

LAYOUT 7/15/04 Am INSP 4 PIA 11/10/04 2PM 03334783
INSP 2 7/16/04 INSP 5 _____
INSP 3 7/19/04 INSP 6 _____

ISSUE DATE: 6/4/2004

P 520406

APPROVAL DATE: 11/12/04

A 511441-R

**PERMIT
INDEXED**

RPS#
334783

**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: 41

ADDRESS: 12069 Sandhill 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: 149 HOUSE SERVED BY PUBLIC WATER ☒

TRENCHES:	Trench to be 3.0 feet wide. Inlet <u>4.0</u> 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 box at the highest possible location in the approved SDA as shown on the approved building permit plan.
NOTES:	

PLANS APPROVED: Kevin J. Bell 5/28/04 DATE: 4/15/04

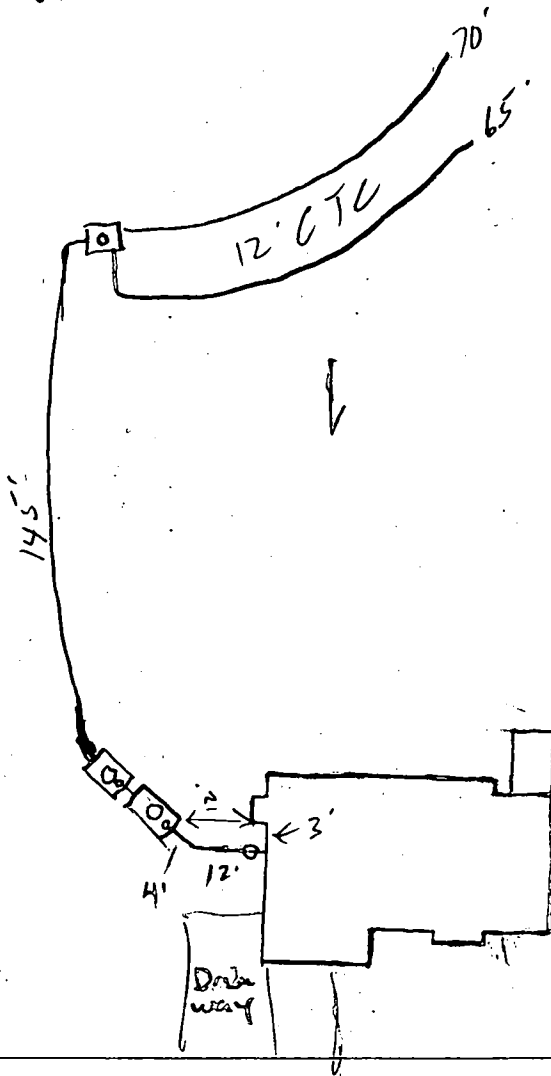
NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND 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**

A 511441-R

NOT TO SCALE

* public water *



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES	2	
TOTAL LENGTH	135'	
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		
DISTRIBUTION BOX BAFFLE		
DISTRIBUTION BOX PORT		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	✓
BAFFLE FILTER	
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	✓
BAFFLE FILTER	
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	✓

PRE-CONSTRUCTION 7/15/04 To place the distribution box near the the far upper left corner easement stake and install

INSTALLATION a 65' trench and an 85' trench on contour. (BB)

