

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

TEST TIME \_\_\_\_\_

AP 522987

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

DATE 7/22/05

**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) Frances Devlin

DAYTIME PHONE 410-997-4600 Goodier Bldrs. CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS Echo Farm Route 3, 43 East Litchfield Rd., Litchfield CT 06750

STREET CITY/TOWN STATE ZIP

APPLICANT Heritage Land Development

DAYTIME PHONE 410-489-7900 CELL 410-982-2882 FAX 410-489-9768

MAILING ADDRESS 3060 Washington Road, Suite 220 Glenwood MD 21738

STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION NAME Meriweather Farm - Section 3 LOT NO. 65

PROPERTY ADDRESS 14944 Roxbury Road Glenelg

STREET TOWN/POST OFFICE

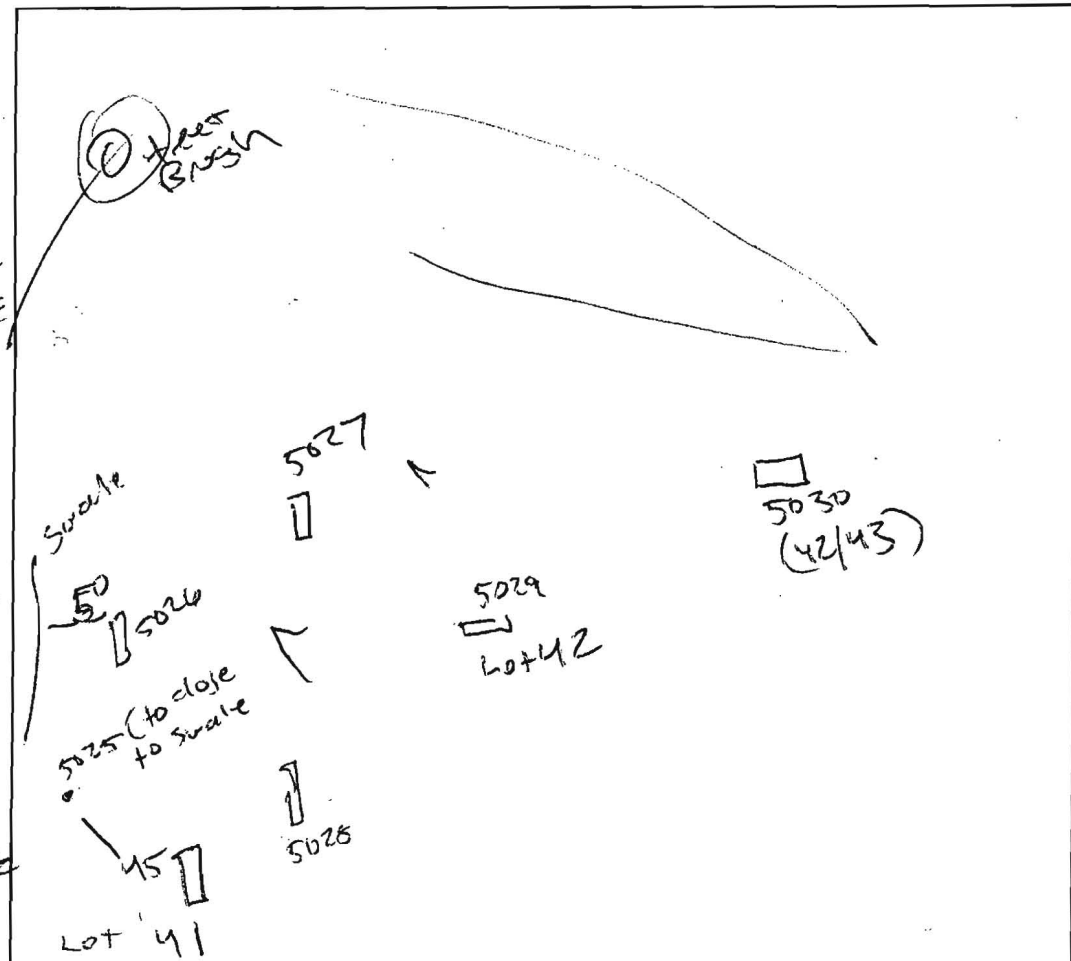
TAX MAP PAGE(S) 21 GRID 16 PARCEL(S) 28 PROPOSED LOT SIZE 1 Acre

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE 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 PERCOLATION CERTIFICATION PLAN. TEST RESULTS WILL BE MAILED TO APPLICANT.

