



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

APR 523126

AGENCY REVIEW: _____

DATE 8/12/05

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 5 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) NEAL & LINDA YHELPS

DAYTIME PHONE 410 443-367-0422 CELL _____

FAX _____

MAILING ADDRESS 13760 TRIADDELPHIA MILL ROAD CLARKSVILLE, MD. 21029
STREET CITY/TOWN STATE ZIP

APPLICANT: DONALD R. REOWER - LAND DESIGN & DEV. LLC

DAYTIME PHONE 443-367-0422 CELL _____

FAX 443-367-0420

MAILING ADDRESS 5300 DORSEY MILL DR. ELLICOTT CITY, MD 21042 #102
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME YHELPS SITE LOT NO. 1

PROPERTY ADDRESS 13760 TRIADDELPHIA MILL RD CLARKSVILLE, MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 19 PARCEL(S) 300 L. 7 PROPOSED LOT SIZE 3 AC ±

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 PERIC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

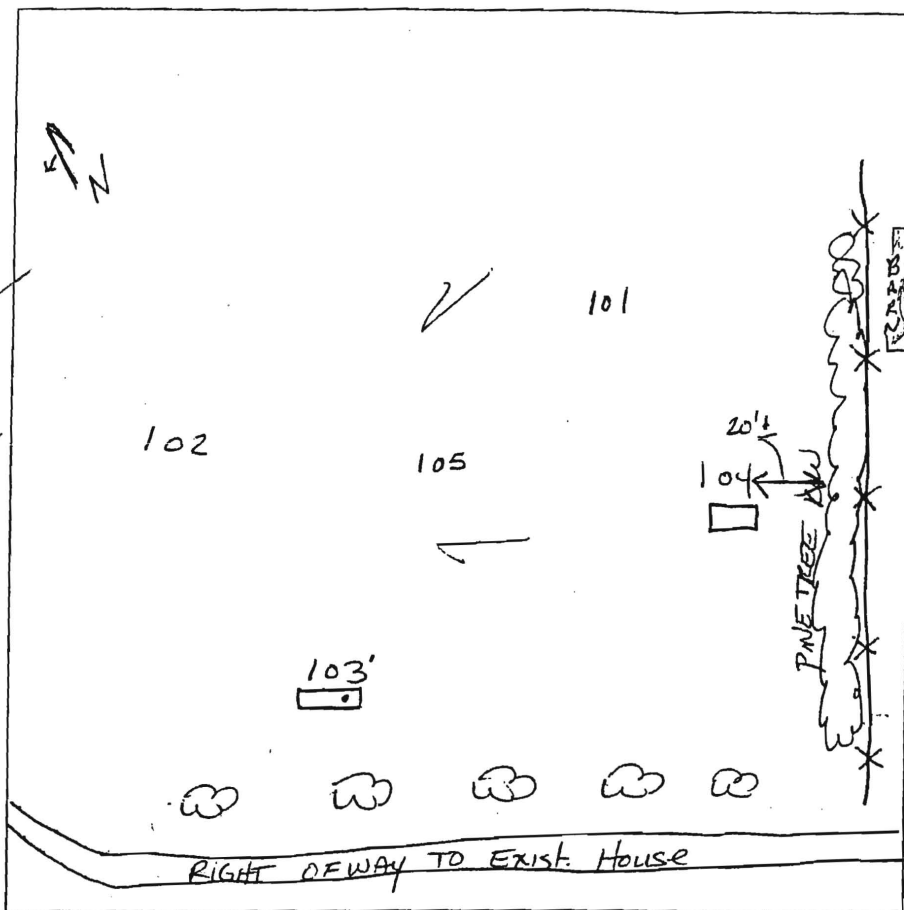
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

103
wk org brn
to 1', wk ybrn
to 2 1/2', then
SCL to 3'
(LOAM ABOVE)
3'
cobble lens
to 10-15%
Sloam
micac
lt brn
C.W.
Fine sand
NO Rock
below 3 1/2'
Bottom 10'

104
ybrn
CL
wk rd
micac.
Loam
compact
S.G.
4'
brn
wk rd
(ASL)
chert ~ 10%
Some roots
to 7'
Bottom 11'

105
org brn
micac
Loam, pockets
of SCL
2'
transition
LOAM, micac
3 1/2'
wk red
F-med gr
L Sand
micaceous
Chert
pocket on
West corner
7'-8 1/2'
Bottom 12'



102
ybrn
hug L pockets
of SCL
r. blons
1/2" micac
Cobbles, stony
~ 15-20%
5'
distinct
break
w/ Krd micac.
SL
3pl, stony
compacted
w. SCL
distinct Mn aggregates
12 1/2' Bottom

