

LAYOUT 8/3/04 INSP 4 _____
 INSP 2 8/4/04 INSP 5 _____
 INSP 3 8/5/05 INSP 6 _____

ISSUE DATE: 7/21/04

PERMIT

P 520792

APPROVAL DATE: 11/12/04

INDEXED

A 511441-Y

RPS#
334856

ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043

Fogle's Septic Clean Inc. _____ IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 580 Obrecht Rd., Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Estates @ Sandhill LOT NUMBER: 47

ADDRESS: 12093 Sand Hill Manor Drive PROPERTY OWNER: Oak Hill Properties, LLC

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): 1250 N/A COMPARTMENTED TANK REQUIRED ☐

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 101 HOUSE SERVED BY PUBLIC WATER ☒

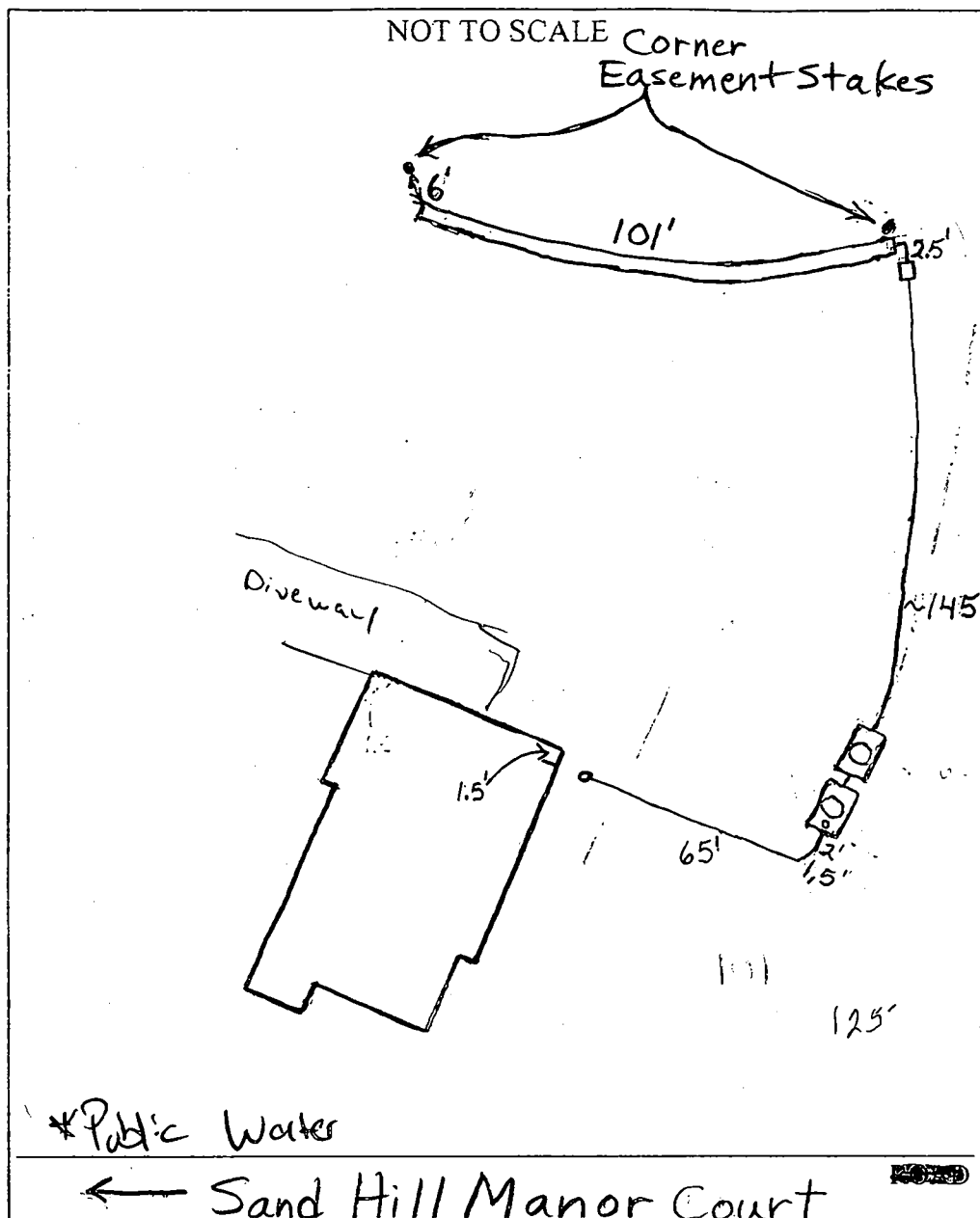
TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest elevation in the SDA.
NOTES:	Public Water. ENSURE 1-2% fall to STANKS. Recommend dropping S-TANKS ANOTHER 6"

PLANS APPROVED: Kevin J. Bell KN DATE: 5/24/04

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 OR 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
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

AS 11441-Y



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES 1		
TOTAL LENGTH 101'		
ABSORPTION AREA 303' + 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	25'-3"	
BAFFLES	Yes	
BAFFLE FILTER	No	
MANHOLE LOC	Middle	
6" PORT LOC	Front	
WATERTIGHT TEST	No	
SEPTIC TANK 2 LEVEL ✓		
CAPACITY	1250	GAL
SEAM LOC	Top	
TANK LID DEPTH	23'-11"	
BAFFLES	No	
BAFFLE FILTER	No	
MANHOLE LOC	Middle	
6" PORT LOC	None	
WATERTIGHT TEST	No	

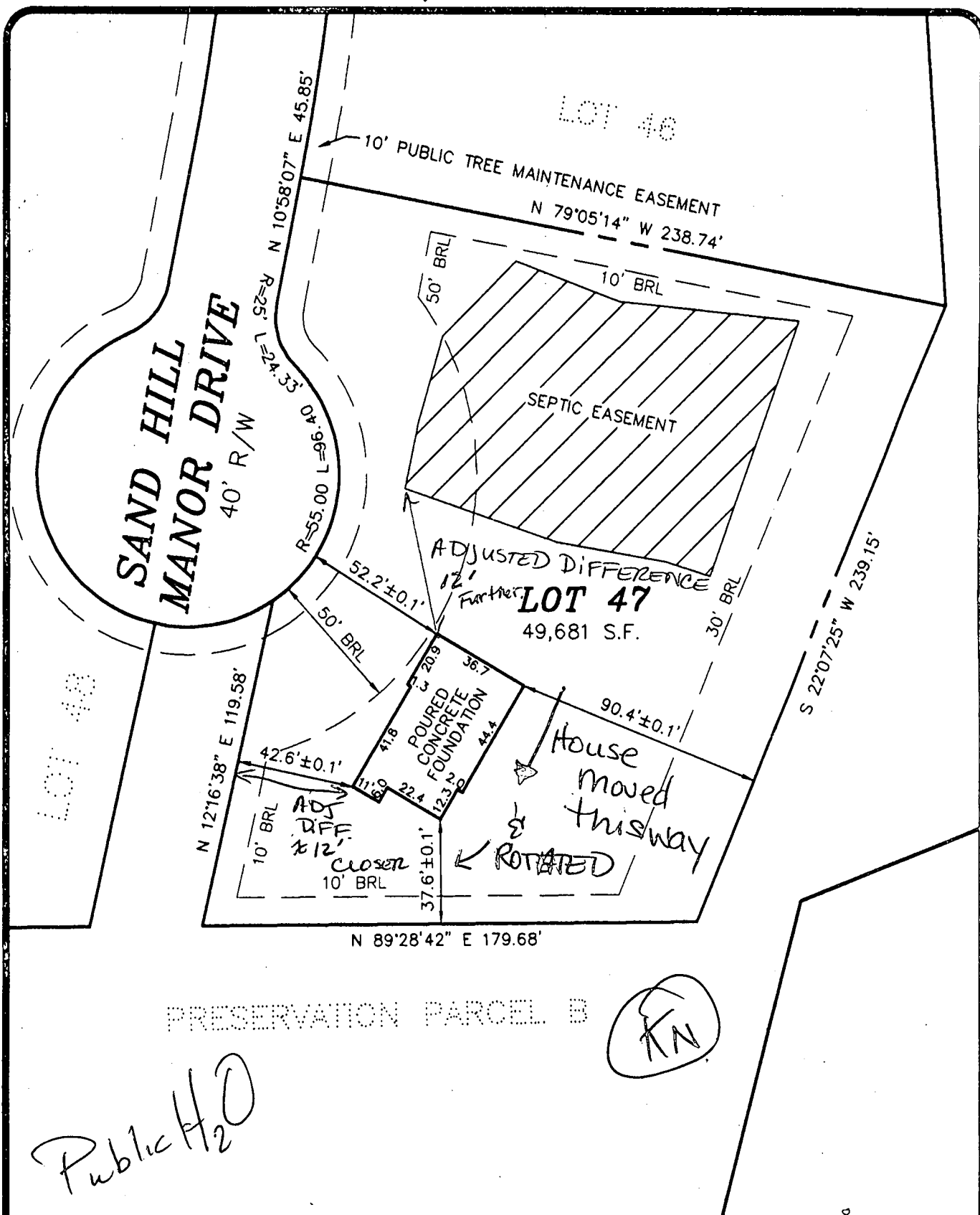
PRE-CONSTRUCTION 8/3/04 To install as per B.P. plan. Don't see any foreseen problems. (BB)

INSTALLATION 8/4/04 Tanks set. Trench done. No plumbing installed. (BB)

8/5/05 + 8/6/06 Pump line done. Cleanouts installed. Need house connection and pump and alarm test. (BB) 11/12/04 Pmp + Alarm test O.K. (PY)

FINAL INSPECTOR Mike Gennil DATE OF APPROVAL 11/12/04

WALL CHECK



PRESERVATION PARCEL B

LOT 47
**THE ESTATES AT
SAND HILL**

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

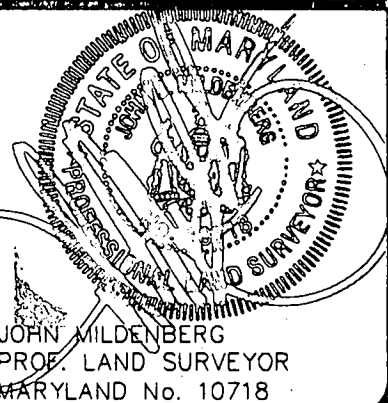
TOP OF WALL ELEV.= 577.9
FIRST FLOOR ELEV.=
ADDRESS.: 12093 SAND HILL MANOR DRIVE

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: 07/08/04	FINAL	DATE:
DRAWN BY: MES	SCALE: 1" = 50'		
PROJECT NO.: 00-074	LOCATION DRAWING		



Approved Septic System Plan
Howard County Health Department

Signature: [Signature]
Date: 5/24/04

Lot 46: 45,330 sq. ft. 1.04 Ac.
Lot 47: 49,681 sq. ft. 1.14 Ac.
Lot 48: 49,344 sq. ft. 1.13 Ac.
Lot 49: 40,629 sq. ft. 0.93 Ac.

Septic System Components:
 - DISTRIBUTION BOX
 - SEPTIC TANK 1,250 GAL.
 - PUMP PIT 1,250 GAL.
 - HAMILTON (Standard) Septic Tank
 - HAMILTON Septic Tank

Elevation Data:
 - FIRST FLOOR EL. = 578.00
 - INV. OUT OF HOUSE = 573.05
 - INV. IN SEPTIC TANK = 572.80
 - INV. OUT OF SEPTIC TANK = 572.55
 - EXIST. EL. AT SEPTIC TANK = 575.80
 - PROP. EL. AT SEPTIC TANK = 575.80
 - PROP. EL. AT PUMP PIT = 576.00
 - INV. IN PUMP PIT = 572.35
 - EXIST. EL. AT DIST. BOX = 582.00
 - INV. IN DIST. BOX = 578.00

Other Details:
 - CHURCHILL: F.F. = 572.20, B.F. = 576.86, G.F. = 576.66
 - HAMILTON: F.F. = 572.50, B.F. = 572.87, G.F. = 570.49
 - 10" DENSE GRADE AGGREGATE
 - 2:1 MAX. SLOPE

FIRST FLOOR EL.	=	578.00
INV.OUT OF HOUSE	=	573.05
INV.IN SEPTIC TANK	=	572.80
INV.OUT OF SEPTIC TANK	=	572.55
EXIST. EL. AT SEPTIC TANK	=	575.80
PROP. EL. AT SEPTIC TANK	=	575.80
PROP. EL. AT PUMP PIT	=	576.00
INV. IN PUMP PIT	=	572.35
EXIST EL. AT DIST. BOX	=	582.00
INV.IN DIST. BOX.	=	578.00

PLAT # 14580-14585

NO GRAVITY SEWER TO BASEMENT

TYPICAL DRIVEWAY SECTION

PLOT PLAN LOT # 47
12093 SAND HILL MANOR

ELECTION DISTRICT: 3

TAX MAP: 16

HOWARD COUNTY, MARYLAND

DRAWN BY: MMT

SCALE: 1"=50'

DATE: MAY 18, 2004



**MILDENBERG,
BOENDER & ASSOC., INC.**

Engineers Planners Surveyors

6072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.

6-12-04 5/17/00

Building Address <u>12073 SANDHILL MANOR DR</u> <u>MARBLEHILL, MD 21104</u>			Property Owner's Name _____		
Suite/Apt. #: _____ SDP/WP/Petition #: _____			Address _____		
Census Tract _____ Subdivision <u>ESTATES AT SANDHILL</u>			City <u>Oak Hill Properties, L.L.C.</u> Zip Code _____		
Section _____ Area _____ Lot <u>47</u>			Home Phone <u>301 5305 Jefferson Pike</u> Phone <u>301 5305 Jefferson Pike</u>		
Tax Map <u>16</u> Parcel <u>3</u> Grid <u>2</u>			Applicant's Name & Mailing Address, (if other than stated hereon): _____		
Zoning <u>RR-LCO</u> Map Coordinates <u>11F5</u> Lot size <u>1.14</u>			Phone <u>301 1120435</u> Fax <u>301 473 7143</u>		
Existing Use <u>VACANT LOT</u>			Contractor Company <u>Oak Hill Properties, L.L.C.</u>		
Proposed Use <u>NEW HOME</u>			Contact Person <u>5305 Jefferson Pike</u>		
Estimated Construction Cost \$ <u>75000</u>			Frederick, MD 21703-6917		
Description of Work <u>CONSTRUCT A (11x11)</u>			Address _____		
<u>2 STORY, PART BSMT, 7R, 2 PB</u>			City _____ State _____ Zip Code _____		
<u>1 HB, FP AND GARAGE (4 BR)</u>			License No. <u>MDR 0165</u>		
Occupant or Tenant _____			Phone <u>301 6620475</u> Fax <u>301 473 7143</u>		
Contact Name <u>Oak Hill Properties, L.L.C.</u>			Engineer or Architect Company <u>Richard L. Co</u>		
Address <u>5305 Jefferson Pike</u>			Contact Person <u>John</u>		
City <u>Frederick, MD</u> State <u>MD</u> Zip Code <u>21703-6917</u>			Address <u>5072 DUNBAR HALL DRIVE</u>		
Phone <u>301 6620475</u> Fax <u>301 473 7143</u>			City <u>Ellicott City, MD</u> State <u>MD</u> Zip Code <u>21042</u>		
			Phone <u>410 797-0296</u> Fax <u>410 797-0298</u>		

BUILDING DESCRIPTION - COMMERCIAL		BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____	Water Supply: ☐ Public ☐ Private	SF Dwelling ☒ SF Townhouse ☐	Water Supply: ☒ Public ☐ Private
No. of stories: _____	Sewage Disposal: ☐ Public ☐ Private	Depth Width 1st floor: 36'8" 50'7"	Sewage Disposal: ☐ Public ☒ Private
Gross area, sq. ft. per floor: _____	Electric Yes ☐ No ☐	2nd floor: 31'4" 50'7"	Electric Yes ☒ No ☐
Use group: _____	Gas Yes ☐ No ☐	Basement: 31'6" 36'6"	Gas Yes ☒ No ☐
Construction type: _____	Heating System: _____	Finished Basement ☐ Unfinished Basement ☒	Heating System: _____
Reinforced Concrete	Electric ☐ Oil ☐	Crawl space ☐ Slab on Grade ☐	Electric ☐ Oil ☐
Structural Steel	Natural Gas ☐	No of Bedrooms <u>4</u>	Natural Gas ☒
Masonry	Propane Gas ☐	Multi-family dwellings _____	Propane Gas ☐
Wood Frame	Sprinkler system: N/A ☐	No. of efficiency units _____	Sprinkler system: N/A ☒
State Certified Modular	Full _____	No. of 1 BR units _____	NFPA #13D _____
	Partial _____	No. of 2 BR units _____	NFPA #13R _____
	Other Suppression _____	No. of 3 BR units _____	Other: _____
	# of Heads _____	Other Structure _____	
		Dimensions _____	
		Footings _____	
		Roof: _____	
		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 THEREON; (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 [Signature] Print Name Kevin Rogers

Title/Company _____ Date 5-18-2004

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

AGENCY <u>Land Development</u>	DATE <u>5/18/04</u>	SIGNATURE APPROVAL <u>[Signature]</u>	DPZ SETBACK INFORMATION Front: _____ Rear: _____ Side St: _____ All minimum setbacks met? YES ☐ NO ☐	PROPERTY ID# <u>602113</u>
Health <u>12/24/03</u>			Is Entrance Permit required? YES ☐ NO ☐	Filing fee \$ <u>100</u>
Fire Protection <u>12/24/03</u>			Historic District? YES ☐ NO ☐	Sub-total paid \$ _____
Is Sediment Control approval required prior to issuance? YES ☐ NO ☐			Lot Coverage for New Town Zone SDP/Red-line approval date _____	Balance due \$ <u>5020</u>
CONSTRUCTION START ☐				Check <u>5020</u>
Green LUD, DPZ				Validation <u>47555</u>
Yellow: DED, DPZ				Accepted by <u>[Signature]</u>
Pink: Health				
Gold: SEA				

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

55c

orange
brown
siltlm

4.0

dark
orange
to
beigh
salm
Pockets
of blk/brn
salm
not
H₂O
20% grey
Rock

12.0

55g 55h

reddish
beigh
siltlm

4.0

reddish
pink
siltlm
10%
Rx
frags

12.0

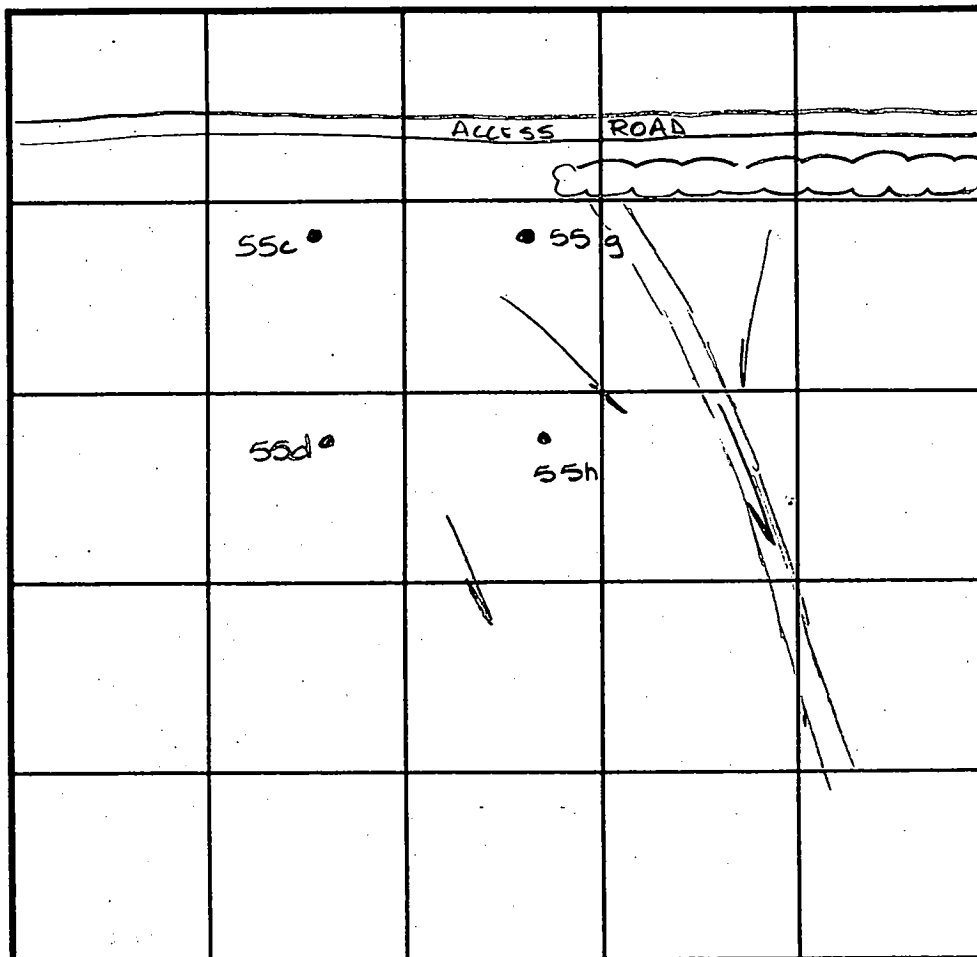
55d

orange
red
siltlm

3.5

lgt tan
salm
grey
Pockets
salm
from
parent
material

12.0



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	
4-15-99	55c	Visual	to 12.0	- see	profile	—	OK
	55g	5.5 V12.0	1:17	1:20	1:20	1:23	3min
	55d	4.5 V12.0	1:08	1:15	1:15	1:25	10min
	55h	4.0 V12.0	1:14	1:16	1:16	1:18	2min

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Ketterman

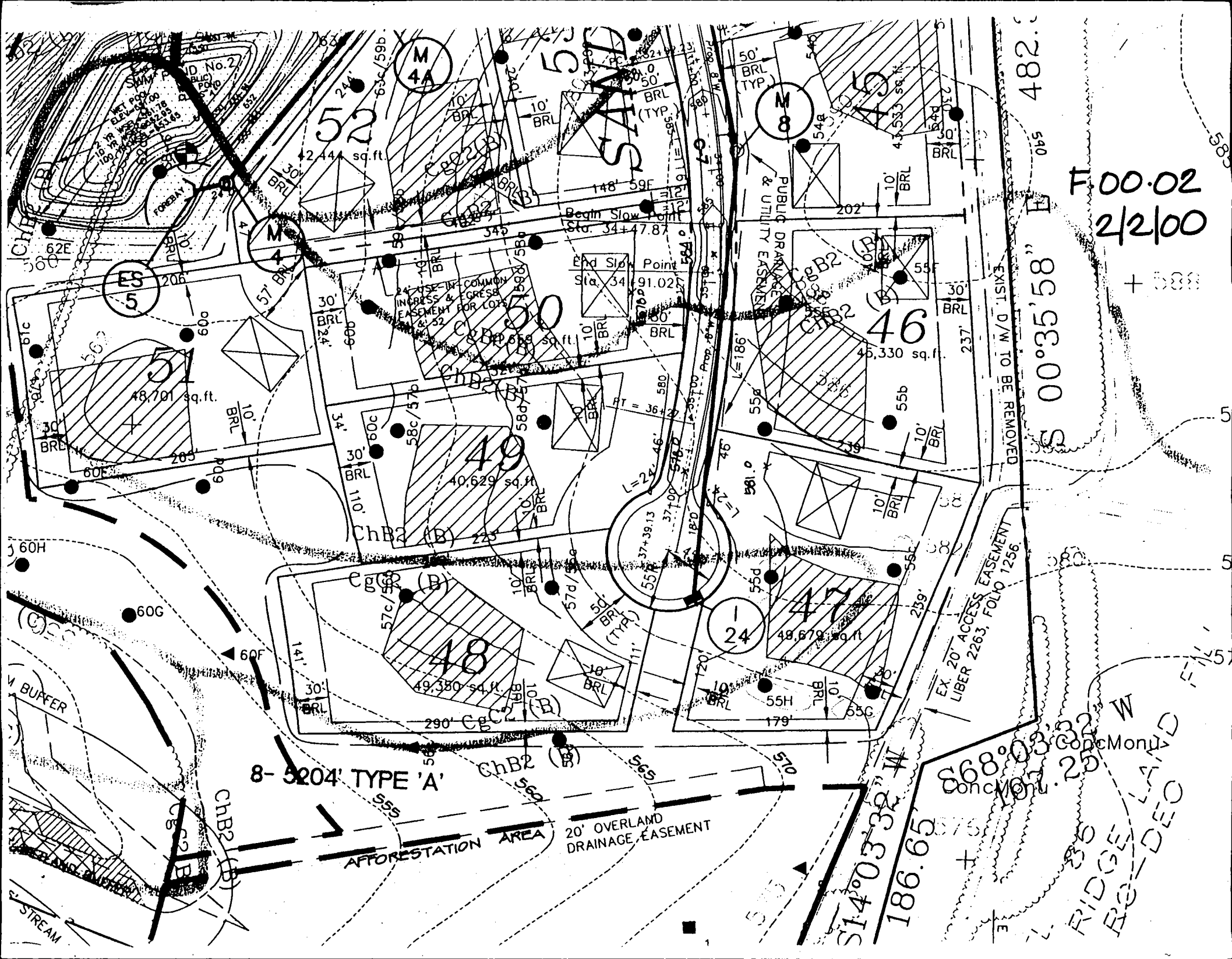
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM



F 00.02
2/2/00

S 00°35'58" E 482.3

EXIST. D/W TO BE REMOVED

EX. 20' ACCESS EASEMENT
LIBER 2263, FOLIO 1256

S 14°03'32" W
186.65

668°03'32" W
191.25
RIDGE LAND
RE-DEVELOP

8- 5204' TYPE 'A'

AFFORESTATION AREA

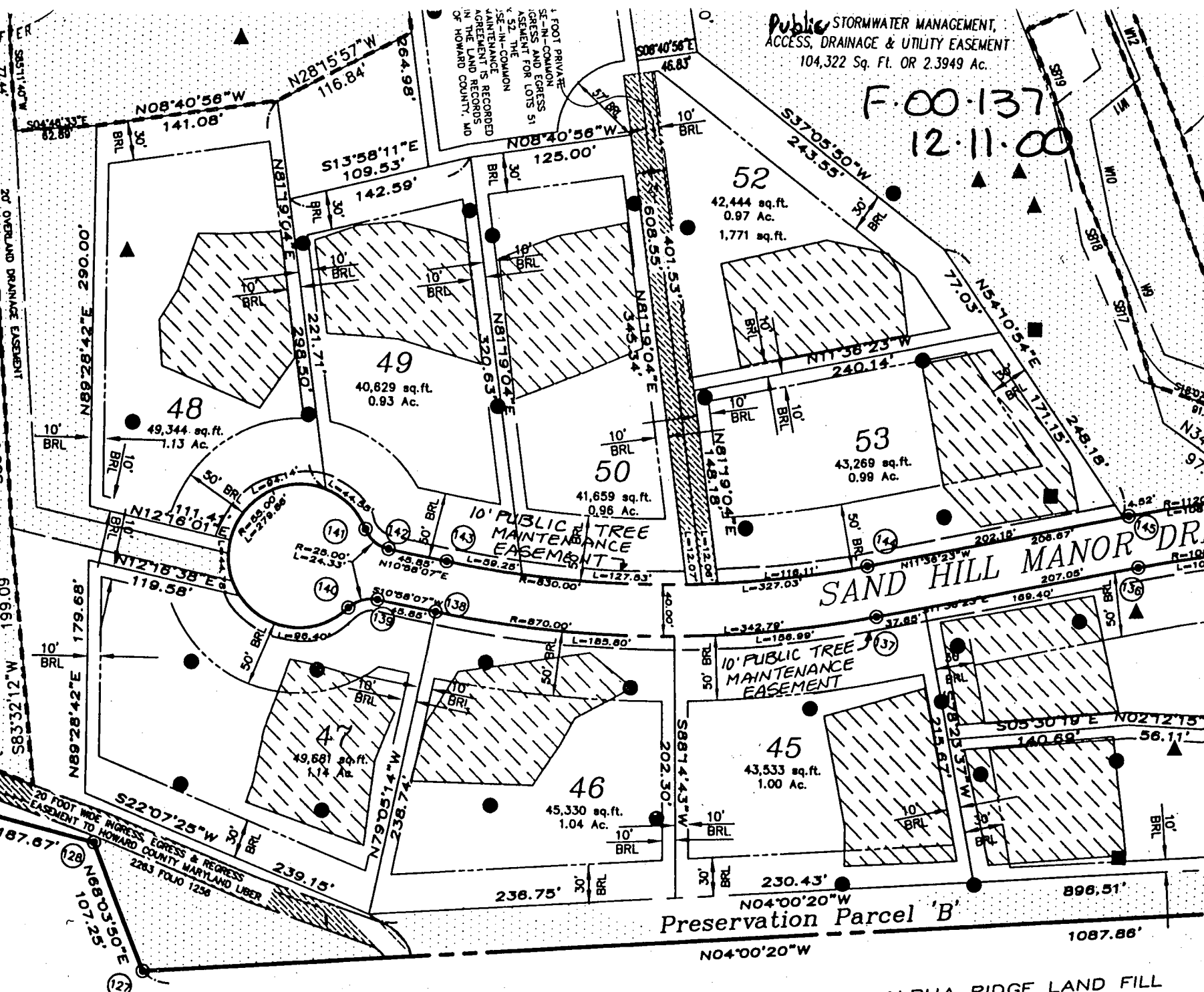
20' OVERLAND
DRAINAGE EASEMENT

65 dBA

Owner: Oak Hill Properties, LLC
 Easement Holders: Howard County, MD, &
 Homeowners Association of Sand Hill
 Partial Area (This Plot): 817235 sq. ft. or 18.7611 Ac.
 Total Area: 2,311,503 sq. ft. or 53.0648 Ac.

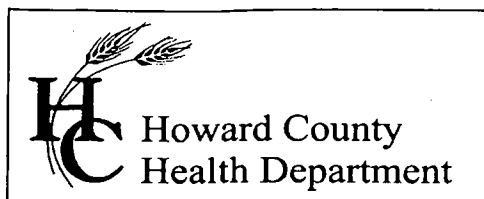
AFFORESTATION AREA No. 3
 26,393 Ac.

86 RIDGE LAND FILL
 RC-DEO



FROM	TO	RAD
71		

CURV



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

November 17, 2004

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

SENT VIA FAX TO 301-473-7143

RE: The Estates at Sandhill, Lot 47
12093 Sand Hill Manor Drive
Marriottsville, MD 21104
BP# B00148241
PUBLIC WATER

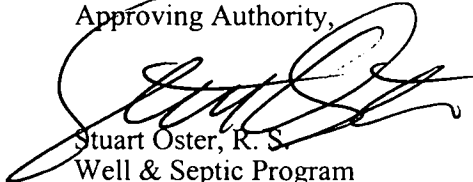
Dear Sir/Madam:

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 11/12/2004.**

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