

03334791

LAYOUT 11/8/04 Blum INSP 4 11/20/05 - 12-1
 INSP 2 11/10 INSP 5 _____
 INSP 3 11/16 INSP 6 _____

ISSUE DATE: 11/5/2004P 521566APPROVAL DATE: 1/25/05A 511441-5

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: 42

ADDRESS: 12073 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 ☒

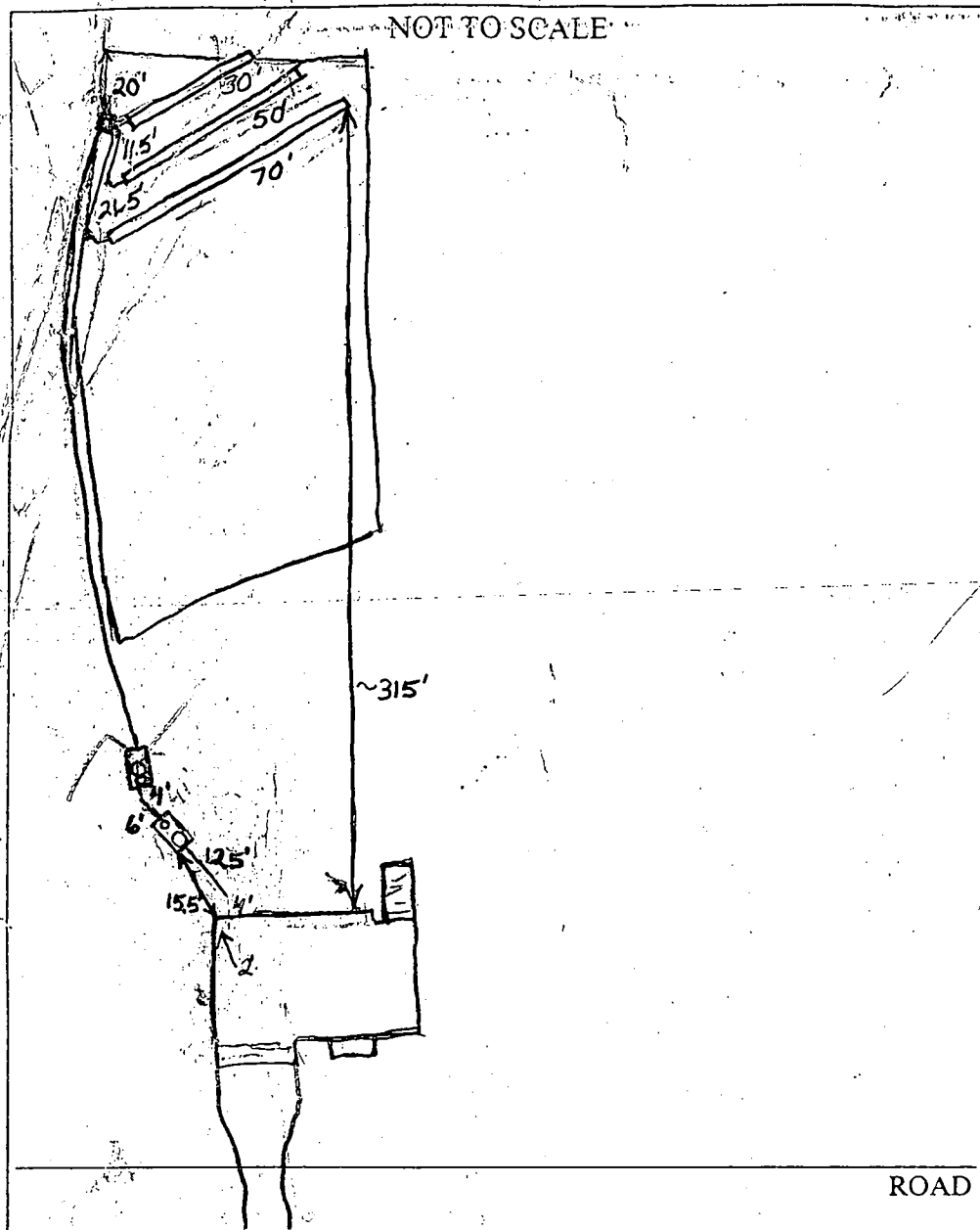
TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 1.5 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest possible location in the approved SDA as shown on the approved building permit plan.
NOTES:	

