

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P \_\_\_\_\_

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

**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) **Ruth Fisher**

DAYTIME PHONE \_\_\_\_\_ CELL **443-691-9186** FAX \_\_\_\_\_

MAILING ADDRESS **1585 Route 32** **Sykesville** **MD** **21784**

STREET CITY/TOWN STATE ZIP

APPLICANT **Heritage Land Development**

DAYTIME PHONE **410-489-7900** CELL **410-984-0408** FAX **410-489-4754**

MAILING ADDRESS **P.O. Box 482** **Lisbon** **MD** **21765**

STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION


SUBDIVISION NAME **Shipleys Choice** LOT NO. **3**

PROPERTY ADDRESS **12195 Old Frederick Road** **Marriottsville**

STREET TOWN/POST OFFICE

TAX MAP PAGE(S) **10** GRID **19** PARCEL(S) **15** PROPOSED LOT SIZE **1 Acre**

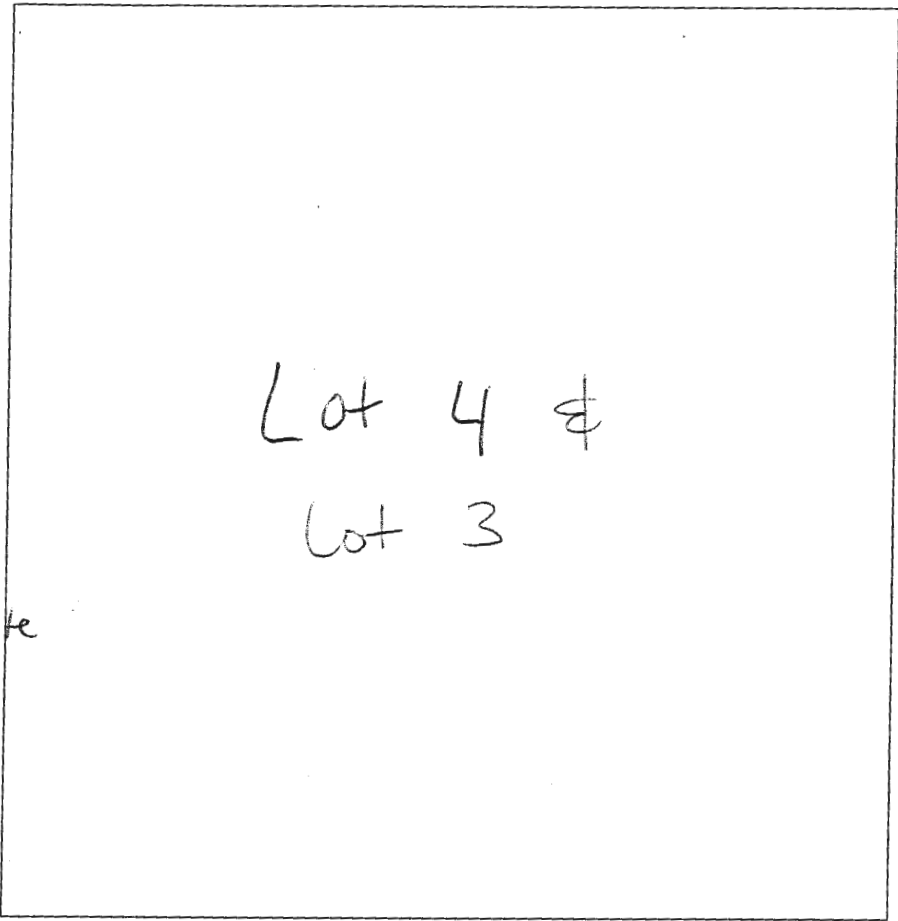
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A 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  
 7178 COLUMBIA GATEWAY DRIVE, COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



AVP



110  
red  
brn l  
2msbk  
4'  
red brn  
sal  
lfsbk  
many mica  
8'  
multi-color  
fsl  
micaceous  
saprochite  
↓  
4' brn.  
fsl  
micaceous  
platy mica  
Schist + Saprochite  
12'

114  
brn l (fsl)  
red brn  
2fsl  
4.5'  
yellow  
brn micaceous  
sl  
↓  
6'  
multi-color  
fsl  
9'  
lt brn  
fsl  
micaceous  
10% channers  
mica schist + spl  
10'