*Jeremy Kutler*  
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 5028  
 brown  
 orange  
 brown  
 (ab)  
 scl  
 --- 3 1/2  
 TRANSITION  
 --- 4 1/2  
 o-b  
 heavy loam  
 coarse  
 sandy  
 loam.  
 --- 10  
 y-b grey  
 sl w/  
 10% cherty frags



5025  
 brown l  
 yellow  
 brown  
 heavy loam  
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 (ab)  
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 sandy  
 s. clay  
 loam  
 --- 11  
 10% s/s  
 cherty frags  
 --- 13

5029  
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TRANSITION  
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 o-purple  
 brown  
 scl  
 (ab)  
 --- 11 1/2  
 TRANSITION  
 --- 5  
 purple  
 brown  
 sandy/  
 silty  
 mix  
 --- 12  
 purple grey  
 silty

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/18/05	5028	4 1/2 / 13	9:47	9:55	10:14	19	P
	5029	5 / 11	10:00	10:04	10:12	8	P
	5030	5 1/2 / 13	10:14	Slow			F
	5027	6 / 12	10:36	10:42	10:51	9	P
	5026	5 1/2 / 13	10:52	11:19	Slow		F
	5025	6 / 13	11:06	11:18	11:42	24	P
Repa	5026	7 / 13	3:14	3:23	3:38	15	P
	5030	13	3:14	3:18	3:24	6	P
	5026	13	3:20				

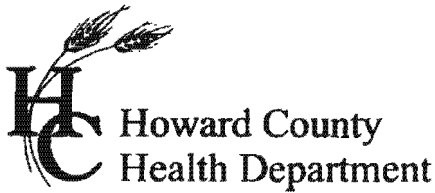
REMARKS \_\_\_\_\_

SANITARIAN RAY/KJB/GAC BACKHOE ZAPP & Jewel Land OTHERS Feage

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_

13



# APPLICATION

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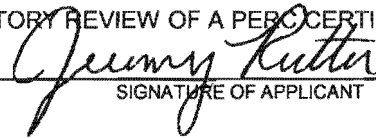
PROPERTY LOCATION