PLANS APPROVED: Kevin J. Bell 1/19/05 DATE: 4/08/04

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**

A511441-5



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4.5'	6'
NUMBER OF TRENCHES		3
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	1500 GAL
SEAM LOC	top
TANK LID DEPTH	1.5'-2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL ✓	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No

PRE-CONSTRUCTION 11/8/04. SDA staked, contours o.k. 3 trenches
 one 30', one 50' and one 70' trench to be installed per B.P. (P.4)

INSTALLATION 11/10/04 No work done (BB) 11/12/04 tanks set, still need
 baffles, hook up, cleanouts (PY) 11/16/04 Need house connection and pump and
 alarm test. Installer to cut grade over pump chamber down to 3'. (BB)

1/20/05 - Pump & Alarm work but on same circuit.
 Need to be separate (SO) No one there 1/24/05 (PAP)

1/25/05 Pump and alarm working and wired up correctly. (BB)

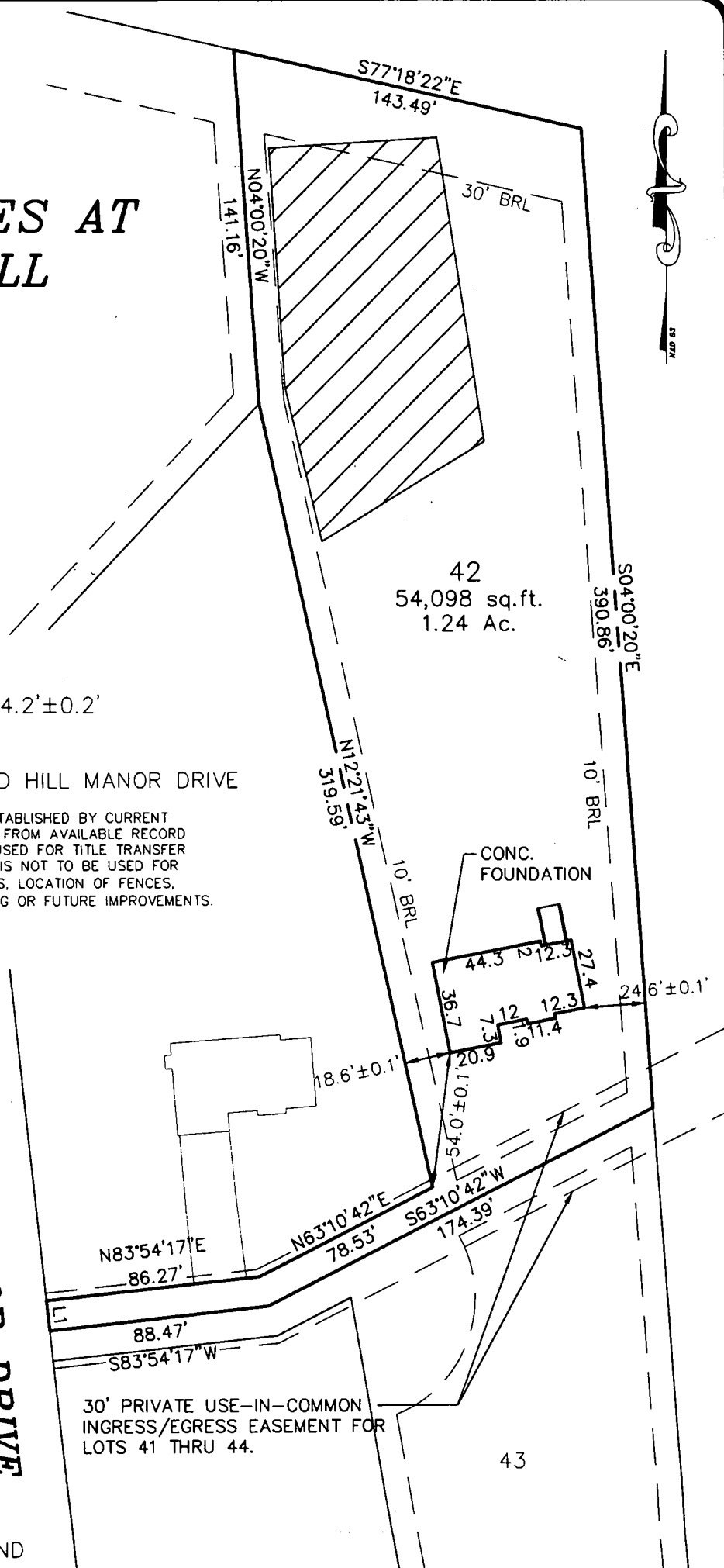
FINAL INSPECTOR B. Baker

DATE OF APPROVAL 1/25/05

Circuit breaker 29

11/1/04

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

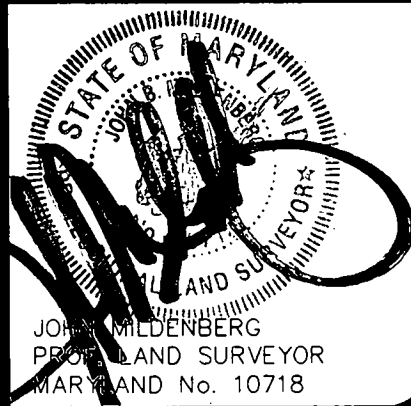


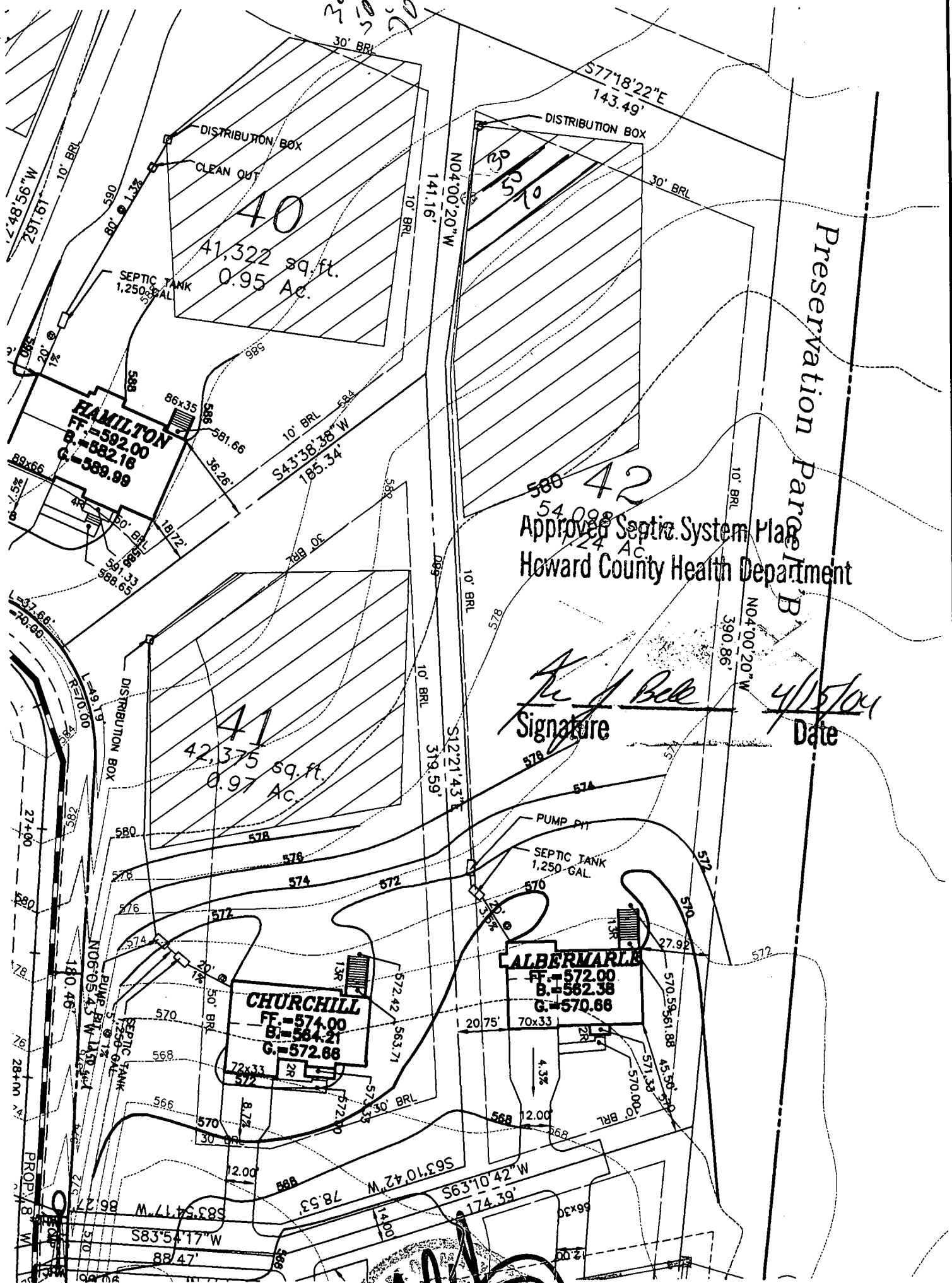
**MILDENBERG
BOENDER, & ASSOC., INC.**

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: 10/21/04	FINAL	DATE:
DRAWN BY: T. HILL		SCALE: 1" = 60'		