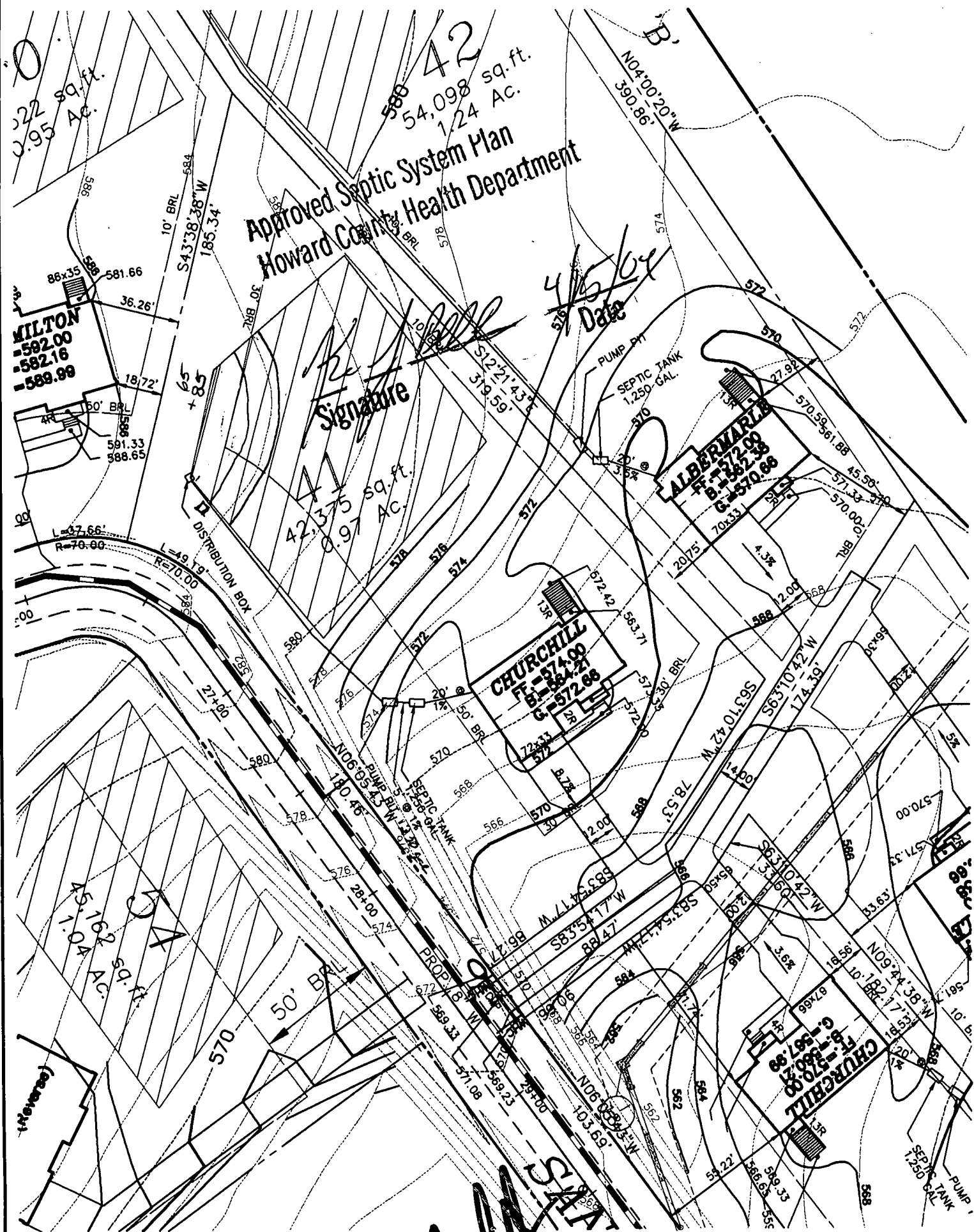
7/16/04 - Tank set OK to cover (SO)

7/19/04 - Contractor accidentally put 3' of stone in trench. This short trench length to 120' OK to cover all work. Pump & Alarm tests needed (SO) 11/10/04 Pump installation not completed. (BB) Pump & Alarm 11/12/04

Pump & Alarm O.K. (P.Y)

