

LAYOUT 5/6/03 12 PM INSP 4 3pm 7/30/03
 INSP 2 5/7/03 3 PM INSP 5
 INSP 3 7/28/03 1pm ^{Pump test} INSP 6

ISSUE DATE: 5-5-03
 APPROVAL DATE: 7/30/03

P 518953
 A 511435-T

**PERMIT
INDEXED**

RPS#
334554

**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 at Sandhill LOT NUMBER: 19

ADDRESS: 2129 Grant Farm Court PROPERTY OWNER: Oak Hill Properties, LLC

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 SYSTEM

SQUARE FEET PER BEDROOM: 240

LINEAR FEET OF TRENCH REQUIRED: 320

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box as shown on plan.
NOTES:	Install 5 trenches as shown on plan with 9 foot separation EDGE TO EDGE Gravity Basement service NOT PROPOSED (KN)

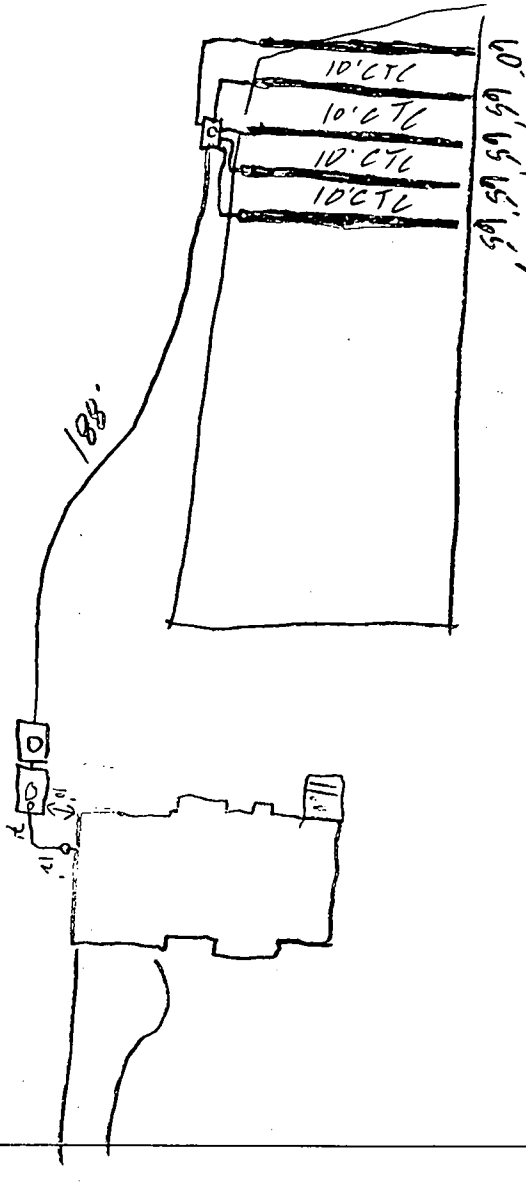
PLANS APPROVED: John Boris ^{OK (KN)} DATE: 2/13/2003

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

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

A511435-T

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM'
3'	3.5	5.5
NUMBER OF TRENCHES		5
TOTAL LENGTH		320 ft
ABSORPTION AREA		960 ft ²
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		4" CO

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2-2.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2-2.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>

PRE-CONSTRUCTION 5/6/03 SRA staked. Contour accurate. Start trench one up from B.P., 10' CTC. Tanks set (SO)

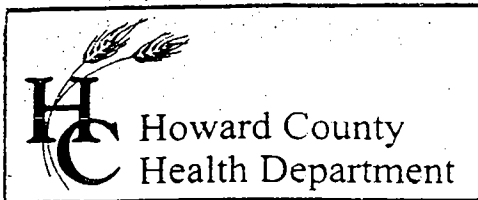
INSTALLATION 5/7/03 5 trenches installed, OK to cover (SO)

5/7/03 OK to cover all work. Pump & Alarm tests needed (SO)

7/25/03 Not Ready (SO) 7/28/03 Not ready (SO)

7/30/03 Pump & Alarm tests OK (SO)

FINAL INSPECTOR Justin DeW DATE OF APPROVAL 7/30/03



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 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

August 14, 2003

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 # 19
2129 Grant Farm Court
BP# B00140226
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 7/30/2003.**