PROJECT NO.: 00-074		LOCATION DRAWING		





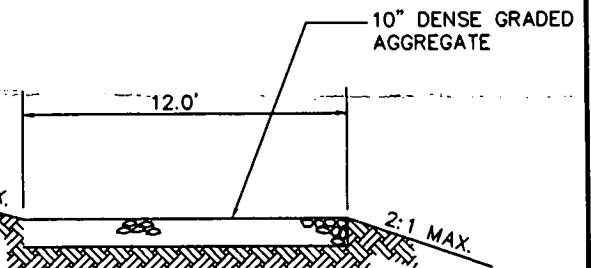
FIRST FLOOR EL. = 572.00
 INV. OUT OF HOUSE = 569.00
 INV. IN SEPTIC TANK = 568.30
 INV. OUT OF SEPTIC TANK = 568.05
 EXIST. EL. AT SEPTIC TANK = 574.30
 PROP. EL. AT SEPTIC TANK = 571.30
 PROP. EL. AT PUMP PIT = 572.00
 INV. IN PUMP PIT = 568.00
 EXIST. EL. AT DIST. BOX = 583.70
 INV. IN DIST. BOX = 581.70

G.P. # 02-049

PLAT # 14580-14585

NO GRAVITY SEWER TO BASEMENT

TYPICAL DRIVEWAY SECTION



THE ESTATES AT SAND HILL

PLOT PLAN LOT # 42
 12073 SAND HILL MANOR

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: MMT	SCALE: 1"=50'	DATE: MARCH 25, 2004