SUBDIVISION NAME Meriweather Farm - Section 3 LOT NO. 86

PROPERTY ADDRESS 14944 Roxbury Road Glenelg  
STREET TOWN/POST OFFICE

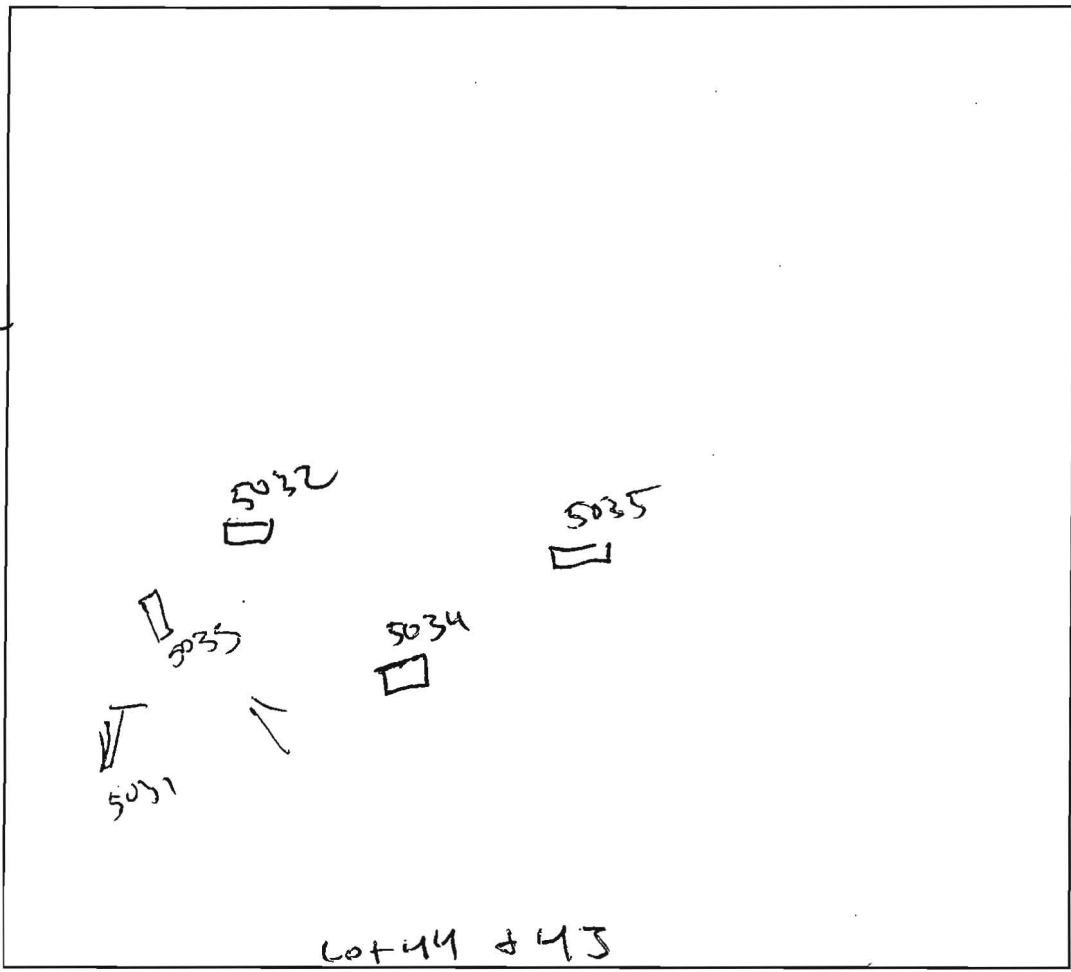
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AVR  
5033  
brown l  
0-b  
ab  
heavy  
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sil  
5 1/2  
Transition  
y-b  
SI  
10  
y-b  
grey  
compact  
SI  
13



5031  
brown l  
y-b  
(ab)  
heavy loam  
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dark  
orange  
brown  
ab  
sil  
5 1/2  
Transition  
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coarse  
SI  
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11  
y-grey  
SI  
12 1/2

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50% clay  
fags & compact  
SI  
13

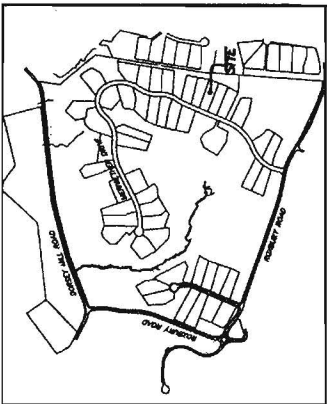
5031  
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brown  
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SI