FINAL INSPECTOR Pete Gmirel DATE OF APPROVAL 11/12/04



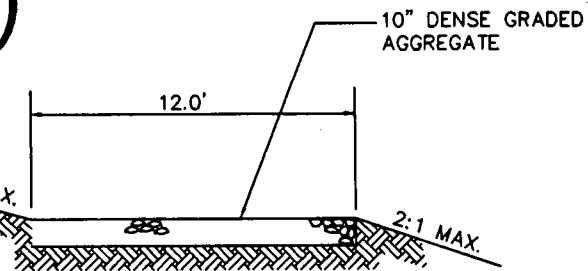
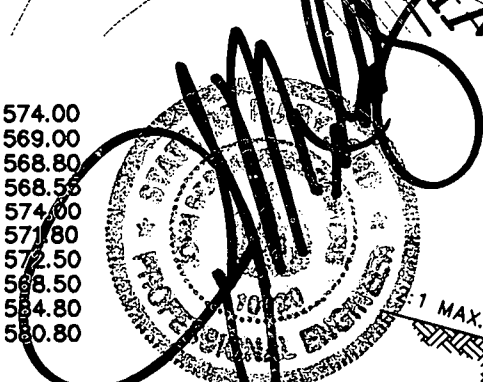


FIRST FLOOR EL. = 574.00
 INV.OUT OF HOUSE = 569.00
 INV.IN SEPTIC TANK = 568.80
 INV.OUT OF SEPTIC TANK = 568.55
 EXIST. EL. AT SEPTIC TANK = 574.00
 PROP. EL. AT SEPTIC TANK = 571.80
 PROP. EL. AT PUMP PIT = 572.50
 INV. IN PUMP PIT = 568.50
 EXIST EL. AT DIST. BOX = 564.80
 INV.IN DIST. BOX. = 560.80

G.P. # 02-049

PLAT # 14580-14585

NO GRAVITY SEWER TO BASEMENT



TYPICAL DRIVEWAY SECTION

THE ESTATES AT SAND HILL

PLOT PLAN LOT # 41
 12069 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 Ball. (301) 621-5521 Wash. (410) 997-0298 Fax

HOWARD COUNTY
PERMIT APPLICATION

PERMIT NUMBER
B0047261

Building Address 12004 SAND HILL MINOR DR
MONTICELLOVILLE MD 21104

Property Owner's Name

Address

Oak Hill Properties, L.L.C.
5305 Jefferson Pike

City Frederick, MD 21703-6917

Home Phone _____ Work Phone _____

Applicant's Name & Mailing Address, (if other than stated hereon):

Phone 301 662-0435 Fax 301 473-7173

Contractor Company

Contact Person

Oak Hill Properties, L.L.C.
5305 Jefferson Pike

City Frederick, MD 21703-6917

License No. MAR-0165

Phone _____ Fax _____

Engineer or Architect Company 1316 Glenboro

Contact Person John

Address 5072 DORSEY HALL DRIVE

City ELICOTT CITY State MD Zip Code 21043

Phone 410 997-0296 Fax 410 997-0298

Suite/Apt. # _____ SDP/WP/Petition # _____

Census Tract 6030 Subdivision ESTATES AT WINDHILL

Section _____ Area _____ Lot 41

Tax Map 16 Parcel 3 Grid 2

Zoning RAD60 Map Coordinates 1061 Lot size _____

Existing Use VACANT LOT

Proposed Use NEW HOME

Estimated Construction Cost \$ 25,000

Description of Work Construct a Churchill

2 story, pool, 3rd fl, 9R, 2FB

1 HA, FP & Garage (4 BR)

Occupant or Tenant

Contact Name Oak Hill Properties, L.L.C.

Address 5305 Jefferson Pike

City Frederick, MD 21703-6917

State _____ Zip Code _____

Phone 301 662-0435 Fax 301 473-7173

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics

Utilities

Height _____
No. of stories _____
Gross area, sq. ft. per floor _____
Use group _____
Construction type:
☐ Reinforced Concrete
☐ Structural Steel
☐ Masonry
☐ Wood Frame
☐ State Certified Modular

Water Supply:
☐ Public
☐ Private
Sewage Disposal:
☐ Public
☐ Private
Electric: Yes ☐ No ☐
Gas: Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐
Sprinkler system: ☐ N/A ☐
☐ Full
☐ Partial
☐ Other Suppression
of Heads _____