**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

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 300 COURT HOUSE DRIVE ELLCOTT CITY, MD 21043 PERMITS (410) 313-2655 INSPECTIONS (410) 313-1210 AUTOMATED INFORMATION (410) 313-3000	HOWARD COUNTY PERMIT APPLICATION	PERMIT NUMBER B047260 KB
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Building Address <u>12073 SANDHILL MANOR DR</u> <u>MARBLE HILL MD 21044</u>	Property Owner's Name _____
Suite/Apt. # _____ SDP/WP/Petition # _____	Address _____
Census Tract <u>6030</u> Subdivision <u>STATES AT SANDHILL</u>	City <u>Oak Hill Properties, L.L.C.</u> Zip Code _____
Section _____ Area _____ Lot <u>11A</u>	Home Phone <u>5305 Jefferson Pike</u> <u>Frederick, MD 21703-6917</u>
Tax Map <u>16</u> Parcel <u>3</u> Grid <u>21</u>	Applicant's Name & Mailing Address: (if other than stated hereon): _____
Zoning <u>R16</u> Map Coordinates <u>561</u> Lot size <u>1.14</u>	Phone <u>301 662-0435</u> Fax <u>301 473-7143</u>
Existing Use <u>VALUATION LOT</u>	Contractor Company _____
Proposed Use <u>NEW CONSTRUCTION</u>	Contact Person <u>Oak Hill Properties, L.L.C.</u>
Estimated Construction Cost \$ <u>75000</u>	Address <u>5305 Jefferson Pike</u> <u>Frederick, MD 21703-6917</u>
Description of Work <u>CONSTRUCT NEW ALBERMARLE</u> <u>2 STORY PART HOME, 9R, 2FB,</u> <u>1 HD, FP & GARAGE (4 BR)</u>	City _____ State _____ Zip Code _____
Occupant or Tenant _____	License No. <u>MD 2165</u>
Contact Name <u>Oak Hill Properties, L.L.C.</u>	Phone _____ Fax _____
Address <u>5305 Jefferson Pike</u> <u>Frederick, MD 21703-6917</u>	Engineer or Architect Company <u>M. L. L. L. L.</u>
City _____ State _____ Zip Code _____	Contact Person <u>John</u>
Phone <u>301 662-0435</u> Fax <u>301 473-7143</u>	Address <u>5072 Dorsey Hall Drive</u> # <u>202</u>
	City <u>ELLCOTT CITY</u> State <u>MD</u> Zip Code <u>21042</u>
	Phone <u>410 797-0296</u> Fax <u>410 797-0298</u>

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

<u>Room Key</u> Applicant's Signature _____	<u>Room Key</u> Print Name _____
<u>C.O.D.</u> Title/Company _____	<u>7/7/2004</u> Date _____

Checks payable to: <u>DIRECTOR OF FINANCE OF HOWARD COUNTY</u>	
** PLEASE WRITE NEATLY AND LEGIBLY **	
FOR OFFICE USE ONLY	
AGENCY	DATE
Land Development DPZ	4/15/04
State Highways	
Building Official	
Dev Engineering DPZ	
Health	
Fire Protection	
Is Sediment Control approval required prior to issuance?	
YES <input type="checkbox"/> NO <input type="checkbox"/>	
CONTINGENCY CONSTRUCTION START <input type="checkbox"/>	
ONE STOP SHOP <input type="checkbox"/>	
Distribution of Copies	
White Building Official	
Green EDD DPZ	
Yellow DED DPZ	
Pink Health	
Gold SHA	
Forms PERMIT FRM	

DPZ SETBACK INFORMATION	PROPERTY ID: <u>61591</u>
Front: _____	Filing fee \$ <u>100</u>
Rear: _____	Permit fee \$ _____
Side: _____	Excise tax \$ _____
Side St: _____	Add'l per fee \$ _____
All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Balance due \$ _____
Lot Coverage for New Town Zone _____	Check # <u>44987</u>
SDP/Red-line approval date _____	Validation # <u>44987</u>
	Accepted by <u>12</u>