Mottled
@ 12 1/2'
str yellow
Matrix
w/ strong
red &
black
aggregates

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/6/05	103	3 1/2' / 10'	9:08	9:09	9:10+	SOILS DRY 22	P
	104	4' / 11'	9:21	9:22+	9:24+	2+	P
	Repour		9:25	9:28	9:32	4	OK
DOUBLE SHELF	105	4 1/2'	9:43	9:45	9:48	3	P
		7'	9:44	9:49	9:56	7	P
		compaction over soils @ 7' more influential than the platy structure seen? Expected					
		faster rate & slower rate @ 4 1/2' - ON THE CONTRARY					
	102	5 1/2'	9:57	10:00	10:03	3	P
	101	Visual					P

101 OK
SCL
ybrn
micac
Loam
to 4 1/2'
4 1/2'
SCL lt brn
Chert 10%
9'
Rock vein
running
E/W
13'

REMARKS Very dry soil, very micac soils 30%+

SANITARIAN Kacie BACKHOE Johnson OTHERS R. Webster

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

A/P _____

123

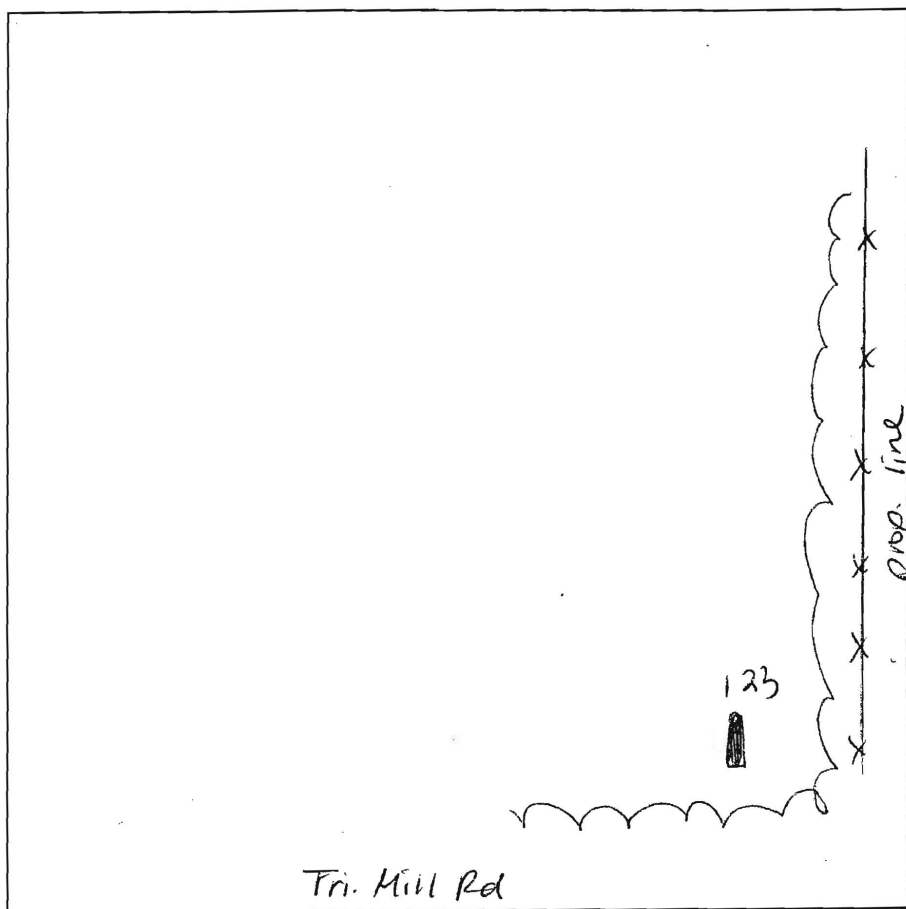
6" brn l
micaceous
brn scl

3' micaceous
red brn scl

7' red brn
fsl
sapnite
micaceous

↓

13' dk brn fsl

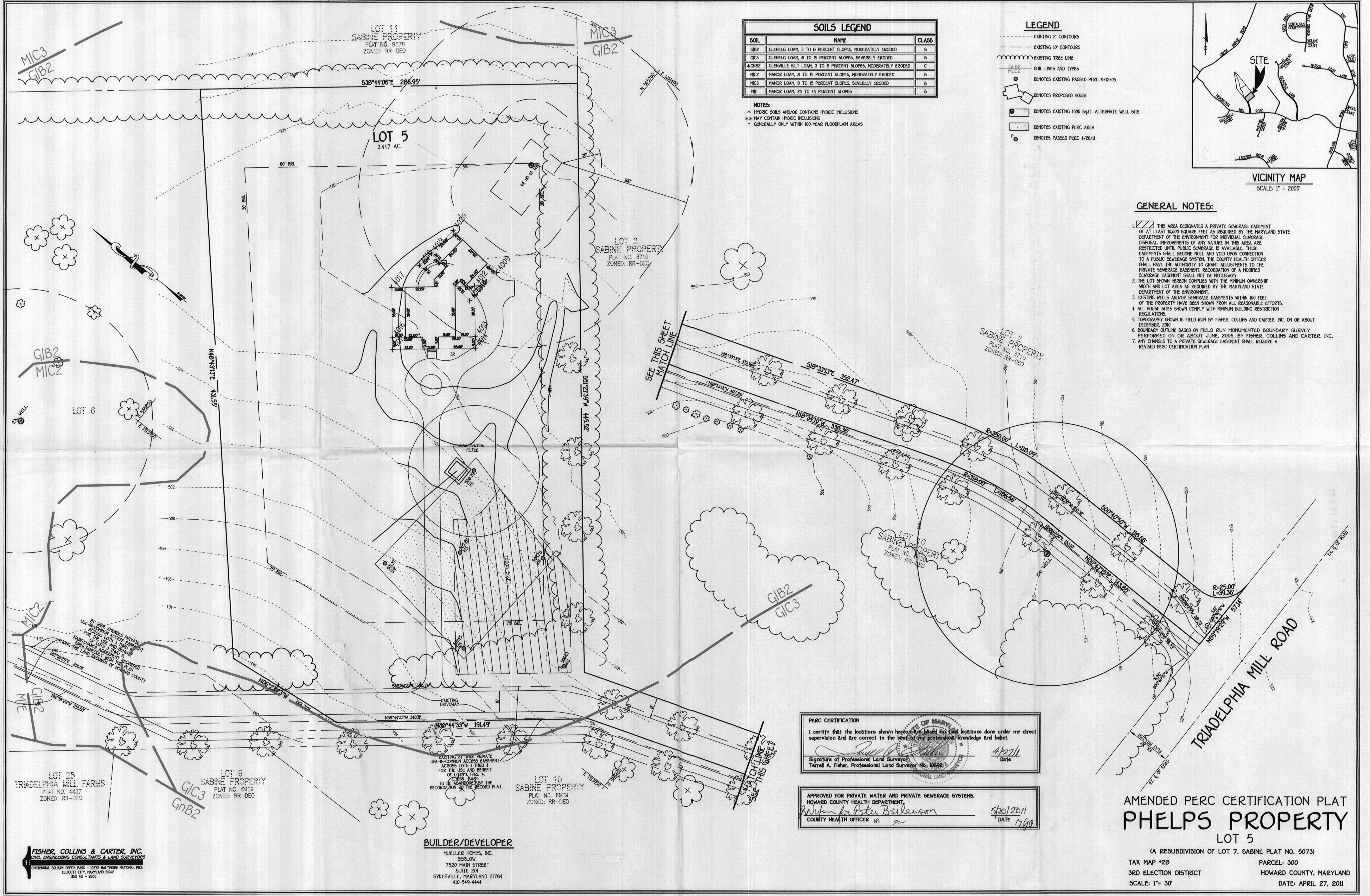


DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4-20/11	123	3.5'/13'	9:05	9:07	9:10	3+	P

