

# APPLICATION

## PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 8/15/95

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 Feaga Family

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Land Marketing Inc. c/o Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City PHONE 313-8808  
21042

PROPERTY LOCATION:

SUBDIVISION Feaga Property LOT NO. 37A 38 42

ROAD AND DESCRIPTION Rt 144 + Folly Quarter Rd

TAX MAP 16 + 23 PARCEL # 34 + 63

SIZE OF LOT 1 acre +/- TYPE BLDG. SFD  
(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. Mark A. Reil  
(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 \_\_\_\_\_

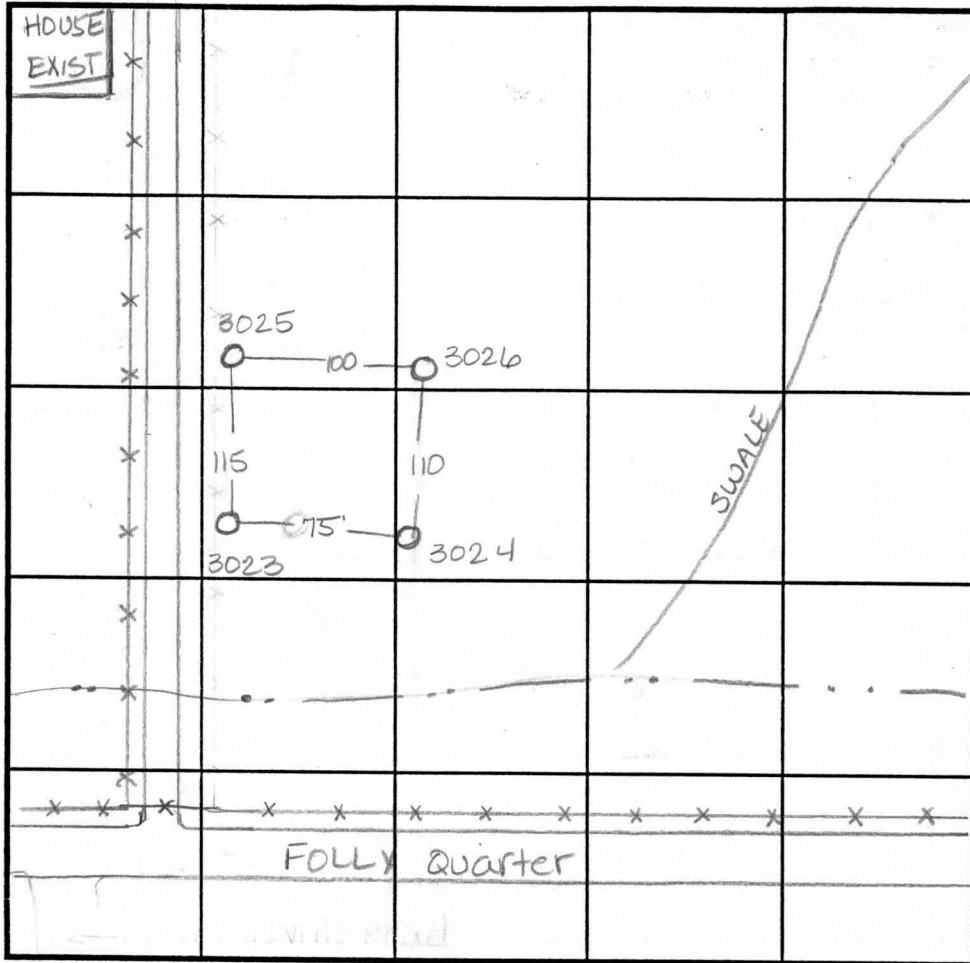
# THIS IS NOT A PERMIT

COUNTY #

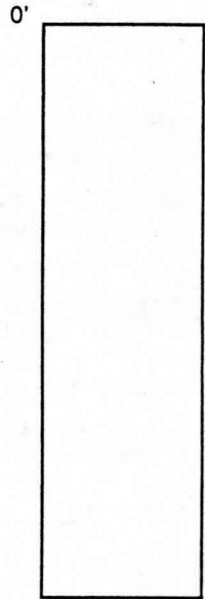
SOIL PROFILE

3025, 3026

0'  
brn  
SalcLm  
micaceous  
1 1/2'  
lgt brn  
mottled  
orange  
blk & white  
most  
likely  
from  
rock



