

MOUND TEST DATA SHEETS

Property I.D. Homewood Crossing Lot # 88 Date 4/18/07

Sanitarian OT Landscape Position _____

% Slope _____ Soil Type _____ Contractor Fogles

HOLE # 16923 DEPTH OF TEST 18" START TIME 10:27

P

DK Bm L
1fsbk

DK Bm L
2fsbk
micaceous

Bm dense
CL dm

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	0			
10 10/16	15	6/16		
10 7/16	30	3/16		
10 4/16	45	3/16		
10 1/16	100	3/16		
9 14/16	75	3/16		

HOLE # 16929 DEPTH OF TEST 18" START TIME 10:44

P

DK Bm L
1fsbk

RDBm
gr FSCL
2msbk

Bm CL
dm

Pale Bm
CL
micaceous
dm

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	0			
9 11.5/16	15	14.5/16		
8 15/16	30	12.5/16		
8 7/16	45	12/16		
7 5/16	100	13/16		

MOUND TEST DATA SHEETS

Property I.D. Patuxent Chase Lot 88 Lot # 88 Date 11-9-10

Sanitarian HS Landscape Position _____

% Slope _____ Soil Type ChB2 Contractor Fogles

HOLE # 222 DEPTH OF TEST 18" START TIME 9:35

10"
15"
26"
38"
5'

brn ^{100%} scl
1msbk

brn scl
HSBK

brn ce
Ø massive

yellow/red
brn scl

yellow brn
scl 10%
quartz

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/116	Ø			
9 6/116	15	1 10/116	9.2mp	
8 4/116	15	1 18/116	13mp	
7 2/116	15	1 18/116	13mp	
6 4/116	15	1 14/116	17mp	
4 2/116	15	2 39/116	7mp	

9:50
10:05
10:20
10:35
10:50

17mp (P)

HOLE # 223 DEPTH OF TEST 24" START TIME 10:05

12"
24"
36"
4.5'