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

49A

heavy
or brn
siltm

4.0

pink to
red
silm

6.0

lgt tan
sand
some
quartzite
& horiz.
banding
Mg & Fe

12.0

49B

red
brown
siltm

3.5

pink to
red
salm

12.0

49C

dark
red brn
siltm

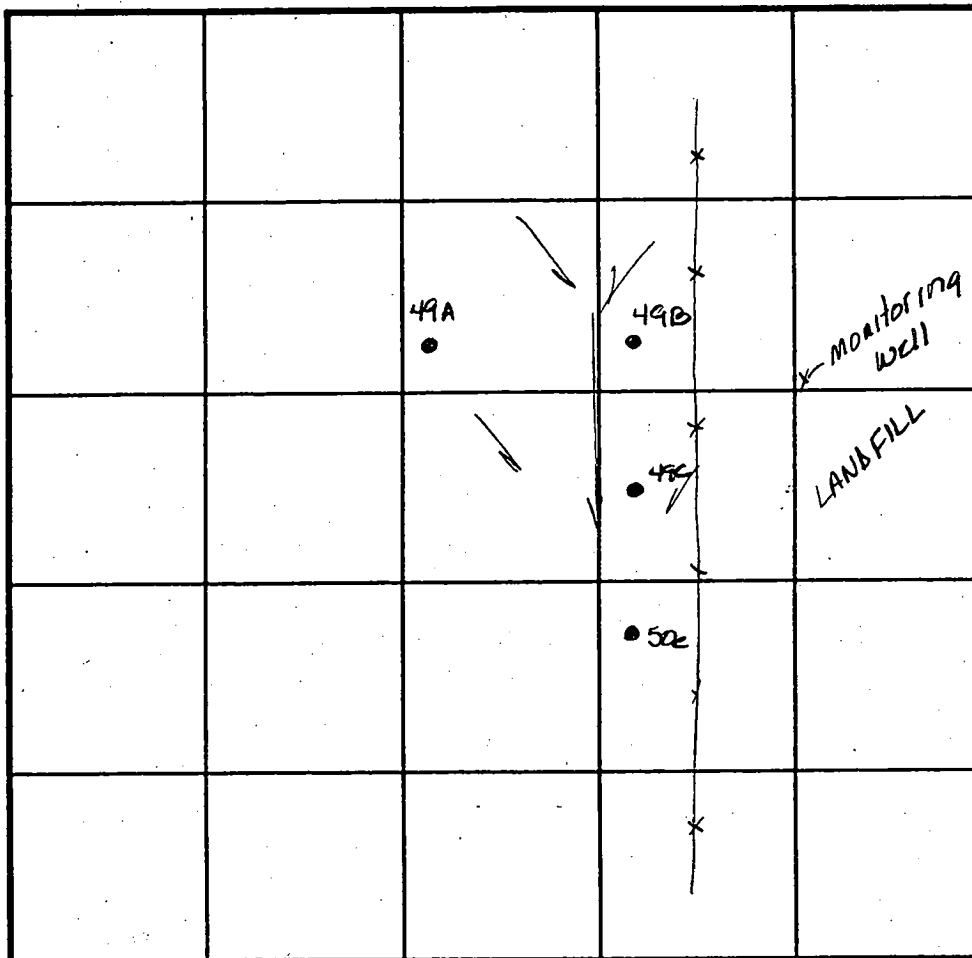
4.5

orange
tan
siltm

9.0

dull
grey brn
salm
possible
H₂O

11.5



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

50e

dark
red
siltm

5.0

orange
brown
siltm

8.0

dark
black
brn
silm
possible
H₂O

10.5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-6-99	50e	Insufficient depth to H ₂ O-see profile					F
	49a	4.5 12.0	2:34	243	243	252	9min
	49b	Visual to 12.0 - see profile					OK
	49c	5.5 12'	3:00	307	307	317	10min