SOIL PROFILE



3023, 3024

3.5'  
medium  
brown  
SicLm  
micaceous  
Salm  
10%  
rock  
frags  
very  
dry &  
powdery

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-8-95	3025	3' / V13.5	12:34 <sup>30</sup>	12:36	12:36	12:37 <sup>30</sup>	1 1/2 min
	3026	Visual	to 13'	- see profile	-	-	OK
	3023	Visual	to 12 1/2'	- see profile	-	-	OK
	3024	3.5' / V12'	12:36	12:40	12:40	12:46	6 min

REMARKS All distance measurements are approx.

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

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3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 8/13/95

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Feaga Family

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Land Marketing Inc. C/O Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City PHONE 313-8808  
21042

PROPERTY LOCATION:

SUBDIVISION Feaga Property LOT NO. 56 54 54

ROAD AND DESCRIPTION Rt 144 + Folly Quarter Rd

TAX MAP 16 + 23 PARCEL # 34 + 63

SIZE OF LOT 1 acre +/- TYPE BLDG. SFD  
(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. Mark A Reil  
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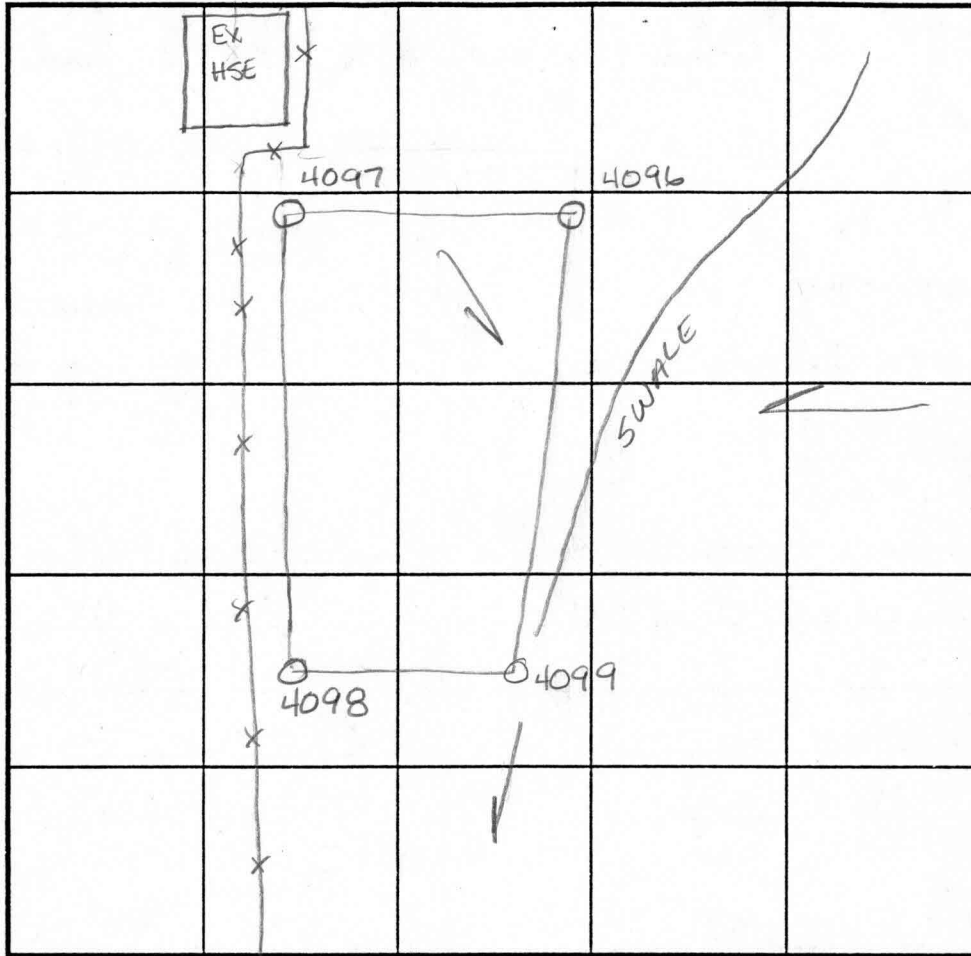
SOIL PROFILE

0'

Empty rectangular box for soil profile notes.

