

LAYOUT 10:00 7/16/03 INSP 4 _____
 INSP 2 7/17/03 3pm INSP 5 _____
 INSP 3 12/16/03 INSP 6 _____

ISSUE DATE: 5/29/03
 APPROVAL DATE: 12/16/03

PERMIT INDEXED

P 518989
 A 511441-E

*RPS#
334651*

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER
 ADDRESS: 580 Obrecht Rd, Sykesville 21784 PHONE NUMBER: 410-795-5679
 SUBDIVISION: Estates at Sandhill LOT NUMBER: 29
 ADDRESS: 2144 Grant Farm Court PROPERTY OWNER: Oak Hill Properties, LLC
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED
 PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED
 NUMBER OF BEDROOMS: 4
 SQUARE FEET PER BEDROOM: 180
 LINEAR FEET OF TRENCH REQUIRED: 240

TRENCHES:	Trench to be 3.0 feet wide. Inlet ^{3.5} 4.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 1.5 feet of stone below distribution pipe.
LOCATION:	Distribution box to be placed during layout inspection at the highest useable portion of the sewage disposal area.
NOTES:	Maintain 9 foot edge-to-edge separation for trenches.

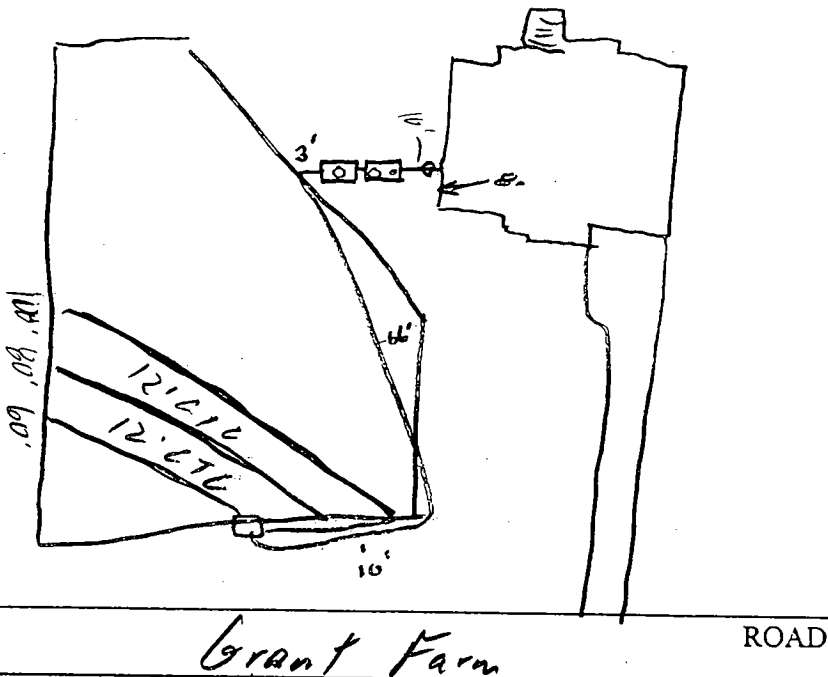
PLANS APPROVED: John Boris *OK SRK 9/23/03* DATE: 3/19/2003

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A511441-E

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3.5	5
NUMBER OF TRENCHES		3
TOTAL LENGTH		240
ABSORPTION AREA		720 4
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		✓

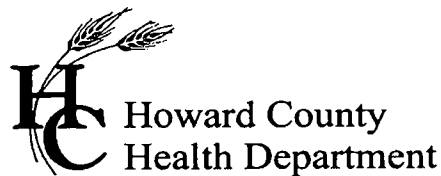
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	✓
BAFFLE FILTER	✓
MANHOLE LOC	Back
6" PORT LOC	Front
WATERTIGHT TEST	✓
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	✓
BAFFLE FILTER	✓
MANHOLE LOC	Center
6" PORT LOC	✓
WATERTIGHT TEST	✓

PRE-CONSTRUCTION 7/16/03 Contour accurate, SRA staked, Install 60'x80' / 100' Trenches on contour (SO) 7/16/03

INSTALLATION 7/17/03 Tanks set, trenches installed. OK to cover (SO) NEEDS PUMP TEST