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen / Steve

ALSO PRESENT Olen Ketherman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

COUNTY#

SOIL PROFILE

0' 50b

orange
brown
silt/clm

3.0

very
coarse
salm
1qt tan
to high
decayed
feldspar
10%

2.0

50a/49b

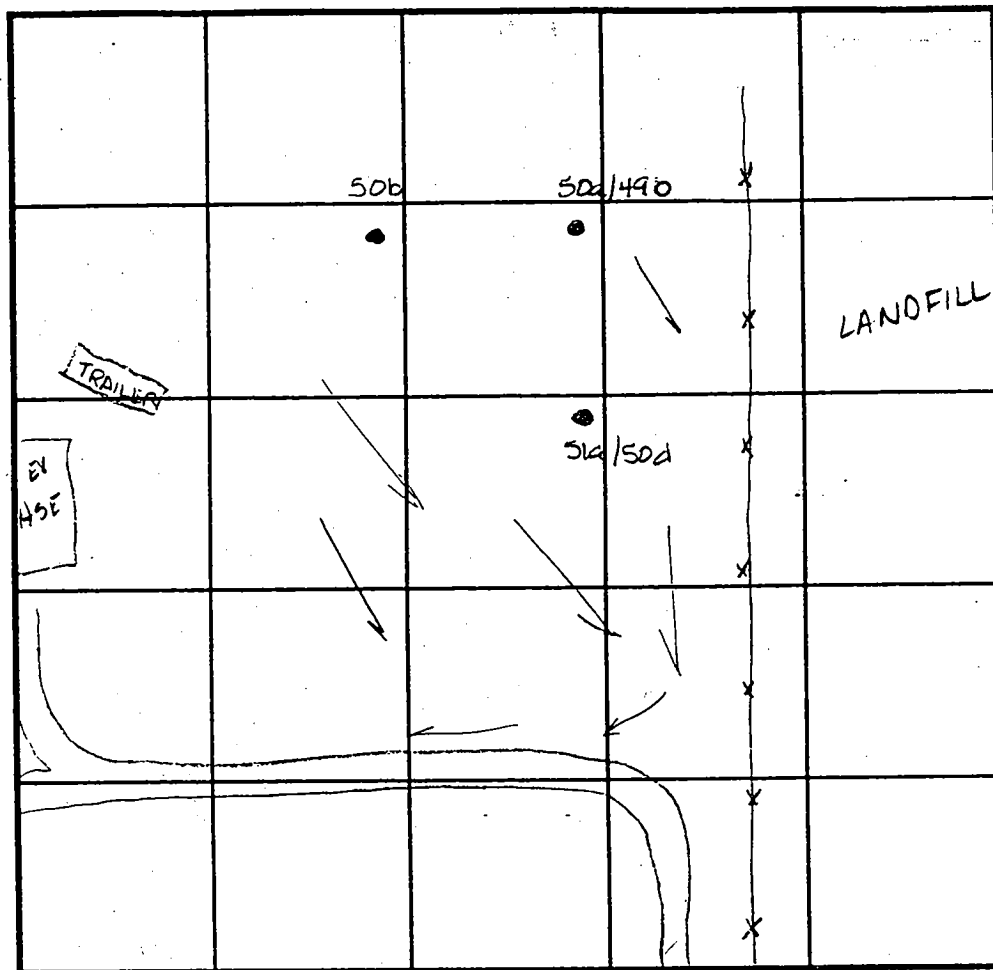
like
50b
but
possible
H₂O
problems
@bottom
(damp
decayed
feldspar)

2.0

51a/50d

heavy
red
silt/clm

4.0

high
matrix
in hole
yellow/
black/
red
swirls
somewhat
vertical

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-6-99	50a/49b	3.5 / 12.5	2:14	Test stopped at 2:24			
	Redig	4.5 / 12.5	2:29	2:44	2:44	Test stopped at 3:10	
	50b	Visual	to 12.0	-sec	profile		OK
	51a/50d	4.5 / 12	1:23	1:37	1:37	Stopped Test at 1:57	
	Redig	5.5 / 12	2:00	2:03	2:03	2:06	3 min
	Redig	5.5 / 12.5	3:25	3:26	3:26	3:28	2 min

