

LAYOUT 8/3/04 INSP 4 12/1/04 - 10 AM
 INSP 2 8/5/04 INSP 5 _____
 INSP 3 8/6/04 INSP 6 _____

ISSUE DATE: 7/28/2004

APPROVAL DATE: 12/1/04

PERMIT

INDEXED

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

520803
 P ~~511444-D~~

A 511444-D

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐
 ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670
 SUBDIVISION: Estates @ Sandhill LOT NUMBER: 52
 ADDRESS: 12082 Sandhill Manor Drive PROPERTY OWNER: Oak Hill Properties, LLC
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED ☐
 PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☐
 NUMBER OF BEDROOMS: 4
 SQUARE FEET PER BEDROOM: 180
 LINEAR FEET OF TRENCH REQUIRED: 149 HOUSE SERVED BY PUBLIC WATER ☒

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution as shown on the approved building permit plan.
NOTES:	Public Water.

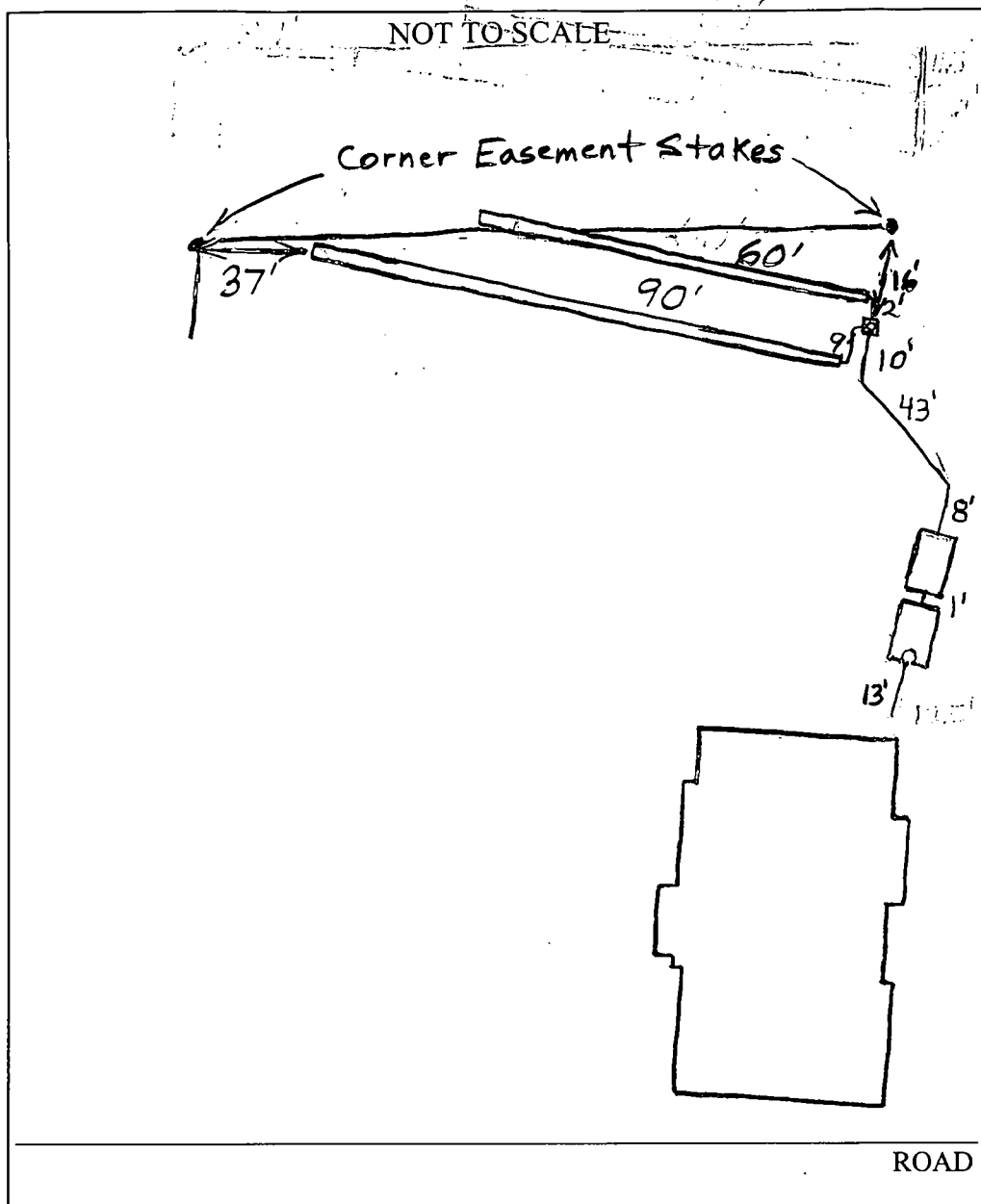
PLANS APPROVED: Kevin J. Bell Reviewed by: _____ DATE: 5/28/04