12/16/03 - Pump & Alarm tests OK (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 12/16/03



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-1771 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

December 17, 2003

Oak Hill Properties, LLC
107 Loudoun Street, SE
Leesburg, VA 20175-3106

SENT VIA FAX TO 703-443-0404

RE: The Estates @ Sand Hill, Lot # 29
2144 Grant Farm Court
BP# B00140442
PUBLIC WATER

Dear Sir/Madam:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 12/16/2003.**

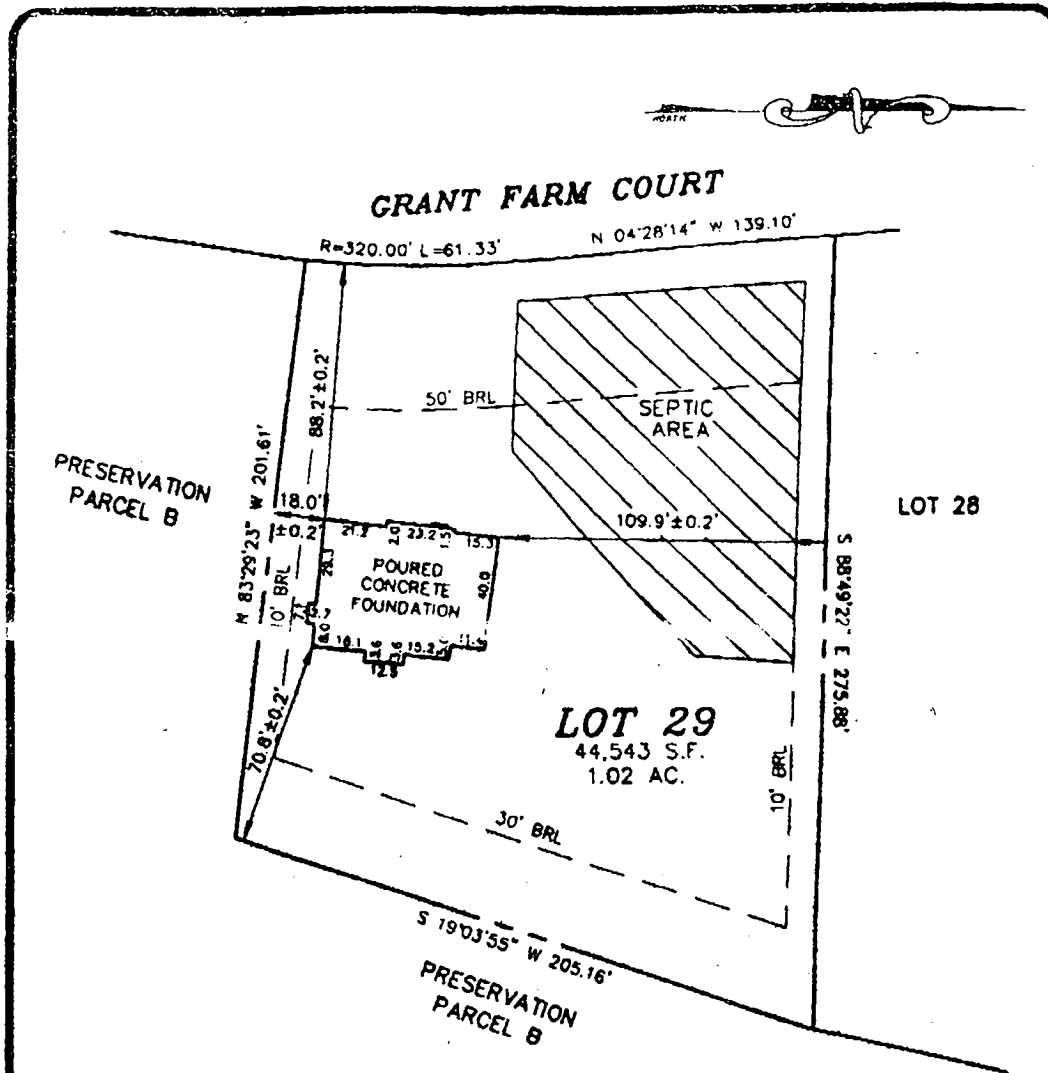
The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority,

