

APPLICATION

PERCOLATION TESTING

perc in support of 1-lot sub.

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

A _____

P _____

DISTRICT _____

DATE _____

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 Brothingham

ADDRESS 799 Rt. 32 PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION 7 LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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.

(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

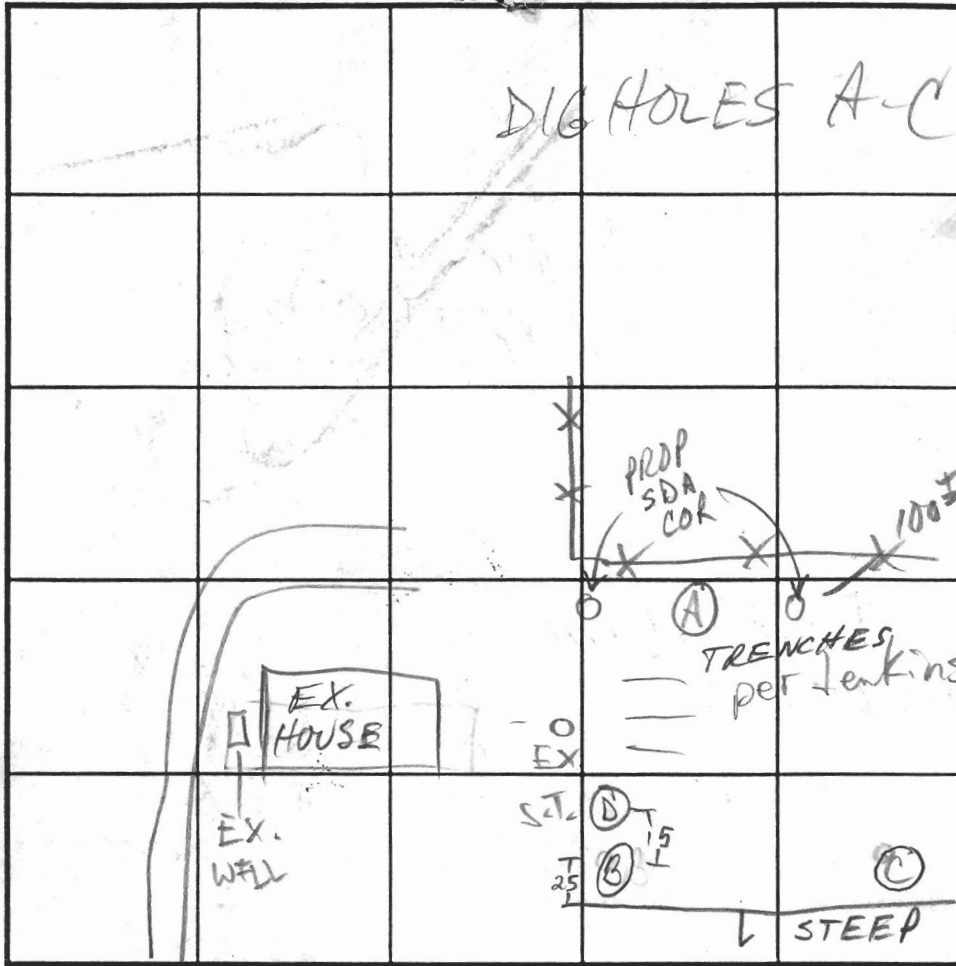
COUNTY #

SOIL PROFILE

0' B
 14. brn
 sa hvy 1m
 2-3
 tan beige
 gray sa
 25-30%
 Hard
 frags
 8
 11

N D
 5
 6"
 17. brn
 hvy salm
 2
 tan
 beige
 gray
 sand
 20%
 hard
 frags
 10 1/2
 HARD

C
 orge
 brn
 hvy 1m
 3
 tan
 beige
 sand
 10-15%
 frags
 15



SOIL PROFILE

0' A
 orge brn
 hvy
 salm
 2-3
 tan beige
 gray
 sand
 15-20%
 frags
 10
 25%
 frags
 13
 HARD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. RT. 32

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
9/23/02	B V	8-11	MARGINAL	HARD	- AVOID BY 25'		
	D V	10 1/2	HARD	BOT			
	D M	6 1/2	9:36:05	9:38	9:38	9:43	5
	C V	15					
	A V	13					

REMARKS _____

TYPE OF SOIL _____

TESTED BY M. Ripken ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3

INLET DEPTH 2 MAXIMUM BOTTOM DEPTH 4 SQ. FT./BEDROOM 180

PERMIT

01159
A

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELICOTT CITY

DISTRICT 3rd

DATE 6/22/59

Maurice Larson IS PERMITTED TO INSTALL ALTER

ADDRESS Skyp Dr. Md. PHONE 218R Skyp.