NOTES: PERMIT VOID AFTER 2 YEARS

CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A511444-D



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	6'

NUMBER OF TRENCHES 2

TOTAL LENGTH 150

ABSORPTION AREA 450+Sidewall

DISTRIBUTION BOX LEVEL Yes

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL

CAPACITY 1250 GAL

SEAM LOC Top

TANK LID DEPTH 1 1/2'-2 1/2'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC _____

6" PORT LOC Front

WATERTIGHT TEST No

SEPTIC TANK 2 LEVEL

CAPACITY 1250 GAL

SEAM LOC Top

TANK LID DEPTH 2 1/2'-4'

BAFFLES No

BAFFLE FILTER No

MANHOLE LOC _____

6" PORT LOC 1

WATERTIGHT TEST No

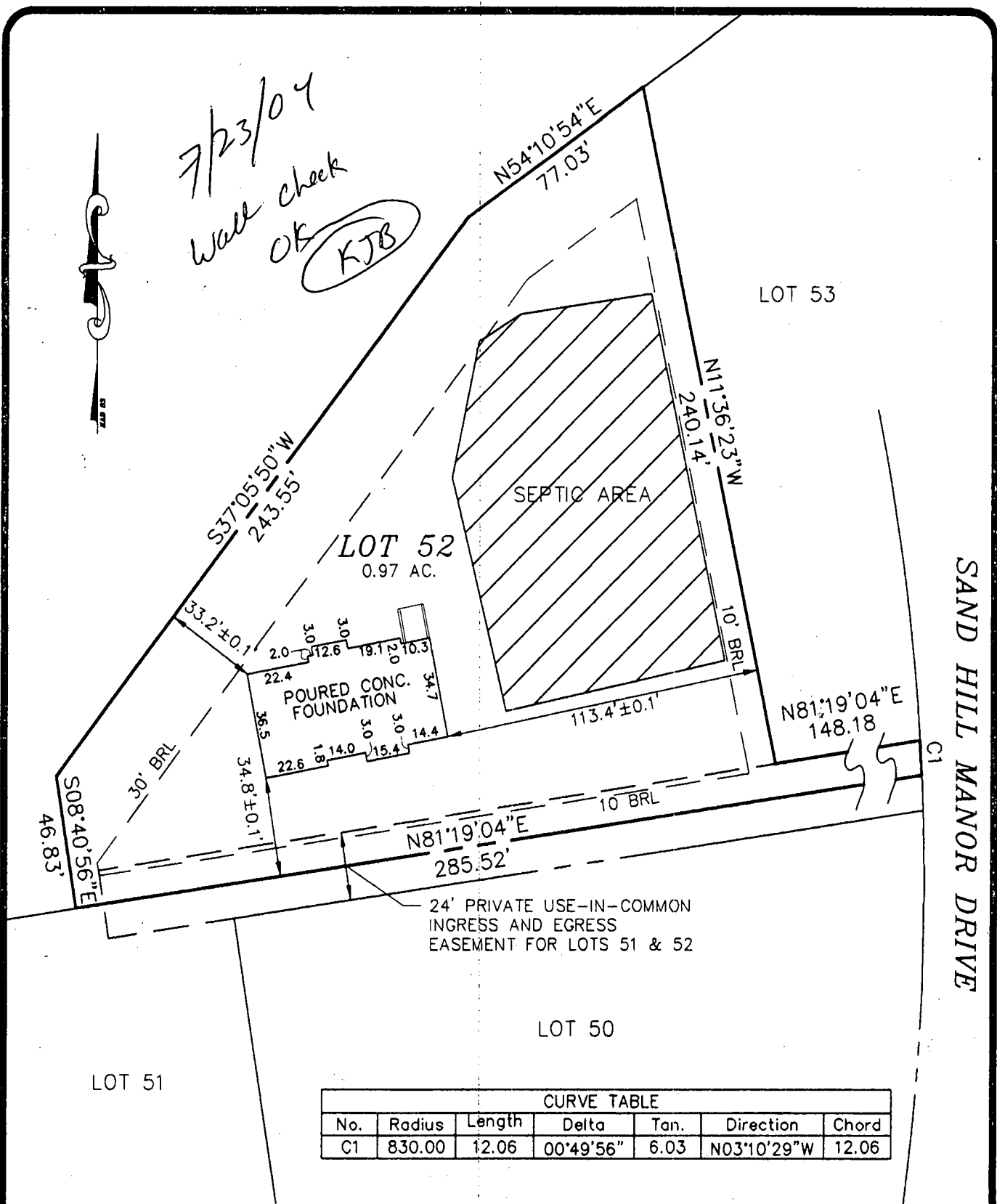
PRE-CONSTRUCTION 8/3/04 Area staked, Contour looks close. Install
two trenches and maximize use of area. Suggested trench
 INSTALLATION lengths are 60' and 90'. (BB) 8/5/04 + 8/6/04 Need
manhole cleanouts, house connection and pump and alarm tests
for final approval. (BB) 12/1/04 - Pump & Alarm tests
DK (50)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

