWNER
HASAN A. ASKARI
6490 HEATHER GLEN WAY
CLARKSVILLE, MD 21029
(410) 781-6782

DEVELOPER
GREENFIELD HOMES, INC.
6656 LUSTER DRIVE
HIGHLAND, MARYLAND 20777
(410) 781-6782

NO.	REVISION	DATE

REVISED PERCOLATION CERTIFICATION PLAN
WILLOW POND - LOT 5
6490 HEATHER GLEN WAY
(FORMERLY PRESTWICK DRIVE)
CLARKSVILLE, MD 21029

5TH ELECTION DISTRICT
TAX MAP: 34 PARCEL: 444
DPZ REFS: F-10-106, F-09-13, F-96-170, F-89-112, F-87-174, F-79-115, SP-09-03, SP-07-011, VP-87-103, WP-09-02, PLAT 7288
BLOCK: 17
ZONED: RR-DEO
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERS, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELICOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961

DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: SEPTEMBER 2014
SCALE: AS SHOWN
W.O. NO.: 14-33

PROFESSIONAL CERTIFICATE
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 18193, EXPIRATION DATE: 08-27-2016.

1 SHEET OF 1

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
Gc	CODORUS AND HIBRO SILT LOAMS, 0 TO 3 PERCENT SLOPES	C	.37	NO
Gbb	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	B	.20	NO
Gbc	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	B	.20	NO
Gbh	GLENVILLE-SABLE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	.37	YES

NOTE: THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEPTIC EASEMENT ON LOT 5 AT WILLOW POND IN ORDER TO MOVE THE PROPOSED HOUSE MORE TOWARD THE CENTER OF THE LOT.

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

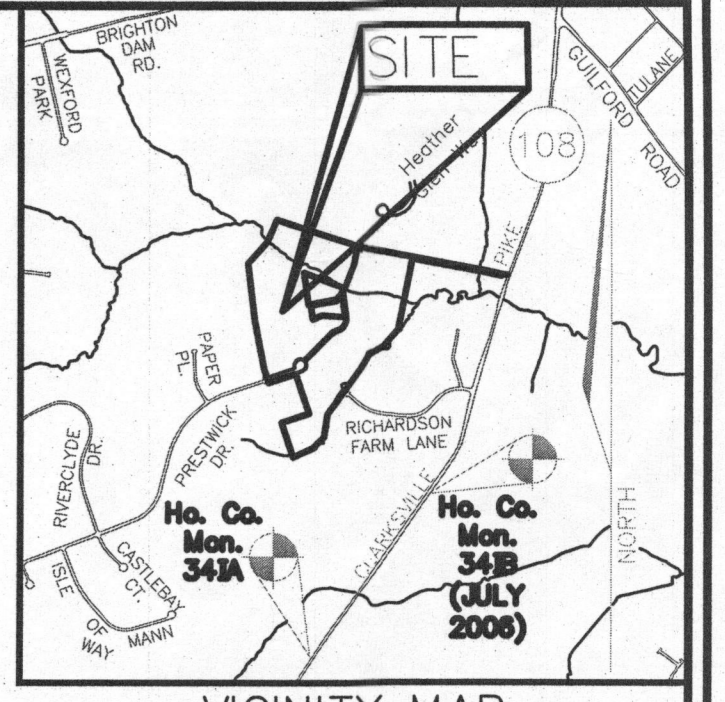
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM.

THOMAS M. HOFFMAN, JR.
LAND SURVEYOR No. 267

PLAN VIEW
SCALE: 1"=30'

- GENERAL NOTES:**
- THE PROPERTY OUTLINE IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED BY FSH ASSOCIATES DATED JULY 2006.
 - THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY FSH ASSOCIATES, DATED OCTOBER 2006.
 - ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
 - ANY CHANGE TO A PRIVATE SEWERAGE 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.



LEGEND:

---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	ADJACENT PROPERTY LINE
○	EXISTING SANITARY MANHOLE
○	EXISTING SANITARY LINE
○	EXISTING CLEANOUT
○	EXISTING FIRE HYDRANT
○	EXISTING WATER LINE
○	EXISTING 10' CONTOUR
○	EXISTING 2' CONTOUR
---	SOILS
---	EXISTING TREELINE
---	PROPOSED TREELINE
○	EXISTING WELL
○	PROPOSED 10' CONTOUR
○	PROPOSED 2' CONTOUR
○	PROPOSED SPOT ELEVATION
○	FAILED PERC. TEST
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DESIGN BY: RHV
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: SEPTEMBER 2014
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1 SHEET OF 1

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GnB	GLENVILLE-SALE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	.37	YES

SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
 HOWARD COUNTY SOILS MAP NUMBER 16 - CLARKSVILLE NW

NOTE:
 HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT

PLAN VIEW
 SCALE: 1"=30'

NOTE:
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THOMAS M. HOFFMAN, JR.
 LAND SURVEYOR No. 267

9/26/14
 DATE

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