115  
same as  
14  
but  
transition  
is @  
4'

111  
brn fsl  
lfsbk 8'  
red brn  
sch dur  
2fslbk 4.2'  
multi-  
color sl  
many mica  
7-  
8'  
lt brn  
fsl micaceous  
platy schist  
11'  
25% blocky  
channers &  
no frags HB

113  
brn l 8'  
brn sch  
1msbk  
dur 4.10'  
yellow  
reddish  
brn fsl  
micaceous  
saprochite  
↓  
10% 35% mica  
pluggy schist  
channers HB 13'

112/110  
brn l  
brn red  
sch  
lfsbk  
5'  
multi-  
color  
fsl  
micaceous  
same as 111  
↓  
9.5'  
pink brn  
fsl  
micaceous  
platy schist  
12.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-15-09	10	12'	visual				P
	14	5.5/6'	10:43	10:44	10:47	3	P
	15	4.9/ 11.8'	10:48	too slow - pulled, reshelled			
	11	5.8/ 11'	10:53	too slow pulled, reshelled			
	15	6/ 11.8'	11:14	11:21	11:33	12	P
	11	7/ 11'	11:20	11:24	11:35	11	P
	13	13'	visual				P
	12	6/ 12.5'	11:36	11:39	11:42	3	P
	10	12'	visual				P

REMARKS \_\_\_\_\_  
 SANITARIAN HS/RB BACKHOE Swinn OTHERS Heritage  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH 2' INLET DEPTH 4' MAX. BOT DEPTH 8' EFFECTIVE SW 2'

SEPTIC SPECIFICATIONS WORKSHEET

Subdivision Shipley's Choice A           
 Street Name 12127 Old Frederick Rd. Lot Number 3  
 Average Percolation Rate (min./in.) 3 min./inch Application Rate (GPD/sq. ft.) 1.2  
 Number of Bedrooms 4 Design Flow (#BRx150) = 600  
 Square Footage (of House) 3929 Septic Tank Capacity (gal.) 2000  
 Sidewall Credit / % Reduction 3 feet / 44 % Total Length of Trench (ft.) 110

\*All Septic/Pump tanks must be top seamed unless otherwise approved by this agency.

\*All Septic tanks must be compartmented unless otherwise approved by this agency.

Baffle Filter Required? Yes No

TRENCH DIMENSIONS: Trench to 2 feet wide. Inlet is at 4 feet below original grade with          feet of stone below the distribution pipe. Bottom maximum depth is 8 feet below original grade. Effective sidewall begins at 5 feet below original grade. Maintain at least 10 feet spacing between trenches.

PUMP SYSTEM PROPOSED? YES (NO)

Pump system details:          gallon pump chamber

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test required prior to Health Department approval of pumped septic system.

LOCATION:

1. Set septic tank per plan, but 1-ft. deeper.
2. Set distribution box approx. 8 feet past SDA corner on East boundary
3. Install 2x55" trenches on contour in upper SDA

ADDITIONAL NOTES Do not order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

