

# APPLICATION

PERCOLATION TESTING

A516525

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

P. \_ \_ \_

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 S

PROPERTY OWNER EDWINA S. DASCHUK

ADDRESS 10290 CAVEY LANE PHONE 410.465.8298

AGENT OR PROSPECTIVE BUYER HAILEY DEVELOPMENT, LC

ADDRESS 3905 NATIONAL DRIVE, SUITE 105 PHONE 301.476.7715

PROPERTY LOCATION:

SUBDIVISION DASCHUK PROPERTY LOT NO. 2, 3 <sup>Pres Parc. F</sup>

ROAD AND DESCRIPTION CAVEY LANE

TAX MAP 11 PARCEL # 32

SIZE OF LOT 1 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 UNDERST

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AC

COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Prise Agent  
(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

0' (610)  
org, red  
Micaceous  
Loam  
Rx ≈ 5%

7'  
beige  
grey  
fine  
SAND  
Rx 10-15%

Bottom 13 1/2'

(611A) SE  
bm  
Micaceous  
Loam  
10-15%  
33"

5'  
tan  
greyish  
beige  
sand  
25-35%  
Rx

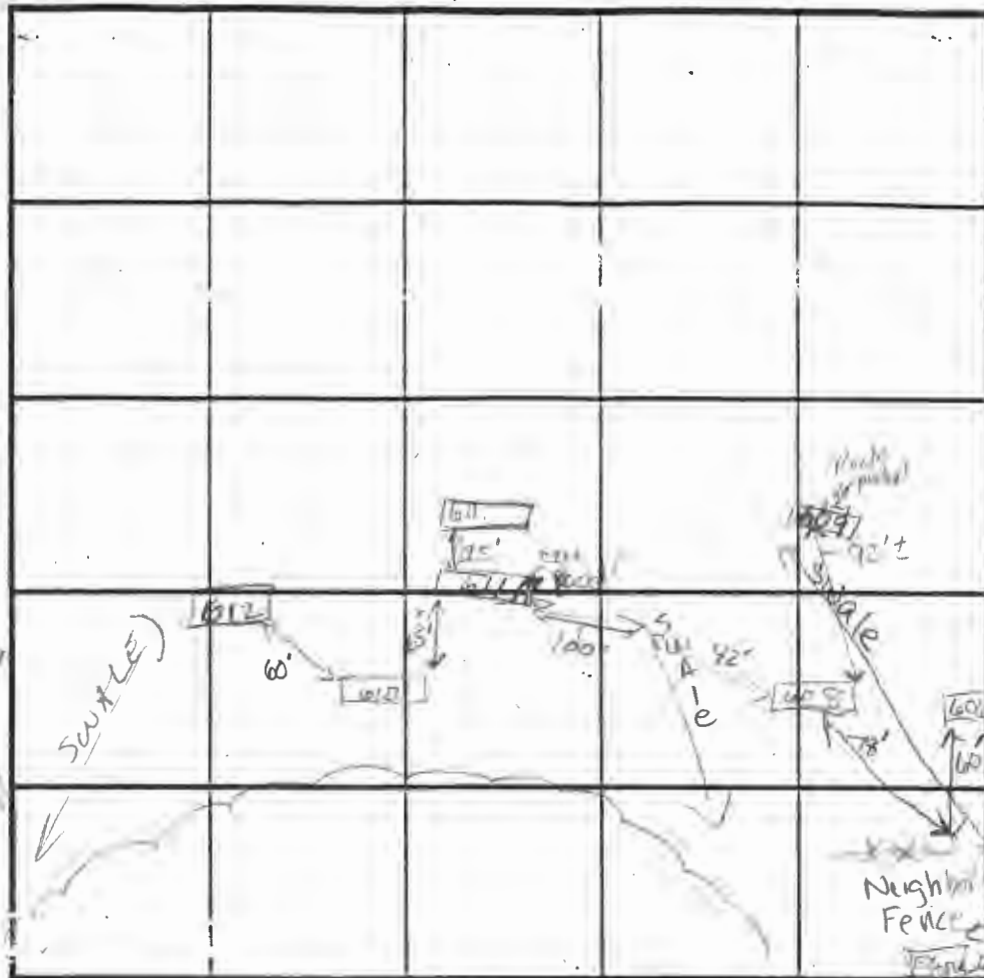
HARD Bottom 12'