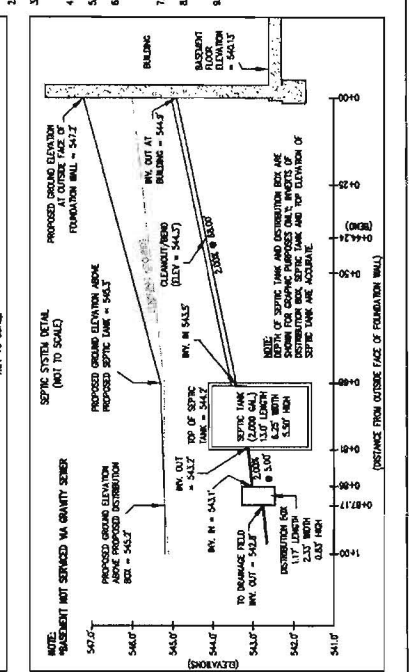
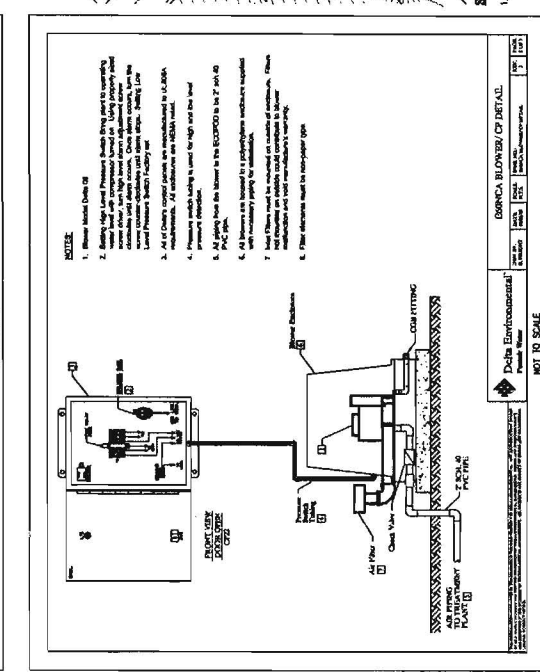
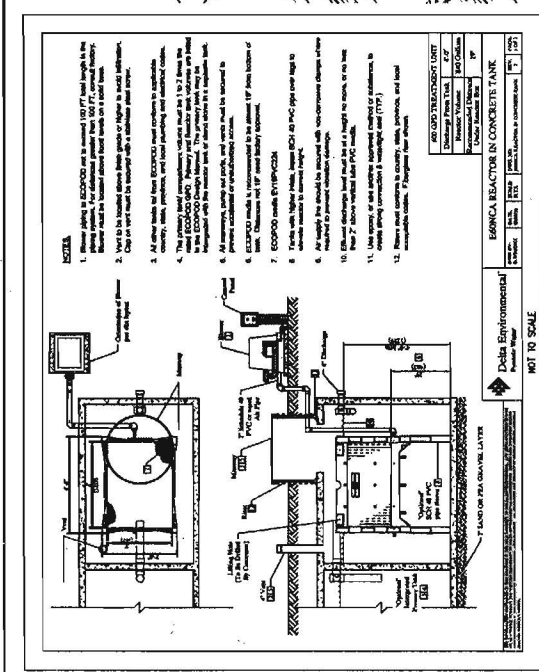
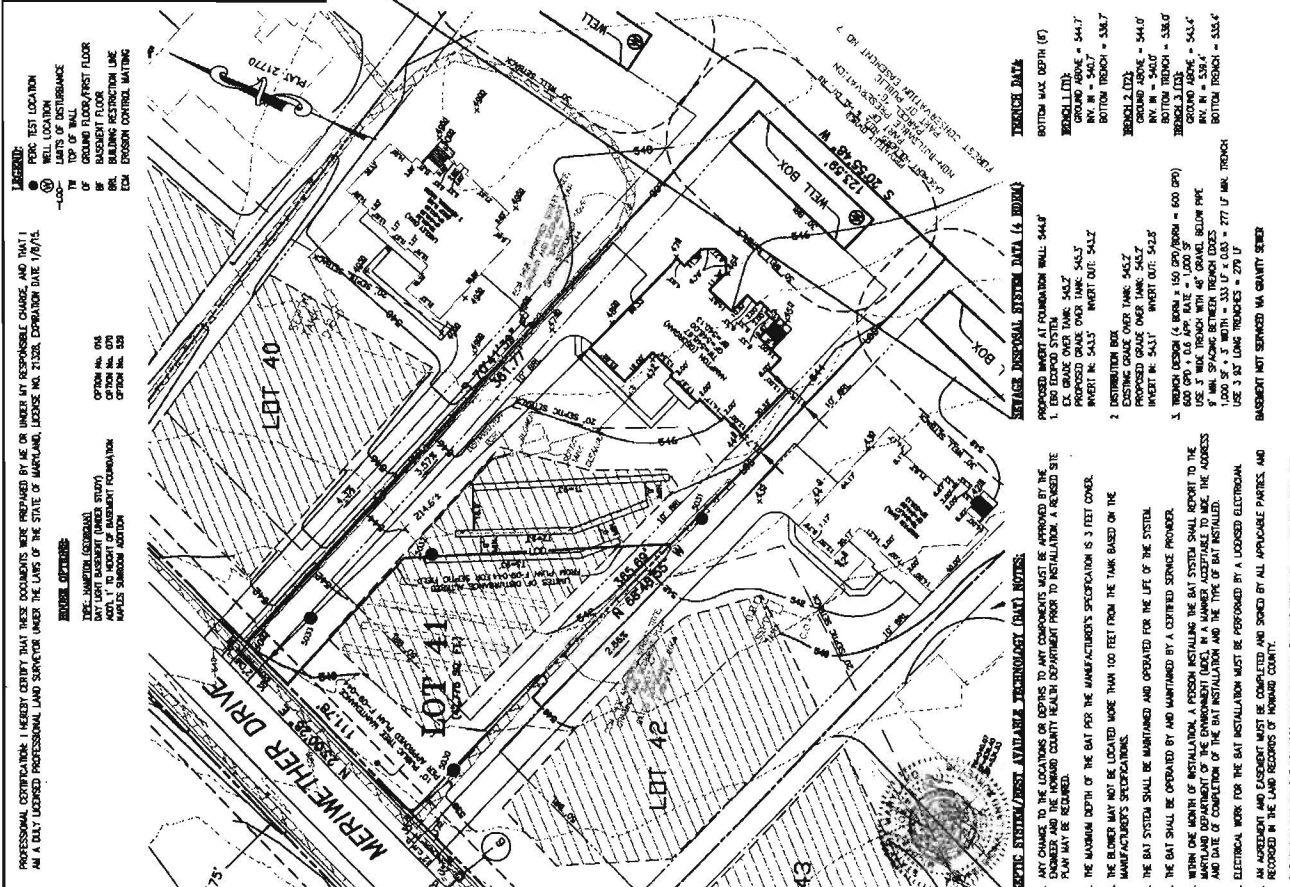
5032  
brown l  
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purple  
brown  
yellow  
sil  
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gr. 1  
10  
grey sil  
15%  
c. cherty  
13