Reviewed by: R. Bieden

Date: 10/22/13

**SOIL LEGEND:**

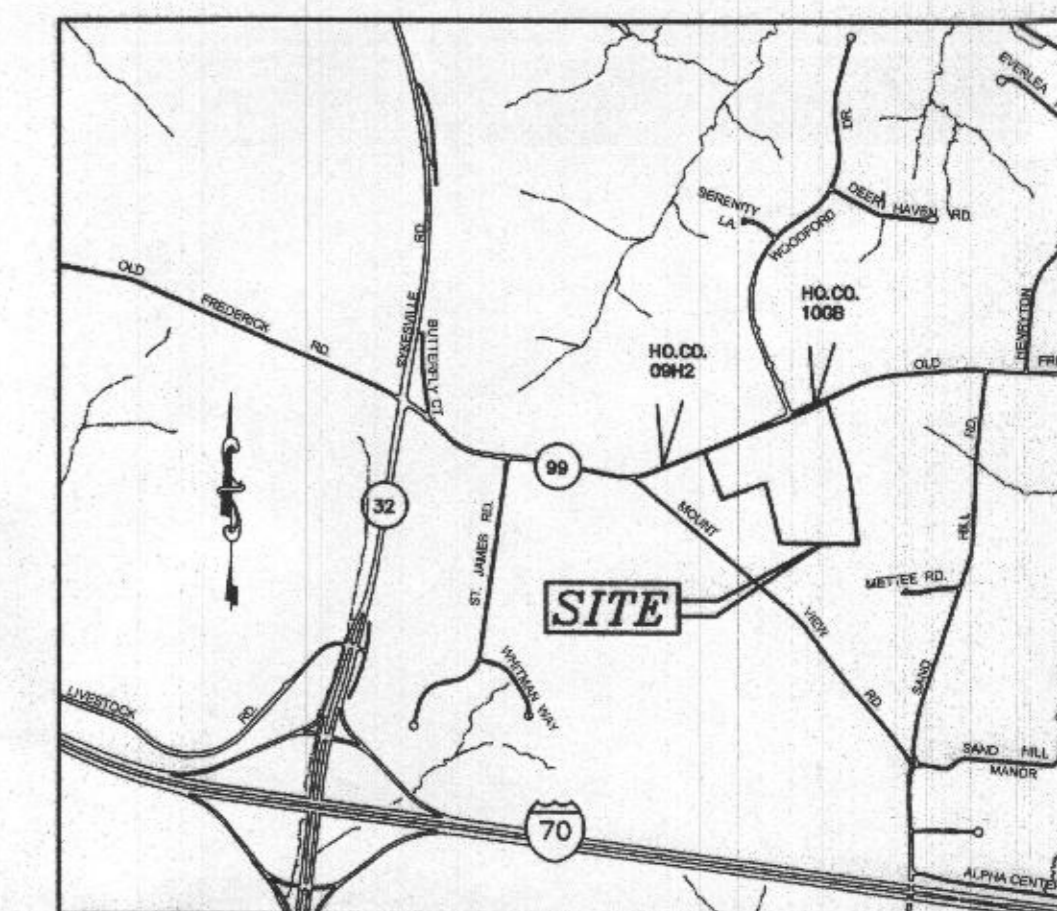
GgA (B) GLENELG LOAM, 0 TO 3 PERCENT SLOPES.  
 GgB (B) GLENELG LOAM, 3 TO 8 PERCENT SLOPES.  
 GmB (C) GNEVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES.

**GENERAL NOTES:**

- SUBJECT PROPERTY ZONED RR-DEO PER THE 02/02/04 COMPREHENSIVE ZONING PLAN AND THE COMP LITE ZONING AMENDMENT EFFECTIVE 07/28/06.
- BOUNDARY SHOWN HEREON IS BASED ON FIELD RUN SURVEY BY SILL, ADCOCK AND ASSO., LLC PERFORMED ON OR ABOUT APRIL 2010.
- SITE LOCATION : TAX MAP 10, PARCEL 15, LOT 1, 2 AND 3 AREA OF LOT 1, 2, AND 3: 159,874 S.F.±
- TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHIC SURVEY BY SILL, ADCOCK AND ASSO. LLC PERFORMED ON OR ABOUT MAY 2010.
- BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
- PUBLIC WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
- ALL SEPTIC SYSTEM AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- PERC HOLE LOCATIONS AND ELEVATIONS SHOWN ARE BASED ON PERCOLATION CERTIFICATION PLAN PREPARED BY JOHN E. HARMS JR. & ASSOCIATED, INC. SIGNED IN OCTOBER 1, 2007.
- THE PURPOSE OF THIS AMENDED PERCOLATION CERTIFICATION PLAN IS TO RECONFIGURE THE SEPTIC EASEMENTS ON LOT 1, 2, AND 3 TO PROVIDE THE REQUIRED 10 FEET SEPARATION BETWEEN THE SEPTIC EASEMENTS AND WATER HOUSE CONNECTIONS.