608

Micaceous  
clay

Micaceous  
Loam

5 1/2'  
fine sand  
beige  
Trace  
Rock



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

## SOIL PROFILE

0' (609)  
14 org brn  
lm - sil m  
10-15%

5'  
beige  
tan  
sand  
lm

30-35%  
HARD  
saprolite  
platy

Bottom 13 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-1-02	610	4'5" 8' M	1:51:53 1:44:24	1:53:03 1:47:00	1:53:03 1:47:16	1:54:21 1:50:05	OK
		yes top went in					
	611	4'10" Refused 2x rock @ 4'					(F)
	611A	4'5"	2:03:39	2:06:37	2:06:37	2:10	4
		2' M 12' V			2:05:05	2:08:45	3 min
	608	Visual					OK
	SHELVED 609	7' m	2:24:31	2:25:22	2:25:22	2:26:35	
	IN THE Rock	3'5" 12x12 13 1/2'	2:33:40	2:35:42	2:35:42	2:38	3 min
		7' 12x12 7' m	2:31:50	2:34:32	2:34:32	2:38	4 min

REMARKS (611A) Not Per plan

TYPE OF SOIL

TESTED BY K. C. C.

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

# APPLICATION

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3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

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 EDWINA S. DASCHUK

ADDRESS 10290 CAVEY LANE PHONE 410.465.8298

AGENT OR PROSPECTIVE BUYER HAILEY DEVELOPMENT, LC

ADDRESS 3905 NATIONAL DRIVE, SUITE 105 PHONE 301.476.7715

PROPERTY LOCATION:

SUBDIVISION DASCHUK PROPERTY LOT NO. 21 <sup>P. Parcel F</sup> 3

ROAD AND DESCRIPTION CAVEY LANE

TAX MAP 11 PARCEL # 32

SIZE OF LOT 1 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. INSEE AGENT  
(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

NOT TO SCALE

COUNTY #

SOIL PROFILE

(606)

hvy Lm

lg Rock  
Frag 15%  
Lm-silm

SLm  
grey  
rd brn

Mini bould

30-35%  
Rx  
Bottom

(607)

br, tan  
Loam

fine  
beige  
sand

Micaceous  
Rx  
20-25%

Bottom

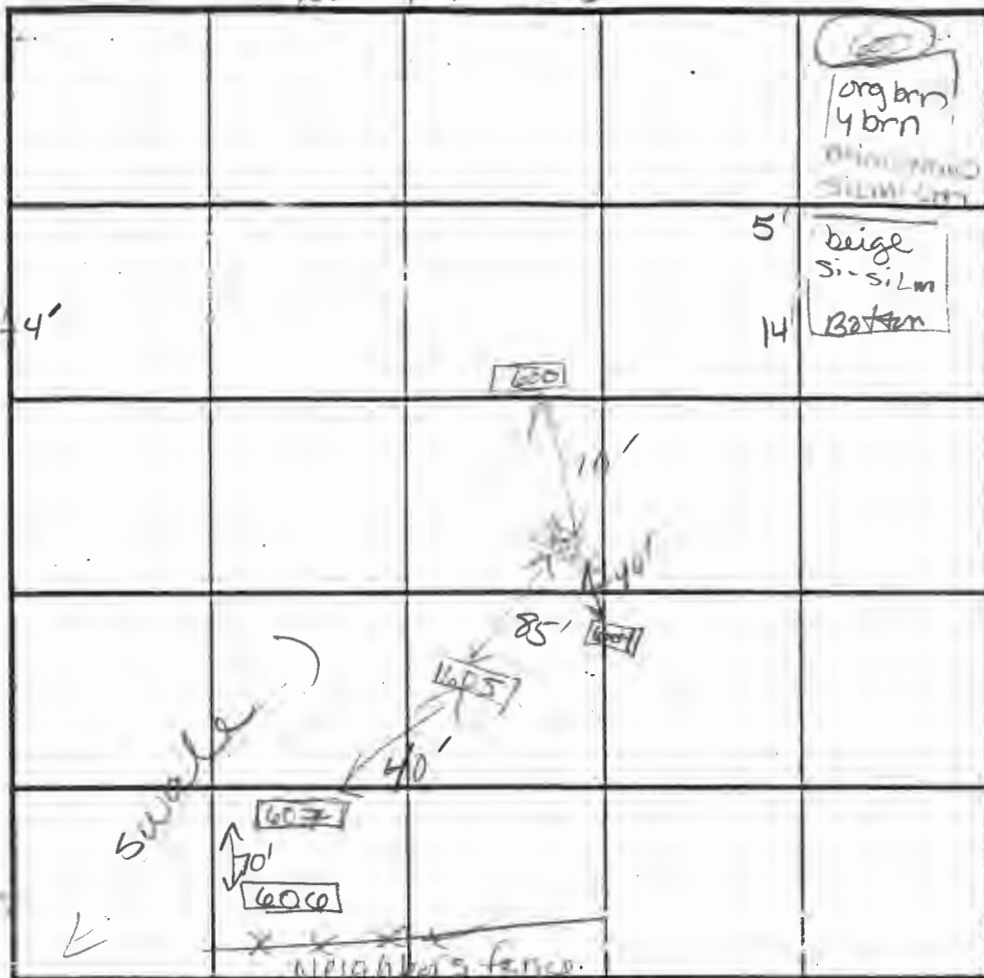
(605)

