



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 522008-6

AGENCY REVIEW: \_\_\_\_\_

DATE 3/4/05

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 \_\_\_\_\_ 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) C. EDGAR PUGH, JR

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 2289 MCKENDREE ROAD WEST FRIENDSHIP MD 21794  
STREET CITY/TOWN STATE ZIP

APPLICANT BENCHMARK ENGINEERING, INC.

DAYTIME PHONE 410-465-6105 CELL \_\_\_\_\_ FAX 410-465-6644

MAILING ADDRESS 8480 BALT. NATIONAL PIKE, SUITE 418 ELLICOTT CITY MD 21043  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME MCKENDREE VIEW LOT NO. 778

PROPERTY ADDRESS 2289 MCKENDREE ROAD WEST FRIENDSHIP MD 21794  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 41 & 42 GRID 1,6,7 & 12 PARCEL(S) 54 PROPOSED LOT SIZE 1.0 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 PERC CERTIFICATION PLAN.

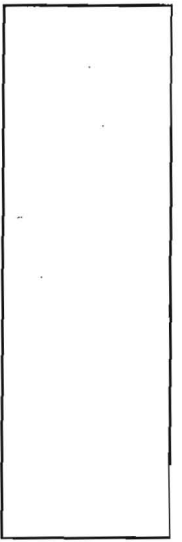
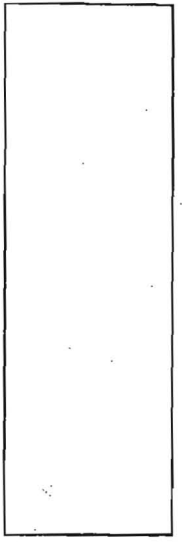
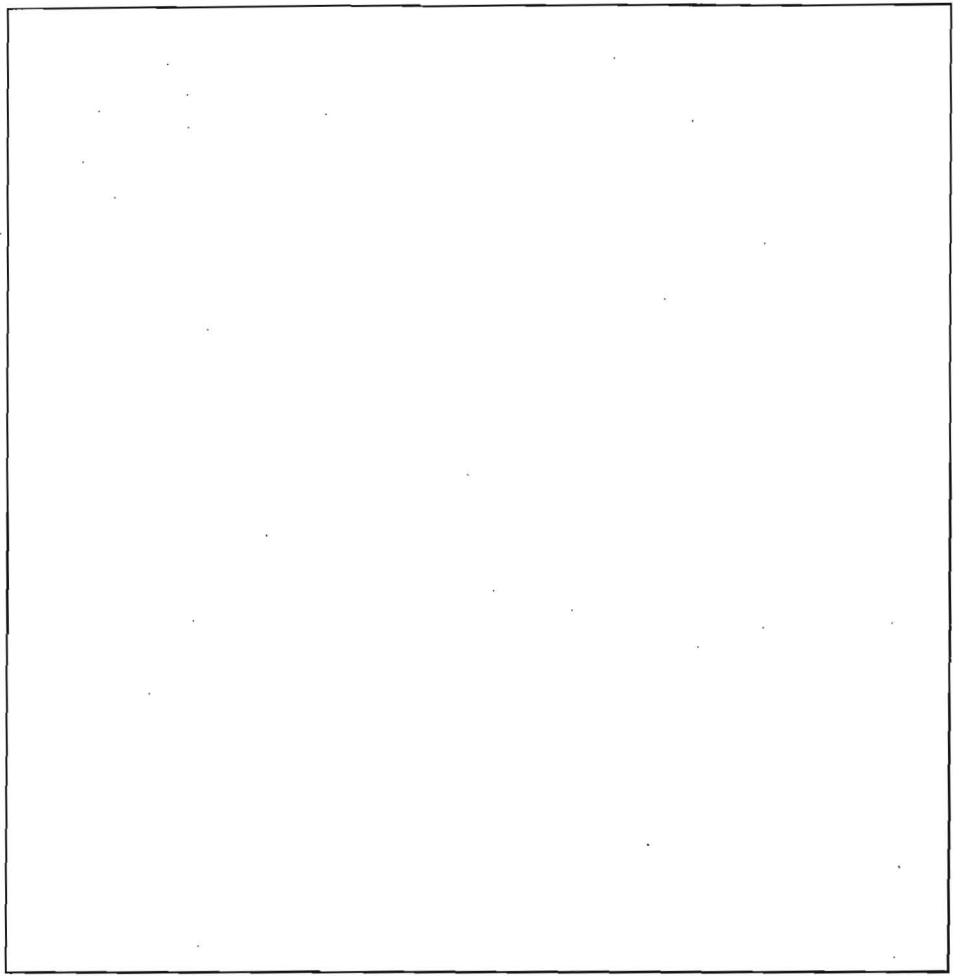
TEST RESULTS WILL BE MAILED TO APPLICANT.