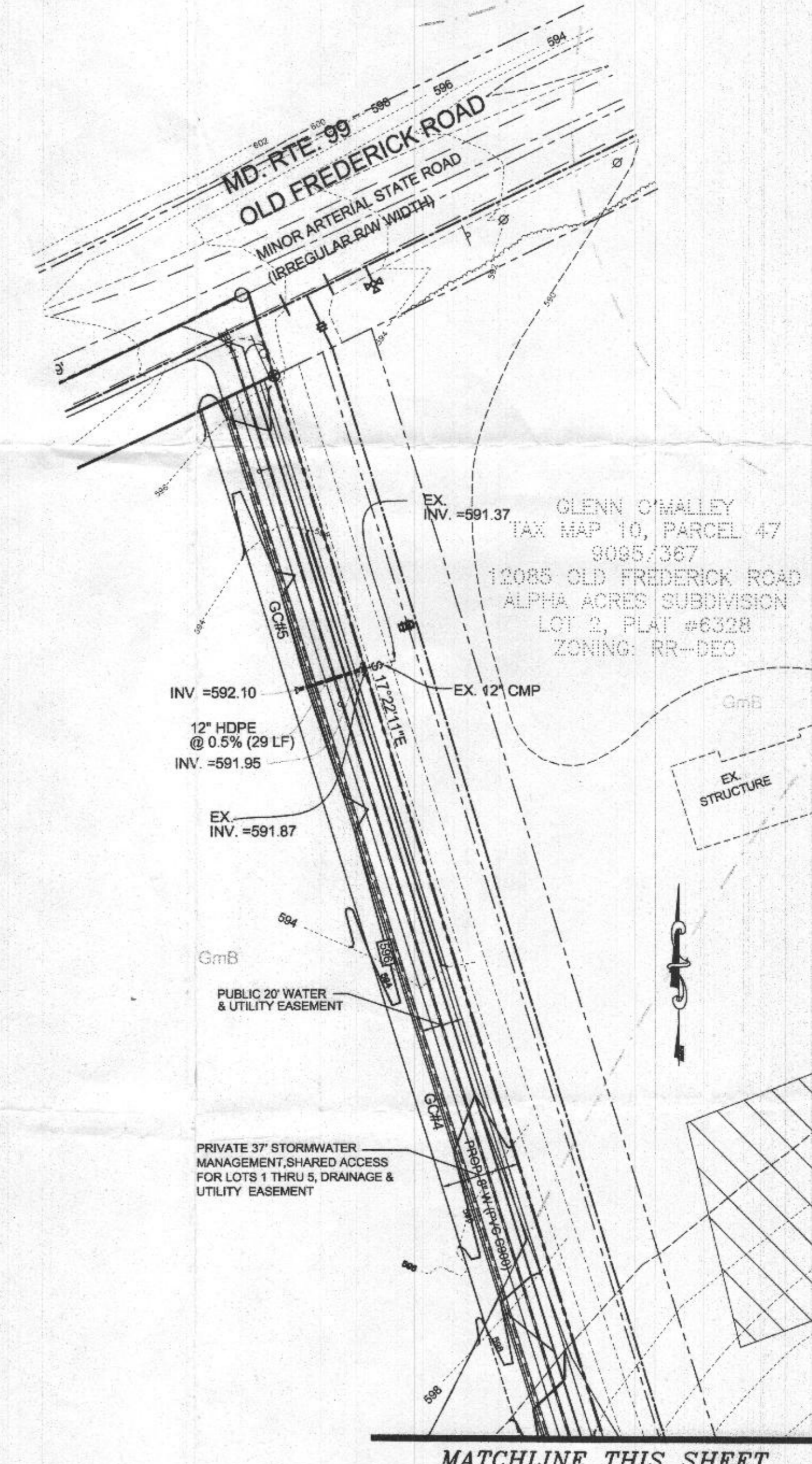
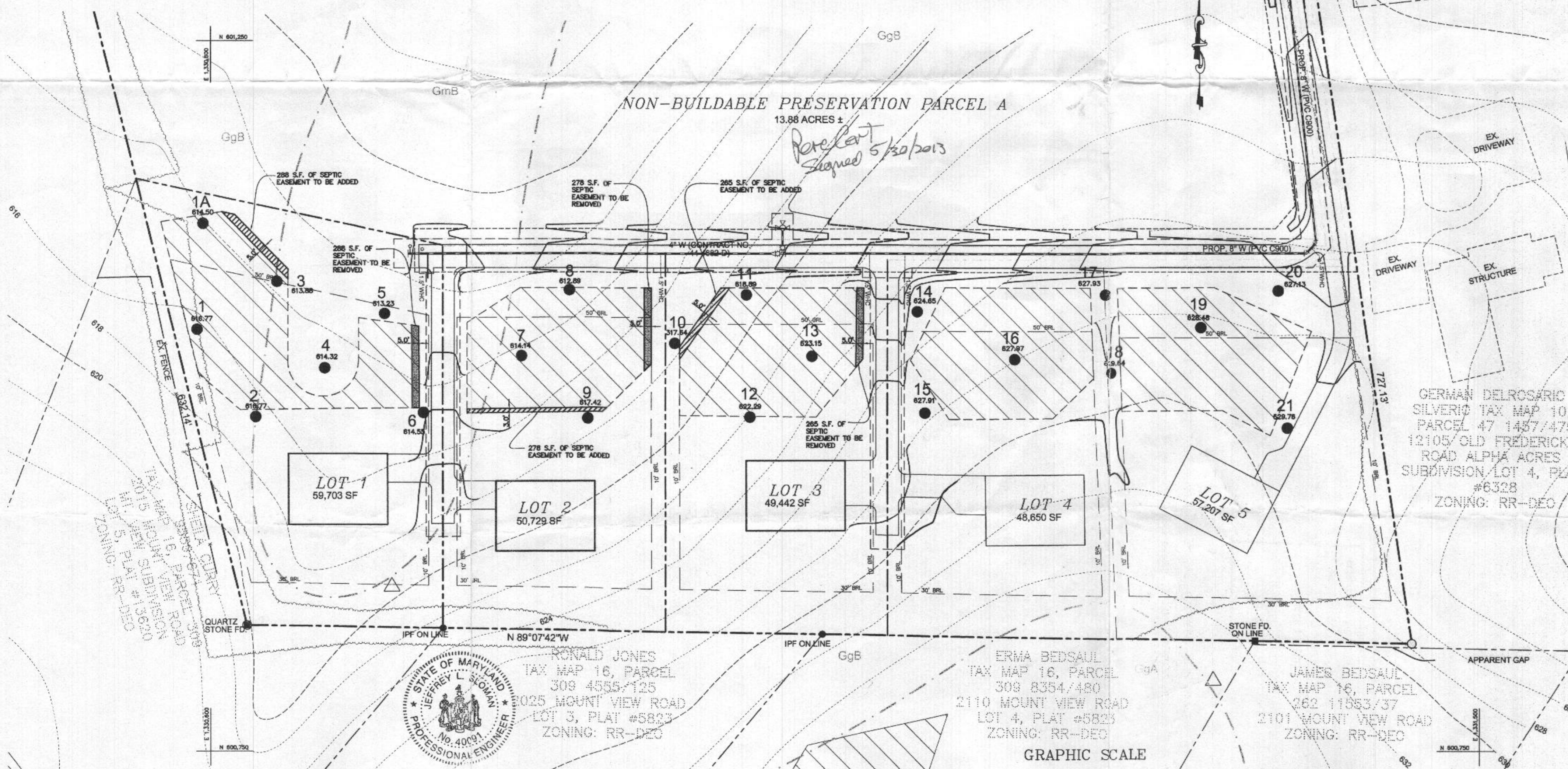
• Perc Test - Pass