12/1/04



LOT 52
**THE ESTATES AT
SAND HILL**

PLAT NO. 14585
ELECTION DISTRICT NO. 3
HOWARD COUNTY, MARYLAND

TOP OF WALL ELEV.= 564.9'
FIRST FLOOR ELEV. =

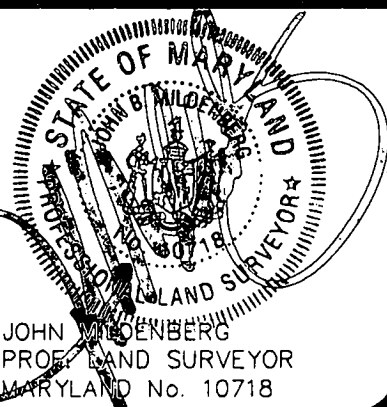
ADDRESS.: 12082 SAND HILL MANOR DRIVE

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

FOUNDATION	DATE: 07/13/04	FINAL	DATE:
DRAWN BY: T. HILL	SCALE: 1" = 50'		
PROJECT NO.: 00-074	LOCATION DRAWING		



DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 3430 COURT HOUSE DRIVE ELICOTT CITY, MD 21043 PERMITS (410) 315 2488 INSPECTIONS (410) 315 1910 AUTOMATED INFORMATION (410) 315 3800	HOWARD COUNTY PERMIT APPLICATION	PERMIT NUMBER 300148-22 KB
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Building Address <u>12052 SAND HILL DRIVE</u>	Property Owner's Name _____
<u>MARICHA W. MD 21107</u>	Address <u>Oak Hill Properties, L.L.C.</u>
Suite/Apt. #: _____ SDP/WP/Petition #: _____	City <u>5305 Jefferson Pike</u>
Census Tract _____ Subdivision <u>ESTATE AT SAND HILL</u>	Frederick, MD 21703-6917
Section _____ Area _____ Lot <u>2</u>	Home Phone _____ Work Phone <u>662-0735</u>
Tax Map <u>16</u> Parcel _____ Grid _____	Applicant's Name & Mailing Address, (if other than stated hereon): _____
Zoning <u>RR-DEC</u> Map Coordinates _____ Lot size _____	Phone <u>662-0735</u> Fax <u>977-7173</u>

Existing Use <u>VACANT LOT</u>	Contractor Company _____
Proposed Use <u>NEW HOME</u>	Contact Person <u>Oak Hill Properties, L.L.C.</u>
Estimated Construction Cost \$ <u>75000</u>	Address <u>5305 Jefferson Pike</u>
Description of Work <u>construct a house</u>	Frederick, MD 21703-6917
<u>2 story, Full basement, 12 R,</u>	City _____ State _____ Zip Code _____
<u>3 FB, 1 HB, FP AND GARAGE</u>	License No. <u>MAR-1465</u>
	Phone <u>301-662-0735</u> Fax <u>301-473-7173</u>

Occupant or Tenant _____	Engineer or Architect Company <u>Middlebrook</u>
Contact Name <u>Oak Hill Properties, L.L.C.</u>	Contact Person <u>John</u>
Address <u>5305 Jefferson Pike</u>	Address <u>5072 DUNN HILL DRIVE</u>
Frederick, MD 21703-6917	City <u>ELICOTT CITY</u> State <u>MD</u> Zip Code <u>21042</u>
City _____ State _____ Zip Code _____	Phone <u>977-0216</u> Fax <u>977-0216</u>
Phone <u>301-662-0735</u> Fax <u>301-473-7173</u>	