Donald Mason  
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

1  
 3  
 6  
 11.5  
 P41  
 bl  
 ro  
 sci  
 10% coarse  
 SI  
 or  
 yb 30%  
 s/1st cobble  
 P40  
 bl  
 .5  
 ro  
 sci  
 6  
 13  
 P42  
 1  
 ro  
 1.5  
 yb  
 SI  
 1.5  
 HB  
 7



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
4/30/09	P41	<del>4.5</del> 11.5	2:05	2:15	2:27	12	P
	P40	<del>7.5</del> 13	2:16	2:20	2:22	2	P
	P42	<del>7</del>	visual				F

REMARKS <sup>these</sup> Holes for lot 7 dug due to failing holes/topography in lot 7 original  
 SANITARIAN KD/SF BACKHOE Hatfield (Dennis) OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



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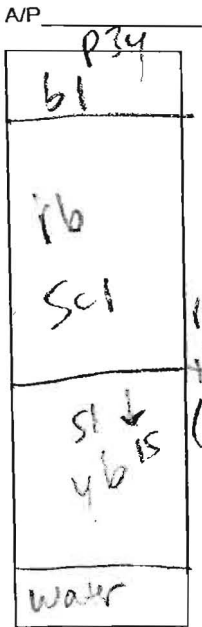
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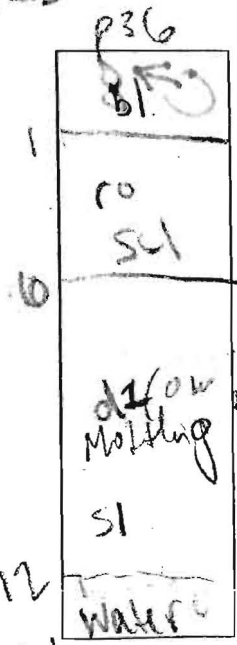
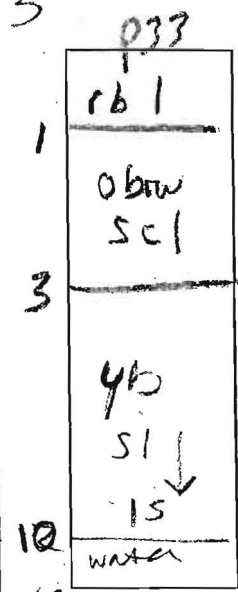
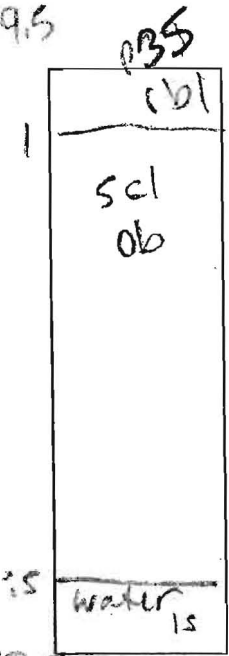
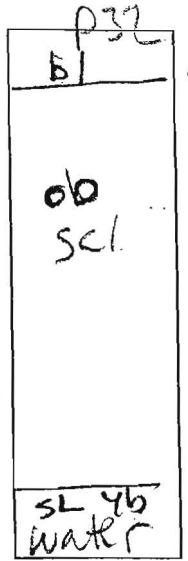
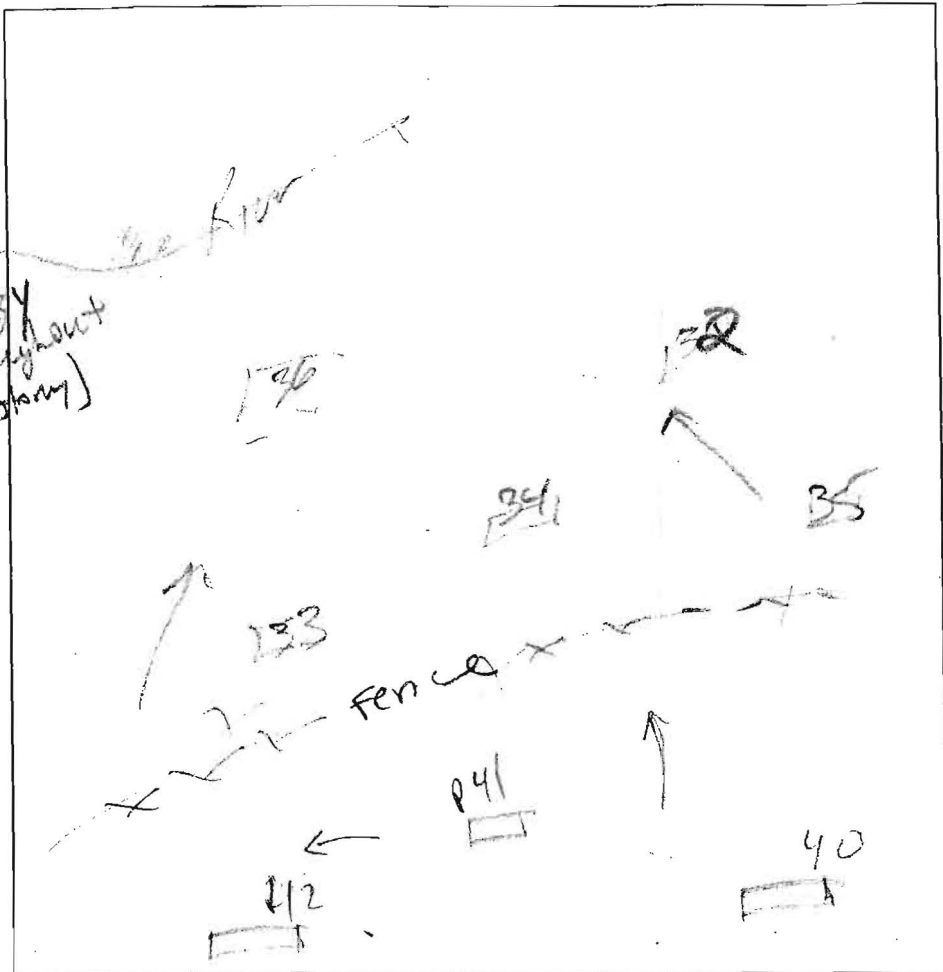
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SIGNATURE OF APPLICANT

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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

PLEASE SUBMIT ORIGINALS ONLY (BY MAIL OR IN PERSON)



rocky throughout (mostly)