Building Characteristics

Utilities

SF Dwelling ☐ SF Townhouse ☐
Depth _____ Width _____
1st floor 31'3" 51'3"
2nd floor 31'3" 51'3"
Basement 36'6" 36'6"
Finished Basement ☐ Unfinished Basement ☒
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms 4
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
Manufactured Home

Water Supply:
☒ Public
☐ Private
Sewage Disposal:
☐ Public
☒ Private
Electric: Yes ☐ No ☐
Gas: Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☒
Propane Gas ☐
Sprinkler system: ☐ N/A ☒
☐ NFPA #13D
☐ NFPA #13R
☐ Other

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

DPZ/SETBACK INFORMATION

PROPERTY ID# 61572

Land Development, DPZ

Filing fee \$ 100

State Highways

Permit fee \$ _____

Building Official

Excise tax \$ _____

Dev/Engineering, DPZ

Add'l per fee \$ _____

Health 7/15/00 K. J. Rea

TOTAL FEES \$ _____

Fire Protection

Sub-total paid \$ _____

Is Sediment Control approval required prior to issuance?

Balance due \$ _____

YES ☒ NO ☐

Check # 5401

CONTINGENCY CONSTRUCTION START ☐

Validation # 44788

ONE-STOP SHOP ☐

Historic District? YES ☐ NO ☐

Lot Coverage for New Town Zone _____

SDP/Red-line approval date _____

Accepted by [Signature]

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

T forms/PERMIT FRM

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; Clyde 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

SQ. FT./BEDROOM

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

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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' 51c
heavy clay
grey
mottles
perched
H₂O table

4.0
lgt
beigh
Salm

water
@ 10.0'

51f

orange
red
SiClm

3.0
orange
brown
w/ing
deposits
Salm
micaceous

10.0
dull
lgt
beigh
Salm

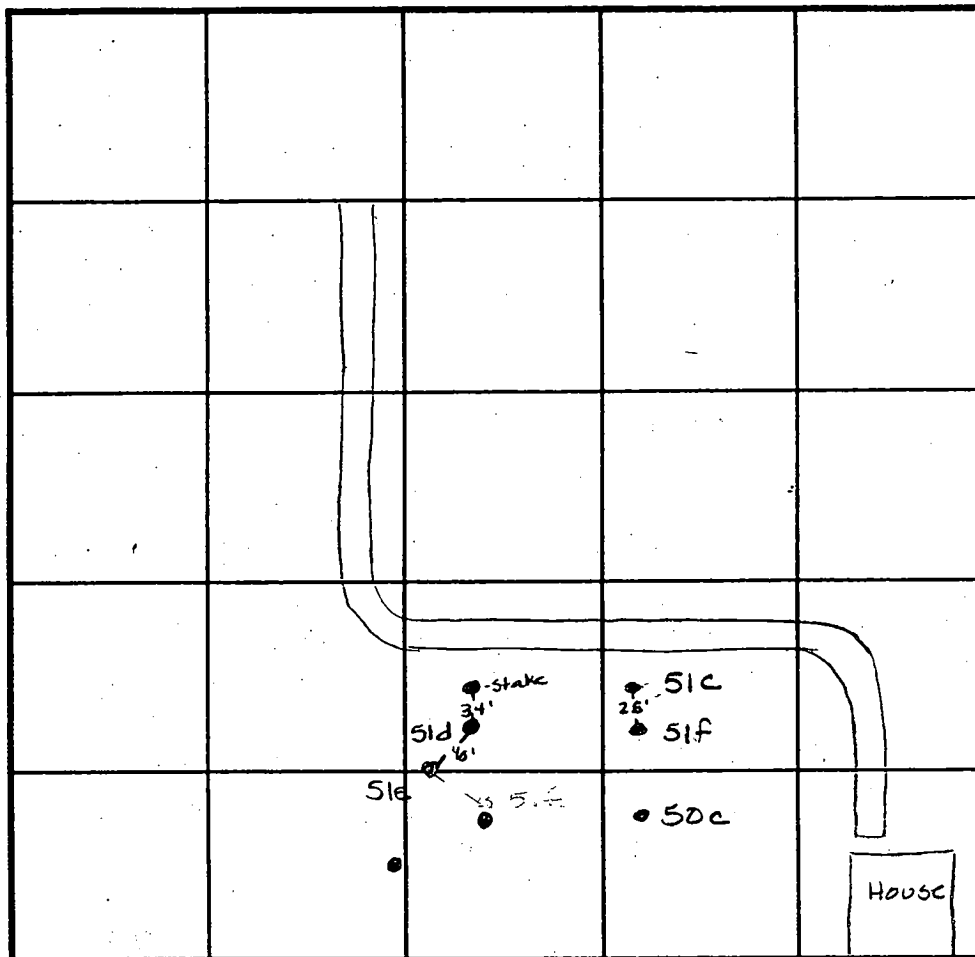
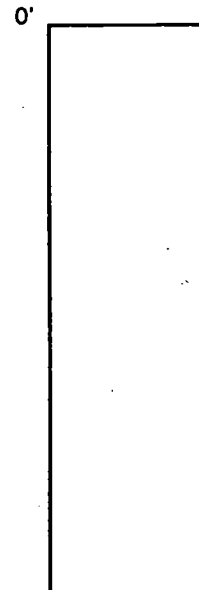
50c/51b