BUILDING DESCRIPTION - <u>COMMERCIAL</u>		BUILDING DESCRIPTION - <u>RESIDENTIAL</u>	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____	Water Supply: _____	SF Dwelling ☒ SF Townhouse ☐	Water Supply: ☒ Public
No. of stories: _____	Public _____ Private _____	Depth _____ Width _____	Private _____
Gross area, sq. ft. per floor: _____	Sewage Disposal: _____	1st floor: <u>43</u> <u>67</u>	Sewage Disposal: _____
Use group: _____	Public _____ Private _____	2nd floor: <u>43</u> <u>67</u>	Public _____
Construction type: _____	Electric Yes ☐ No ☐	Basement: <u>43</u> <u>67</u>	Private ☒
Reinforced Concrete _____	Gas Yes ☐ No ☐	Finished Basement ☐ Unfinished Basement ☒	Electric Yes ☒ No ☐
Structural Steel _____	Heating System: _____	Crawl space ☐ Slab on Grade ☐	Gas Yes ☒ No ☐
Masonry _____	Electric ☐ Oil ☐	No. of Bedrooms <u>4</u>	Heating System: _____
Wood Frame _____	Natural Gas ☐	Multi-family dwellings: _____	Electric ☒ Oil ☐
State Certified Modular _____	Propane Gas ☐	No. of 1 BR units: _____	Natural Gas ☒
	Sprinkler system: <u>N/A</u> ☐	No. of 2 BR units: _____	Propane Gas ☐
	Full _____	No. of 3 BR units: _____	Heating System: _____
	Partial _____	Other Structure: _____	Sprinkler system: <u>N/A</u> ☒
	Other Suppression _____	Dimensions: _____	NFPA #13D _____
	# of Heads _____	Footings: _____	NFPA #13R _____
		Roof: _____	Other: _____
		State Certified Modular _____	
		Manufactured Home _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THEREIN; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature <u>[Signature]</u>	Print Name <u>Kevin Moore</u>
Title/Company <u>COO</u>	Date <u>5-24-2004</u>

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
** PLEASE WRITE NEATLY AND LEGIBLY **
- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#
<u>Land Development, DPZ</u>	<u>6/1/04</u>	<u>[Signature]</u>	Front: _____	<u>602179</u>
<u>State Highways</u>			Rear: _____	Filing fee \$ <u>100.00</u>
<u>Dr. Engineering, DPZ</u>			Side: _____	Permit fee \$ _____
<u>Health</u>			Side Set: _____	Excise tax \$ _____
<u>Fire Protection</u>			All minimum setbacks met? _____	Adul per. fee \$ _____
Is Sediment Control approval required prior to issuance?			YES ☐ NO ☐	TOTAL FEES \$ _____
YES ☒ NO ☐			Is Entrance Permit required? _____	Sub-total paid \$ _____
			YES ☐ NO ☐	Balance due \$ _____
CONINGENCY CONSTRUCTION START: ☐			Historic District? _____	Check # <u>2420</u>
ON SITE SHOP: ☐			YES ☐ NO ☐	Validation # _____
			Lot Coverage for NewTown Zone _____	
			SDP/Red-line approval date _____	Accepted by <u>[Signature]</u>

Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

Rev 5/17/00

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:

SUBDIVISION 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

0' 63b/59A

orange
brown
siltclm

3.5

beigh
salmmaybe
H₂O
indicationsbottom-
design
shallow

7.0

63c/59b

dark
orange
brown
siltclm

0

light
beigh
salm

like

63d/59A
10% grey
sandstone

dry

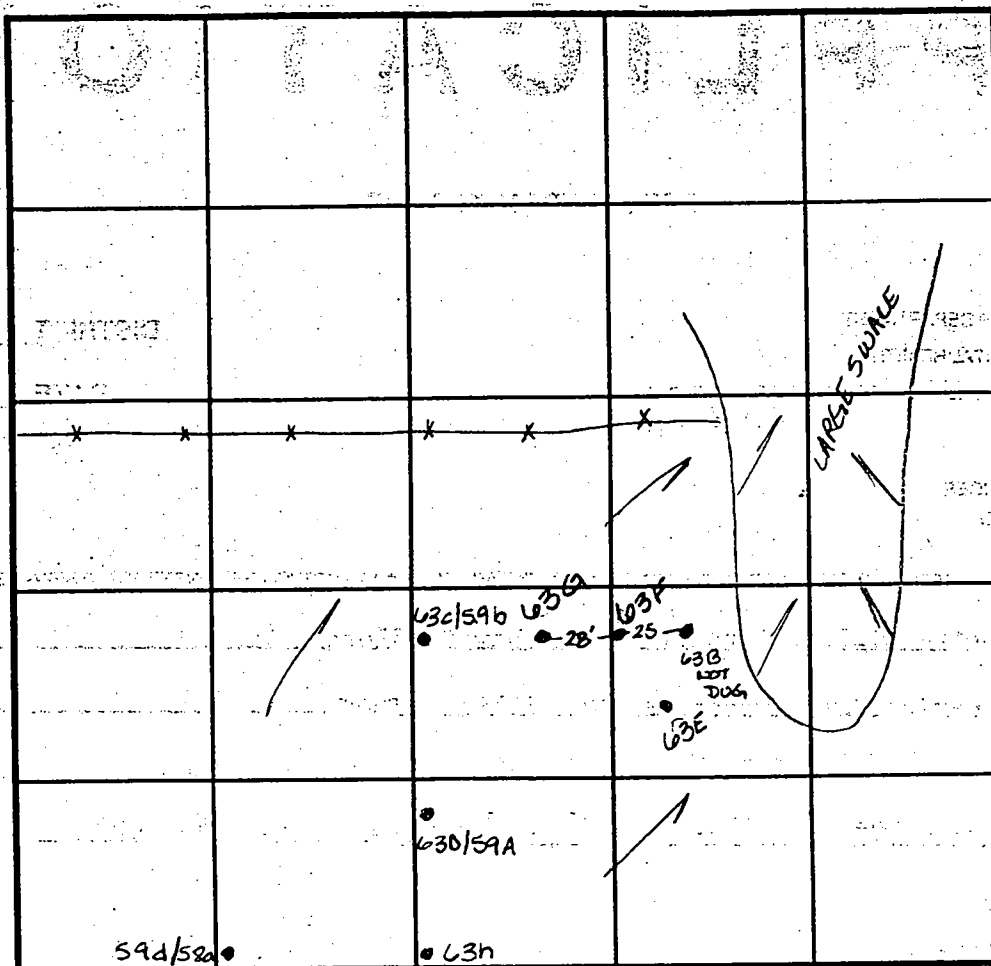
1.0

59d/58a
63hdark
orange
brown
siltclm

4.5

beigh
matrix
vertical
streaks
of
white &
orange
very
uniform
so most
likely from
parent
rock
not H₂O

12.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 59d/58a

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-6-99	63F	Water @ 5.0'	insufficient depth to H ₂ O				F
	63E	Water @ 5.0'	insufficient depth to H ₂ O				F
	63G	Water @ 9.0'	insufficient depth to H ₂ O				F
4-14-99	63d/59A	4.0' / 12.0'	2:07	2:19	2:19	2:45	26min
	63c/59b	5.5' / 11.0'	2:15	2:17	2:17	2:19	2min
	63h	4.5' / 12.0'	2:23	2:25	2:25	2:27	2min
	59d/58a	4.0' / 12.0'	2:39	2:40	2:40	2:41	1min
		8.0' / 12.0'	2:39	2:40	2:40	2:41	1min
	64b						

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Ketherman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

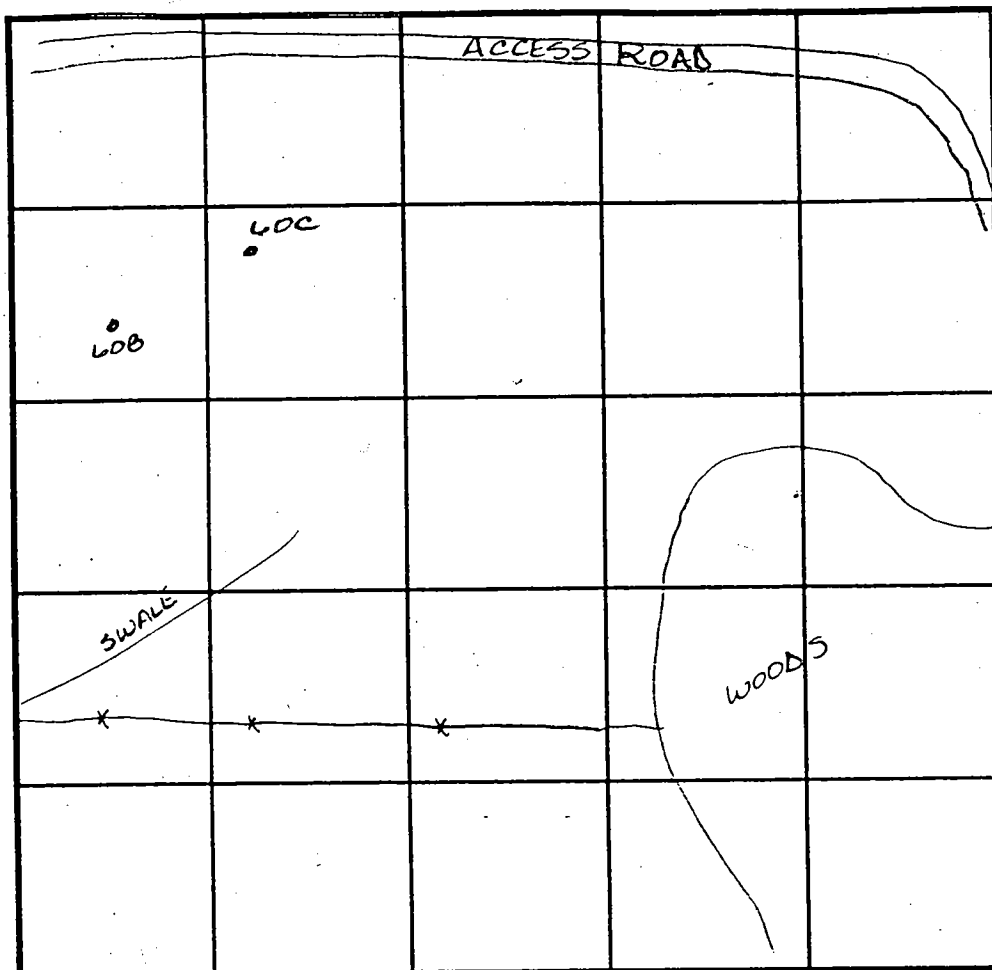
MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

