

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE 11/29/05

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 Deulin

DAYTIME PHONE 410-997-4600 CELL _____ FAX _____

MAILING ADDRESS Echo Farm Rt 3, 43 East Litchfield 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 Rd Glenwood Md 21738
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Merweather Farm LOT NO. _____

PROPERTY ADDRESS 14944 Roxbury Road
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 21 GRID _____ PARCEL(S) 28 PROPOSED LOT SIZE _____

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.

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

AP

6020

org brn, brn
hysil-cl
Sbk

3 1/2'

str org brn
wk rd brn

6'

pink,
white,
rd
SL w/
some silt pockets
Bottom

24'

5017

dk brn
cl

2'

str rd
lenny
pockets
sil

faunt
Mn on
chert
frags
@ 8'

Bottom

13'

SP-07-009

6020 - Lot 33

5017 Lot 45

LOTS 70 & 89

NEED 1592

5191

5017 - not dug until today

LOT 70

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
11-29-05	6020	4'	10:23	TOO SLOW		LOT 70	
	will perc @ 62'	14'	10:20	10:30	10:36	6	P
	LOT 34 5017	3 1/2'	11:37	11:41	11:47	6	P
	5017	4 1/2"	12:40	12:43	12:48	5'	P

REMARKS

SANITARIAN

Kacu

BACKHOE