Empty rectangular box for soil profile notes.

Empty rectangular box for soil profile notes.



SOIL PROFILE

0'

Empty rectangular box for soil profile notes.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
H-10-98	4099 4096 4098	Visual - water @ 6.0 - most likely due to heavy rains on day of testing not a high H <sub>2</sub> O table condition					
	4097	Visual to 12.0 - dry					OK

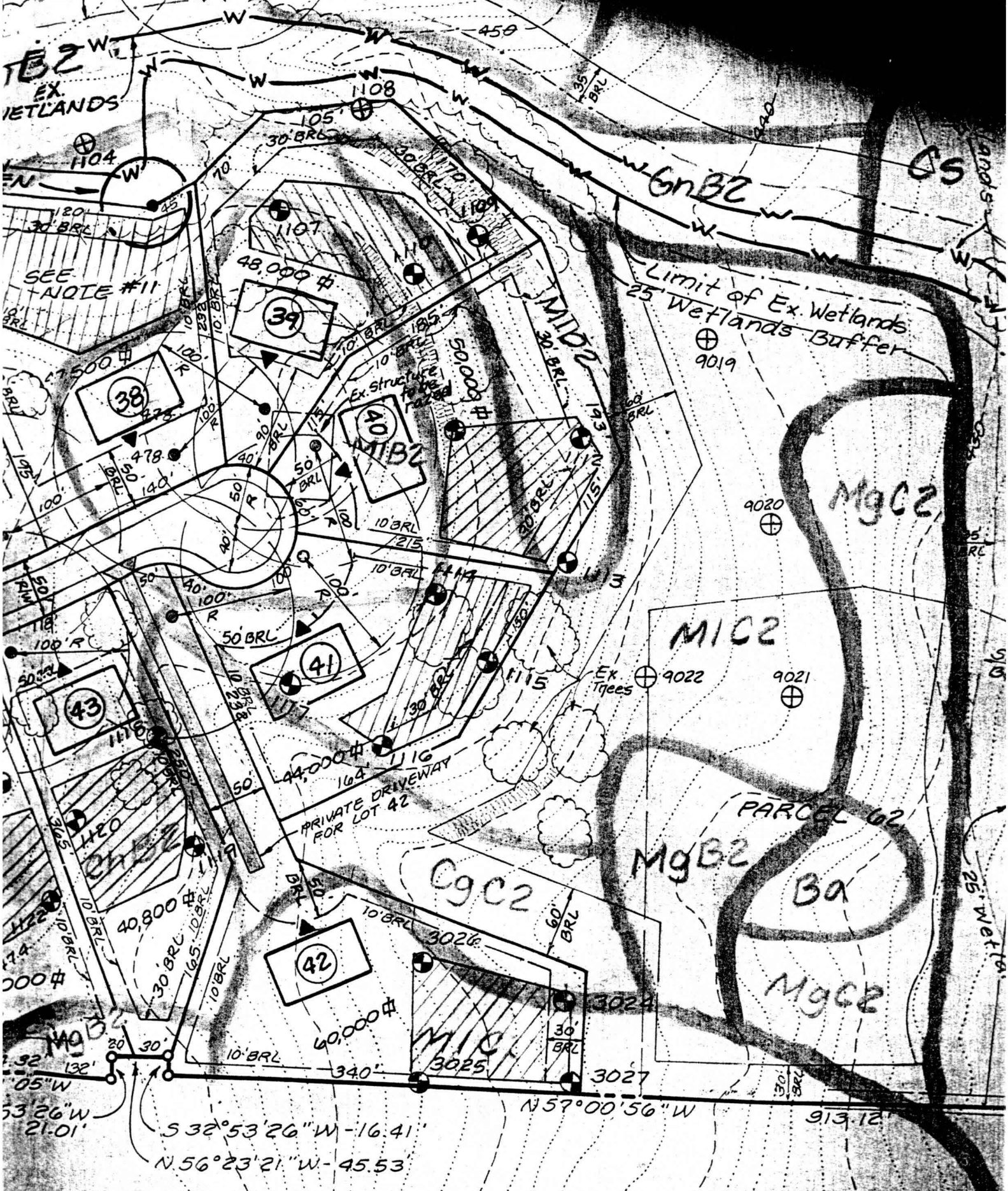
REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