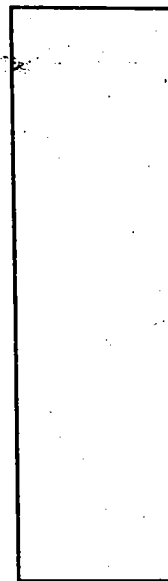
SOIL PROFILE

0' 60c 60b

brown
SiCLMorange
brn
SiSalmbeige
Salm
< 5%
Rx

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-6-99	✓58d/57a						
	60c	3.0 V13.0	1115	1119	1119	1125	6min
		7.5' V13.0	1115	1116	1116	1117	1min
	✓60b	Visual to 13.0'	- see profile				OK
	✓59d/58a						
	60b						

REMARKS

TYPE OF SOIL

TESTED BY Amy McMullen / SRL

ALSO PRESENT Ketherman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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Kevin B. Rogers
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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THIS IS NOT A PERMIT

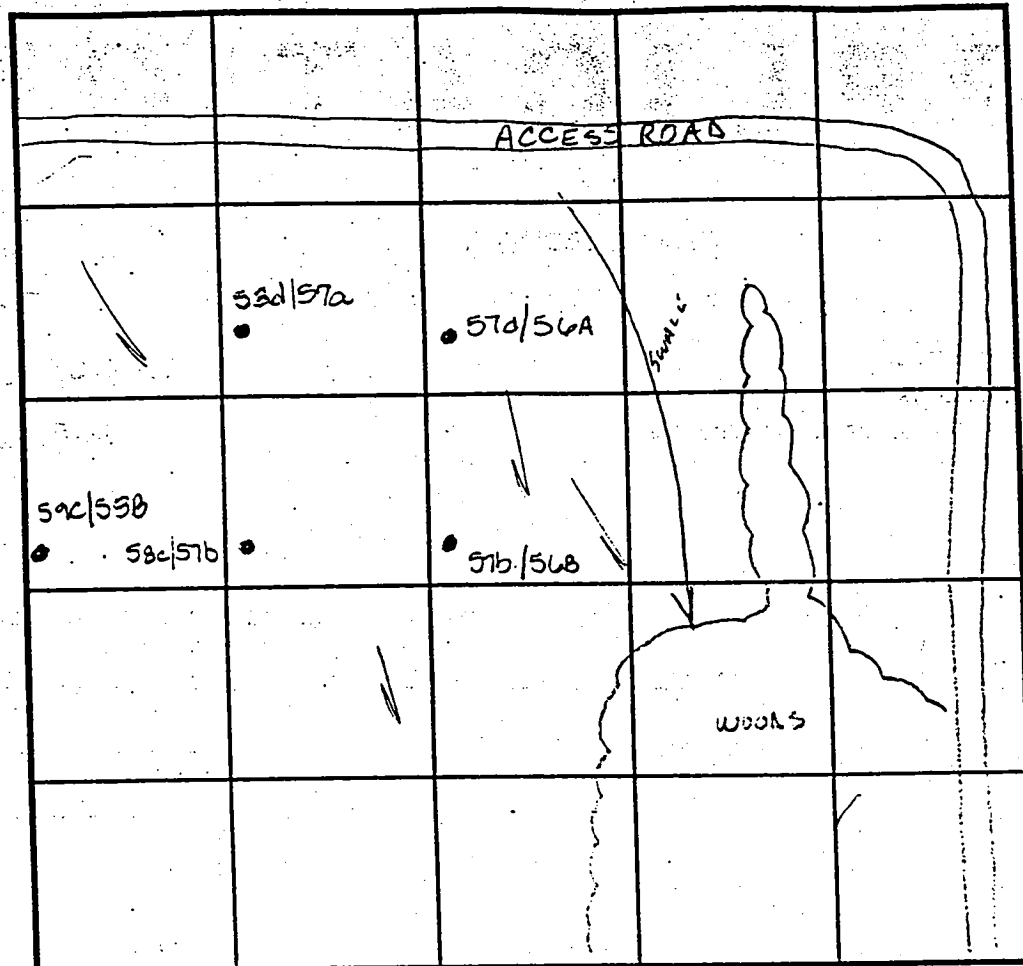
COUNTY #

SOIL PROFILE
57c/56Borange
brown
silclmorange
tan
silclm
streaks
of
yellow
silclm