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/14/65	5035	6 / 13	9:01	9:06	9:12	6	P
9/14/65	5034	6 / 13	9:07	9:09	9:13	4	P
	5032	5 / 13	9:28	9:31	9:34	3	P
	5033	6 / 13	10:22	10:25	10:28	3	P
Repair	5031	7 / 12 1/2	3:23	3:39	4:00	22	P
Lot 42/43	5031	6 / 12 1/2	9:44	slow			F

REMARKS \_\_\_\_\_  
 SANITARIAN RAY/KJB BACKHOE Level/and OTHERS Zemp/Rogers  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



- GENERAL NOTES:**
- THE SUBJECT PROPERTY IS ZONED R-100 PER THE 3/7/04 COMPREHENSIVE ZONING PLAN AND PER COM-LITE ZONING REGULATIONS DATED 7/24/06.
  - PLAT REFERENCE: PLAT NO. 2177A.
  - THE EXISTING PROPOSED WITHIN THE AREA OF PROPOSED WORK IS TAKEN FROM FIELD SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PROVIDED BY ESE DATED 6/21/02.
  - SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DESIGN DETAILS. PRIOR TO STARTUP FOR CONSTRUCTION, IT SHALL BE THE OWNER/OWNER'S RESPONSIBILITY TO PROVIDE ESE CONSULTANTS INC. WITH THE MOST RECENT SET OF HOUSE PLANS.
  - THE CONTRACTOR OR EXVELOER SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF ENGINEERING / CONSTRUCTION INSPECTION DIVISION AT (410-301-1801) AT LEAST THE (3) WORKING DAYS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY "WES UTILITY" AT 1-800-293-7777 AT LEAST FORTY-FOUR (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
  - TOTAL LIMIT OF DISTURBANCE: 3,790 SQ. FT. / 0.073 AC.
  - STABILIZATION MANAGEMENT FOR THIS LOT IS PROVIDED BY PREVIOUSLY APPROVED PLAN F-09-04A.
  - ANY DAMAGE TO PUBLIC "TIGHT-OF-WAYS" OR PAVED PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
  - OPERATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER (ESE) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
  - THE DIMENSIONED DISTANCES SHALL CONFORM TO SOLID AND DIMENSIONED DIMENSIONS ON THIS PLAN AND BE FOUND TO BE IN ACCORDANCE.
  - THE LOTS SHOWN HEREIN CONFORM WITH THE HOWARD COUNTY AREA AND OWNERSHIP WITHIN AS REQUIRED BY THE HOWARD COUNTY DEPARTMENT OF THE ENVIRONMENT.
  - THESE AREAS DESIGNATE A PRIVATE SEWAGE SYSTEM OF AT LEAST 1500 GPD CAPACITY. THE PRIVATE SEWAGE SYSTEM SHALL BE INSTALLED WITHIN THE AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EXISTING SHALL BECOME WELLS AND VIO UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. FOR ENFORCEMENT INTO THE PRIVATE SEWAGE SYSTEM, RECONSTRUCTION OF A WORKED SEWAGE SYSTEM SHALL NOT BE NECESSARY.
  - EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN LOT OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
  - ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REISED PERCOLATION CERTIFICATION PLAN.
  - BEFORE BUILDING BEGINS UNDER THE SEPTIC SYSTEMS FOR ALL PROPOSED STRUCTURES AND/OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT CAPACITY.
  - THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL CONCEPT PLAN SINCE STORMWATER MANAGEMENT WAS PREVIOUSLY APPROVED UNDER F-09-04A.
  - A STANDARD SEDIMENT CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE CHANGING PLAN DATED 12/18/13.
  - THE EXISTING WELLS SHOWN ON THIS PLAN (BORED WITH THE ATTACHED WELL LOG NUMBER NO-62-210) HAS BEEN FIELD LOCATED BY ESE CONSULTANTS - PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.
  - EXISTING STRUCKS (BELL-1) SHOWN HEREIN PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREIN AS "X" HAVE AN ACCURACY OF 20.1' FOOT.
  - CLARIFY FOR DUMPNEY PER F-09-04A.