A SEWAGE DISPOSAL SYSTEM LOCATED AT Cor. Rt. 32nd N. St. to Marshall Way

SUBDIVISION 799 ROAD Rt 32nd LOT

PROPERTY OWNER Easthimer

ADDRESS

SPECIFICATIONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS 1 ABSORBENT SIDE-WALL AREA 10' X 10' SQ. FT.

SEPTIC TANK CAPACITY GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA & TANK CAPACITY 50%.

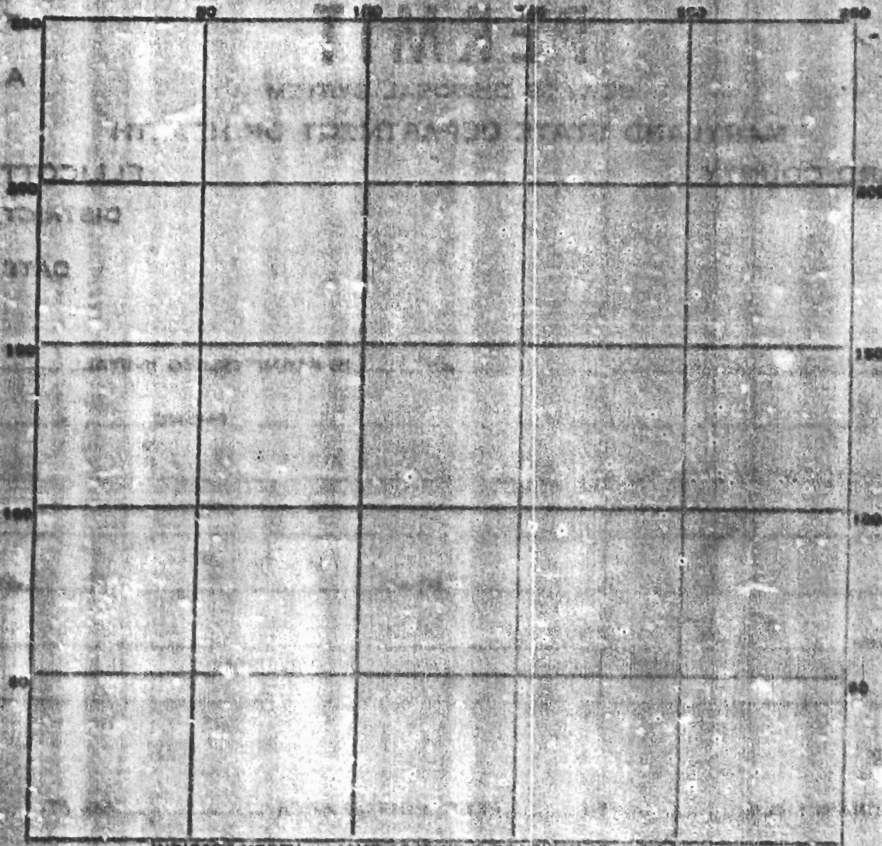
OTHER 7.50 extra tank to be installed if used in 1959
per

PLANS APPROVED BY Robert F. Wain DATE 6/22/59

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER AND WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

01159



PERMIT CARD _____
 SEPTIC TANK LEVEL _____ CLEANOUTS _____
 DISTRIBUTION BOX LEVEL _____
 TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.
 GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.
 NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____
 SEEPAGE FITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS *11-19-57. System not yet installed. Told Mrs. Farthingham
 to notify H. Dept. for inspection before covering system. J.H.*

DATE SYSTEM APPROVED *Completed 9-15-61* INSPECTOR *P.O.*



HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health
3525-H Ellicott Mills Drive, Ellicott City, Maryland 21043-4544
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

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

July 5, 2002

Larry Litt
825 Route 32
Sykesville, MD 21784

RE: Percolation Test Date and Contingencies
Frothingham Property, 799 Route 32, Tax Map 4, Parcel 2
Proposed Tenant House

Dear Mr. Litt:

Percolation testing has been tentatively scheduled for the referenced proposal for **Friday, July 12, 2002 at 9:00 a.m.**

Test holes should be excavated in the locations discussed in the field on July 5, 2002. **The applicant shall provide a backhoe onsite to excavate the test holes to a minimum depth of 14 feet. Test hole locations and suitability are subject to the field inspector's evaluation/modification.**


