

LAYOUT 3/11/04 11-11:30 INSP 4 \_\_\_\_\_  
INSP 2 3/12/04 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 2/12/2004

P 520057

APPROVAL DATE: 3/18/04

A 511441-L

# PERMIT INDEXED

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION: Estates @ Sandhill LOT NUMBER: 36

ADDRESS: 11916 Mekenie Court 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: 210

LINEAR FEET OF TRENCH REQUIRED: 240-140 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest useable portion of the sewage disposal area.
NOTES:	Maintain 9' edge to edge trench separation.

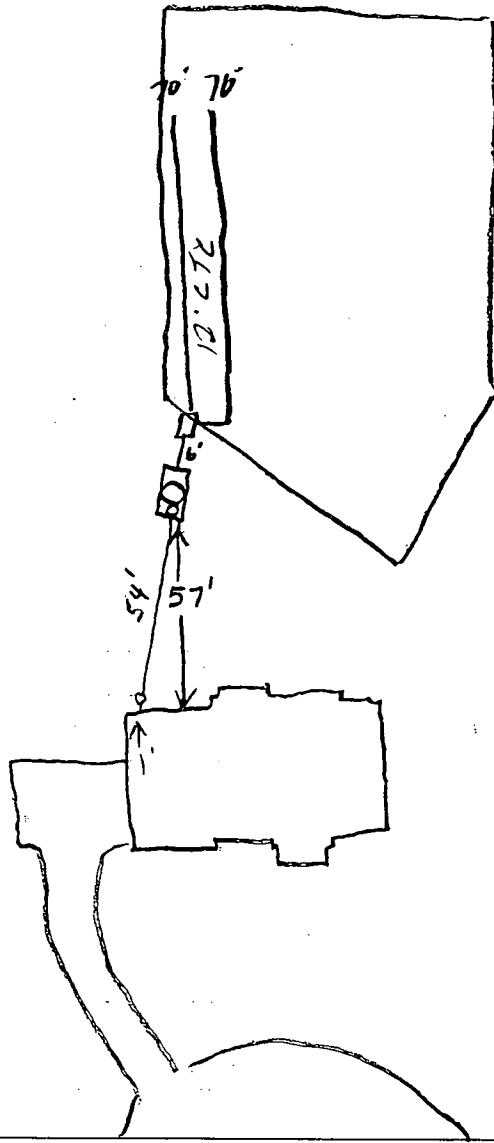
PLANS APPROVED: John A. Boris DATE: 1/6/04

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  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM  
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

AS11441-L

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		140
ABSORPTION AREA		420 <del>sq</del>
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		—

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1256 GAL
SEAM LOC	TOP
TANK LID DEPTH	1-1.5'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	
SEPTIC TANK 2 LEVEL	
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	

Mc Kenia Ct

ROAD

PRE-CONSTRUCTION

3/11/04 - SRA stake, contour correct. Install

(2) 70' trenches (SO) 3/12/04 - Tank set, trenches installed

INSTALLATION

OK to cover. Needs manhole & house man (SO)

3/18/04 House connection made, Cleanouts on tank. (BB)

FINAL INSPECTOR

B. Baker

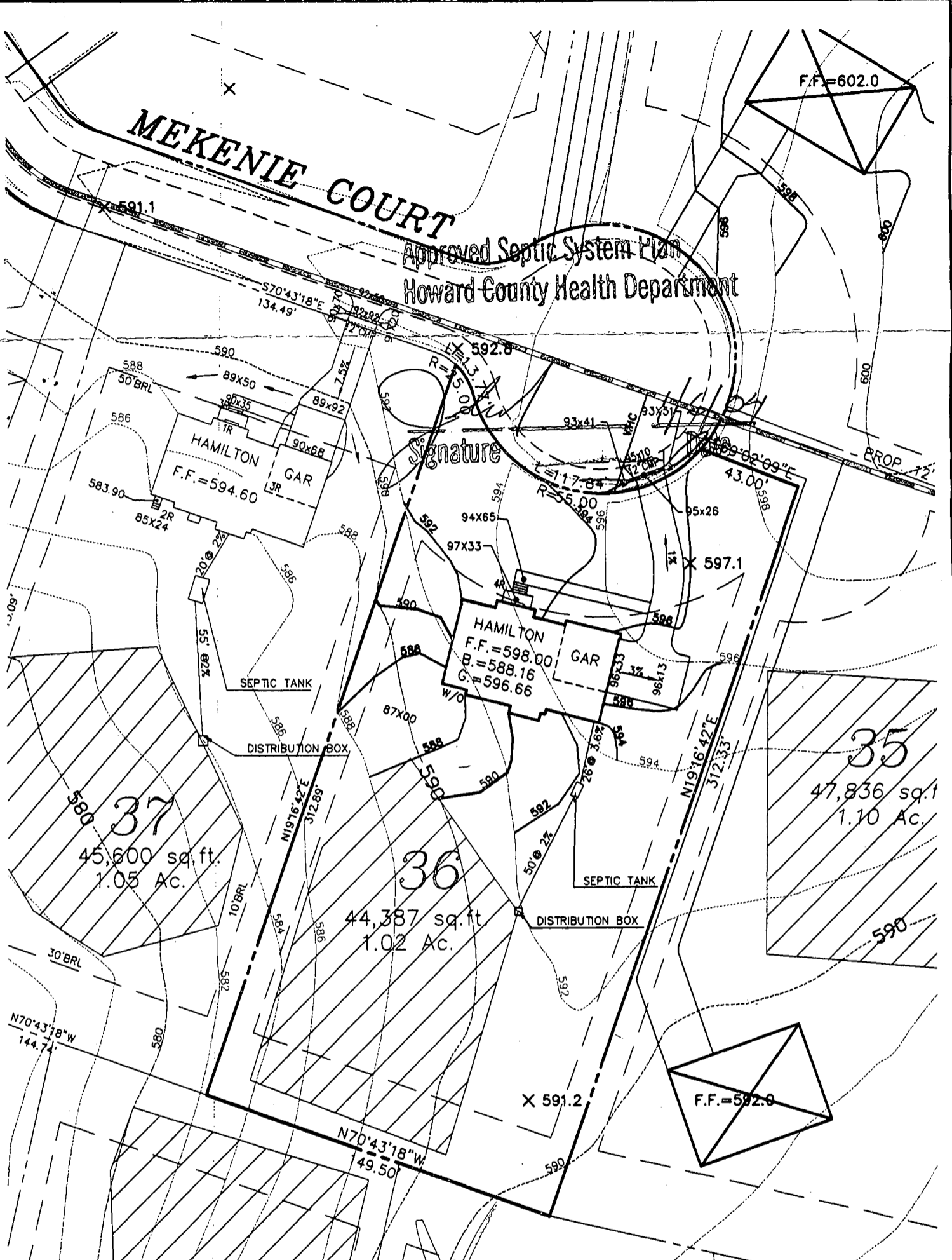
DATE OF APPROVAL

3/18/04



# MEKENIE COURT

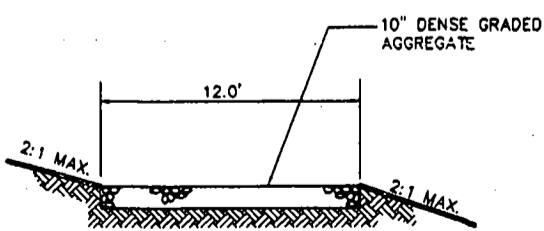
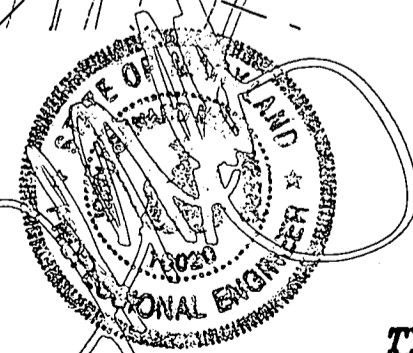
Approved Septic System Plan  
Howard County Health Department



- FIRST FLOOR EL.            = 598.00
- INV. OUT OF HOUSE       = 590.19
- INV. IN SEPTIC TANK      = 589.25
- INV. OUT OF SEPTIC TANK = 589.00
- EXIST. EL. AT SEPTIC TANK = 593.20
- PROP. EL. AT SEPTIC TANK = 592.00
- EXIST. EL. AT DIST. BOX   = 591.90
- INV. IN DIST. BOX       = 588.00

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

NO GRAVITY SEWER TO BASEMENT



**TYPICAL DRIVEWAY SECTION**  
NTS

## THE ESTATES AT SAND HILL

PLOT PLAN LOT # 36  
11916 MEKENIE COURT

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

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: MMT	SCALE: 1"=50'	DATE: DECEMBER 2, 2003

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

**HOWARD COUNTY  
 PERMIT APPLICATION**

**PERMIT NUMBER**

B-00145452 **THB**

Building Address 11916 MILE RUN RD Court  
MARLBOROUGH, MD 21104  
 Suite/Apt. #: \_\_\_\_\_ SDP/WP/Petition #: \_\_\_\_\_  
 Census Tract 6030 Subdivision Westgate at South Hill  
 Section \_\_\_\_\_ Area \_\_\_\_\_ Lot 36  
 Tax Map 16 Parcel 3 Grid 2  
 Zoning R-1000 Map Coordinates 100 Lot Size \_\_\_\_\_

Property Owner's Name \_\_\_\_\_  
 Address Oak Hill Properties, L.L.C.  
107 Loudoun Street, S.E.  
 City Leesburg, VA 20175-3106  
 Home Phone \_\_\_\_\_ Work Phone 703 243 3040  
 Applicant's Name & Mailing Address (if other than stated hereon):  
 \_\_\_\_\_  
 DEC 29 2003  
 Phone HOWARD COUNTY HEALTH DEPT  
BUREAU OF ENVIRONMENTAL HEALTH

Existing Use VACANT LOT  
 Proposed Use Construct New Home  
 Estimated Construction Cost \$ 90,000  
 Description of Work Construct a Hamilton  
2 story Full basement, 12R, 3RB  
1.5B, FP garage

Contractor Company \_\_\_\_\_  
 Contact Person Oak Hill Properties, L.L.C.  
107 Loudoun Street, S.E.  
 Address Leesburg, VA 20175-3106  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 License No. MAR 02163  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Occupant or Tenant \_\_\_\_\_  
 Contact Name Oak Hill Properties, L.L.C.  
107 Loudoun Street, S.E.  
 Address Leesburg, VA 20175-3106  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company Milkenberg  
 Contact Person Sohn  
 Address 5072 Dorsy Hall Drive  
 City Ellicott City State MD Zip Code 21031  
 Phone 410 777-0296 Fax 410 997-0298

**BUILDING DESCRIPTION - COMMERCIAL**

**BUILDING DESCRIPTION - RESIDENTIAL**

Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public <input type="checkbox"/> Private <input type="checkbox"/>
No. of stories: _____	Sewage Disposal: _____ Public <input type="checkbox"/> Private <input type="checkbox"/>
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____ Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular <input type="checkbox"/>	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
	Sprinkler system: N/A <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads _____

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: _____ Public <input checked="" type="checkbox"/> Private <input type="checkbox"/>
1st floor: <u>43</u> Depth <u>47</u> Width <u>47</u>	Sewage Disposal: _____ Public <input type="checkbox"/> Private <input checked="" type="checkbox"/>
2nd floor: <u>43</u> Depth <u>46</u> Width <u>46</u>	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Basement: <u>43</u> Depth <u>66</u> Width <u>66</u>	Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/>	Heating System: _____ Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: N/A <input checked="" type="checkbox"/> NFA #13D _____ NFA #13R _____ Other: _____
No. of Bedrooms <u>3</u>	
Multi-family dwellings: _____ No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: _____	
Roof: _____	
State Certified Modular <input type="checkbox"/>	
Manufactured Home <input type="checkbox"/>	

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 THERE TO; (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 \_\_\_\_\_

Print Name \_\_\_\_\_

Title/Company \_\_\_\_\_

Date \_\_\_\_\_

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

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	<u>11/6/04</u>	<u>J. Gray</u>
Fire Protection		

Is Sediment Control approval required prior to issuance?  
 YES  NO

CONTINGENCY CONSTRUCTION START:   
 ONE STOP SHOP:

DPZ SETBACK INFORMATION

Front: \_\_\_\_\_  
 Rear: \_\_\_\_\_  
 Side: \_\_\_\_\_  
 Side St.: \_\_\_\_\_  
 All minimum setbacks met? YES  NO   
 Is Entrance Permit required? YES  NO   
 Historic District? YES  NO   
 Lot Coverage for New Town Zone \_\_\_\_\_  
 SDP/Red-line approval date \_\_\_\_\_

PROPERTY ID: 60405  
 Filing fee \$ 100.00  
 Permit fee \$ \_\_\_\_\_  
 Excise tax \$ \_\_\_\_\_  
 Add'l per. fee \$ \_\_\_\_\_  
 TOTAL FEES \$ \_\_\_\_\_  
 Sub-total paid \$ \_\_\_\_\_  
 Balance due \$ \_\_\_\_\_  
 Check # 7801  
 Validation # 37419  
 Accepted by: [Signature]

Distribution of Copies: White: Building Official; Green: LDD, DPZ; Yellow: D&D, DPZ; Pink: Health; Gold: SHA

# 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:

1/ DIVISION Sand Hill Property LOT NO. 1 though ~~78~~ 48 & 43 & 42

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  
43D-48A

0' topsoil  
orange yellow Si.Lm  
4.0 lgt tan orange SaLm micaceous 30-40% shale @ 8.0'  
11.0

48D

like 43D-48A visual to 11.0

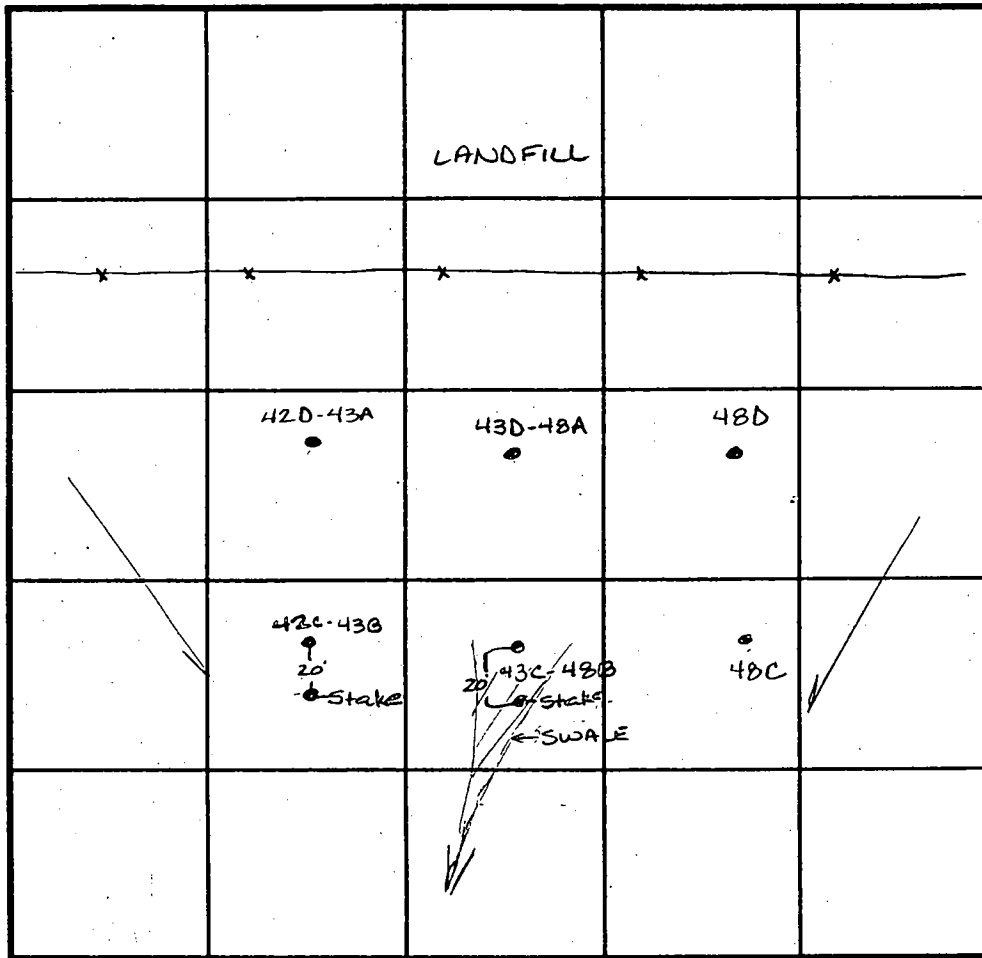
43C-48B

like 48C visual to 11.5

48C

dark red brn Si.CiLm

4.5 lgt or tan SaLm 15% Ry  
11.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
0' 42C-43B

orange brown Si.CiLm  
3.0 lgt tan SaLm micaceous some orange Si.Lm pockets 10% Rock  
11.5

42D-43A

dark red or Si.CiLm  
3.0 dark or SaLm 20% shale micaceous  
12.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-7-99	43D-48A	3.5 / VII.0	10:21	10:30	10:30	10:41	11min
		7. / VII.0	10:20	10:22	10:22	10:24	2min
	48D	Visual to 11.0'	-see profile				OK
	48C	5.0 / VII.0	10:33	10:35	10:35	10:38	3min
	43C-48B	4.5' / VII.5	10:43	10:44	10:44	10:46	2min
	42C-43B	4.5 / VII.5	10:48	10:50	10:50	10:52	2min
	42D-43A	Visual to 12.0	-see profile				OK

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

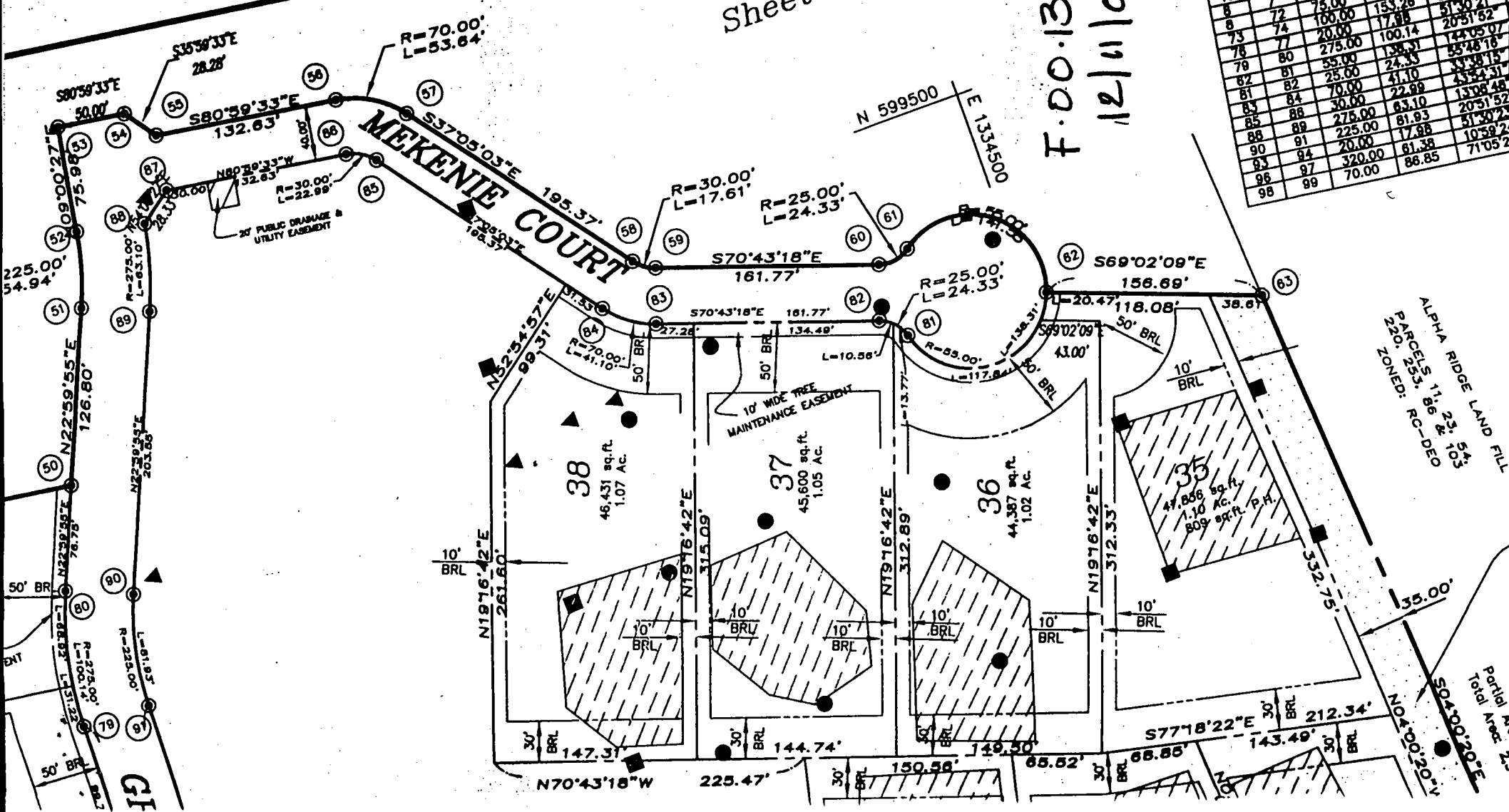
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



Sheet 4 of 6

F.00.136  
12/11/00

		CURVE DATA			
FROM	TO	RAD.	ARC.	DELTA	TAN
				13°59'28"	27.6
51	52	225.00	54.84	43°54'31"	28.2
58	57	70.00	53.84	33°38'15"	13.1
58	59	30.00	17.81	55°48'18"	17.1
80	81	25.00	24.33	147°27'25"	18.1
81	82	35.00	141.55	58°30'18"	2.1
81	82	30.00	31.18	10°59'24"	1.1
70	71	280.00	53.71	38°24'40"	1.1
18	17	55.00	38.95	87°48'38"	4.1
15	14	50.00	78.63	80°51'15"	1.1
12	11	125.00	198.21	15°58'57"	1.1
10	9	75.00	119.08	87°48'38"	1.1
8	7	75.00	119.08	87°48'38"	1.1
8	7	100.00	17.88	51°30'21"	1.1
73	74	20.00	100.14	20°51'52"	1.1
78	77	275.00	138.31	144°05'07"	1.1
78	80	55.00	24.33	55°48'18"	1.1
82	81	25.00	24.33	33°38'15"	1.1
81	84	70.00	41.10	43°54'31"	1.1
85	86	30.00	22.99	13°08'48"	1.1
88	89	275.00	63.10	20°51'52"	1.1
90	91	225.00	81.93	51°30'21"	1.1
93	94	20.00	17.88	10°59'24"	1.1
96	97	320.00	61.38	10°59'24"	1.1
98	99	70.00	86.85	71°05'24"	1.1





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

March 18, 2004

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 # 36  
11916 Mekenie Court  
BP# B00145452  
**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 3/18/2004.**

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,

*Brian Baker*

Brian Baker, R. S.  
Well & Septic Program

mlb  
cc: Building Inspector's Office  
File