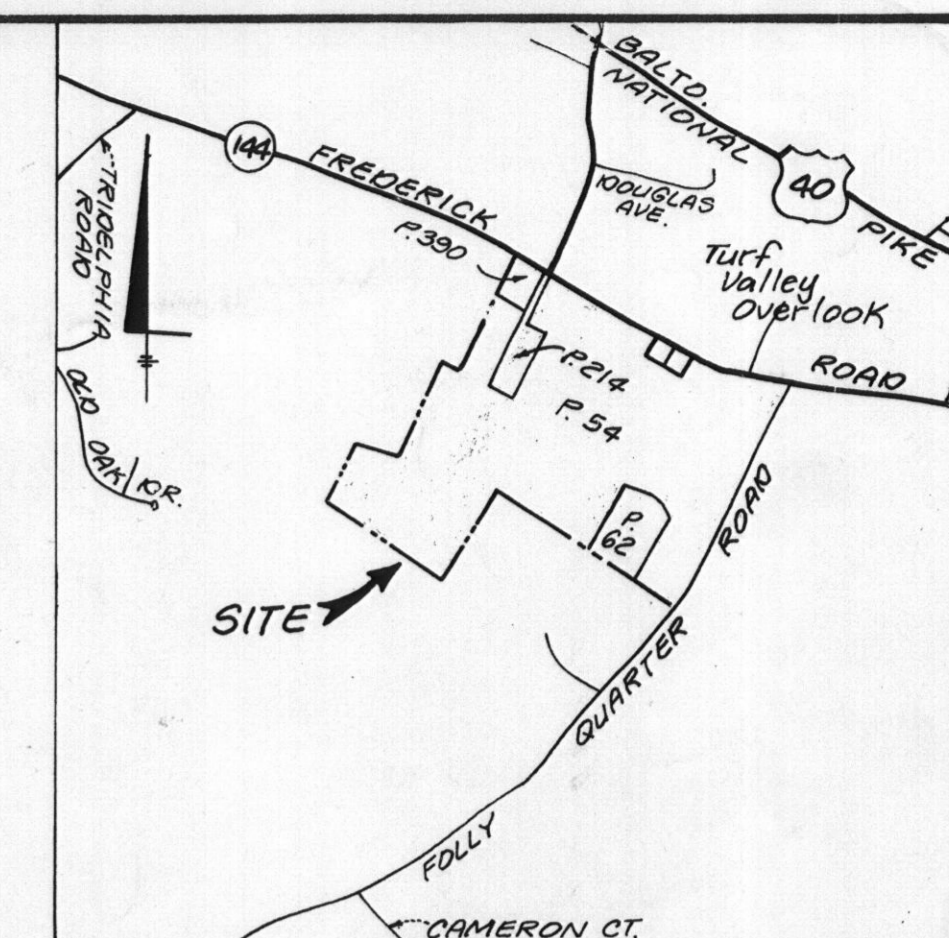
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