REMARKS soils consistent to 13'SANITARIAN HS BACKHOE South Carroll OTHERS Kenny

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

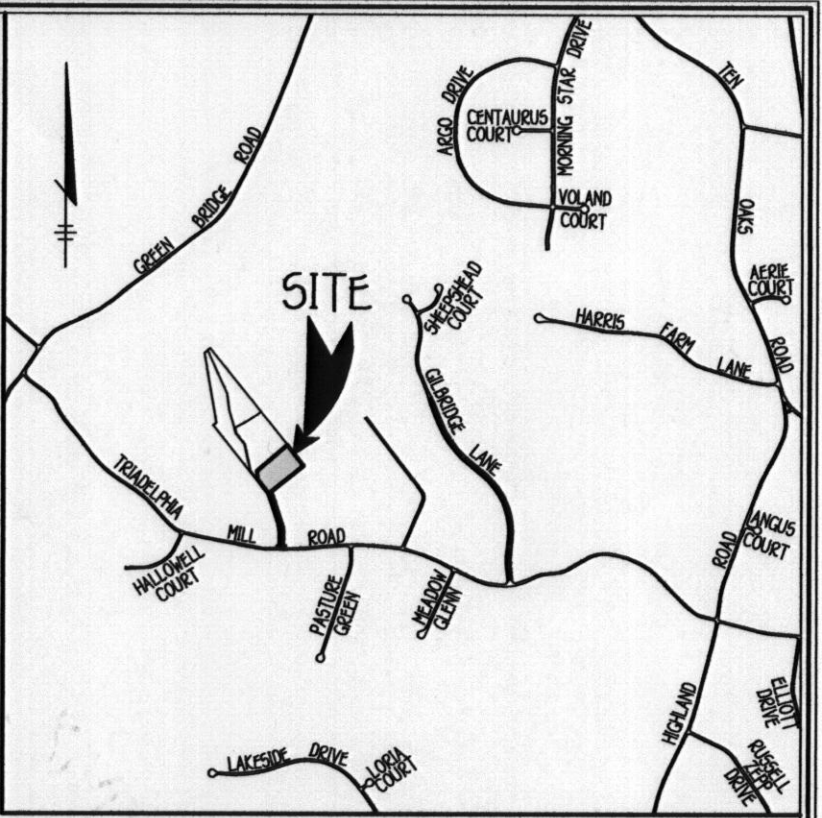
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



SOILS LEGEND		
SOIL	NAME	CLASS
GIB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
GIC3	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B
*GIB2	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	C
MIC2	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
MIC3	MANOR LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B
ME	MANOR LOAM, 25 TO 45 PERCENT SLOPES	B

NOTES:
* HYDRIC SOILS AND/OR CONTAINS HYDRIC INCLUSIONS
** MAY CONTAIN HYDRIC INCLUSIONS
† GENERALLY ONLY WITHIN 100-YEAR FLOODPLAIN AREAS

- LEGEND
- EXISTING 2' CONTOURS
 - EXISTING 10' CONTOURS
 - EXISTING TREE LINE
 - GIB2, GIC3 SOIL LINES AND TYPES
 - DENOTES EXISTING PASSED PERC 8/12/05
 - DENOTES PROPOSED HOUSE
 - DENOTES EXISTING 1500 Sq.Ft. ALTERNATE WELL SITE
 - DENOTES EXISTING PERC AREA
 - P ● DENOTES PASSED PERC 4/26/11



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET 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 SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER, COLLINS AND CARTER, INC. ON OR ABOUT DECEMBER, 2010.
- BOUNDARY OUTLINE BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JUNE, 2006, BY FISHER, COLLINS AND CARTER, INC.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN

PERC 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.

Signature of Professional Land Surveyor: *Terrell A. Fisher*
Terrell A. Fisher, Professional Land Surveyor No. 10692

Date: 4/27/11

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT

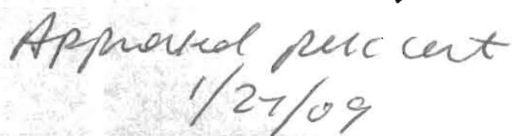
Signature of Peter Beilenson
COUNTY HEALTH OFFICER

Date: 5/20/2011

AMENDED PERC CERTIFICATION PLAT
PHELPS PROPERTY
LOT 5
(A RESUBDIVISION OF LOT 7, SABINE PLAT NO. 5073)
TAX MAP #28
3RD ELECTION DISTRICT
SCALE: 1"= 30'
PARCEL: 300
HOWARD COUNTY, MARYLAND
DATE: APRIL 27, 2011

BUILDER/DEVELOPER
MUELLER HOMES, INC.
BERLOW
7520 MAIN STREET
SUITE 201
SYKESVILLE, MARYLAND 21784
410-549-4444

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKE
ELICOTT CITY, MARYLAND 21042
(410) 488 - 2895

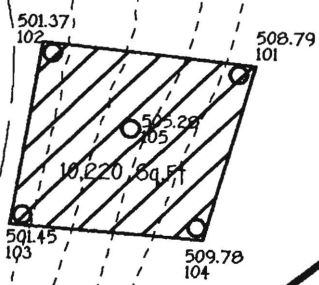


Lot 2
4.89 Ac±

EXISTING
PERC PER
PLAT NO. 5073

G1B2

Lot 1
3.18 Ac±



562°23'54"E 446.79'

LOT 2
SABINE PROPERTY
PLAT # 3710

LOT 1
SABINE PROPERTY
PLAT # 3710

WELL IS MORE THEN
200 FEET AWAY

G1C3

Copy of
Signed PC A523126
6/21/06

R=25.00'
L=39.26'

R=25.00'
L=39.26'

Tri. Mill