Brian Baker
Registered Environmental Sanitarian
Well & Septic Program

mlb
cc: Building Inspector's Office
File



Wall Check
 OK
 (SRM)
 5/23/03

LOT 29
THE ESTATES AT SAND HILL
 LOTS 1 THRU 80
 NON-BUILDABLE PRESERVATION
 PARCELS A & B

- LEGEND**
- O/H = OVERHANG
 - A/C = HEAT PUMP/AIR COND.
 - G/M = GAS METER
 - E/M = ELECTRIC METER
 - C = CHIMNEY
 - B/W = BAY WINDOW
 - D/W = DRIVEWAY
 - CONC = CONCRETE
 - S = CONC STOOP

TOP OF WALL ELEV. = 562.3
 ADDRESS: 2144 GRANT FARM COURT

PLAT NO. 14583
 ELECTION DISTRICT No. 3
 HOWARD COUNTY, MARYLAND

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

MILDENBERG BOENDER & ASSOC., INC.

Engineers, Planners, Surveyors
 6072 Dorsey Hill Drive, Suite 202, Ellicott City, Maryland 21045
 (410) 887-0200 Fax (410) 887-0201 (410) 887-0200 Fax



FOUNDATION	DATE: 05/20/03	FINAL	DATE:
DRAWN BY: M.E.S.	SCALE:		
PROJECT NO: 00-070	LOCATION DRAWING		

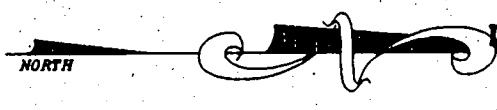
00-064

Total linear feet of trench required 240 feet

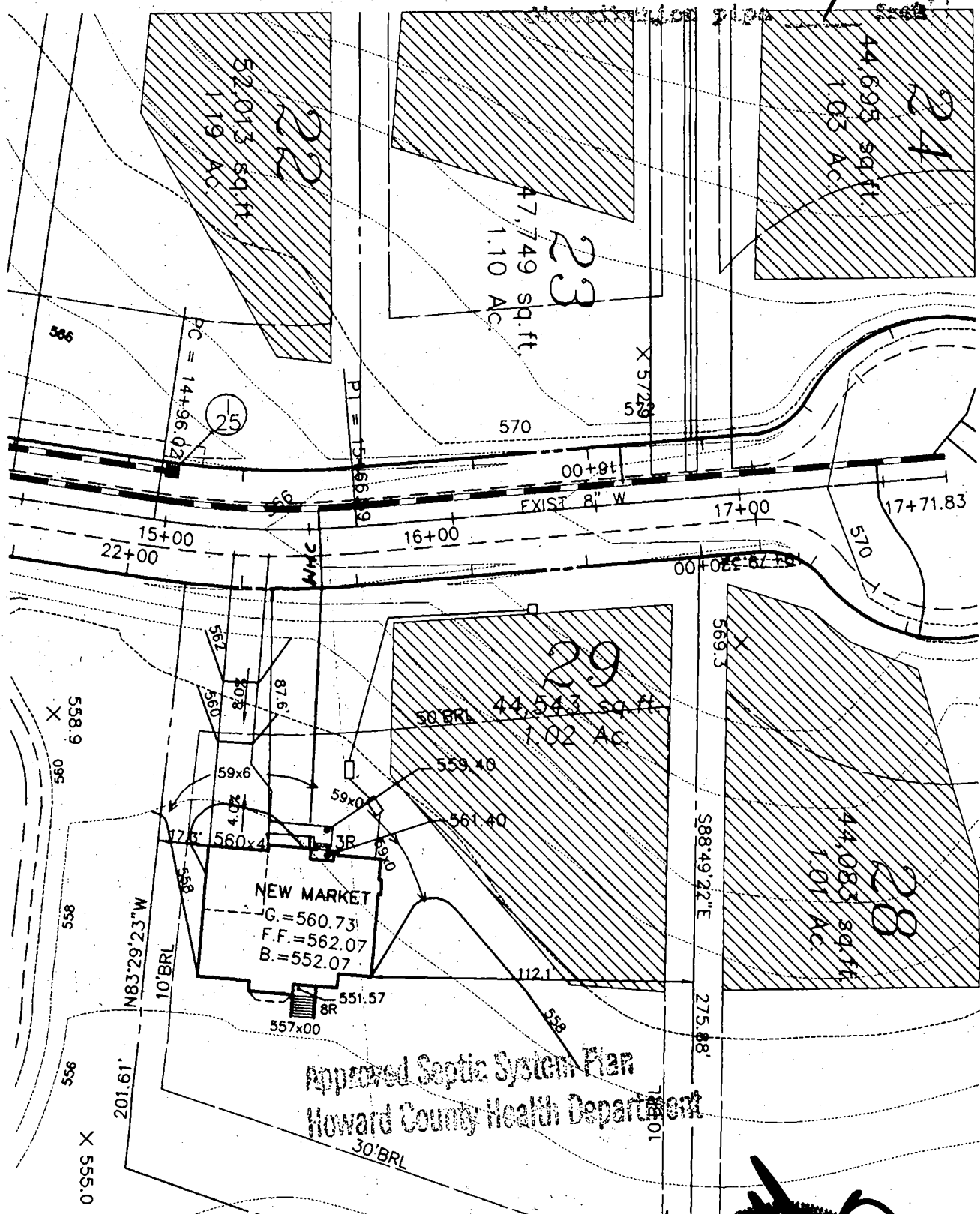
Width of trench (cs) 3 feet

Depth of trench (cs) 5 feet

60/60/100

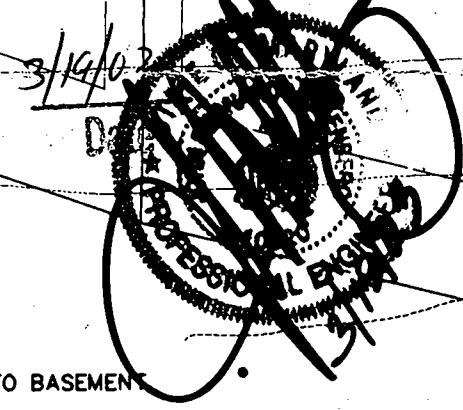


Depth of stone required below



Approved Septic System Plan
Howard County Health Department

[Handwritten Signature]
Signature



- FIRST FLOOR EL. = 562.07
- INV. OUT OF HOUSE = 556.35
- INV. IN SEPTIC TANK = 555.95