ANET T. BECK  
 Folio 42  
 RC

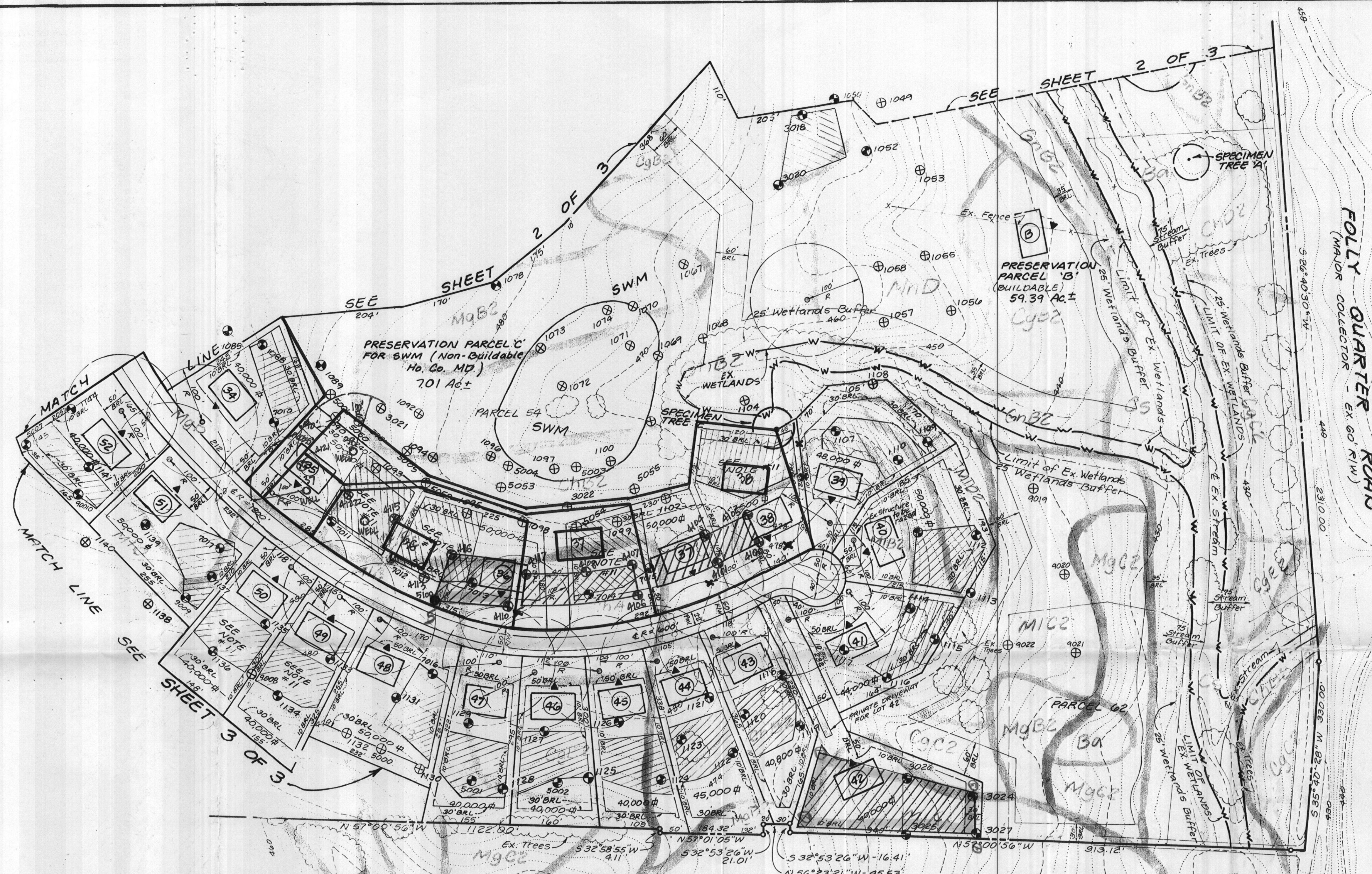
Approved Perc Cert  
 11.13.97



**VICINITY MAP**  
Scale: 1" = 2000'

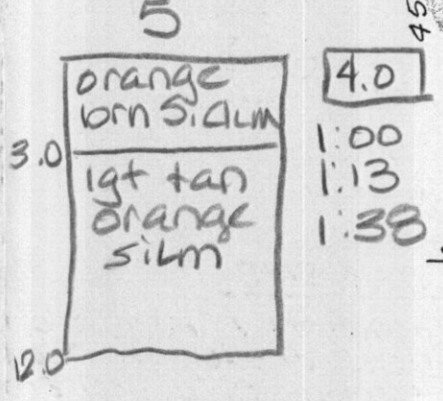
**GENERAL NOTES:**

- EXISTING ZONING: RC (RURAL/CONSERVATION) PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- DEED REFERENCES: PARCEL 54 - 974/614  
PARCEL 62 - 1638/667  
PARCEL 214 - 963/157  
PARCEL 390 - 960/423
- TOTAL AREA OF PROPERTY: 208.031 AC.±
- THE LOTS SHOWN COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE TOPOGRAPHY SHOWN IS COMPILED FROM THE HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
- EXISTING DWELLING UNITS ARE LOCATED ON LOT NOS. 26, 33 AND 39/40. UNITS ON LOTS 26 & 33 ARE TO REMAIN. STRUCTURE ON LOTS 39/40 IS TO BE RAZED.
- SOIL GROUP DELINEATION TAKEN FROM USOA MAP NO. 15.
- ALL PERCOLATION TESTS HAVE BEEN FIELD LOCATED. ALL EXISTING WELLS AND SEPTIC SYSTEMS HAVE BEEN SHOWN WITHIN 100 FEET OF PROPERTY BOUNDARY WHICH MAY IMPACT THE FEAGA SUBDIVISION.
- GROUNDWATER APPROPRIATIONS PERMIT MUST BE APPROVED FOR LOTS 1-25, 27-32, AND 34-62 PRIOR TO FINAL RECORD PLAT APPROVAL.
- ALL PROPOSED WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT SIGNATURE APPROVAL.
