



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 523130

AGENCY REVIEW: _____

DATE 8/15/05

TAX ID # 04-330951

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 unknown 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) Furr, Parker Jackson

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 9160 Hitching Post Ln, Laurel MD 20723
STREET CITY/TOWN STATE ZIP

APPLICANT KCE ENGINEERING, INC. CONTACT: VIR KATHURIA

DAYTIME PHONE 410-203-9800 CELL _____ FAX 410-203-9228

MAILING ADDRESS 3300 N. RIDGE ROAD, STE 315, ELLICOTT CITY, MD 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME FURR PROPERTY LOT NO. _____

PROPERTY ADDRESS W. Watersville Rd. Mt. Airy MD 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 2 GRID 14 PARCEL(S) 55 PROPOSED LOT SIZE 2.41 ACS.

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]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

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 _____

A/P C-4

Brown heavily
Rotated
L 1 1/2'

Yellow/Brown
micaceous
Sil w/ 20% flaggy
mica schist 3 1/2'

Yellow/Brown
micaceous
Sil w/ 20% flaggy
mica schist 8'

Yellow Sil
w/ 40%
flaggy
mica
schist 10'

C-5

Brown heavily
rotated L 1 1/2'

Yellow/Red
micaceous
Sil w/ 10% flaggy
mica schist 4'

Yellow/Brown
Sil w/ 10%
flaggy mica
schist 8'

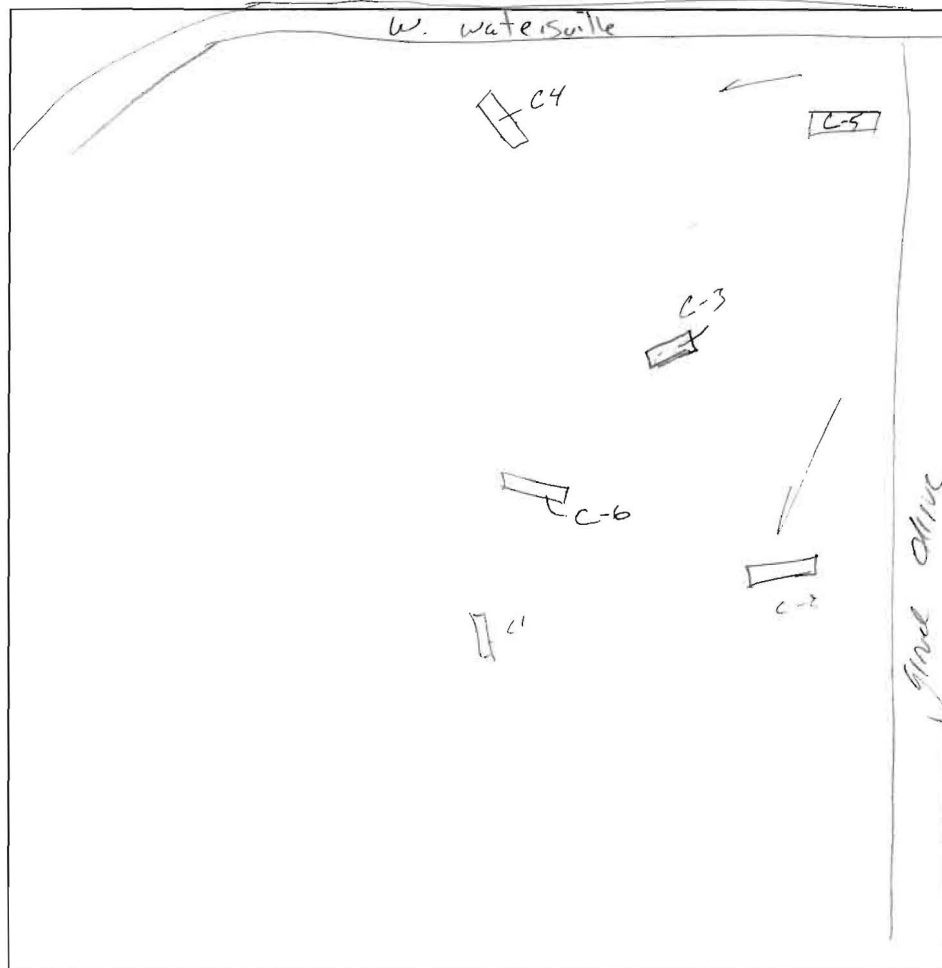
Yellow/Brown
Sil w/ 30%
flaggy
mica schist 11 1/2'

C-3

Brown/black
L 2'

Orange/Brown
micaceous Sil
w/ 25% flaggy
mica schist 9 1/2'

Yellow/Brown
Sil w/
40%
flaggy/stony
mica
schist 11'



C-1

Brown
L 1 1/2'

Yellow/Brown
Sil w/
20% flaggy
mica schist 4'

Brown micaceous
Sil w/
75%
flaggy mica
schist 7'

C-2

Brown
L 1'

Yellow/Brown
micaceous
Sil w/
10% flaggy
mica schist 5'

Brown/Yellow
Sil w/ 20%
micaceous schist 9'