3.0
orange
red
SiClm

lgt or
SiLm

7.5'
decayed
feldspar
30%
white
salm
large
grains

SOIL PROFILE



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	51c	Insufficient depth to H ₂ O - see profile					F
	51f	See profile - OK shallow					OK
	50c/51b	4.5 11.0	1:04	106	111	120	9 min
		7.5 11.0	1:05	106	106	110	4 min
	51d	Water @ 8.5 grey mottles @ 6.0 -					
		Insufficient depth to H ₂ O					F
	51e	Water @ 10.0 - insufficient depth to H ₂ O					F
	52						

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen / Steve

ALSO PRESENT Olen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

COUNTY #

SOIL PROFILE
43D-48A

topsoil

orange
yellow
SiLm1gt
tan
orange
Salm
micaceous
30-40%
shale
@ 8.0'

48D

like
43D-43A
visual
to
11.0

43C-43B

like
43C
visual
to
11.5

48C

dark
red
brn
SiLm1gt or
tan
Salm
15%
Ry

LANDFILL

SOIL PROFILE
42C-43Borange
brown
SiLm1gt tan
Salm
micaceous
some
orange
SiLm
pockets
10%
Rock

42D-43A

dark red
or SiLmdark or
Salm
20%
shale
micaceous

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	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	10:33	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 McMillan

ALSO PRESENT Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE
49Aheavy
or brn
siltmpink to
red
siltmlgt tan
sand
some
quartzite
& more
banding
mg 4Fe