- INCOMPLETE PERCOLATION TESTING HAS OCCURRED ON THE FOLLOWING LOTS: 1, 12, 13, 35, 36, 37, 38, 49, 50, 56, 57 & 64. ADDITIONAL TESTING SHALL BE REQUIRED FOR THE ABOVE LOTS PRIOR TO THE HEALTH OFFICERS SIGNATURE APPROVAL OF THE FINAL PLAT.
- LOT 4, 5, 6, 62, 70B, 72 AND PRESERVATION PARCEL 'B' WILL REQUIRE A PUMP SYSTEM WITH VISUAL AND AUDIBLE ALARMS FOR INSTALLATION OF THE SEPTIC SYSTEM.
- LOT 62 WILL REQUIRE A COE/MSDE PERMIT TO CROSS THE EXISTING WETLANDS AND BUFFERS FOR CONSTRUCTION OF A SEWAGE DISPOSAL FORCE MAIN.
- TREE PROTECTION FENCE OR BLAZE ORANGE FENCE SHALL BE PLACED AROUND THE PERIMETER OF THE SEWAGE DISPOSAL EASEMENT PRIOR TO ANY CONSTRUCTION OF ROAD OR LOT IMPROVEMENTS TO INSURE THAT PLACEMENT OF FILL MATERIAL UPON THE EASEMENT AREA WILL NOT OCCUR.



**LAND TABULATION:**

- TOTAL NUMBER OF LOTS: 84  
A. BUILDABLE: 83  
B. PRESERVATION PARCELS/BUILDABLE: 1
- TOTAL AREA OF LOTS:  
A. BUILDABLE: 92.63 AC.±  
B. PRESERVATION PARCELS/BUILDABLE: 59.39 AC.±  
C. PRESERVATION PARCELS/NON-BUILDABLE: 40.40 AC.±
- TOTAL AREA OF PUBLIC ROAD R/W: 15.55 AC.±
- TOTAL AREA OF SUBDIVISION: 208.031 AC.±