- INV. OUT OF SEPTIC TANK = 555.70
- EXIST. EL. AT SEPTIC TANK = 559.50
- PROP. EL. AT SEPTIC TANK = 559.50
- EXIST. EL. AT PUMP PIT = 559.50
- INV. IN PUMP PIT = 555.50
- EXIST. EL. AT DIST. BOX = 568.00
- INV. IN DIST. BOX = 564.00

G.P. # 02-07
PLAT # 14580-14585

NOTE: NO GRAVITY SEWER TO BASEMENT

THE ESTATES AT SAND HILL

PLOT PLAN LOT # 29
2144 GRANT FARM COURT

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: M.M.P.	SCALE: 1"=50'	DATE: FEBRUARY 2003

**MILDENBERG,
BOENDER & ASSOC., INC.**
Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Ball. (301) 621-5521 Wash. (410) 997-0298 Fax.

APPLICATION

PERCOLATION TESTING

A 511435

P _____

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

DISTRICT _____

DATE 2/24/99

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 R. Jeanette Miller, Trustee; Clyse Day Pendleton, Et Al

ADDRESS 14965 Frederick Road, Woodbine, MD 21797 PHONE _____

AGENT OR PROSPECTIVE BUYER Oak Hill Properties, LLC; Attn: Mr. Kevin Rogers

ADDRESS 107 Loudoun Street, SE, Leesburg, VA. 20175 PHONE 703 443 0400

PROPERTY LOCATION:

IBDIVISION Sand Hill Property LOT NO. 1 though 78

ROAD AND DESCRIPTION East side intersection of Sand Hill Road and Mt. View Road

TAX MAP 16 PARCEL # 3

SIZE OF LOT 40,000 to 60,000 S.F. TYPE BLDG. Single Family Dwelling
(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.