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

AP
5055

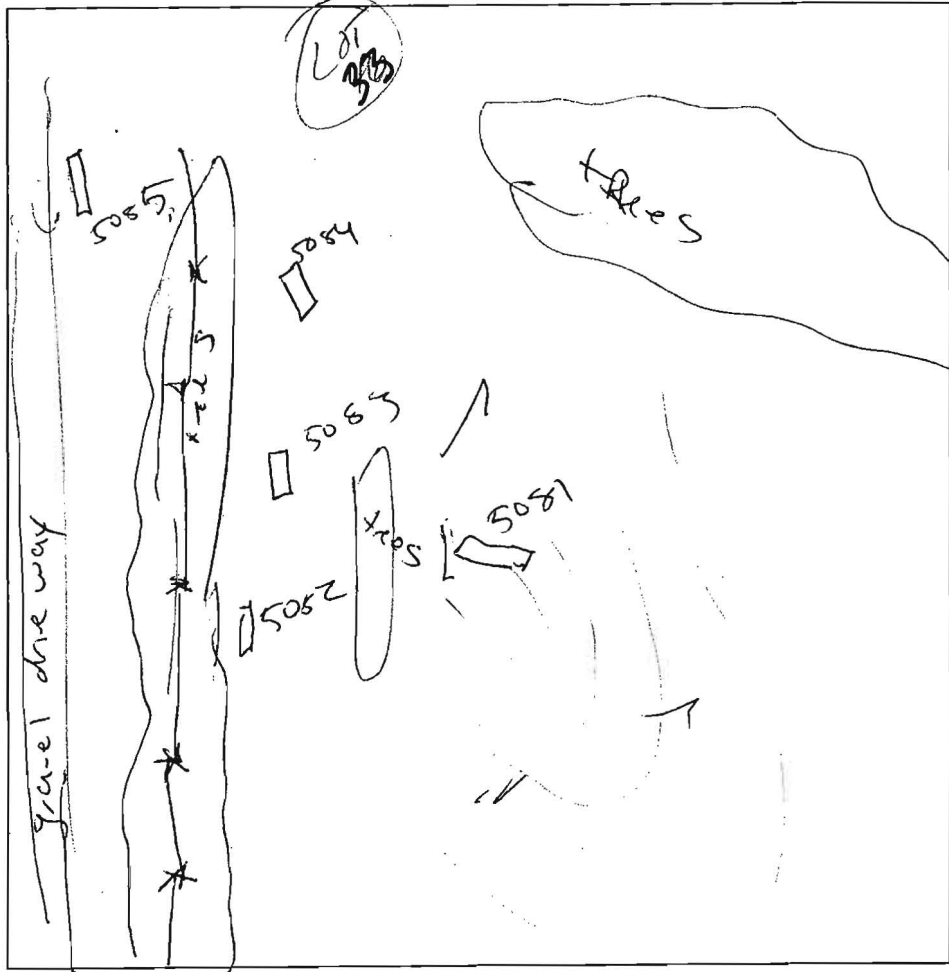
Down 1
heavy
o-b
loam/sci

yellow
brown

fire
SI
massive

light
y-b
IS

12



5081

brown
o-b
sci

y-b
compact
SI
massive

coarse
y-b
loamy
sand

~~5084~~

brown
o-b
sci
(an)
y-b
SI

grey
black
stratification
SI 25-30
large
cobble
IS

9

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
	5085	4 12	11:46	11:49	11:57	8	P
	5084	4 9	12:22	12:22 ⁵⁰	12:24 ⁰⁰	10	F
	Repair		12:24 ³⁰	12:25 ²⁰	12:26 ³⁰	1:10	F
	5083	5 1/2	Visual				F
	5082	4 11 1/2	12:26	12:31	12:50	19	P
	5081	4 10	12:41	12:42 ²⁰	12:43 ³⁰	< 2	F
	Repair		12:44 ²⁰	12:46 ⁰⁰	12:48 ³⁰	2:30	P

1
3
8
10

5082

poorly
brown
o-b
angular
blocky
sci

fracturing
y-b
massive
SI

compact
IS

5083

brown
o-brown
heavy
loam-
sci

y-b

sci

with
25-30%
mck

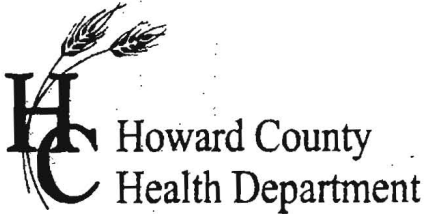
Refused

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



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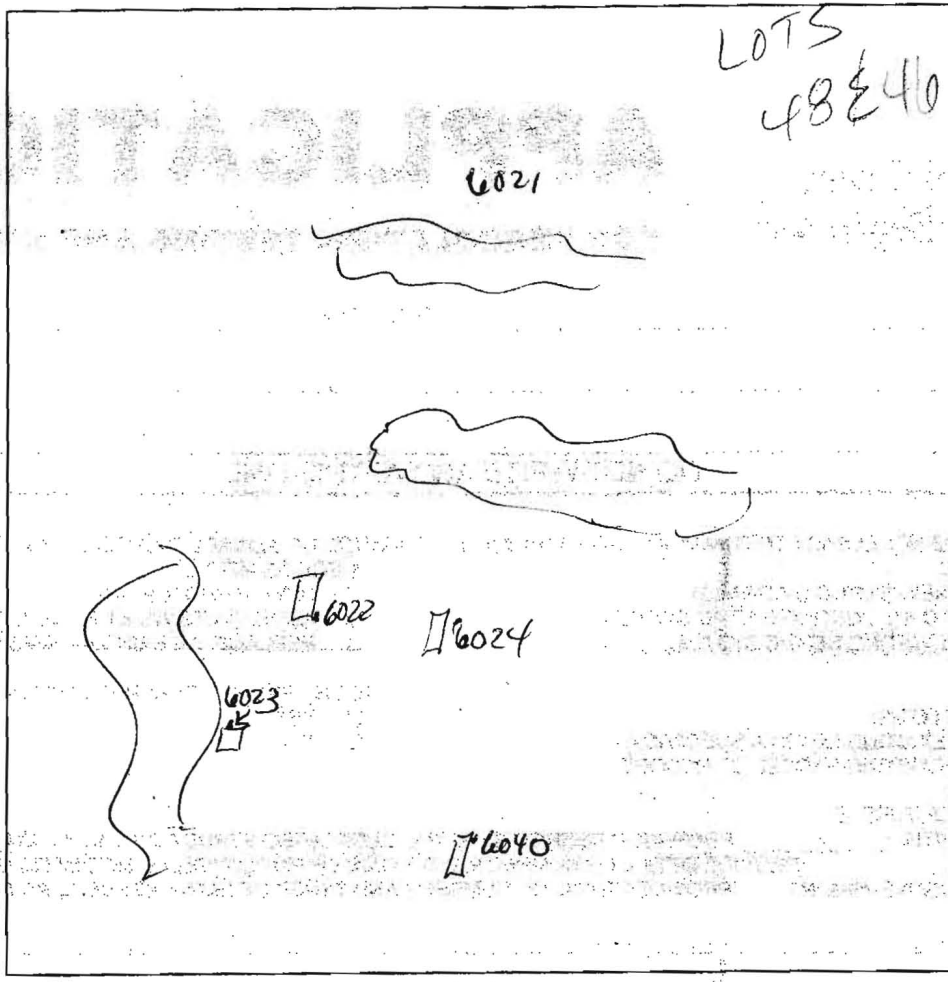
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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

6040

LOTS
48 & 40

AP
 6021
 WK org rd brn
 hvy SL
 2'±
 Dk brn
 Loam
 pockets
 SL
 4'
 Wky brn
 P S / LS
 Chest
 100%
 Bottom 13'