MATCHLINE TIS SHEET



**VICINITY MAP**

SCALE: 1"=2000'  
 ADC MAP 11, GRID T-8



GRAPHIC SCALE  
 ( IN FEET )  
 0 25 50 100 200

APPROVED FOR PUBLIC WATER AND PRIVATE SEPTIC SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT

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. 40091, EXP DATE 2/13/15.  
 JEFFREY L. SLOWAN, P.E. DATE 5/14/13

**OWNER/DEVELOPER**  
 DORSEY FAMILY HOMES  
 10717 BIRMINGHAM WAY SUITE B  
 WOODSTOCK, MARYLAND 21163  
 410-465-7200

P:\2004\12-030\dwg\perc cert.dwg

APPROVED FOR PUBLIC WATER AND PRIVATE SEPTIC SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 [Signature] DATE 5/30/2013

Project	12-030	date	MAY 2013
Illustration	MM	engineering	MM
scale	1" = 50'	approval	JLS

no.	description	date

SHIPLEY'S CHOICE  
 LOTS 1, 2 AND 3  
 TAX MAP 10 GRID 19 PARCEL 15 (PLAT #21821)  
 HOWARD COUNTY  
 THIRD ELECTION DISTRICT  
 AMENDED PERCOLATION CERTIFICATION PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 6800 Deerpath Road, Suite 150, Ellicott City, MD 21075  
 (410) 997-0236 Balt. (410) 997-0238 Fax