Oak Hill Properties, LLC

Kevin B. Rogers
(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
26d/27a

bright red
SiCLM

bright orange
SaLM

some mottling
or gravel
@ bottom
(2.0')

30F 30E

orange brown
SiCLM

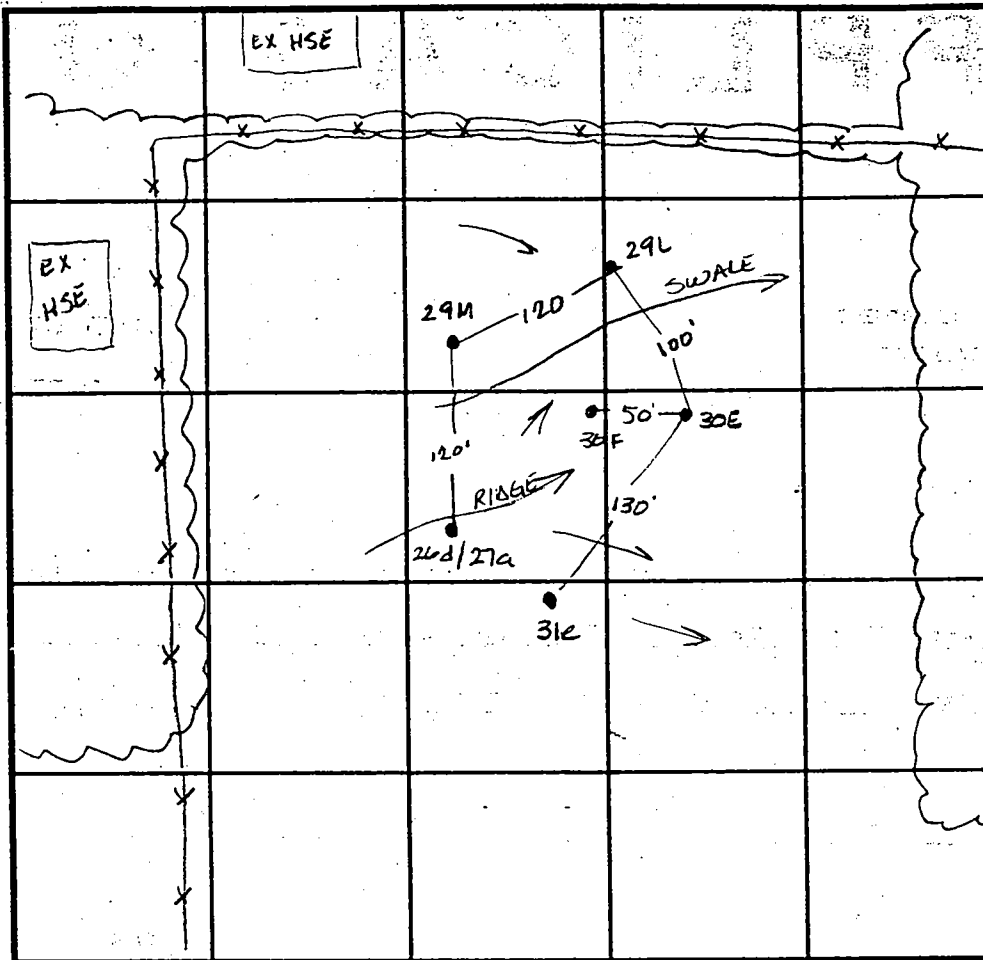
red to pink
sand
micaceous
caving
due to
texture
not H₂O
@ 7.0'

29M 29L

dark red
brown

dark red
SaLM

micaceous
10%
shale



SOIL PROFILE
23le 09

orange brown
SiCLM

pink
micaceous
SaLM
30%
shale
very
decayed

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-13-99	26d/27a	3.5 V13.0	10:29	10:31	10:31	10:33	2min	
		8.5 V13.0	10:29	10:30	10:30	10:32	2min	
	30F	Visual	to 13.0' - seep profile		---		OK	
	29M	Visual	to 12.0' - seep profile		---		OK	
	29L	3.0 V12.0	10:40	10:41	10:41	10:43	2min	
	31E	3.0 V12.0	10:46	10:48	10:48	10:53	5min	
	30E	Like 30F - collapsing due to high sand content					---	OK