6024
 Str rd
 SL
 2'
 org brn,
 rd
 med
 gr SAND
 pockets
 decomposed
 parent material
 (pockets
 of med coarse
 SAND)
 had
 small
 ledge
 (granite)
 of
 gneiss
 Bottom 14'

N side 9'

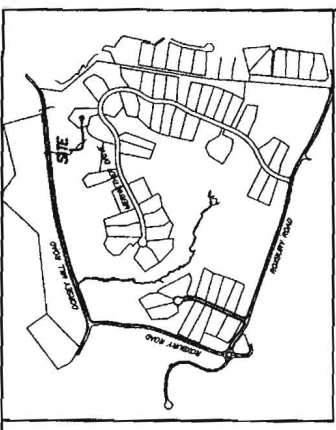
6022
 org brn
 hvy L
 2'
 Str org
 SAND
 Med gr.
 Trace
 Py
 Bottom 13 1/2'

6025
 LS S
 3'
 Med gr
 SAND
 compact
 single
 grain
 Bottom 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
11-29-05	6021	3'3"	10:43	10:56	10:57	26	P LOT 48
6" perc hole	6024	3'	10:57	10:58	11:00	2	P
	6023	Refusal @ 2'					
	6040	@ 3'					
	6022	SEE 6024	11:05	11:10	11:16	6	P
	6022	SEE 6024					
	6025	3'	11:17	11:20	11:27	7	P

Holes dug on stake

REMARKS TESTING ON KNOW / PLenty of TX ZONE ^{ADJ} prop. well loc
 SANITARIAN Kace BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



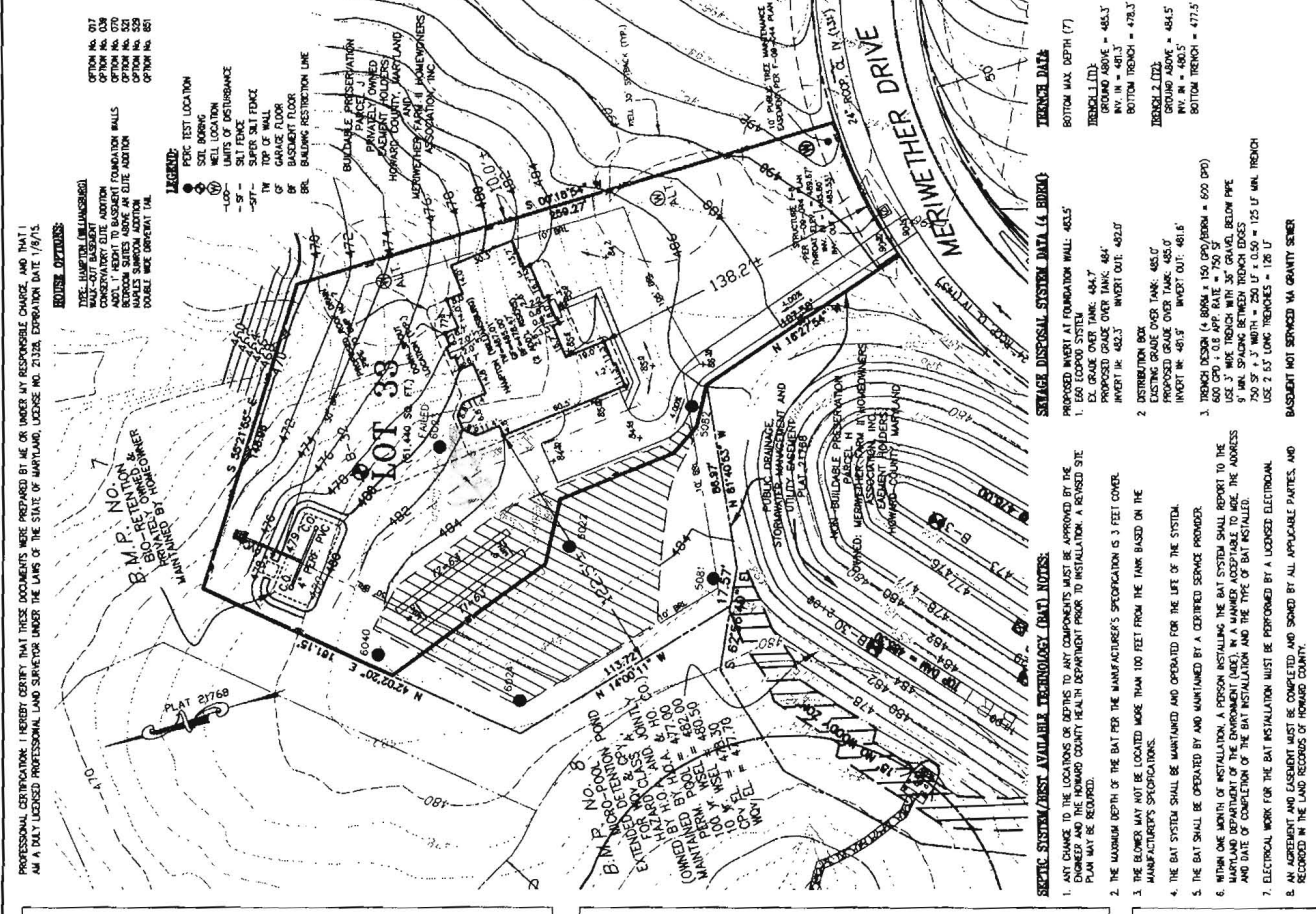
VICINITY MAP
1" = 1000'