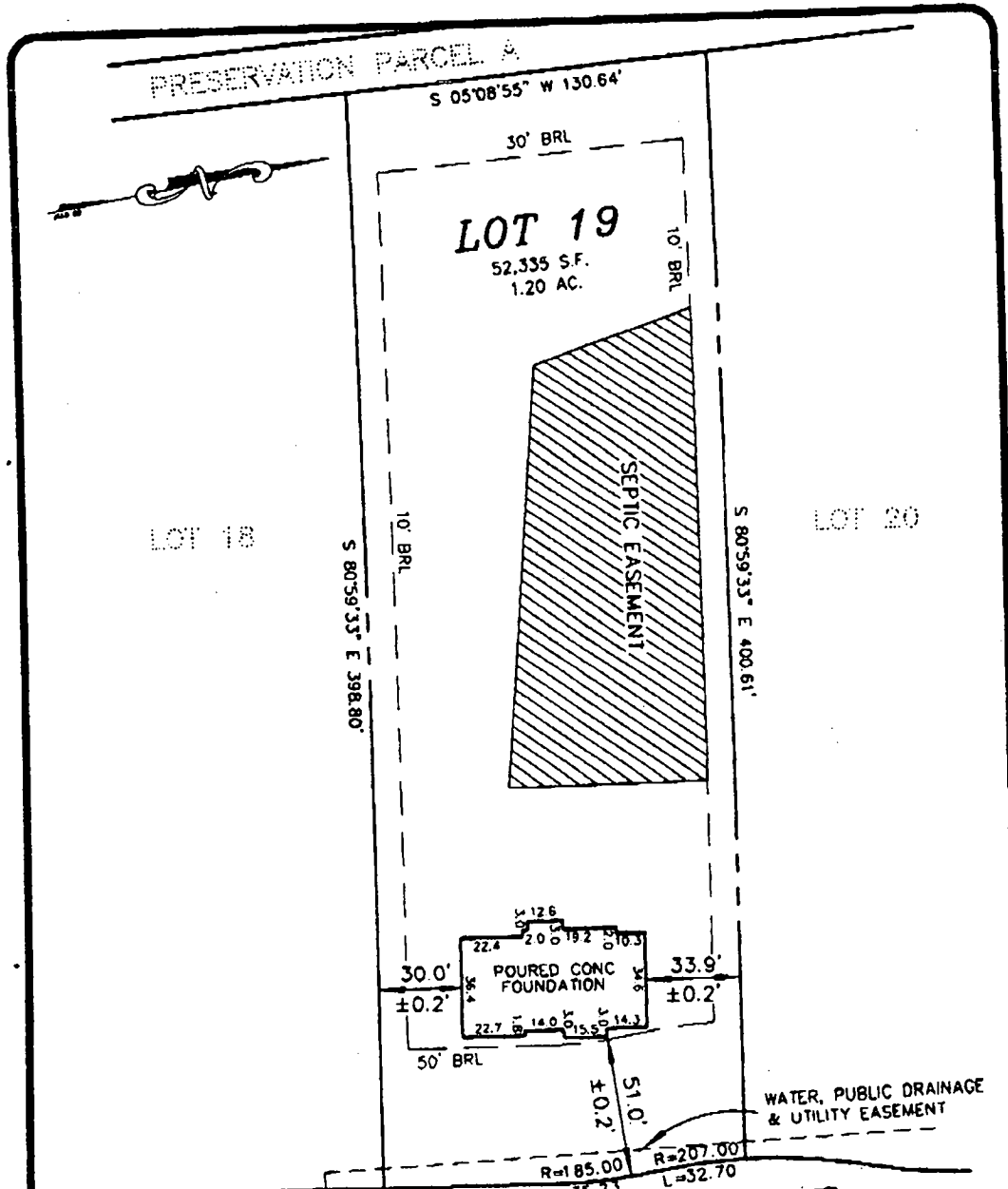
The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority,

Steven R. Krieg
Registered Environmental Sanitarian
Well & Septic Program

cc: Building Inspector's Office
File



4/30/03
Wall Check
OK
KN

GRANT FARM COURT
(40' ROW)

LOT 19
THE ESTATES AT SAND HILL
PLAT NO. 14583
ELECTION DISTRICT NO. 3
HOWARD COUNTY, MARYLAND

TOP OF WALL ELEV. = 574.5
FF ELEV. =
ADDRESS: GRANT FARM 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.

MILDENBERG BOENDER, & ASSOC., INC.

Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0298 Bull (301) 821-6621 Wash. (410) 997-0298 Fax



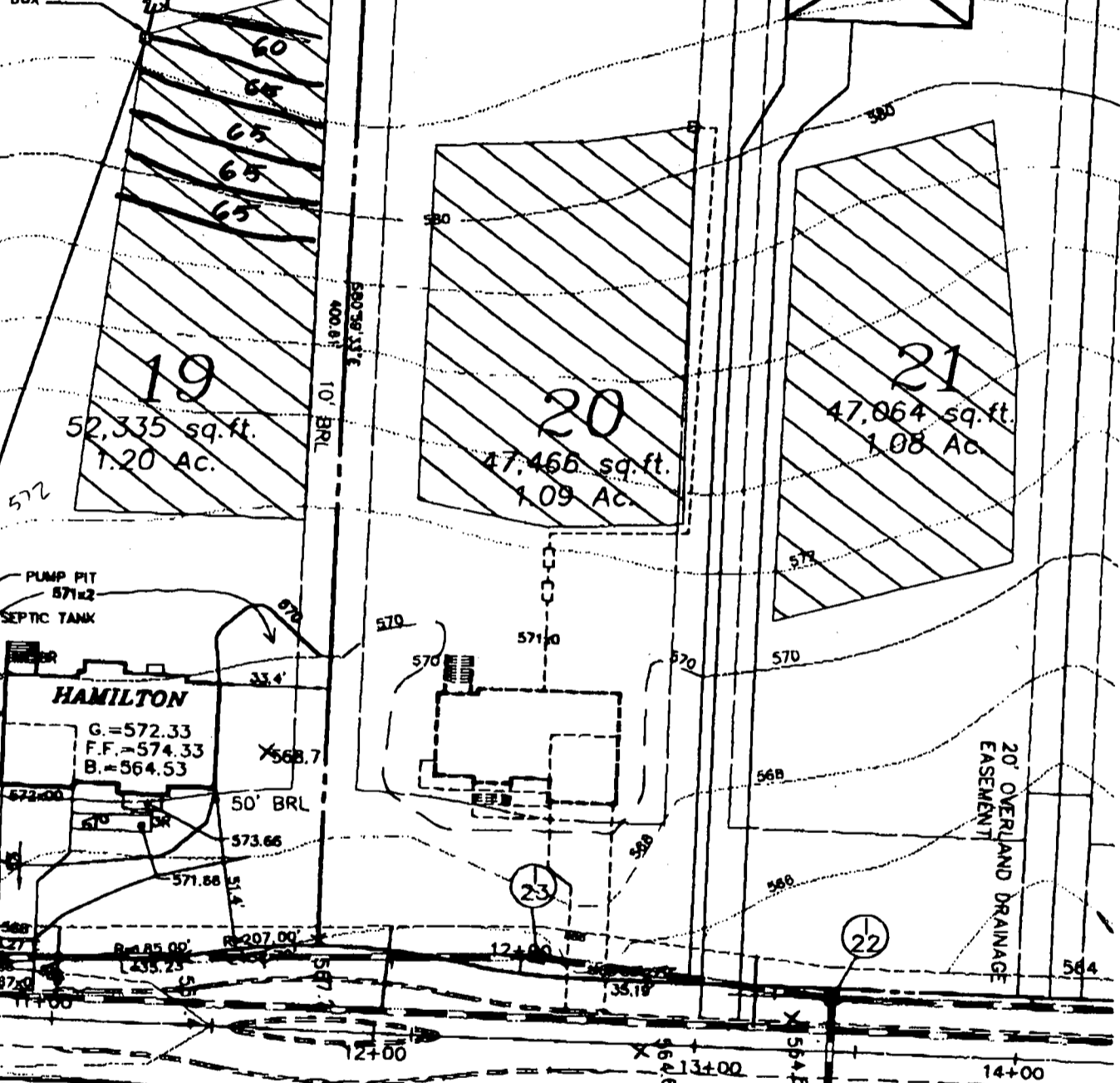
FOUNDATION	DATE: 04/22/03	FINAL	DATE:
DRAWN BY: M.E.S.	SCALE: 1" = 50'		
PROJECT NO.: 2000-064	LOCATION DRAWING		

JOHN A. BOENDER
PROF. LAND SURVEYOR
MARYLAND No. 10718

HOA PRESERVATION PARCEL A 3.8088 AC
Approved Septic System Plan 9+00 NON-BUILDABLE