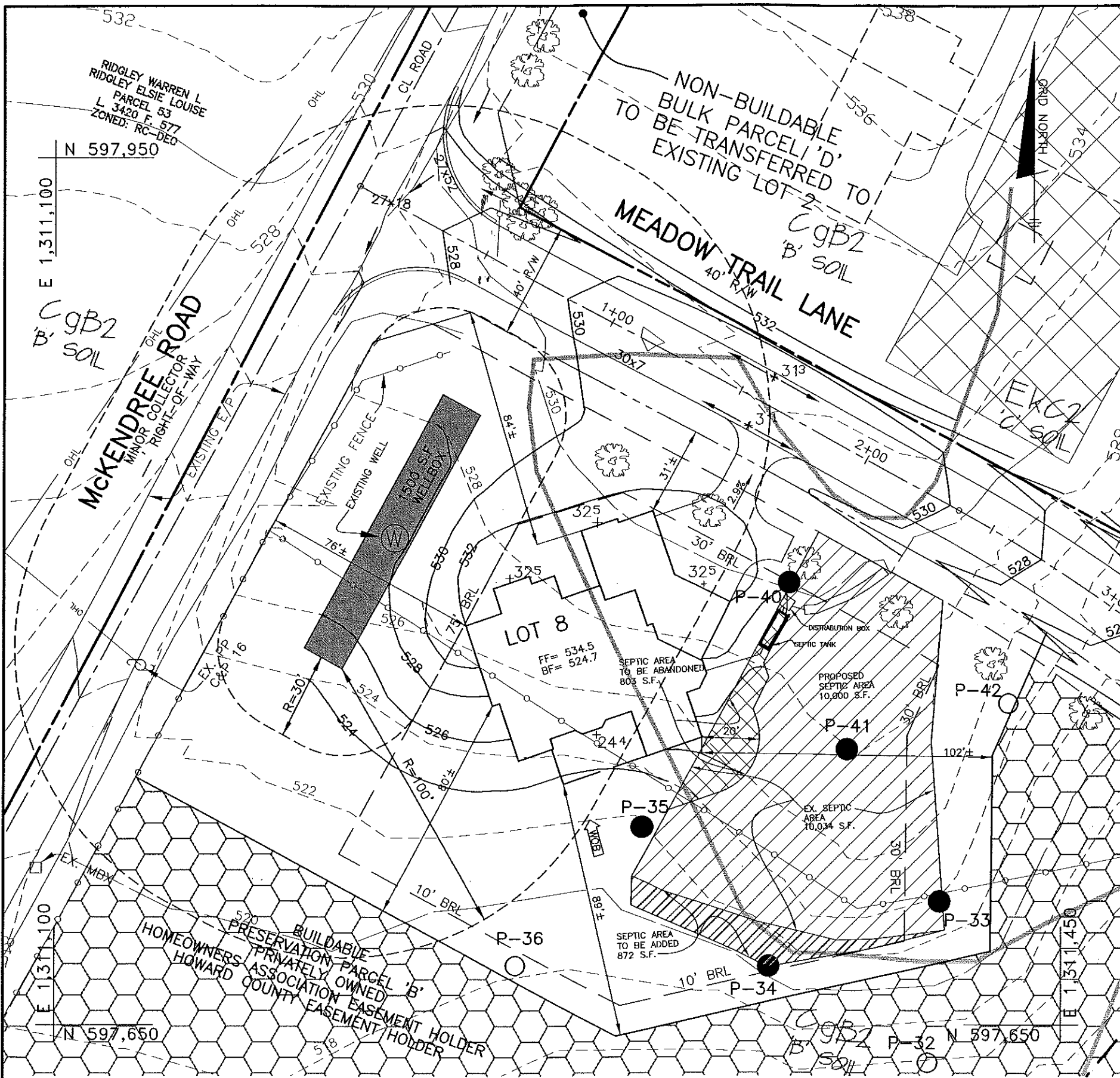
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3-30-05	p34	4 / 9.5	2:22	2:27	2:37	10	P
	• p35	12.5	2:39	2:44	2:53	9	P
	p36	14	visual	fail			F
	p32	5	visual	fail			F
	• p33	4 / 12	1:47	1:56	2	4	P

REMARKS Holes dug according to plans. Due to failing holes layout was flipped to include holes