strong  
brn  
micaceous  
Lm

beige  
fine  
SAND

Rx 5-10%

Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

(609)

org brn  
hvy Lm

Si Lm  
Trace  
Rock

massive  
fine Lm

blue  
grey  
sand  
Rx  
5-10%  
small  
sing

(602)

strong  
rd brn  
CL Lm  
DENSE

beige, micaceous  
Si Lm  
Trace Rx  
Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - T DROP		TIME
			START	STOP	START	STOP	
5-1-02	606	8'S	3:17	3:20	3:20	3:26	OK
	OK @ 4'						
12x12	607	8'M	3:05:40	3:07:06	3:07:06	3:09:25	OK
		3 1/2'S	3:08:40	3:10:33	3:10:33	3:17:00	7 min OK
	605	Visual	SEE SOIL PROFILE	603	14' V	AT 4' EST. 4 min	OK
	604	4' 3" V	3:33:14	3:35:00	3:35:00	3:39:00	4 min OK
	602	5'S	3:44:27	3:46:58	3:46:58	3:49:44	2+ min OK
	600	Visual	SEE SOIL PROFILE	603			OK

REMARKS Holes per plan

TYPE OF SOIL

TESTED BY Goodeking

ALSO PRESENT Ratterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

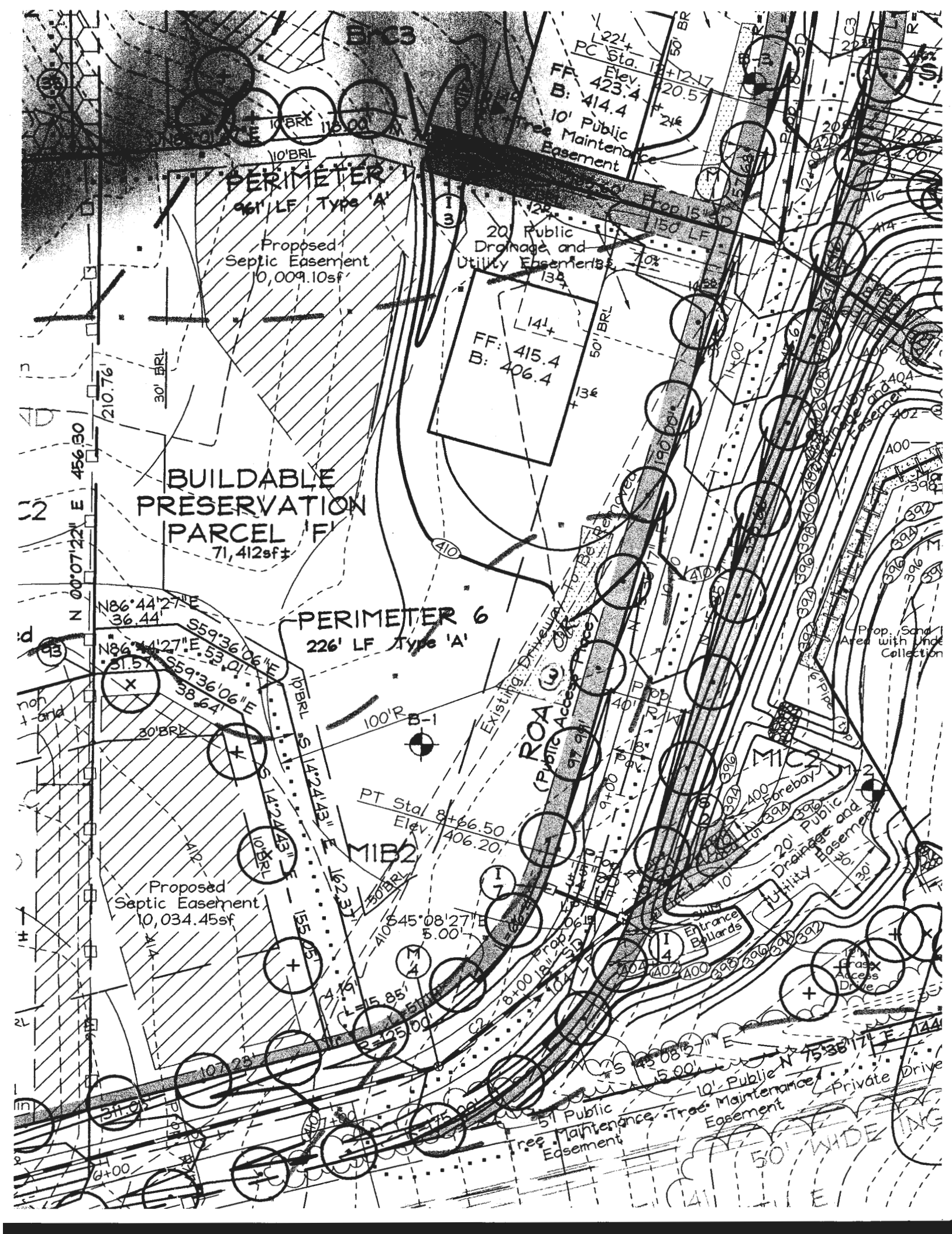
TRENCH WIDTH

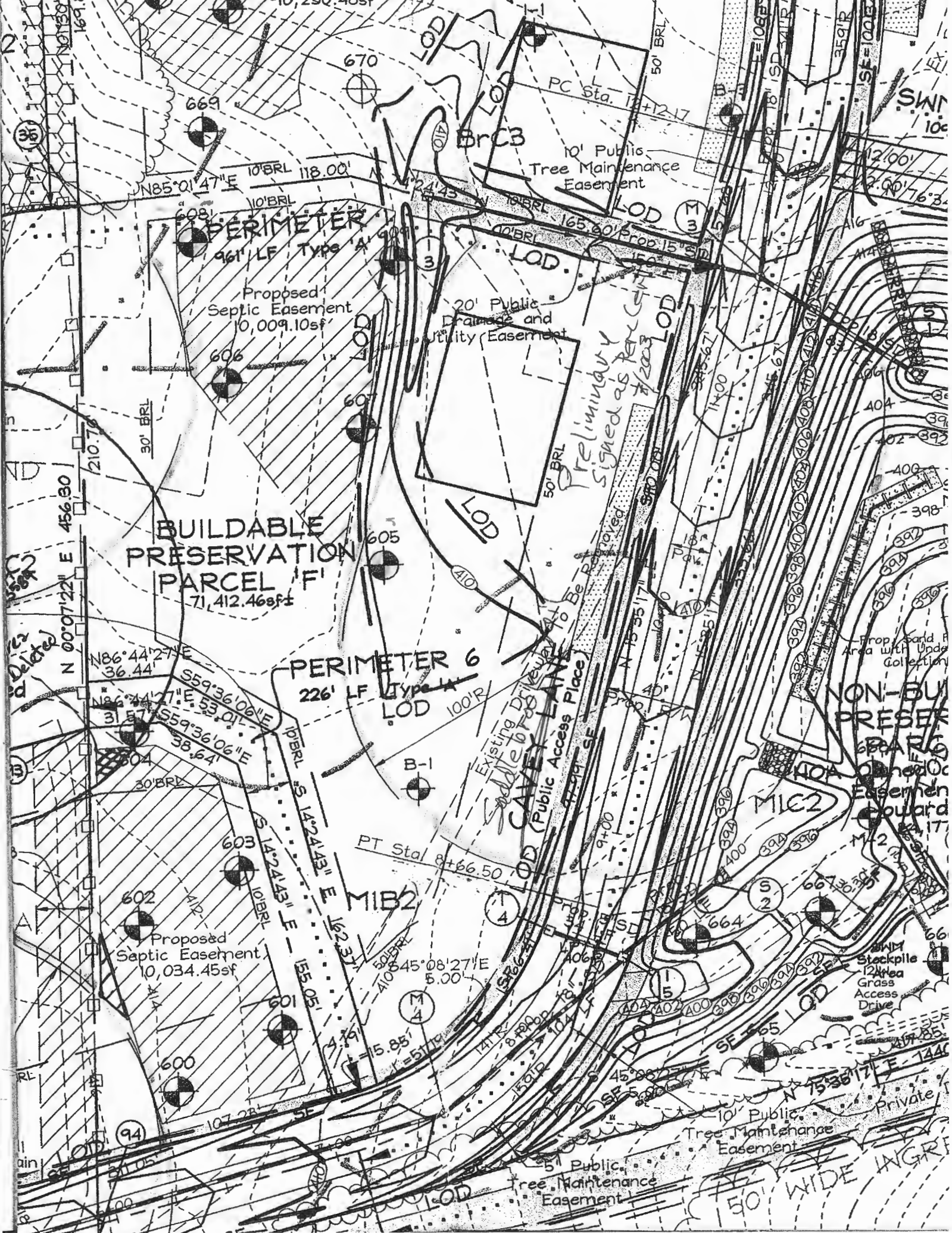
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM







**BUILDABLE  
PRESERVATION  
PARCEL 'F'**  
71,412.46sf±

**PERIMETER 6**  
226' LF Type A  
LOD 100'R

Proposed  
Septic Easement  
10,034.45sf

20' Public  
Drainage and  
Utility Easement

10' Public  
Tree Maintenance  
Easement

**NON-BUILDABLE  
PRESERVATION  
PARCEL 'G'**  
10,000.00sf±

10' Public  
Tree Maintenance  
Easement

5' Public  
Tree Maintenance  
Easement

*Preliminary  
Signed as per*

*Existing Driveway to Be Relocated  
CARRY LANE  
(Public Access Place)*

50' WIDE INGRESS

MATCHLINE

Natural Conservation  
Stormwater Management  
Credit Easement

Forest Conservation  
Easement# 2  
Total area: 3.03 Acres  
Area this sheet: 0.81 Acres  
Retaining 2.89 Acres  
Planting 0.14 Acres

Non-Buildable  
Preservation  
Parcel 'A'

Privately Owned and  
Maintained Easement  
Holders: Howard County  
and HOA

Total area: 3.223 Act  
Area this sheet: 0.834 Act

AXEL FD

Non-Buildable  
Parcel 'E'

For Future Access  
to Parcel 18  
Privately Owned  
and Maintained (2.36' W OF LINE)  
4,776 sft or 0.110 Act

202.46'  
30' BRL  
20' Private  
Access Easement  
for Adjacent  
Parcel 18

LOT 1  
52,795 sft

Buildable  
Preservation  
Parcel 'B'

Privately Owned  
and Maintained  
H.O.A. and  
Howard County  
71,412 sft or  
1.639 Act

SADDLEBROOK

FARM TRAIL  
(Public Access Place)

Non-Buildable  
Preservation  
Parcel 'D'