As discussed on July 5, 2002, the property owner, James Frothingham, is requesting temporary relief from the standard requirement to conduct percolation tests to establish repair area for the existing dwelling on the property. This office will grant that relief, contingent upon the following:

- 1) the percolation tests and any necessary septic system repair/replacement will be completed prior to Health Department recommendation for occupancy approval of the proposed dwelling, or submittal of a record plat for signature, whichever occurs first;
- 2) these tests will be conducted in locations which will verify the nature of the soils in the vicinity of the existing septic system and establish the required minimum 10,000 ft² sewage disposal area;
- 3) the locations of these tests have yet to be determined but at least four test holes will be excavated;
- 4) the owner agrees to repair/replace the septic system at his expense, as directed by the Health Department;
- 5) the owner understands that Health Department records, as well as agency experience, indicate some tendency toward unacceptably rocky soils in the vicinity, and that the referenced septic system repair/replacement may require system installation in an inconvenient or remote location; and
- 6) these contingencies will be documented for reference on the percolation certification plan to be submitted by your engineer for approval of the proposed sewage disposal area.

copy to
all parties
this date

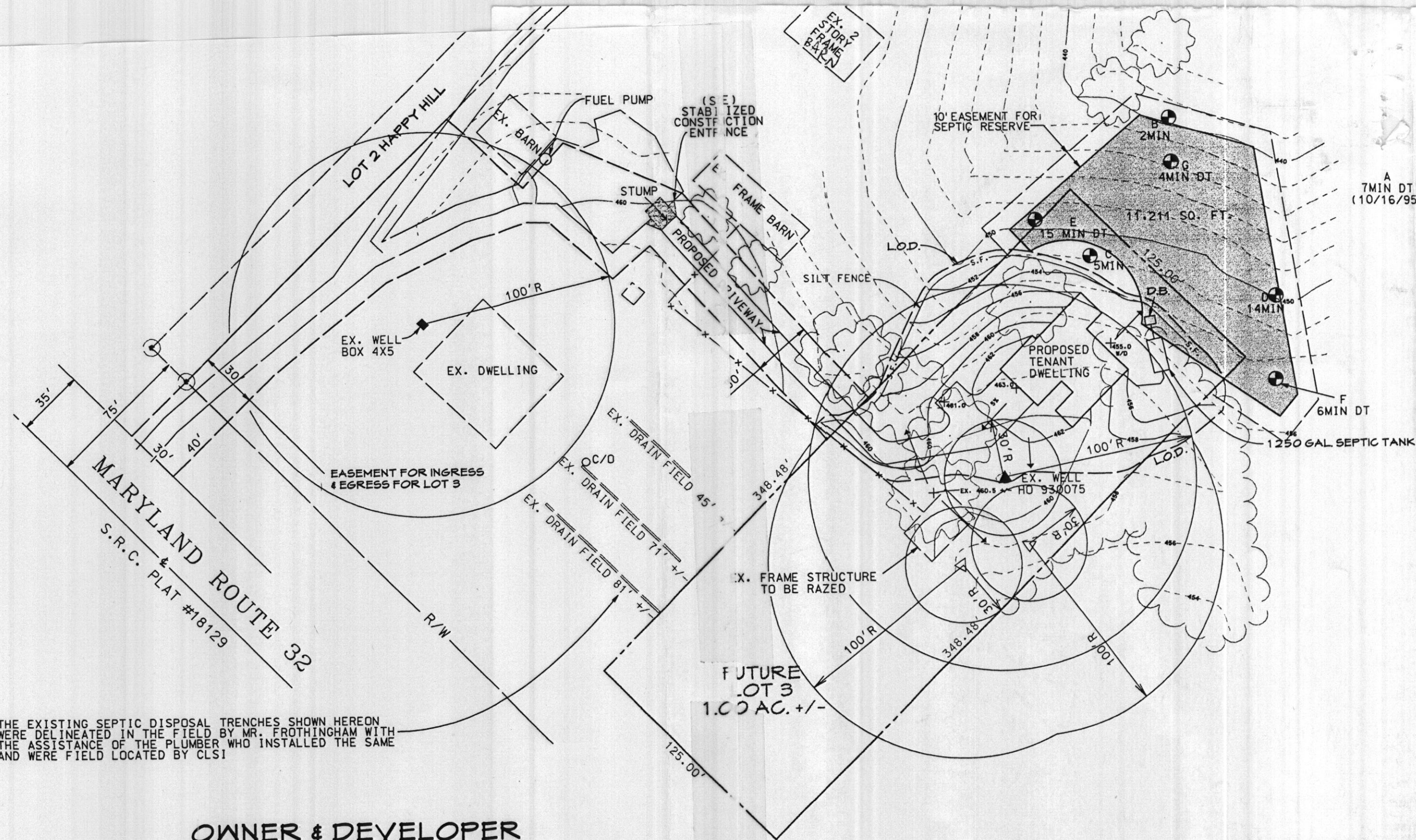
In the event of uncertain weather (i.e., precipitation or temperature extremes), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date will be assigned.