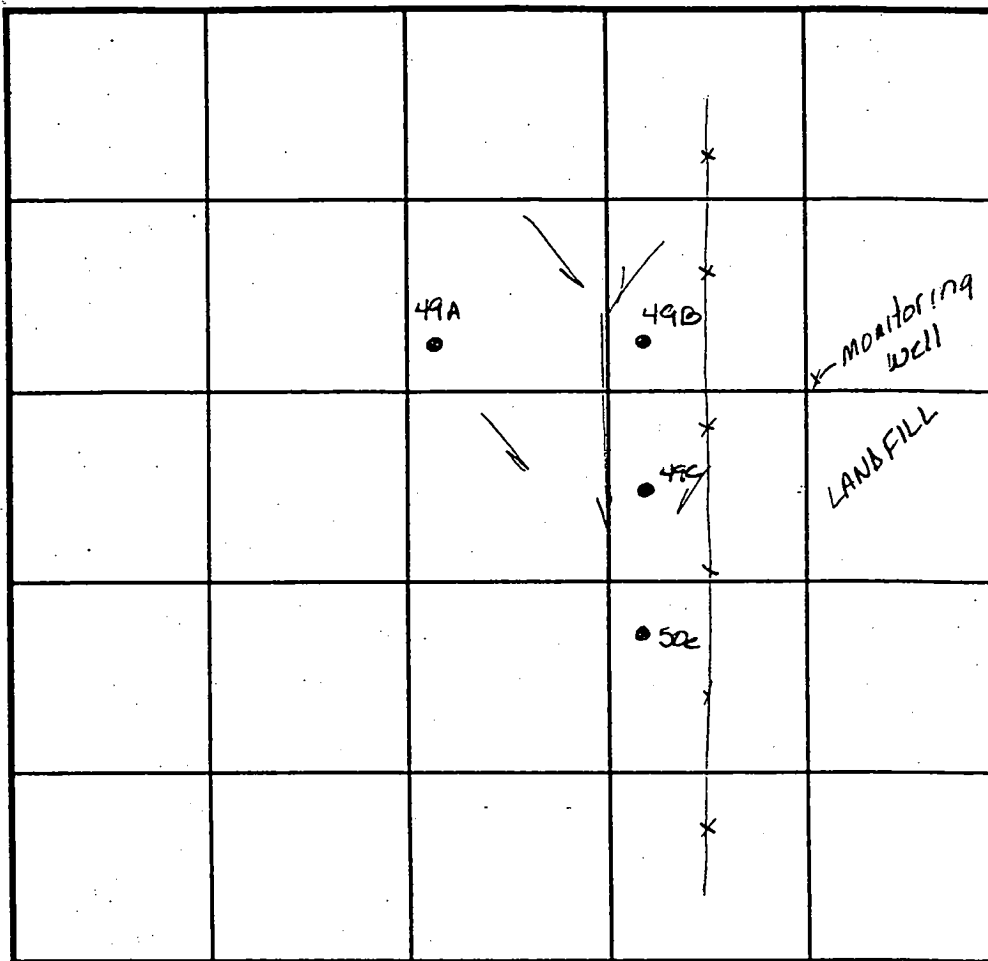
49B

red
brown
siltmpink to
red
salm

49C

dark
red brn
siltmorange
tan
siltmdull
grey brn
salm
possible
H₂O

dry

SOIL PROFILE
50edark
red
siltmorange
brown
siltmdark
black
brn
siltm
possible
H₂O

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	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