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen

ALSO PRESENT letterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ. FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 511435

P _____

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

DISTRICT _____

DATE 2/24/99

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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(SIGNATURE OF APPLICANT)

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THIS IS NOT A PERMIT

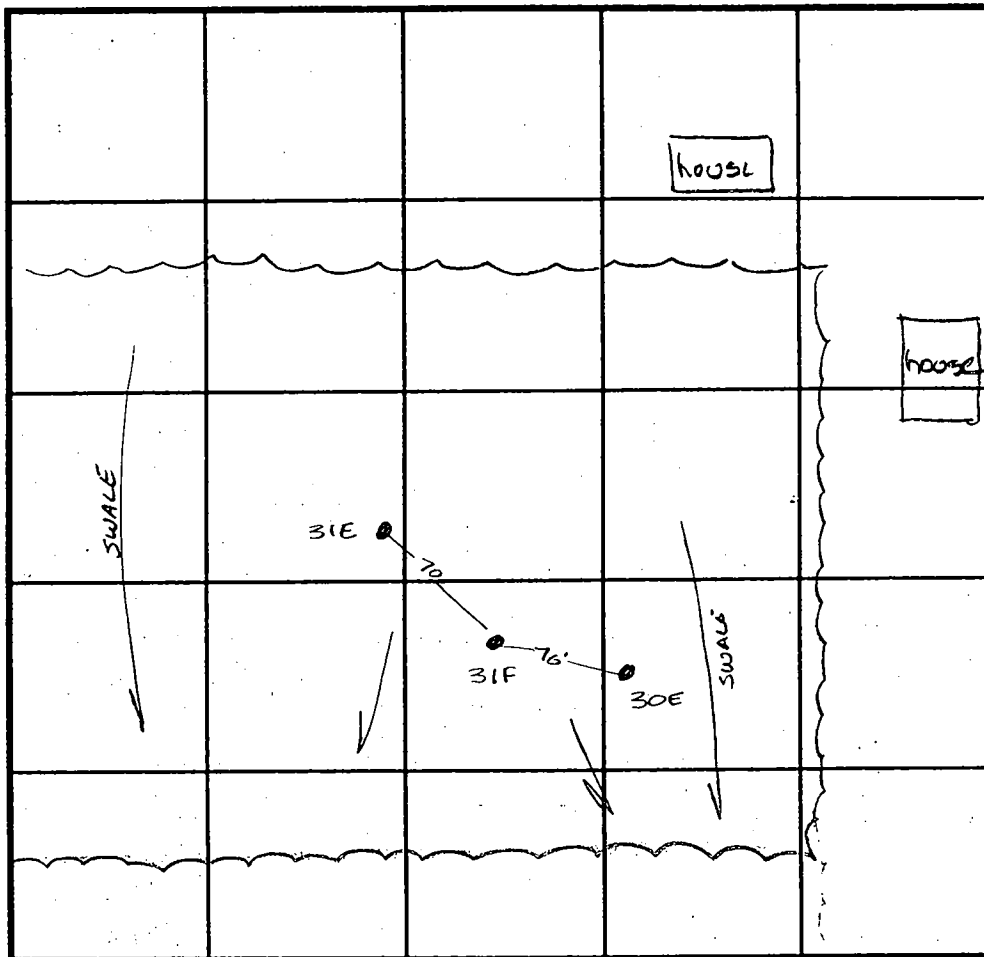
COUNTY #

SOIL PROFILE
31f

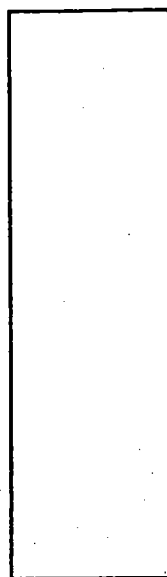
0'
dark
red
silm
micaceous

3.0
red
brn
silm
micaceous

10.0
10%
Rv
caving
due
to
sand
content



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-5-99	31f	2.5 / 10.0	10:17	10:19	10:19	10:22	3min