HOA Owned and  
Maintained  
Easement Holder:  
Howard County

Forest  
Conservation  
Easement# 1  
0.35 Acres  
Retaining 0.35  
Acres

LOT 10  
49,301 sft

LOT 12  
49,581 sft

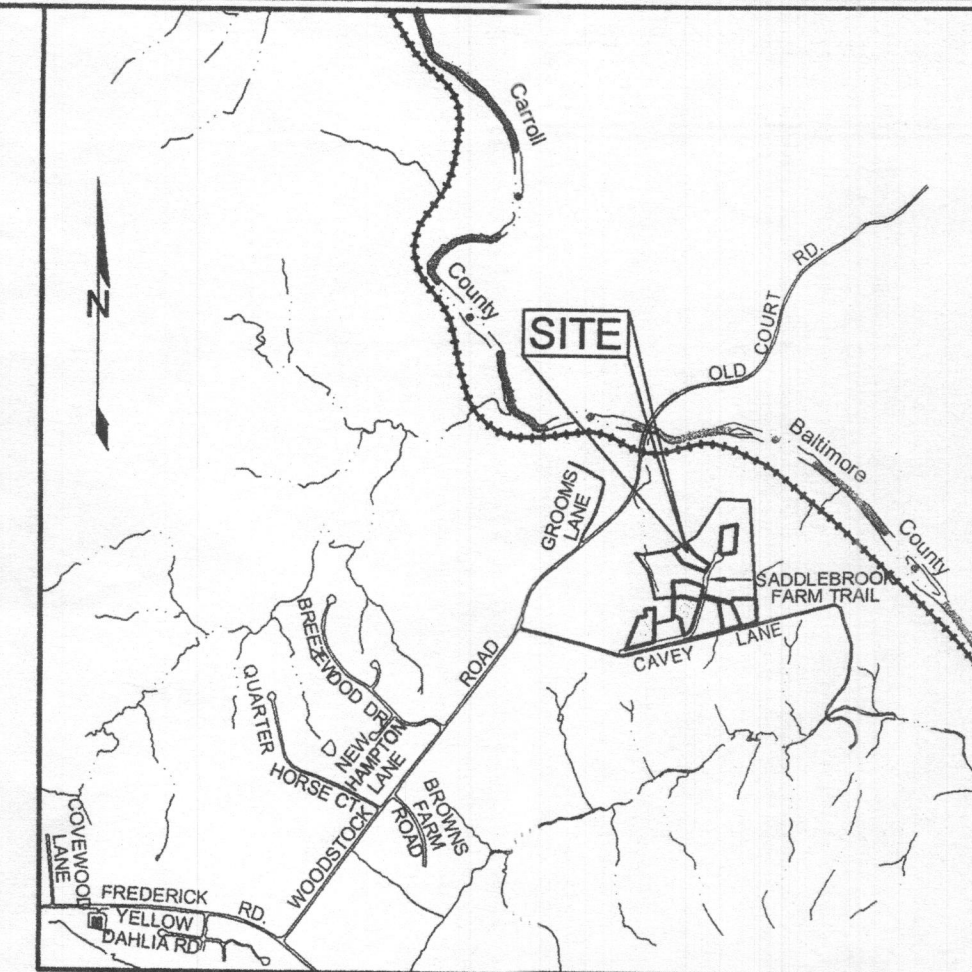
Final Plat (copy)  
Signed Oct 2006



SEPTIC AREA CHART		
LOT / PARCEL	PREVIOUSLY APPROVED AREA	NEW AREA
PARCEL 36	10,074 SQ. FT.	10,076 SQ. FT.
PRES. PARCEL F	10,009 SQ. FT.	10,010 SQ. FT.

# LEGEND

EXISTING CONTOUR	---
PROPOSED CONTOUR	---
EXISTING SPOT ELEVATION	382.3
PROPOSED SPOT ELEVATION	382.3
DIRECTION OF FLOW	→
EXISTING TREELINE	---
PROPOSED TREELINE	---
EXISTING TREE	○
EXISTING TREE TO BE REMOVED	⊗
EXISTING PERCOLATION TEST HOLE, PASSED	101
EXISTING PERCOLATION TEST HOLE, FAILED	109
SOIL BOUNDARY	---
SANITARY CLEANOUT	○



VICINITY MAP  
SCALE: 1"=200'