- GENERAL NOTES:**
- THE SUBJECT PROPERTY IS ZONED RC-10 FOR THE 27/24M COMPREHENSIVE ZONING PLAN AND PER COMB-LITE ZONING REGULATIONS DATED 7/29/06.
 - PLAT REFERENCE: PLAT NO. 21768.
 - THE EXISTING TOPOGRAPHY WITHIN THE AREA OF PROPOSED WORK IS TAKEN FROM THE SURVEY WITH A MINIMUM TWO FOOT CONTOUR INTERVAL PREPARED BY ESE CONSULTANTS INC. (SEE DATED 6/27/12).
 - SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DESIGN DETAILS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE MOST RECENT SET OF HOUSE PLANS.
 - THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF CONSTRUCTION INSPECTION DIVISION AT (410-315-1881) AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY "JES UTILITY" AT 1-800-552-7371 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
 - TOTAL LIMIT OF DISTURBANCE: 40.894 SQ. FT. / 0.94 AC.
 - STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY PREVIOUSLY APPROVED PLAN F-19-044.
 - ANY CHANGES TO PUBLIC "TROUT-AS-WAYS" OR PAVED DRIVE ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
 - DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER (ESE) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
 - THE UNIMPAVED DISTANCES SHALL GOVERN IF SCALED AND UNIMPAVED DISTANCES ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
 - THE LOT BOUNDARY CORNER WITH THE UNIMPAVED AREA HAS AN ONSHIP MARK AS REQUIRED BY THE MATERIAL DEPARTMENT OF THE ENVIRONMENT.
 - EXISTING AREAS DESIGNATE A PRIVATE SEWAGE TREATMENT PLANT (PST) AT LEAST FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE IMPROVEMENTS SHALL BE LIMITED TO THE SEWAGE TREATMENT PLANT AND SHALL BE LIMITED TO THE COUNTY HEALTH OFFICE. THE CONTRACTOR SHALL HAVE THE AUTHORITY TO OBTAIN VARIANCES FOR ENCHARGEMENTS INTO THE PRIVATE SEWAGE TREATMENT PLANT OR A MODIFIED SEWAGE TREATMENT PLANT.
 - 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 TREATMENT AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - UPON BEARING POINT REVIEW THE SEPTIC SYSTEMS FOR ALL PROPOSED STRUCTURES AND/OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
 - THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL CONCEPT PLAN. SEWAGE TREATMENT MANAGEMENT WAS PREVIOUSLY APPROVED UNDER F-09-044.
 - A STANDARD SEWAGE CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE: SEWAGE CONTROL PLAN DATED 12/18/11.
 - THE EXISTING WELLS SHOWN ON THIS PLAN (OBTAINED WITH THE ATTACHED WELL LOGS) SHALL BE MAINTAINED AND MONITORED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.
 - BUILDING SETBACKS (SEAL) SHOWN HEREON FOR SITE DEVELOPMENT PLAN. SEWER DISTANCES SHOWN HEREON AS "E" HAVE AN ACCURACY OF ±0.1 FOOT.
 - CONVERT FOR DRIVEWAY PER F-09-044.

ESE Consultants Inc.
7154 Columbia Gateway Dr.
Suite 202
Columbia, MD 21046
TEL: 410-472-9105
FAX: 410-672-4870

ESE Land Planning
Land Engineering
Land Surveying

DATE: 05/27/14 SCALE: 1"=40'
JOB NO.: J104
FILE: PP LOT 33
DRAWN: R.C.K.