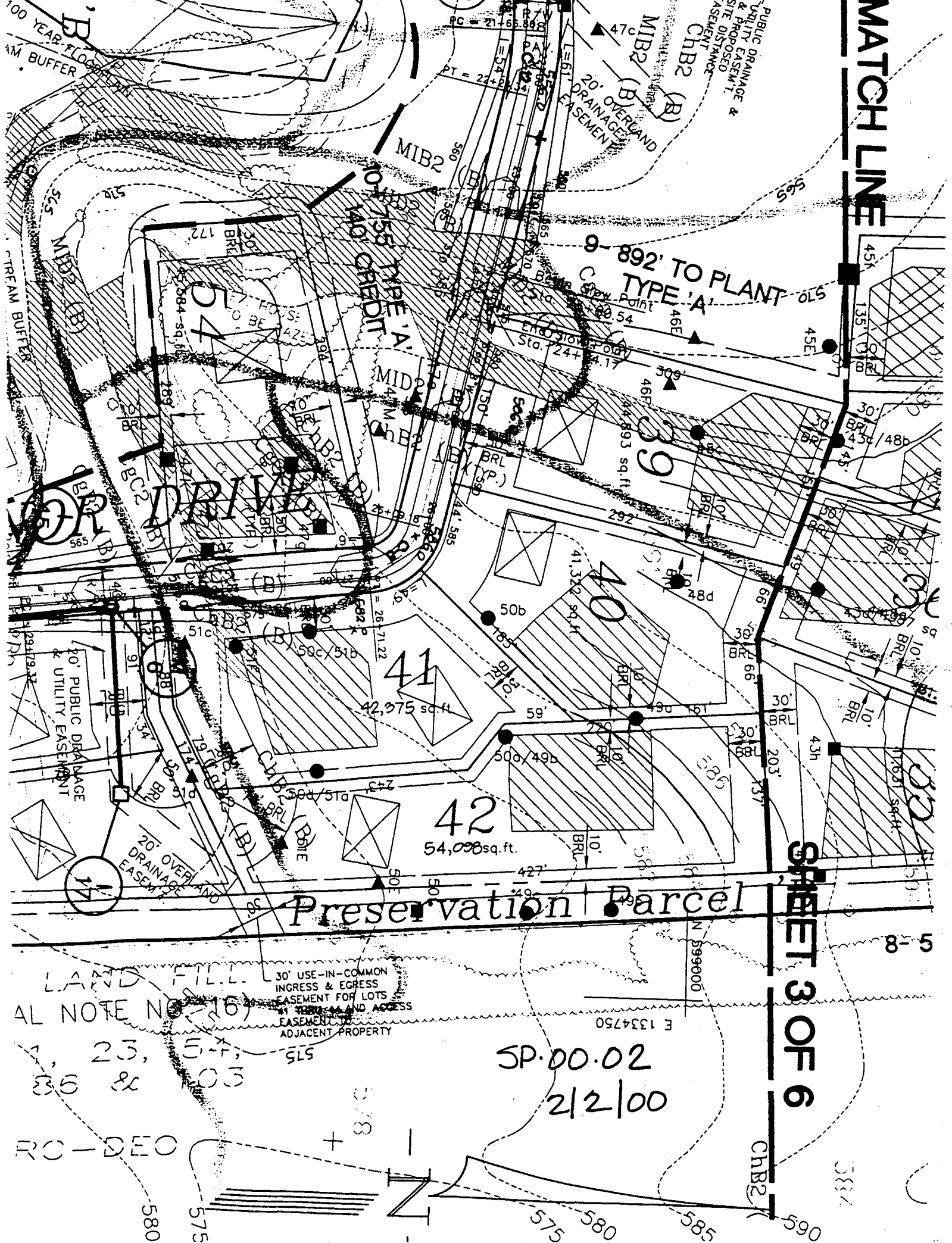
TESTED BY Amy McMillan / Steve ALSO PRESENT Olen Ketherman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