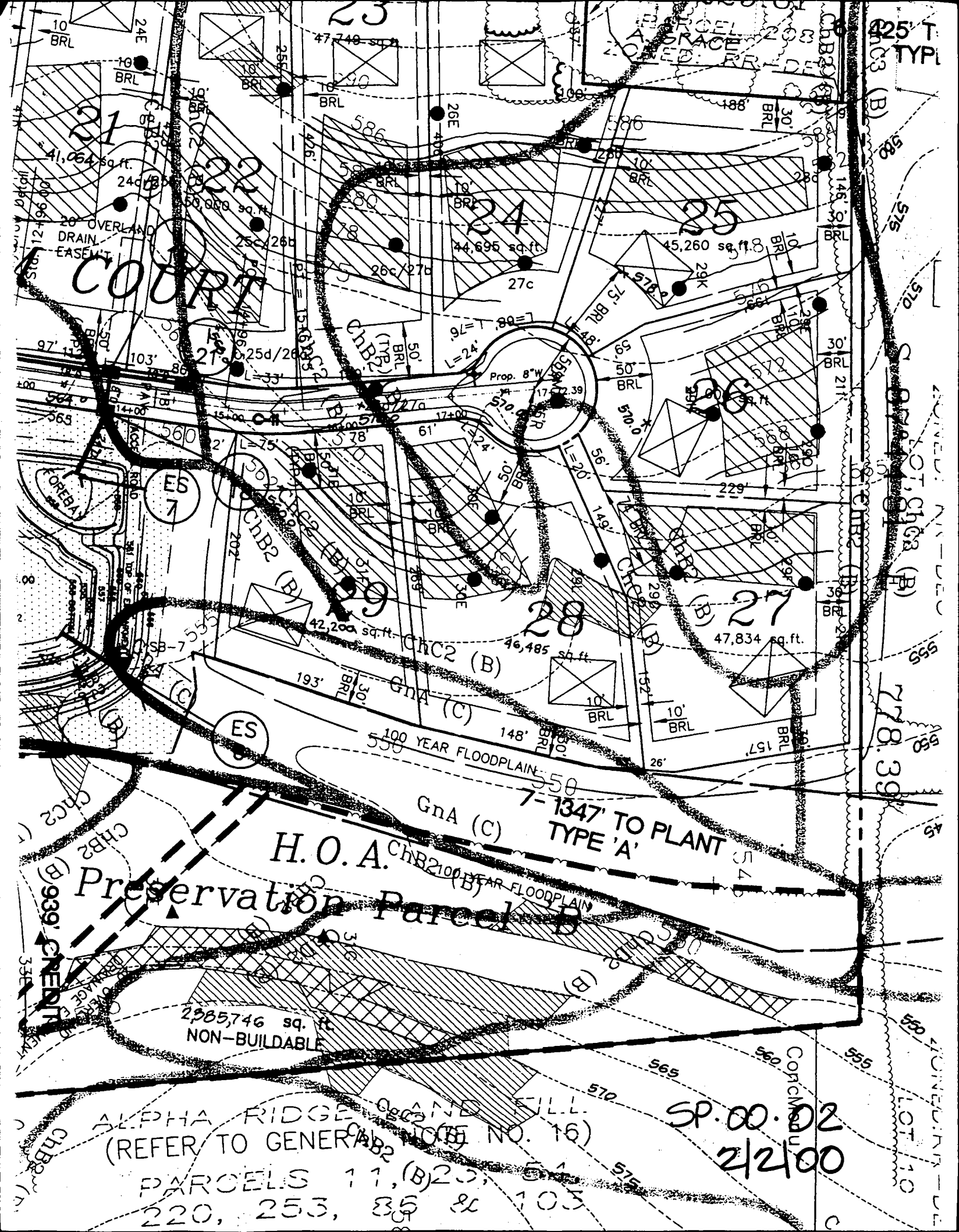
REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Olen Ketherman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____



25' TYPICAL

COURT

H.O.A. Preservation Parcel B

2985,746 sq. ft. NON-BUILDABLE

ALPHA RIDGE AND HILL (REFER TO GENERAL NOTES NO. 16)

PARCELS 11, (B) 23, 220, 253, 35 & 103

SP.00.02 2/2/00

778.39

CONCRETE LOT 10