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillan / Steve

ALSO PRESENT Olen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

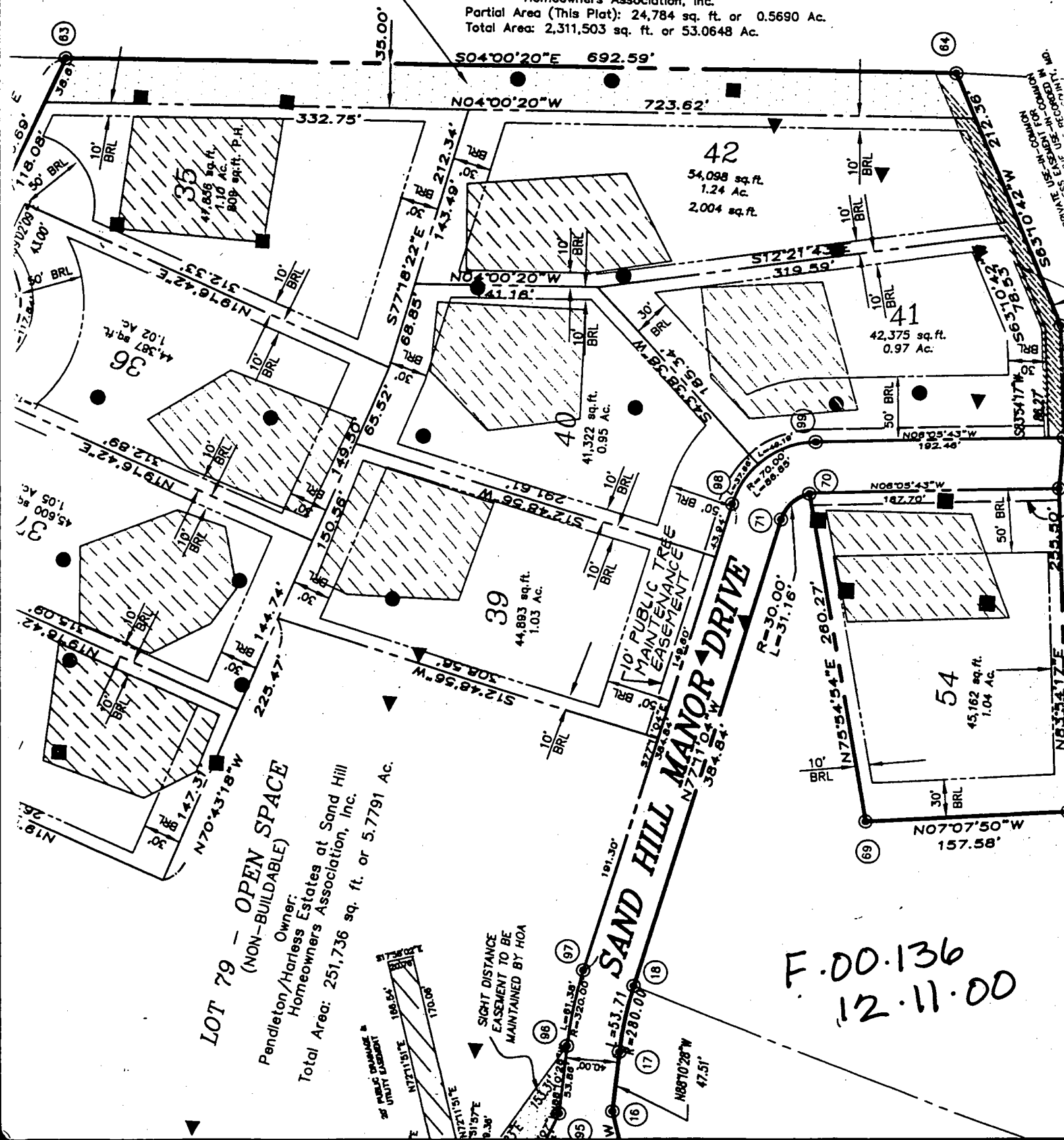
MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

PARCELS 11, 23, 54,
220, 253, 86 & 103
ZONED: RC-DEO

Owner: Oak Hill Properties LLC

Easement Holders: Howard County, MD. &
Pendleton/Harless Estates at Sand Hill
Homeowners Association, Inc.
Partial Area (This Plot): 24,784 sq. ft. or 0.5690 Ac.
Total Area: 2,311,503 sq. ft. or 53.0648 Ac.





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

January 10, 2005

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

SENT VIA FAX TO 301-473-7143

RE: The Estates at Sandhill, Lot 42
12073 Sand Hill Manor Drive
Marriottsville, MD 21104
BP# B00147260
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 01/25/2005.**

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