**SOILS LEGEND**

SYMBOL	NAME	SLOPE/CHARACTERISTICS
Ba	Baile Silt Loam	
CgB2	Chester Gravelly Silt Loam 3 to 8% Mod. Eroded	
CgC2	Chester Gravelly Silt Loam 8 to 15% Mod. Eroded	
ChA	Chester Silt Loam 0 to 3%	
ChB2	Chester Silt Loam 3 to 8% Moderately Eroded	
ChC2	Chester Silt Loam 8 to 15% Moderately Eroded	
ChD2	Chester Silt Loam 15 to 25% Moderately Eroded	
Cs	Comus Silt Loam	
EMB2	Elidak Silt Loam 3 to 8% Moderately Eroded	
GIB2	Glennly Loam 3 to 8% Moderately Eroded	
GIC2	Glennly Loam 8 to 15% Moderately Eroded	
GIC3	Glennly Loam 8 to 15% Severely Eroded	
GID3	Glennly Loam 15 to 25% Severely Eroded	
GnA	Glennville Silt Loam 0 to 3%	
GnB2	Glennville Silt Loam 3 to 8% Moderately Eroded	
MgB2	Manor Gravelly Loam 3 to 8% Moderately Eroded	
MgC2	Manor Gravelly Loam 8 to 15% Moderately Eroded	
MgC3	Manor Gravelly Loam 8 to 15% Severely Eroded	
M1A	Manor Loam 0 to 3%	
M1B2	Manor Loam 3 to 8% Moderately Eroded	
M1C2	Manor Loam 8 to 15% Moderately Eroded	
M1D2	Manor Loam 15 to 25% Moderately Eroded	
M1D3	Manor Loam 15 to 25% Severely Eroded	
MnD	Manor Very Stony Loam 3 to 25%	

**LEGEND**

- EX. PERCOLATION TEST
- ⊕ PERCOLATION TEST (Passed)
- ⊖ PERCOLATION TEST (Failed)
- ⊗ ROCK/CLAY - PERC. TEST
- ⊙ EX. WELL SITE
- ▨ EX. SEWAGE DISPOSAL AREA
- ▩ PROP. SEWAGE DISPOSAL AREA
- ⋯ SOIL GROUP DELINEATION
- 25% OR > STEEP SLOPES
- ① PROP. DWELLING / LOT NUMBER
- ② FRONT ORIENTATION
- ③ PROP. WELL SITE

**OWNERS**

**PARCEL 54:** MARIAN E. FEAGA LIT  
11315 Frederick Road  
Ellicott City, MD 21042  
L. 974/F 614  
Zoned: RC 187.356 Ac.±

**PARCEL 62:** MARIAN E. FEAGA ETAL  
11157 Route 144  
Ellicott City, MD 21042  
L. 1639/F 697  
Zoned: RC 11.0 Ac.±

**PARCEL 214:** CHARLES C. and BARBARA W. FEAGA  
11305 Frederick Road  
Ellicott City, MD 21042  
L. 974/F 614  
Zoned: RC 5.643 Ac.±

**PARCEL 390:** MARIAN E. FEAGA (Lot 1)  
11315 Frederick Road  
Ellicott City, MD 21042  
L. 960/F 423 Plat 4360  
Zoned: RC 3.001 Ac.±

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MD. STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECREATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE  
HOWARD COUNTY HEALTH DEPARTMENT  
*Howe M. Boyd*  
Howard County Health Officer ALM  
11/3/97  
Date

*BRUCE D. BURTON*  
11/3/97

**4/98 Percolation Testing Plan / Lot**

<b>LDE, INC. Reconfiguration</b>		
9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)		
Designed: BOB	<b>PERCOLATION TEST PLAT</b>	Scale: 1" = 100'
Drawn: KBW	<b>FEAGA PROPERTY</b> MD. RTE. 144 AT FOLLY QUARTER ROAD LOTS 1 - 82 and Parc. A-F Tax Maps 16 & 23 Parcels 54, 62, 214 & 390	Drawing 1 of 3
Checked: BOB	3rd Election District; Howard County, MD. Previous Submittals: 596-23	LDE Job# 95-056
Date: Oct. 1996	<b>DEVELOPER</b> BRANTLY DEVELOPMENT GROUP, INC. 8835 Columbia 100 Parkway Unit F, Columbia, MD (410) 730-0810	File No.
<b>REVISIONS</b>		
No.	DATE	DESCRIPTION