Percolation test results will be available for distribution by mail approximately three weeks after the completion of the percolation testing. Thank you in advance for your cooperation in this matter. If you have any questions, please call this office at the number listed above.

Very truly yours,

Mark E. Rifkin
Well and Septic Program

MR
cc: CLSI
File

7/5/02 ACCEPTABLE w/MR. LITT (MR)



5. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.

6. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE

NOTE:
 THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.

A PERPETUAL EASEMENT WILL BE RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY TO SUPPORT THE "SEWERAGE DISPOSAL AREA" FOR THE TENANT HOUSE AS SHOWN HEREON.

THE TENANT LOT SHOWN ON THIS PLAT COMPLIES WITH THE MINIMUM LOT WIDTH & AREA AS SET FORTH BY THE MD STATE DEPARTMENT OF ENVIRONMENTAL HEALTH AND MENTAL HYGIENE. (COMAR MINIMUM OWNERSHIP 26.04.03.03)

THE PROPOSED TENANT HOUSE HAS 3 BEDROOMS

THE TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY CLSI ON 4/30/02 AND ACCURATELY DEPICTS THE EXISTING FIELD CONDITIONS.

The owner has agreed to take all necessary steps to establish a suitable 10,000 sq. ft sewage easement for the existing dwelling, and repair the system as necessary prior to submittal of a record plat for signature, as stipulated in the Health Department's letter to the owner's agent on 7/5/02. Submittal of a revised percolation certification plan depicting the referenced easement and associated test locations will be required prior to submittal of record plat for signature.

THE EXISTING SEPTIC DISPOSAL TRENCHES SHOWN HEREON WERE DELINEATED IN THE FIELD BY MR. FROTHINGHAM WITH THE ASSISTANCE OF THE PLUMBER WHO INSTALLED THE SAME AND WERE FIELD LOCATED BY CLSI

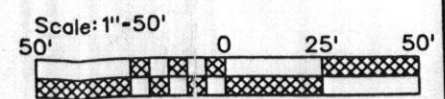
OWNER & DEVELOPER

JAMES R. FROTHINGHAM &
 LEONA R. FROTHINGHAM
 C/O LARRY LITT
 825 ROUTE 32
 SYKESVILLE, MARYLAND 21784

COMBINATION SITE PLAN AND PERCOLATION TEST CERTIFICATION OF PROPOSED TENANT HOUSE FOR HAPPY HILLS FARM

FUTURE LOT 3
 3RD ELECTION DISTRICT • HOWARD COUNTY, MARYLAND

TAX MAP: 449 PARCEL: 2
 LIBER: 776 FOLIO: 721



DATE: 9/30/02

PERC. TESTS E, G, & F SHOWN HEREON HAVE BEEN FIELD LOCATED BY CARROLL LAND SERVICES, INC.
 THE SAID PERC TESTS WERE OBSERVED BY MARK RIFKIN 7-12-02 OF THE HOWARD COUNTY HEALTH DEPARTMENT AND THE RESULTS OF THE SAME ARE SHOWN HEREON.

PERC. TESTS A, B, C, & D LOCATIONS WERE TAKEN FROM HOWARD COUNTY HEALTH DEPARTMENT NOTES BY GLEN SAVAGE

Copy of Signed

CLSI
 Carroll Land Services Incorporated
 Engineers * Surveyors * Land Development Consultants
 Landscape Architects * Environmental Specialists
 439 East Main Street Westminster, MD 21157-5539
 (410) 876-2017 FAX (410) 876-0009

Surveyed By: CLSI
 Computed By: YAF

Drawn By: YAF
 Checked By:

STATE OF MARYLAND
 ALFRED L. HANSARD
 PROFESSIONAL ENGINEER
 Registration No. 102346
 Date: 9/19/02
 Drawing No.: 2001216
 County File No.: