

LAYOUT 12/10/03 - 12-12-03 INSP 4
INSP 2 3/18/04 - 3PM INSP 5
INSP 3 _____ INSP 6 _____

ISSUE DATE: 12/4/2003 P 519689
APPROVAL DATE: 3/18/04 A 511441-F

PERMIT INDEXED

RPS
334678

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 Road, Sykesville PHONE NUMBER: 410-795-5670
SUBDIVISION: The Estates @ Sandhill LOT NUMBER: 30
ADDRESS: 11905 Mekenie Court PROPERTY OWNER: Oak Hill Properties, LLC
SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED
PUMP CHAMBER CAPACITY (GALLONS): 1250 ~~1000~~ COMPARTMENTED TANK REQUIRED
NUMBER OF BEDROOMS: 4
SQUARE FEET PER BEDROOM: 210
LINEAR FEET OF TRENCH REQUIRED: 232 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 1.0 feet of stone below distribution pipe.
LOCATION:	Relocate the distribution box to the corner of the septic easement 15' from where bearing lines s42°55'45"E & n072°07"E meet. S42°55'45"E & N072°07"E
NOTES:	Run (3) 60' trenches and (1) 52' trench 12 feet center to center parallel to contour of the 52' trench at the 582' elevation contour line. WITH

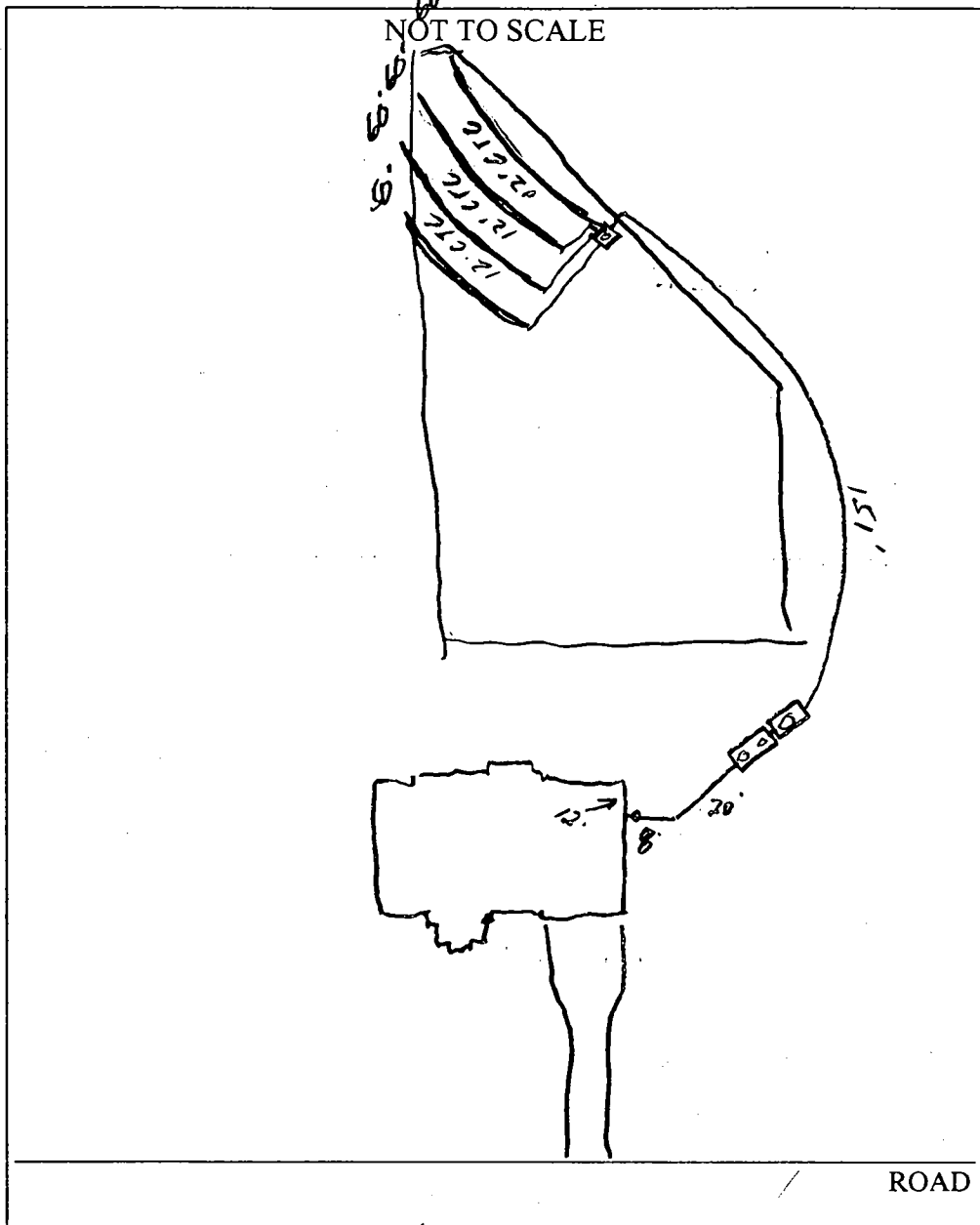
PLANS APPROVED: Frank Alfonso OK FA 12/2/02 DATE: 10/30/03

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 PERMITTED FOR OBTAINING FINAL APPROVAL ON THIS PERMIT BUILDING PERMIT SIGNED AND RETURNED TO THE HEALTH DEPARTMENT 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

1/18/04 BDD 157 236 - DEUK

A511441-F



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		230'
ABSORPTION AREA		690 sq
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

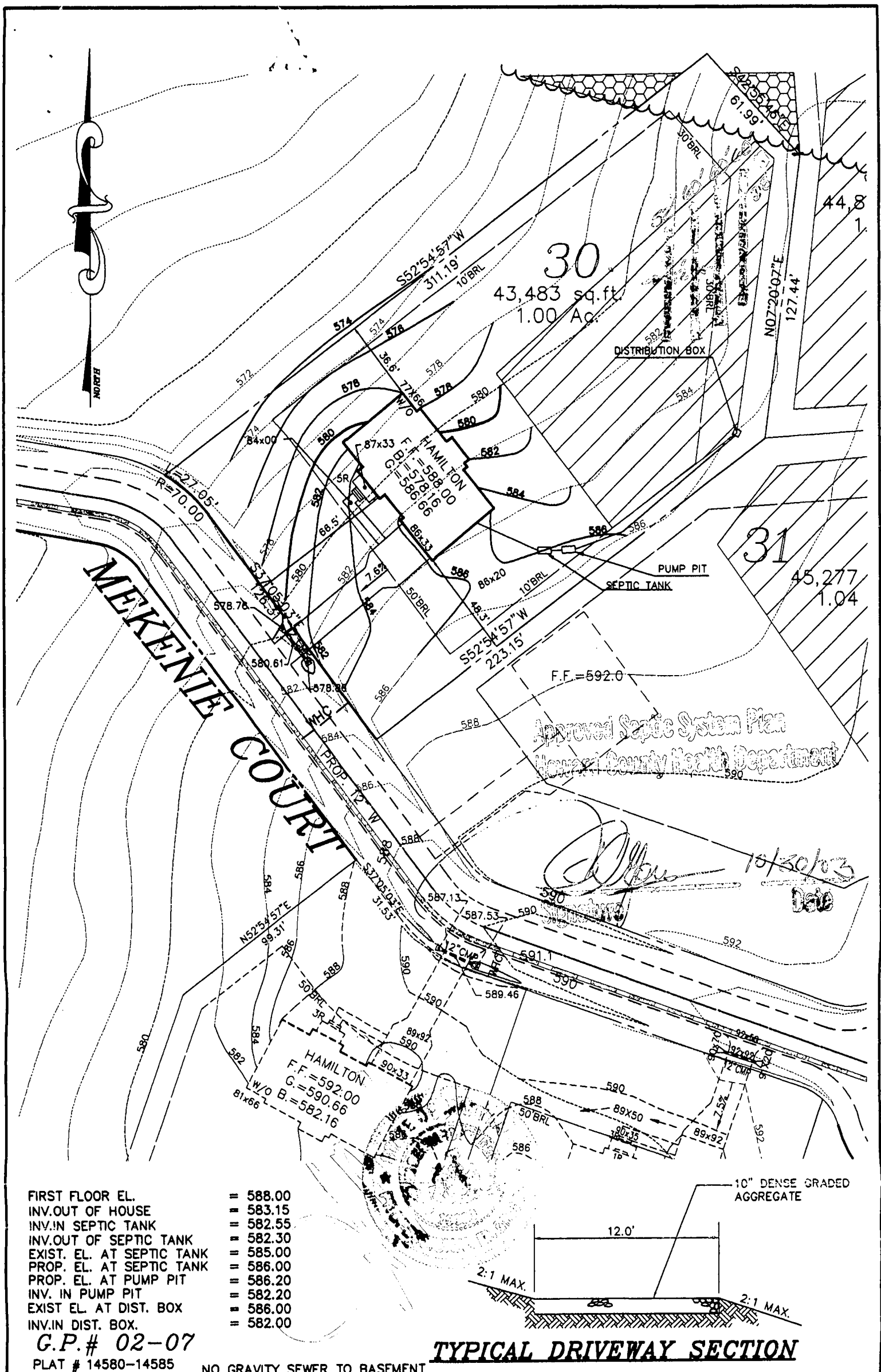
SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>		
Comp	CAPACITY	1500 GAL
	SEAM LOC	Top
	TANK LID DEPTH	1.5'
	BAFFLES	<input checked="" type="checkbox"/>
	BAFFLE FILTER	<input checked="" type="checkbox"/>
	MANHOLE LOC	Front
	6" PORT LOC	Back
	WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>		
	CAPACITY	1250 GAL
	SEAM LOC	Top
	TANK LID DEPTH	1.5'
	BAFFLES	<input checked="" type="checkbox"/>
	BAFFLE FILTER	<input checked="" type="checkbox"/>
	MANHOLE LOC	Center
	6" PORT LOC	<input checked="" type="checkbox"/>
	WATERTIGHT TEST	<input checked="" type="checkbox"/>

PRE-CONSTRUCTION 12/10/03 - SRA stated, contours accurate. Set D.B. in middle of highest area, install (4) 60' trenches (SO)

INSTALLATION 12/17/03 - OK to cover all work. Pump & Alarm test needed (SO) 3/18/04 Pump and alarm working (RB)

FINAL INSPECTOR B. Baber DATE OF APPROVAL 3/18/04

BUILDING DEPARTMENT



- FIRST FLOOR EL. = 588.00
- INV. OUT OF HOUSE = 583.15
- INV. IN SEPTIC TANK = 582.55
- INV. OUT OF SEPTIC TANK = 582.30
- EXIST. EL. AT SEPTIC TANK = 585.00
- PROP. EL. AT SEPTIC TANK = 586.00
- PROP. EL. AT PUMP PIT = 586.20
- INV. IN PUMP PIT = 582.20
- EXIST. EL. AT DIST. BOX = 586.00
- INV. IN DIST. BOX = 582.00

G.P.# 02-07

PLAT # 14580-14585 NO GRAVITY SEWER TO BASEMENT

TYPICAL DRIVEWAY SECTION

THE ESTATES AT SAND HILL

PLOT PLAN LOT # 30
11905 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: OCTOBER 24, 2003

6072 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

00044750

Building Address 11905 MEXICUM CT
ELLSMOUTHVILLE MD 21119
 Suite/Apt. # _____ SDP/WP/Petition # _____
 Census Tract 6-30 Subdivision Easton Smith
 Section 6 Area _____ Lot 30
 Tax Map 14 Parcel 3 Grid 2
 Zoning R-1 Max. Area _____ Lot size _____

Property Owner's Name OAK HILL PROPERTIES
 Address 1071 LOUDOUN ST SE
 City LEESBURG State VA Zip Code 20175
 Home Phone 703 443 0100 Work Phone 703 443 0100
 Applicant's Name & Mailing Address; (if other than stated hereon): _____
 Phone _____ Fax _____

Existing Use _____
 Proposed Use _____
 Estimated Construction Cost \$ _____
 Description of Work REMODELING

Contractor Company SAM L AS MOVE
 Contact Person _____
 Address _____
 City _____ State _____ Zip Code _____
 License No. 0165 Phone _____ Fax _____

Occupant or Tenant Oak Hill Properties
 Contact Name _____
 Address 1071 Loudoun St SE
 City Leesburg State VA Zip Code 20175
 Phone 703 443 0100 Fax 703 443 0100

Engineer or Architect Company MILNERBOND
 Contact Person JOHN
 Address 5072 DORSEY HALL
 City ELLSMOUTH CITY State MD Zip Code 21042
 Phone 410 997 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"/>	Heating System Electric <input type="checkbox"/> Oil <input type="checkbox"/>
Structural Steel <input type="checkbox"/>	Natural Gas <input type="checkbox"/>
Masonry <input type="checkbox"/>	Propane Gas <input type="checkbox"/>
Wood Frame <input type="checkbox"/>	Sprinkler system N/A <input type="checkbox"/>
State Certified Modular <input type="checkbox"/>	Full <input type="checkbox"/>
	Partial <input type="checkbox"/>
	Other Suppression # 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"/>
Depth _____ Width _____	Sewage Disposal Public <input type="checkbox"/> Private <input checked="" type="checkbox"/>
1st floor _____	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2nd floor _____	Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Basement _____	Heating System Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/>	Natural Gas <input checked="" type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Propane Gas <input type="checkbox"/>
No. of Bedrooms <u>4</u>	Sprinkler system N/A <input checked="" type="checkbox"/>
Multi-family dwellings	NFPA #13D <input type="checkbox"/>
No. of efficiency units _____	NFPA #13R <input type="checkbox"/>
No. of 1 BR units _____	Other _____
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 TO THIS; (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]
 Title/Company _____

Print Name [Name]
 Date [Date]

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
 ** PLEASE WRITE NEATLY AND LEGIBLY **

AGENCY	DATE	SIGNATURE APPROVAL	FOR SETBACK INFORMATION	PROPERTY ID
Land Development/DPZ			Front _____	<u>57943</u>
Public Works			Side _____	
Building/Financial			Side St. _____	
City Engineering/DPZ			All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	
Health	<u>10/20/03</u>	<u>[Signature]</u>	Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	
Fire/Inspection			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	
Sediment control approval required prior to issuance			Is Flood Coverage for New Down Zones? YES <input type="checkbox"/> NO <input type="checkbox"/>	
			SDP/Red-line approval date _____	

CONSTRUCTION START DATE _____
 ONE STOP SHOP
 Distribution of Copies: White (Building Official) Green (ADD, DPZ) Yellow (DEB, DPZ) Pink (Health) Gold (SFP)
 Issues/PERMIT TERM _____

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. 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

37g

orange brown silty clay

5.0

tan yellow silty clay

12.0

37k

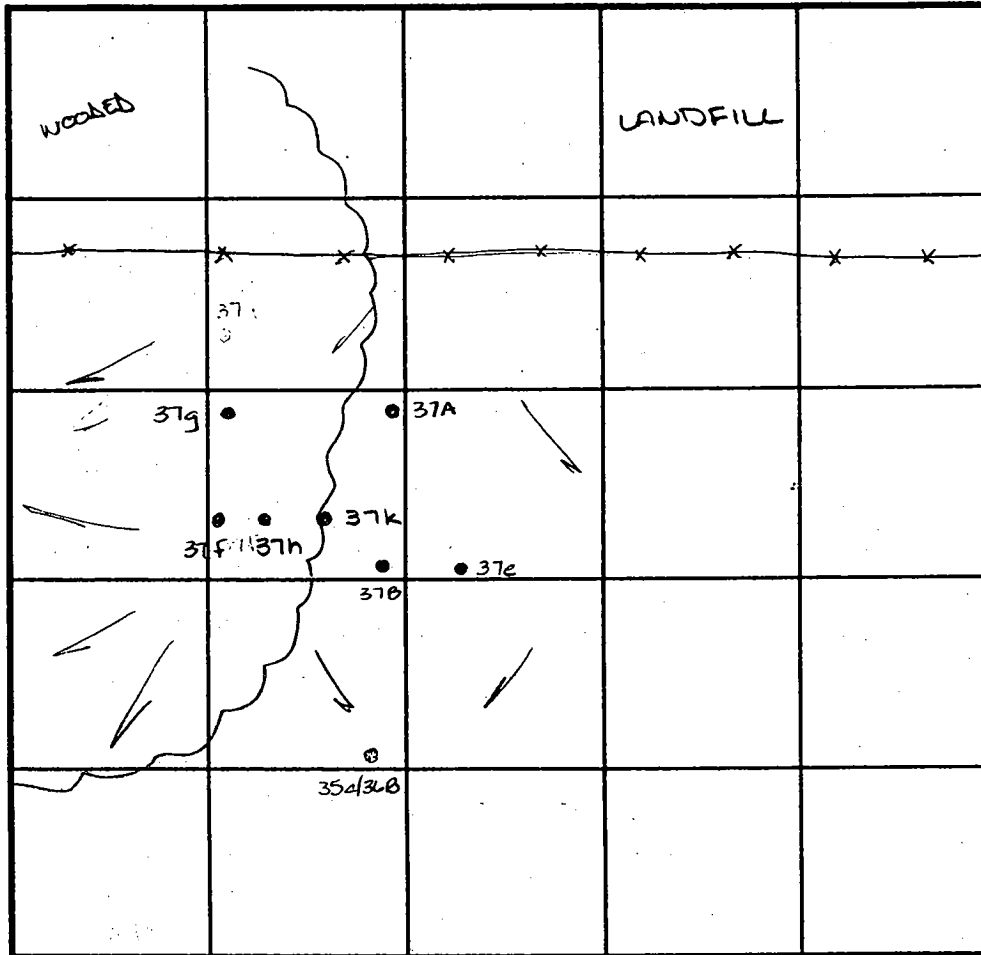
dark orange brown silty clay

4.0

orange brown silty clay 30% Rx

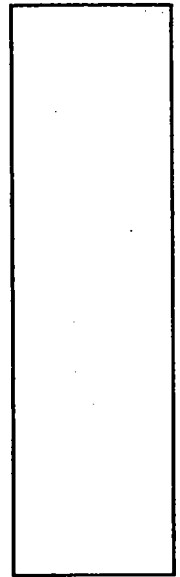
9.0

refusal



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	
4-7-99	37f	Insufficient depth to bedrock - refusal @ 6.0'					F
	37h	>50% rock beginning @ 5.0'					
		Insufficient depth to bedrock					F
	37g	5.5' / 12.0'	3:35	3:36	3:36	3:38	2min
	37k	4.0' / 12.0'	11:04	11:10	11:10	11:21	11min

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

COUNTY #

SOIL PROFILE
37D/38A

0' dark red SiCLM

6.0 dark red SiLM 20% Rx

3.0 white & orange coarse sand & decayed feldspar not H₂O

36C

37C 37E

4.0 dark red brown SiCLM

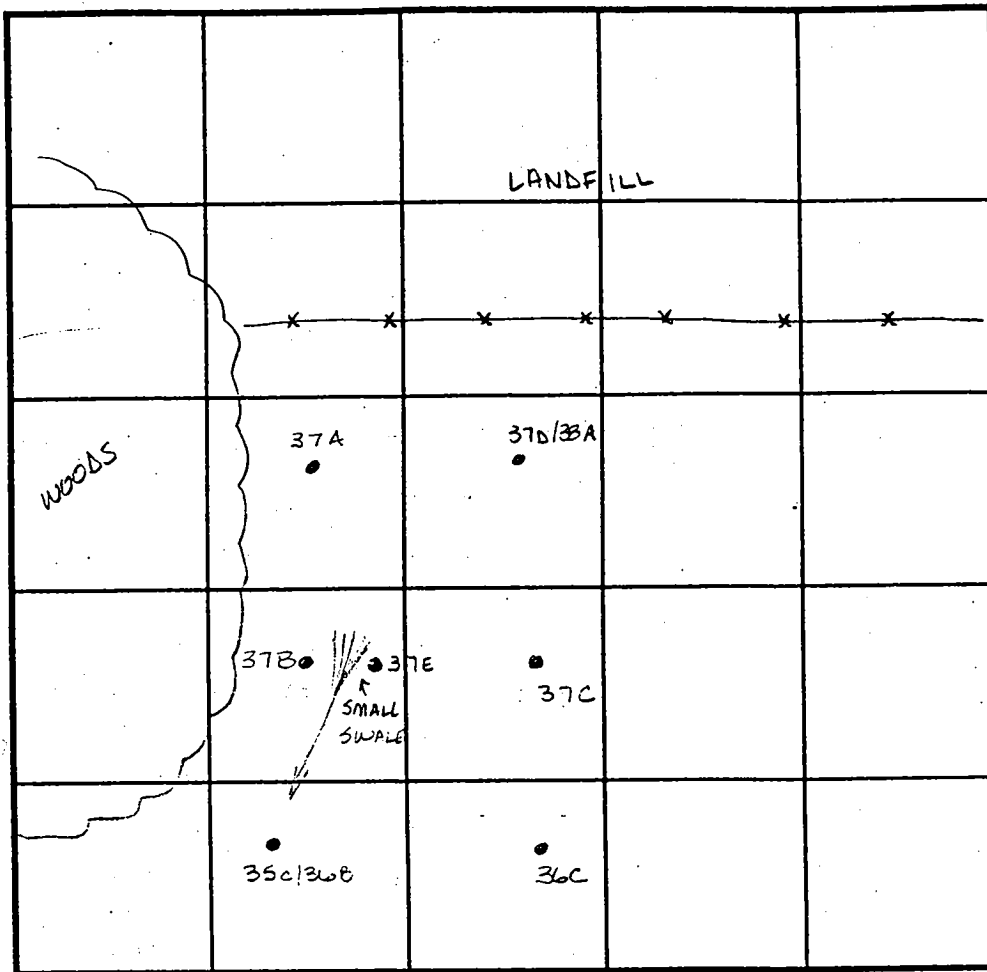
4.0 dark orange SALM 30% Rx

9.0 dark red SALM 60% shale

37B

dark or SiCLM 30% shale

1.0 lat orange tan SALM 40% shale



SOIL PROFILE
37A

0' dark red orange SiCLM

4.0 orange brn coarse sand micaceous 20% Saprolite



11.5 35C/36B
brn SiCLM

8.0 yellow & white SiLM decayed quartzite

10.0 darker or brn mottled SALM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

13.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-7-99	37D/38A	5.0 / VII.5	11:42	>30	min OK	360 -	OK
		8.5 / VIII.5	11:41	11:46	11:46	12:10	24min
	37C	5.0 / VI.20	11:52	11:56	11:56	12:15	19min
	37B	3.5 / VI.00	12:13	12:18	12:18	12:19	1min
		repour	12:19	12:20	12:20	12:21	1min
		Perce test fast for amt of rock					F
	37A	Visual to 11.5	- see profile				OK
	37E	4.0 / VII.00	1:40	1:41	1:41	1:44	3min
	35C/36B	4.5 / VI.3.0	1:49	1:56	1:56	2:10	14min
	36C	4.0 / VII.0	2:01	2:03	2:03	2:06	3min

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 _____



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 19, 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 # 30
11905 Mekenie Court
BP# B00144750
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, R. S.
Well & Septic Program

mlb
cc: Building Inspector's Office
File

FOREST RETENTION AREA #4

LOT 79 - OPEN SPACE

LOT 32

LOT 31

MEKENIE COURT

11-18-04 15' TO
SDA 20'
TO EX TRENCH
KN

APPROVED

WALK-THRU BUILDING PERMIT

PERMIT # 600151226 A# 511441-F

APP. SAN Kevin DATE: 11-18-04

DESC. OF WORK: Deck

10' PUBLIC TRAIL
MAINT. ESMN

CURVE TABLE						
No.	Radius	Length	Delta	Tangent	Chord	Distance
1	70.00	27.05	22°08'13"	13.89	N48°09'09"W	26.88

LOT 30
**THE ESTATES AT
SAND HILL**

TOP OF WALL ELEV. = 586.7'±0.2'
FIRST FLOOR ELEV. = 587.9'±0.2'

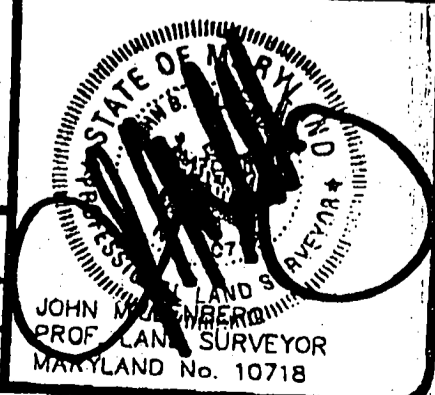
ADDRESS.: 11905 Mekenie Court

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.

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

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

Engineers Planners Surveyors
6072 Dorsey Hall Drive, Suite 202, Elkton City, Maryland 21042
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 987-0288 Fax.



FOUNDATION	DATE: 11/25/03	FINAL	DATE: 03/15/04
DRAWN BY: T. HILL	SCALE: 1" = 50'		
PROJECT NO.: 00-074	LOCATION DRAWING		