57d/56a

like
57c/56b

58d/57a

orange
brown
silclmor brn
silclmalmost
white
silclm
streaks
of black
and
orange
silclmSOIL PROFILE
58c/57blike
58d/57a

59c/59b

like
53d/57a

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-15-99	57c/56B	3.5 112.0	11:34	11:36	11:36	11:40	4min
	57d/56a	4.5 112.0	11:43	11:47	11:47	12:01	14min
		3.5 112.0	11:43	11:49	11:49	12:00	11min
	58d/57a	Visual	to 12.0	- see profile	—	—	OK
	58c/57b	5.0 112.0	11:57	12:01	12:01	12:06	5min
	59c/59b	Visual	to 12.0	- see profile	—	—	OK

REMARKS

TYPE OF SOIL

TESTED BY Amy McMullen

ALSO PRESENT Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

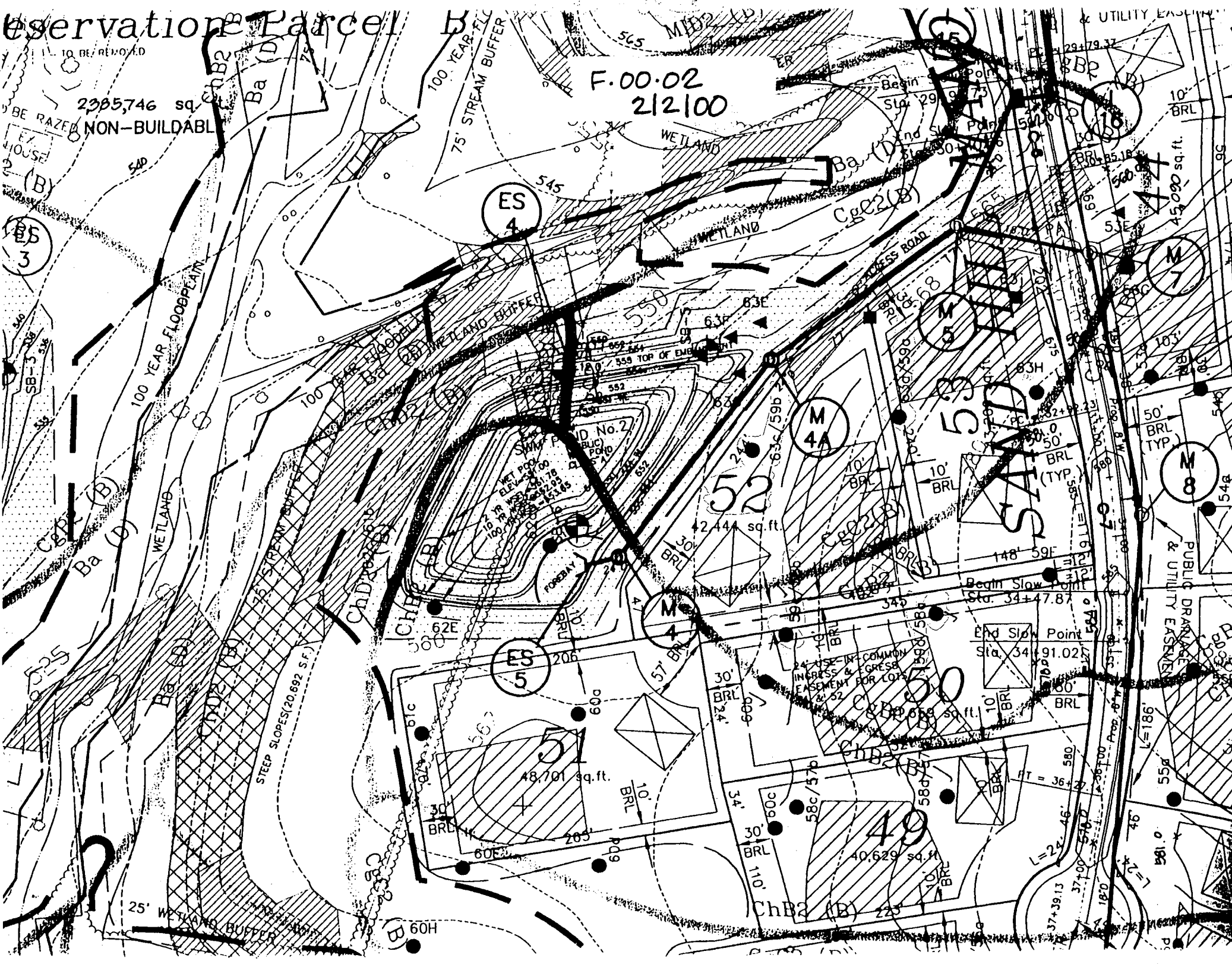
MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