## GENERAL NOTES

- SUBJECT PROPERTY ZONED RC-DEO PER 02/02/04 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF PARCELS = 3.38 AC ± (147,680 SQ. FT.)
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT, OF AT LEAST 10,000 SF AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.05). 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 SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- BOUNDARY SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PREPARED BY FSH, DATED FEBRUARY 2002.
- TOPOGRAPHY IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY FSH, DATED FEBRUARY 2002 AND ROAD GRADING PROPOSED UNDER F-08-042. OFF-SITE AND NON-CRITICAL TOPOGRAPHY IS BASED ON HOWARD COUNTY AERIAL TOPOGRAPHIC MAPS WITH 5 FOOT CONTOURS.
- PROPERTY ADDRESS: 10111 & 10141 SADDLEBROOK FARM TRAIL
- DEED REFERENCE: LIBER 8920, FOLIO 421
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THE EXISTING WELLS SHOWN ON THIS PLAN, WELL TAG #95-0333, #95-0343, #95-0505, AND WELL NOT TAGGED ON PARCEL 36, HAVE BEEN FIELD LOCATED BY SILL, ADCOCK & ASSOCIATES, LLC IN APRIL 2010 AND ARE ACCURATELY SHOWN.
- ANY ADDITIONAL CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN-GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN FIELD LOCATED.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED FOREST CONSERVATION EASEMENT AREAS.
- THERE ARE NO WETLANDS, FLOODPLAINS, HISTORIC STRUCTURES OR CEMETERIES LOCATED ON-SITE.
- FOREST CONSERVATION HAS BEEN PROVIDED FOR THESE LOT UNDER F-08-042. PARCEL 36 WILL FILE A NOTICE OF INTENT FOR CLEARING LESS THAN 40,000 SQ. FT. OF FOREST.
- 68233 DENOTES PUBLIC FOREST CONSERVATION EASEMENT. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.120 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT, HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENTS ARE ALLOWED.
- THE PURPOSE OF THIS PLAN IS TO REVISE THE SEPTIC EASEMENTS FOR THE PROPOSED DWELLINGS ON PARCEL 36 AND PRESERVATION PARCEL F.



## OWNER

SHALEHEARTH, L.C.  
6820 ELM STREET, SUITE 200  
MC LEAN, VIRGINIA 22101  
703.734.9730

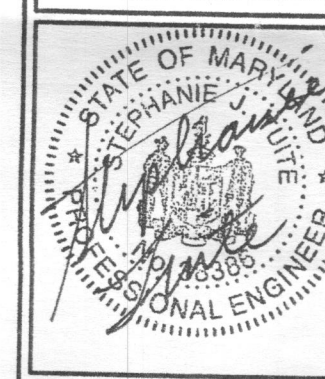
## DEVELOPER

NV HOMES  
6085 MARSHALEE DRIVE, SUITE 130  
ELK RIDGE, MARYLAND 21075  
410.379.5956

## AMENDED PERC CERTIFICATION PLAN SADDLEBROOK FARM PARCEL 36 & PRESERVATION PARCEL F

TAX MAP 11 GRID 13  
3RD ELECTION DISTRICT

PARCELS 36 & 19  
HOWARD COUNTY, MARYLAND



**Sill · Adcock &  
Associates · LLC**  
Engineers · Surveyors · Planners  
3300 North Ridge Road, Suite 160  
Ellicott City, Maryland 21043  
Phone: 443.325.7682 Fax: 443.325.7685  
Email: info@silladcock.com

DESIGN BY: SJT  
DRAWN BY: SJT  
CHECKED BY: PS  
SCALE: 1"=50'  
DATE: JULY 13, 2010  
PROJECT #: 10-018  
SHEET #: 1 of 1

## SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP
GbB	GLADSTONE LOAM, 3 TO 6 PERCENT SLOPES	B
GmB	GLENVILLE SILT LOAM, 3 TO 6 PERCENT SLOPES	C

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

BRUCE A. BILKOWSKI 7/23/2010  
COUNTY HEALTH OFFICER  
HOWARD COUNTY HEALTH DEPARTMENT

PROFESSIONAL CERTIFICATION: 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. 36386, EXPIRATION DATE: JANUARY 12, 2012.