SANITARIAN KB/SF BACKHOE Hatfield/Donnie OTHERS

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR 40-42

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

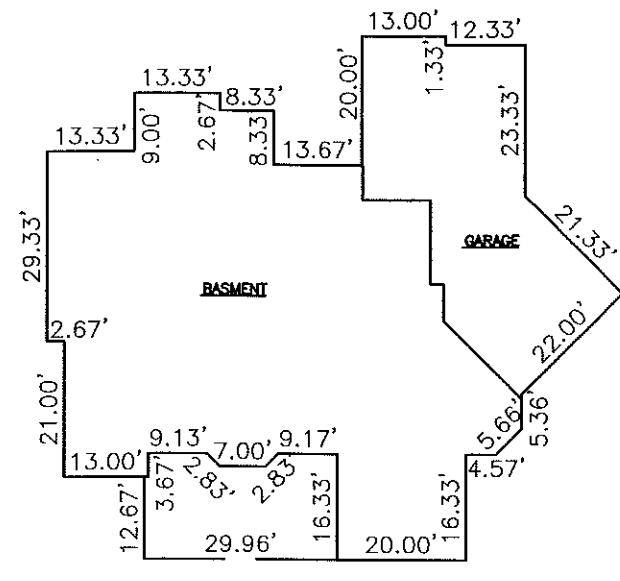


**LEGEND**

- EXISTING CONTOURS
- EXISTING TREELINE
- EXISTING STREAM
- SOILS DELINEATION
- CGB2 B' SOIL
- PASSED PERC HOLE
- FAILED PERC HOLE

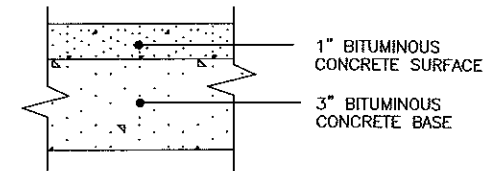
**NOTES:**

1. THE LOT SHOWN HEREON WAS RECORDED ON 11-05-07 AS PLAT NUMBER 19519. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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 PLAT SHALL NOT BE NECESSARY.
3. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
4. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
5. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-07-087 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
6. STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-07-87.
7. THE EXISTING WELL (TAG NO. HO-95-1136) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 8-07 AND IS ACCURATELY SHOWN.
8. DRIVEWAY CULVERT COMPUTATIONS ARE BEING PROVIDED WITH THIS BUILDING PERMIT PLOT PLAN. THE CULVERT SHALL BE 15" CMP OR ELLIPTICAL EQUIVALENT.



**PUGH RESIDENCE**

SCALE: 1"=30'



FULL DEPTH BIT. CONC. ALTERNATIVE  
**P-1 PAVING DETAIL**  
NOT TO SCALE

**SEPTIC INFORMATION**

INV. AT HOUSE	526.0
GRADE AT INV. AT HOUSE	529.5
INV. IN TANK	525.8
INV. OUT TANK	525.5
GROUND OVER TANK	529.0
INV. IN DIST. BOX	525.4
INV. OUT DIST. BOX	525.3
GROUND AT DIST. BOX	529.3

\* EJECTOR PUMP  
REQUIRED FOR  
BASEMENT SERVICE

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT

*B. Nelson for Peter Beilenson* 5/16/08  
HOWARD COUNTY HEALTH OFFICER DATE 5/16/08

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

*Donald A. Mason* 4-16-08  
DONALD A. MASON  
PLAN PREPARER

**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644  
www.bei-civilengineering.com

**McKENDREE VIEW LOT 8**  
**PERMIT PLAN /**  
**REVISED PERC. CERTIFICATION PLAN**  
**2210 MEADOW TRAIL LANE**

TAX MAP: 14 GRID: 12 PARCEL: 54  
TAX MAP: 14 GRID: 6 PARCEL: P/O 219  
ELECTION DISTRICT NO. 4  
HOWARD COUNTY, MARYLAND

BUILDER: C. EDGAR PUGH, JR.  
2289 McKENDREE ROAD  
WEST FRIENDSHIP, MARYLAND 21794  
410-442-2189

HOUSE TYPE: -

DATE: APRIL 2008  
REV. 4-16-08

SCALE: 1" = 40'

PROJECT NO. 1777  
DRAWING 1 OF 1