Yellow Sil
w/ 30-35%
mica schist 11'

C-6

Brown
L 2'

Yellow/Red
micaceous
Sil
w/ 10%
flaggy, stony
mica schist 7'

Yellow/Brown
micaceous
Sil w/
30% flaggy
mica schist 11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/20/05	C-4	4' / 10'	8:11	8:12	8:13	1 min	F
	C-5	4' / 11 1/2'	8:03	8:07	8:18	11 min	P
	C-4	Re-Pour	8:14	8:15	8:17	2 min	P
	C-3	4' / 11'	8:21	8:21:55	8:22:55	1 min	F
	C-3	Re-Pour	8:24:20	8:25:25	8:26:20	2 min	P
	C-1	9'	- Visual -			Rock	F
	C-2	3 1/2' / 11'	8:38	8:41	8:48	7 min	P
	C-6	4 1/2' / 11'	9:20	9:27	9:50	23 min	P

REMARKS _____

SANITARIAN KJB BACKHOE K+K OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

		TYPE
	loam, 3 to 8% slopes, moderately eroded	B
GIC2	Glenelg loam, 8 to 15% slopes, moderately eroded	B


APPROVED FOR PUBLIC WATER AND PRIVATE SEWAGE
SYSTEM, HOWARD COUNTY HEALTH DEPARTMENT.

Robert J. Weber 9/27/05
for COUNTY HEALTH OFFICER *KSB* DATE *MGP*

NOTES:

1. This site is zoned RC-DEO per the 10-18-93 Comprehensive Zoning Plan.
2. BRL denotes Building Restriction Line.
3. Driveway shall be provided per the following minimum requirements:
 - a. Width-12' (14' serving more than one residence);
 - b. Surface-6" of compacted crusher run base w/tar and chip coating (1-1/2" min.);
 - c. Geometry-Max. 15% grade, max. 10% grade change and min. 45' turning radius;
 - d. Structures (culverts/bridges)-capable of supporting 25 gross tons (H25 loading);
 - e. Drainage Elements-capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface;
 - f. Maintenance-sufficient to insure all weather use.
4. Topography shown here is based on field run topo performed by KCE Engineering, Inc. in July, 2005.
5. Boundary survey was performed by KCE Engineering, Inc. in July, 2005.
6. There are no steep slopes (>25%) located on site.
7. The existing well(s) shown on this plan has been field verified by KCE Engineering Inc.

8. The lot shown herein complies with the minimum ownership with and lot area as required by the Maryland State Department of the Environment.

 THIS AREA DESIGNATES A PRIVATE EASEMENT OF MINIMUM OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND 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 WILL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

PERCOLATION CERTIFICATION PLAN
FURR PROPERTY
PARCEL 55, TAX MAP 2, GRID 14
LIBER 6496, FOLIO 417
MT. AIRY, HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'

JOB NO.: 05110.00

DATE : 9/20/2005

SHEET : 1 OF 1



Howard County
Health Department

7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

August 26, 2005

Charles W. Schroyer
1225 Emmaus Road
Woodbine, Maryland 21797

Perc Test Results A-52130
Tax Map 2, Parcel 55
Furr Property

To Whom It My Concern:

Percolation testing conducted 8/26/05 on the referenced property indicated satisfactory and conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