brn e
heavy

red brn
grl
1msbk

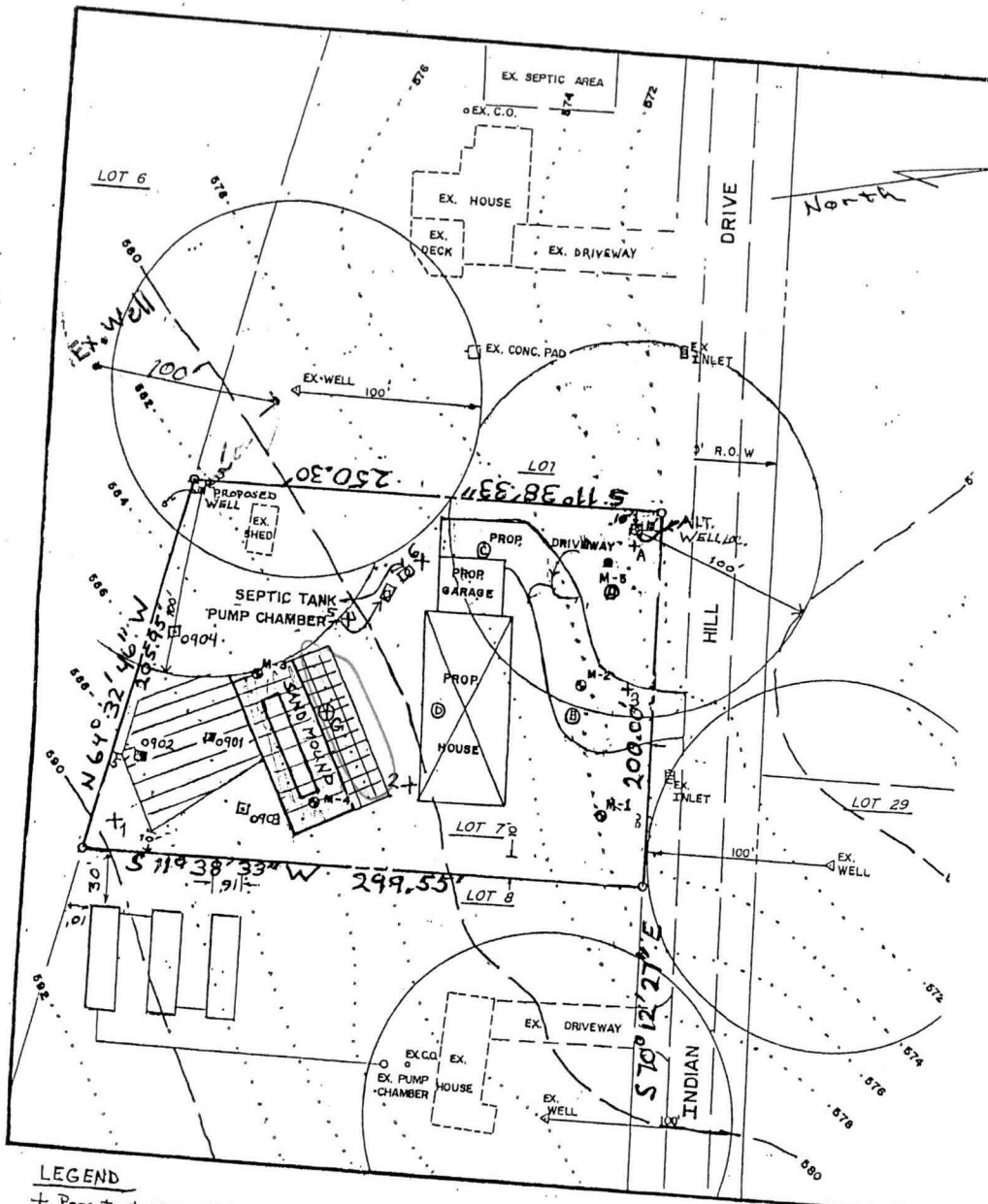
brn ce
Ø
small quartz
frags

org brn
scl

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/116	Ø			
10 14/116	15	Ø		
10 15/116	15	1 12/116		
10 15/116	15	Ø		

10:20
10:35
10:50
11:05

FAILED



- LEGEND**
- + Perc test FAIL, 9/2/04
 - ⊕ Perc test PASS, 9/2/04
 - ⊙ Profile described, 11/30/04

- Sand Mound, Fail (Spring 2005)
- ⊙ Sand Mound, Pass (Spring 2005)
- ⊠ Perc. test, FAIL 4/16/2009
- ⊡ Perc. test, PASS 4/16/2009

⊠ Sand Mound Treatment area
Protect from rutting or compaction; NO GRADING

⊡ Conventional Septic System

Scale: 1 inch = 100 feet

NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS 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.
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
4. THE WELL SHALL BE DRILLED PRIOR TO SUBMITTAL OF THE BUILDING PERMIT APPLICATION AS THE SURVEYED LOCATION OF THE WELL MUST BE SHOWN ON THE SITE PLAN.
5. TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED BY S/E ENGINEERING, INC (JANUARY 2005).
6. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN BARRIER AT ALL TIMES DURING GRADING AND CONSTRUCTION ACTIVITIES. THEREAFTER PROTECTIVE MEASURES SHOULD BE IMPLEMENTED TO PROTECT THIS AREA FROM EROSION, RUTTING OR COMPACTION. SUBSEQUENT BUILDING PERMIT APPLICATIONS MAY BE DENIED SHOULD THE SAND MOUND AREA BE EVALUATED AND FOUND UNSATISFACTORY FOR THE INTENDED USE.
7. AN ADVANCED PRE-TREATMENT SYSTEM, WHICH UTILIZES BEST AVAILABLE TECHNOLOGY TO PERFORM NITROGEN REDUCTION, MUST BE INSTALLED ON THE SEPTIC SYSTEM LOCATED ON THE SUBJECT PROPERTY DUE TO INSUFFICIENT SOIL RESOURCES TO SUPPORT THREE DRAINFIELD SYSTEMS. A SUPPLEMENTAL SITE PLAN WITH ALL OF THE NECESSARY DETAILS FOR INSTALLATION OF THE SYSTEM WILL BE REQUIRED PRIOR TO THE RELEASE OF THE BUILDING PERMIT AND SEPTIC SYSTEM INSTALLATION PERMIT. IN ADDITION, AN OPERATION AND MAINTENANCE CONTRACT AGREEMENT MUST BE FILED WITH HOWARD COUNTY LAND RECORDS PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.
9. THE SUBJECT PROPERTY HAS A LIMITATION OF 3 BEDROOMS. IF MORE BEDROOMS ARE DESIRED THE HEALTH DEPARTMENT WILL CONSIDER A TECHNICAL DESIGN SHOWING THAT THE SAND MOUND AREA WILL ACCOMMODATE A SYSTEM DESIGN ADEQUATE FOR THE AMOUNT OF WASTEWATER DISCHARGE FROM THE PROPOSED STRUCTURE.

**PERCOLATION CERTIFICATION PLAN
INDIAN HILL SUBDIVISION, LOT 7
Tax Map 9, Parcel 136, Lot 7**

OWNERS: RONALD AND CHIQUITA PHILLIPS
12561 INDIAN HILL DRIVE
SYKESVILLE, MD 21784

PC 530311

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] 4.21.09
(SIGNATURE) (DATE)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
[Signature] for Peter Brulensen 5/20/2009
(SIGNATURE)