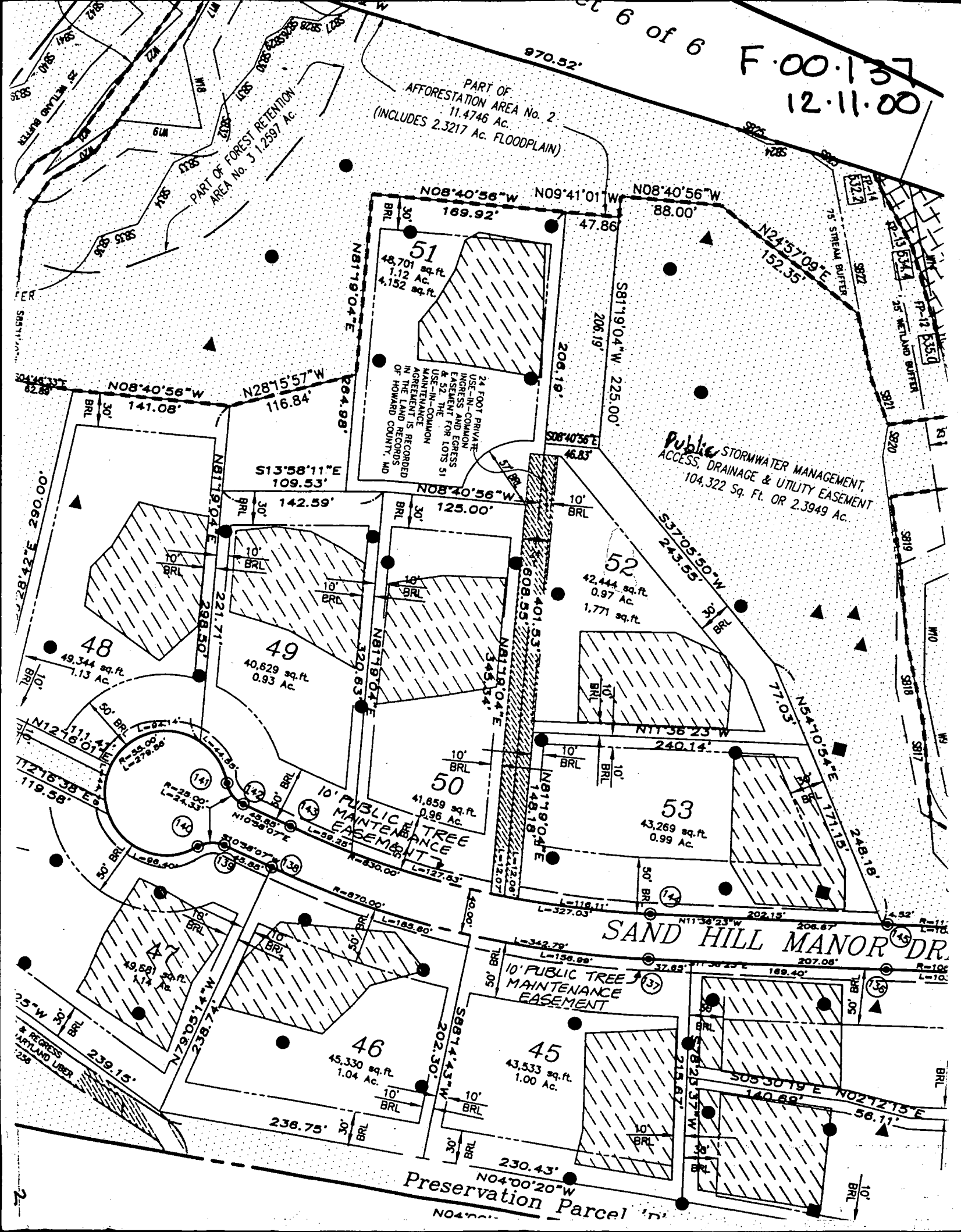
Reservation Parcel

TO BE REMOVED
2385,746 sq. ft.
NON-BUILDABLE

F.00.02
212100



~~F.00.137
12.11.00~~





Howard County
Health Department

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 15, 2004

Oak Hill Properties, LLC
5305 Jefferson Pike
Frederick, MD 21703

SENT VIA FAX TO 301-473-7143

RE: The Estates at Sandhill, Lot 52
12082 Sand Hill Manor Drive
Marriottsville, MD 21104
BP# B00148382
PUBLIC WATER

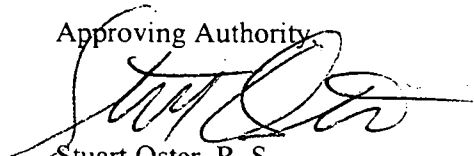
Dear Sir/Madam:

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 12/01/2004.**

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



Stuart Oster, R. S.
Well & Septic Program

mlb
cc: Building Inspector's Office
File