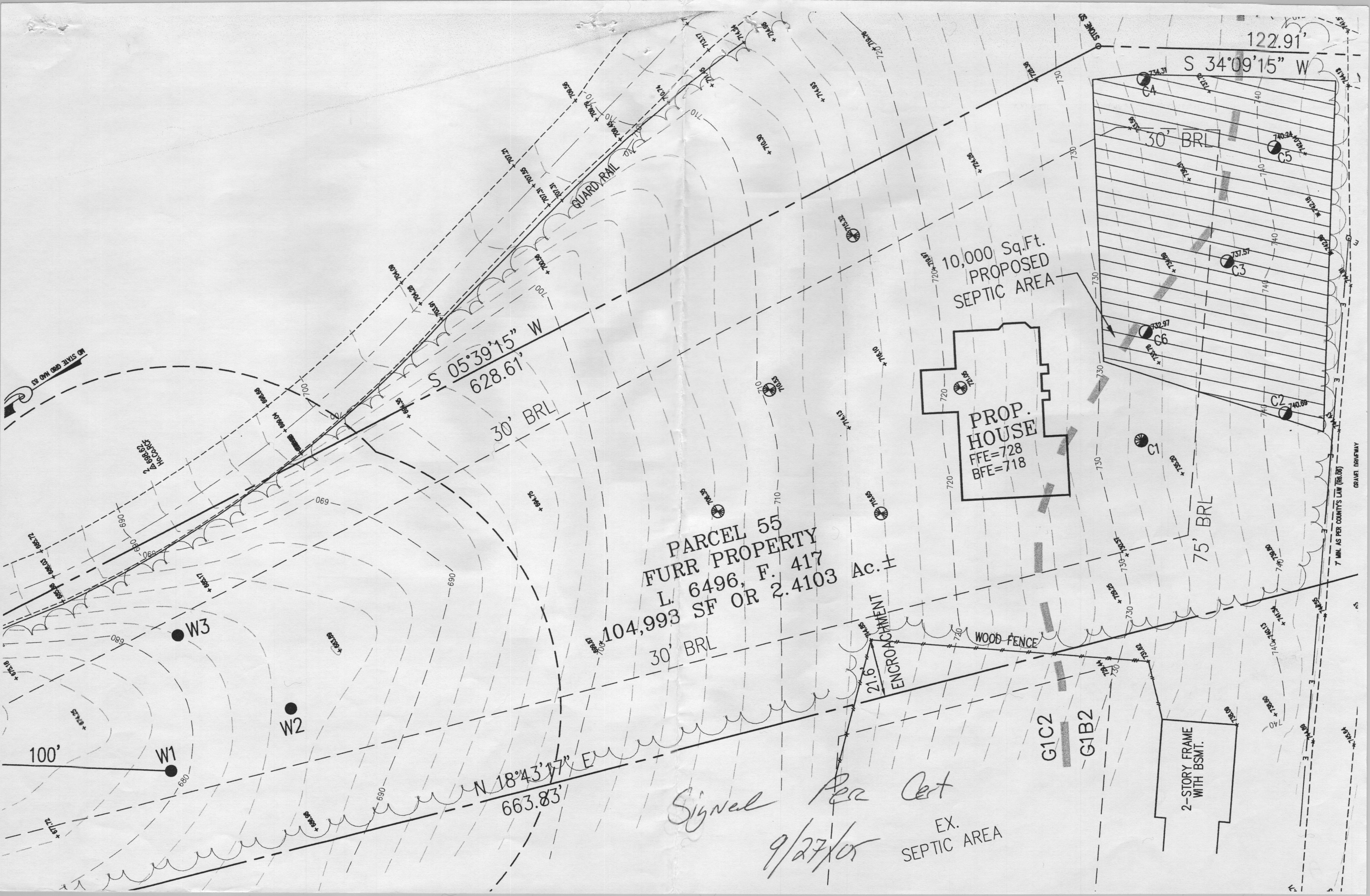
- 1) Actual locations and elevations of all excavated test holes
- 2) Proposed house, well and septic system
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of Property boundaries have been shown
- 5) A note indicating that depicted topography reflects field-matched information
- 6) A health officer signature block stating "approved for private water and private sewer systems"
- 7) A MDE sewage disposal area statement is required
- 8) MDE minimum lot width statement

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

Kevin J. Bell
Water and Septic Program
Development Coordination Section

KJB
Enclosures
Cc: KCE Engineering, Inc.
File



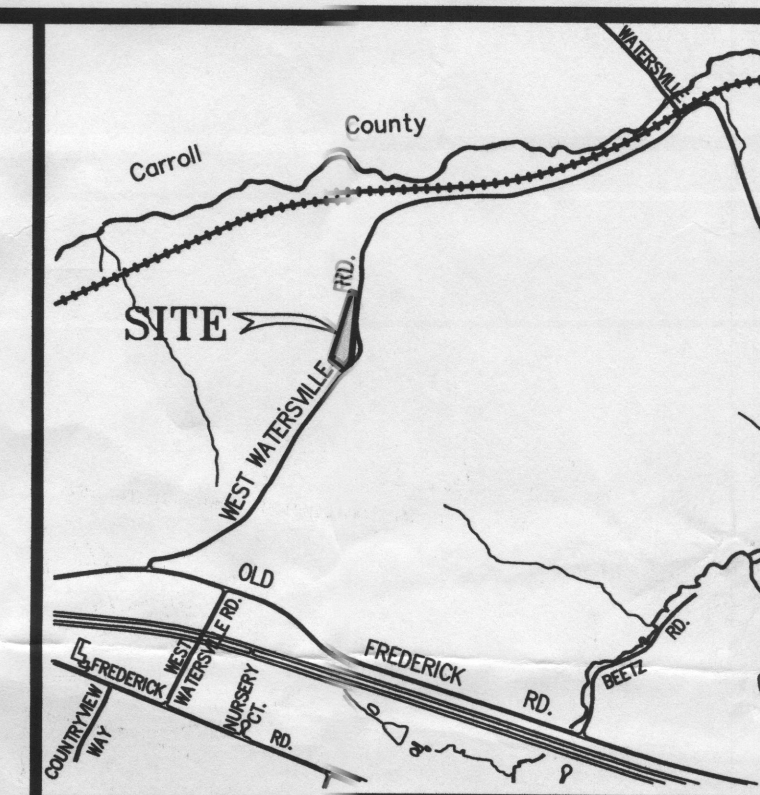
PARCEL 55
FURR PROPERTY
L. 6496, F. 417
104,993 SF OR 2.4103 Ac.±

10,000 Sq.Ft.
PROPOSED
SEPTIC AREA

PROP.
HOUSE
FFE=728
BFE=718

2-STORY FRAME
WITH BSMT.

Signal Per Cert
9/27/05
EX.
SEPTIC AREA



SEAL