MATCH LINE

SHEET 3 OF 6



SP.00.02
2/2/00

LAND FILL
AL NOTE NO. 16

30' USE-IN-COMMON
INGRESS & EGRESS
EASEMENT FOR LOTS
#1 THROUGH #4 AND ACCESS
EASEMENT TO
ADJACENT PROPERTY

RC-DEO

ALPHA RIDGE LAND FILL

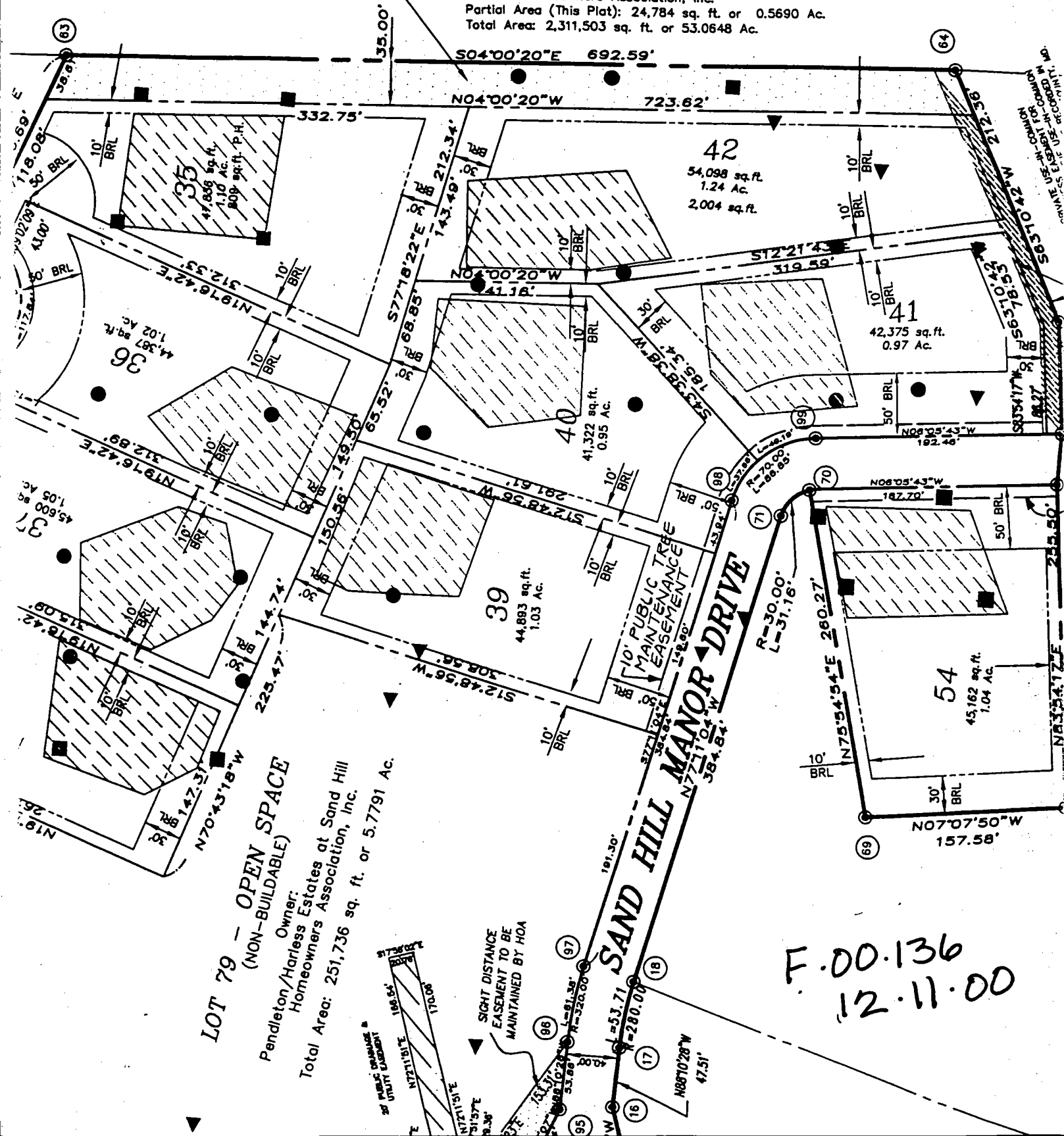
PARCELS 11, 23, 54,
220, 253, 86 & 103
ZONED: RC-DEO

PRESERVATION PARCEL 'B' (NON-BUILDABLE)

Owner: Oak Hill Properties LLC

Easement Holders: Howard County, MD. &
Pendleton/Harless Estates at Sand Hill
Homeowners Association, Inc.

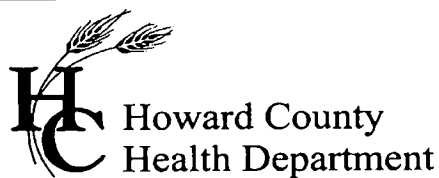
Partial Area (This Plat): 24,784 sq. ft. or 0.5690 Ac.
Total Area: 2,311,503 sq. ft. or 53.0648 Ac.



LOT 79 - OPEN SPACE
(NON-BUILDABLE)

Owner:
Pendleton/Harless Estates at Sand Hill
Homeowners Association, Inc.
Total Area: 251,736 sq. ft. or 5.7791 Ac.

F.00.136
12.11.00



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 41
12069 Sand Hill Manor Drive
Marriottsville, MD 21104
BP# B00147261
PUBLIC WATER

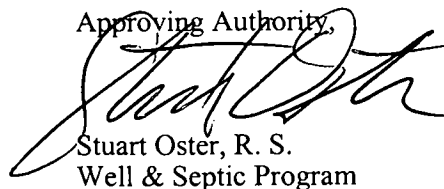
Dear Sir/Madam:

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