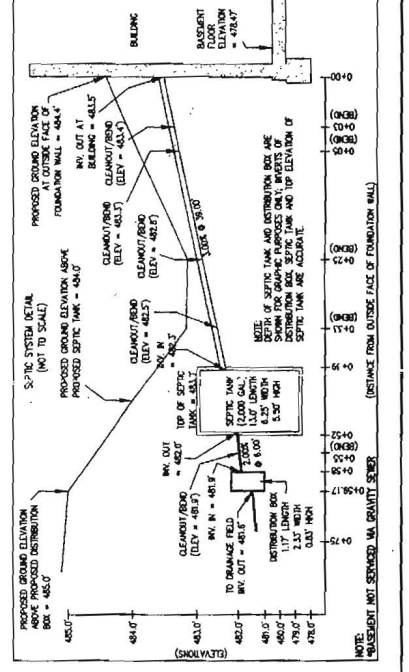
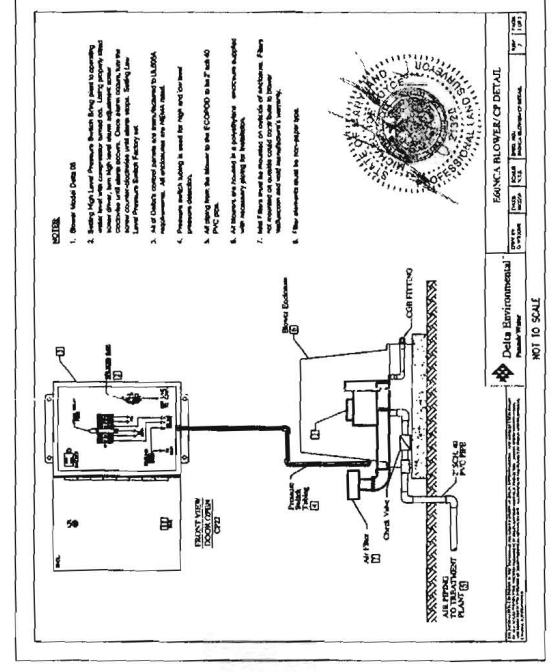
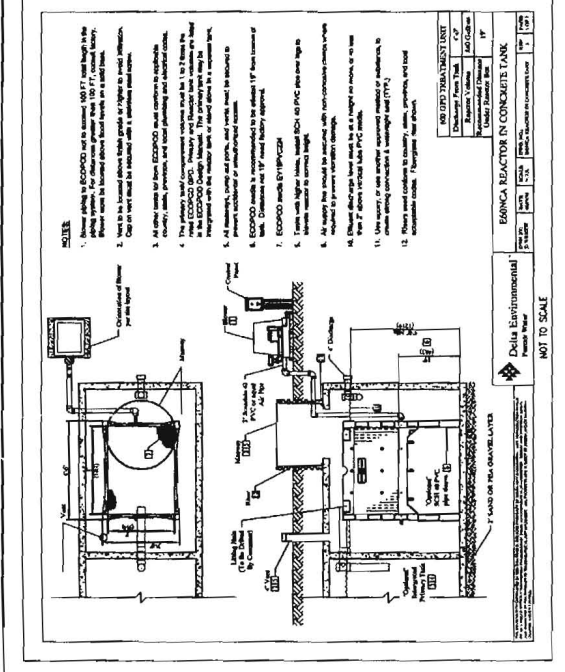


LOT 33
MERIWETHER FARMS
LIBERTY 13779, FOLIO 478
PLAT NO. 04-593674
TAX NO. 04-593674
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
ADDRESS: 14874 MERIWETHER DRIVE
GLENELG, MARYLAND

APPROVED: FOR HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.

DATE: _____
DATE: _____
DATE: _____

CHIEF, DEVELOPMENT ENGINEERING DIVISION
DIRECTOR
PROFESSIONAL ENGINEER



SEPTIC SYSTEM/MOST AVAILABLE TECHNOLOGY (SAT) NOTES:

- ANY CHANGE TO THE LOCATION OR DEPTH TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM DEPTH OF THE BAT FOR THE MANUFACTURER'S SPECIFICATION IS 3 FEET COVER.
- THE BAT SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
- THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SEWAGE PROMOTER.
- WITHIN ONE MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE HEALTH DEPARTMENT THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE OF BAT INSTALLED.
- ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
- AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.
- THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

APPROVED: FOR HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.

DATE: _____
DATE: _____
DATE: _____

CHIEF, DEVELOPMENT ENGINEERING DIVISION
DIRECTOR
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