**PROFESSIONAL CERTIFICATION:** I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DAILY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/15.

**DATE:** 03/26/14 **SCALE:** 1"=40' **JOB NO.:** 3164 **FILE:** PP 107 41 **DRAWN:** R.C.F.

**CHPT.:** M.B. **DATE:** 03/26/14 **SCALE:** 1"=40' **JOB NO.:** 3164 **FILE:** PP 107 41 **DRAWN:** R.C.F.

**ESE CONSULTANTS INC.**  
 7164 Columbia Gateway Dr.  
 Suite 200  
 Catonsville, MD 21048  
 TEL: 410-872-9105  
 FAX: 410-872-8570

**ESE**  
 Land Planning  
 Engineering  
 Land Surveying

**LOT 41**  
**MERIWETHER FARMS**  
 LIBER 13779, FOLIO 484  
 TAX NO. 04-593662  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 ADDRESS: MERIWETHER DRIVE  
 GLENDEL, MARYLAND

**PROT PLAN FOR BAT INSTALLATION**

**CHIEF, DEVELOPMENT ENGINEERING DIVISION**

**DIRECTOR**

**PROFESSIONAL ENGINEER**

ATELY OWNED  
UILDABLE  
SERVATION  
RCEL 'A'  
1.88 AC.±

B.M.P. No. 5

MICRO-POOL  
EXTENDED DETENTION POND  
FOR WQV & CPV  
HAZARD CLASS 'A'  
(OWNED AND MAINTAINED BY H.O.A.)  
PERM. POOL = 520.00  
WQV = 520.40  
CPV = 521.02  
10YR. = 522.18  
100YR. = 523.59

OWNER: H.O.A.  
EASEMENT HOLDER: HO. CO., MD.  
NON-BUILDABLE  
PRESERVATION  
PARCEL 'E'  
1.60 AC.±

Approved  
P-Plan  
1-25-08

PUBLIC S.W.M. DRAINAGE &  
UTILITY EASEMENT

LOT 41  
12,775 sq.ft.

LOT 42  
12,358 sq.ft.

LOT 43  
45,250 sq.ft.

LOT 44  
49,959 sq.ft.

PUBLIC 20' DRAINAGE &  
UTILITY EASEMENT

ROAD 'B'  
(PUBLIC ACCESS STREET)

S.W.M. DRAINAGE &  
UTILITY EASEMENT

PUBLIC 20' DRAINAGE &  
UTILITY EASEMENT

5' ENVIRONMENTAL SETBACK (TYP.)

N 578750  
E 1304500