Howard County Health Department

Signature _____ Date 2/13/03



Total linear feet of trench required 320 feet

Width of trench(es) 3 feet
Depth of trench(es) 55 feet

Depth of stone required below distribution pipe 2 feet
NO COLLECTOR PIPE REQUIRED FOR DRIVEWAY

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

- FIRST FLOOR EL. = 574.33
- INV. OUT OF HOUSE = 587.50
- INV. IN SEPTIC TANK = 587.10
- INV. OUT OF SEPTIC TANK = 588.85
- EXIST. EL AT SEPTIC TANK = 570.50
- PROP. EL AT SEPTIC TANK = 570.50
- EXIST. EL AT PUMP PIT = 571.00
- INV. IN PUMP PIT = 566.65
- EXIST EL AT DIST. BOX = 582.50
- INV. IN DIST. BOX = 580.00

NOTE: NO GRAVITY SEWER TO BASEMENT

THE ESTATES AT SAND HILL		
PLOT PLAN LOT # 19		
2129 GRANT FARM COURT		
ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: SJD	SCALE: 1"=50'	DATE: JANUARY 2003

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0296 Desk (301) 621-6531 Fax (410) 997-0298 Fax

Building Address 2109 BRANT FROM COURT
MAURKOTTSVILLE, MD 21043

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

Genus Tract 6030 Subdivision ESTATES AT SPOND HILL

Section _____ Area _____ Lot 19

Tax Map 16 Parcel 3 Grid 12

Zoning RSO Map Coordinates 1062 Lot size _____

Property Owner's Name _____

Address _____

City Oak Hill Properties, L.L.C. Code _____

Home Phone 107 Loudoun Street, S.E.

Applicant's Name Leesburg, VA 20175-3106 (Man stated hereon):

Phone 703 443 0100 Fax 703 443 0104

Existing Use VACANT LOT

Proposed Use NEW HOME

Estimated Construction Cost \$ 100,000

Description of Work CONSTRUCT A "HAMPTON"
2 STORY FULL FIN. BR 3 FB INB, FP
LAKE (4BR)

Contractor Company _____

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

Address 107 Loudoun Street, S.E.

City Leesburg, VA 20175-3106

State _____ Zip Code _____

License No. NR 0165 Fax _____

Phone _____

Occupant or Tenant

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

Address 107 Loudoun Street, S.E.

City _____ State _____ Zip Code _____

Phone _____ Fax _____

Engineer or Architect Company PHILIP PERL

Contact Person JOHN

Address 5072 DORSEY HALL DRIVE

City ELLICOTT CITY State MD Zip Code 21042

Phone 410 997 0296 Fax 410 997 0296

BUILDING DESCRIPTION - COMMERCIAL		BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public _____ Private _____	SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: _____ <input checked="" type="checkbox"/> Public _____ Private _____
No. of stories: _____	Sewage Disposal: _____ Public _____ Private _____	1st floor: <u>43'</u> <u>67'</u> 2nd floor: <u>43'</u> <u>66'</u> Basement: <u>113'</u> <u>66'</u>	Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>	Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/>	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>	Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Heating System: _____ Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ Wood Frame _____	Sprinkler system: N/A <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____	No. of Bedrooms <u>4</u>	Multi-family dwellings: _____ No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____
State Certified Modular _____		Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____	Sprinkler system: N/A <input checked="" type="checkbox"/> NFFPA #13D _____ NFFPA #13R _____ Other: _____
		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

Applicant's Signature [Signature] Print Name KEVIN ROBERTS

Title/Company _____ Date 7-6-03

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#
Land Development, DPZ			Front: _____	57403
Public Works			Rear: _____	Filing fee \$ <u>100</u>
Building Official			Side: _____	Permit fee \$ _____
Dev. Engineering, DPZ			Side St. _____	Excise tax \$ _____
Health	<u>2/13/03</u>	<u>[Signature]</u>	All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	Add'l per. fee \$ _____
Fire Protection			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
CONTINGENCY CONSTRUCTION START <input type="checkbox"/>			Lot Coverage for New Town Zone _____	Balance due \$ <u>6255</u>
ONE STOP SHOP: <input type="checkbox"/>			SDP/Red line approval date: _____	Check # <u>17956</u>
				Validation _____

Accepted by [Signature]

Distribution of Copies - White: Building Official Green: LDD, DPZ Yellow: DED, 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:

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

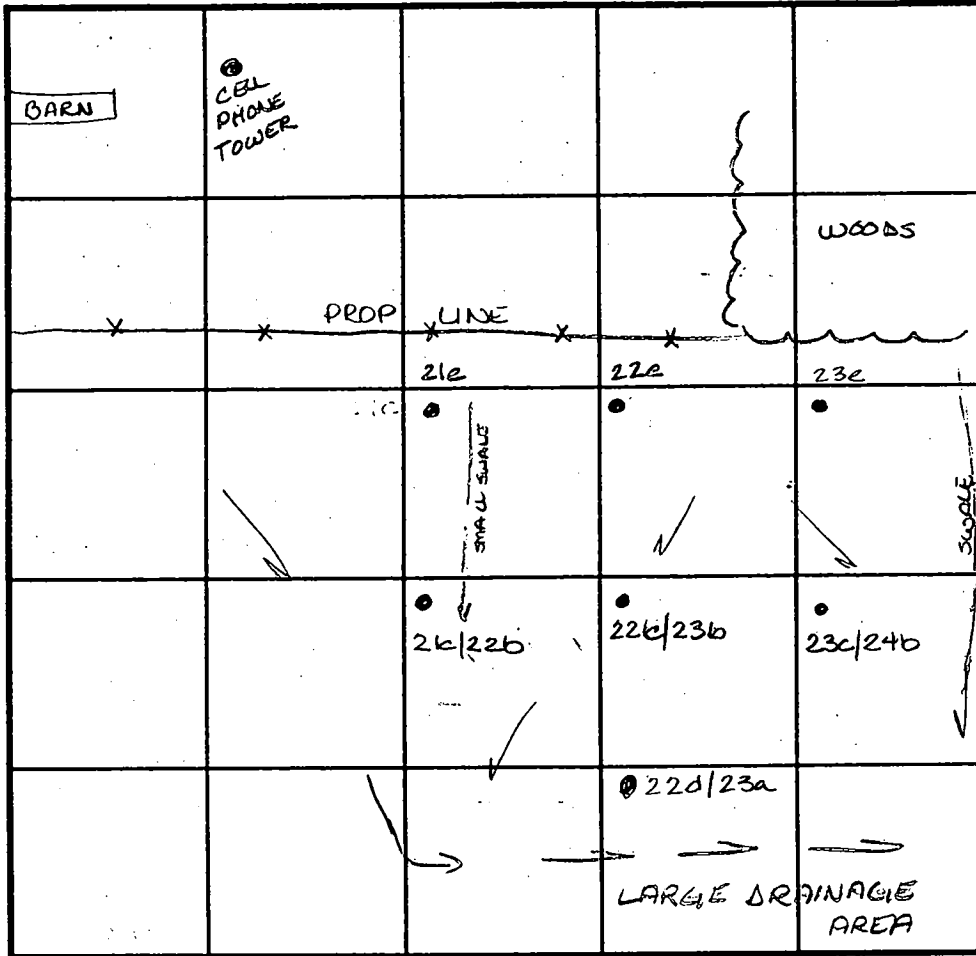
COUNTY #

SOIL PROFILE
21e

0' bright red Siltm
5.0' bright red to pink Salm micaceous 15% Rx

21c/22b heavy red Siltm
6.0' yellow tan Salm micaceous 20% shale
12.0'

22c/23b like 21e
23c/24b like 21e



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
23e 22e

0' dark red brown micaceous Siltm
5.0' red & yellow streaked Siltm micaceous 20% Rx

22d/23a
1.0' topsoil
5.0' yellow Siltm
12.0' mottled br & yellow Siltm

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-8-99	21e	Visual	to 12.0	see	profile	—	OK	
	21c/22b	6.0 / V12.0	12:17	12:22	12:22	12:38	16min	
	22c/23b	5.0 / V12.0	12:35	12:44	12:44	1:03	19min	
	23c/24b	4.5' / V12.0	12:40	12:50	12:50	1:10	20min	
	22e	5.0 / V12.0	1:45	1:55	1:55	2:15	20min	
		8.5' / V12.0	1:44	1:45	1:45	1:46	1min	
	23e	Visual	to 12.0	- see	profile	—	OK	
	22d/23a	Insufficient depth to potential H ₂ O					—	F
	35e/36e							

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 _____

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:

DIVISION 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
22D-23A

0'
dark
red
brown
silm

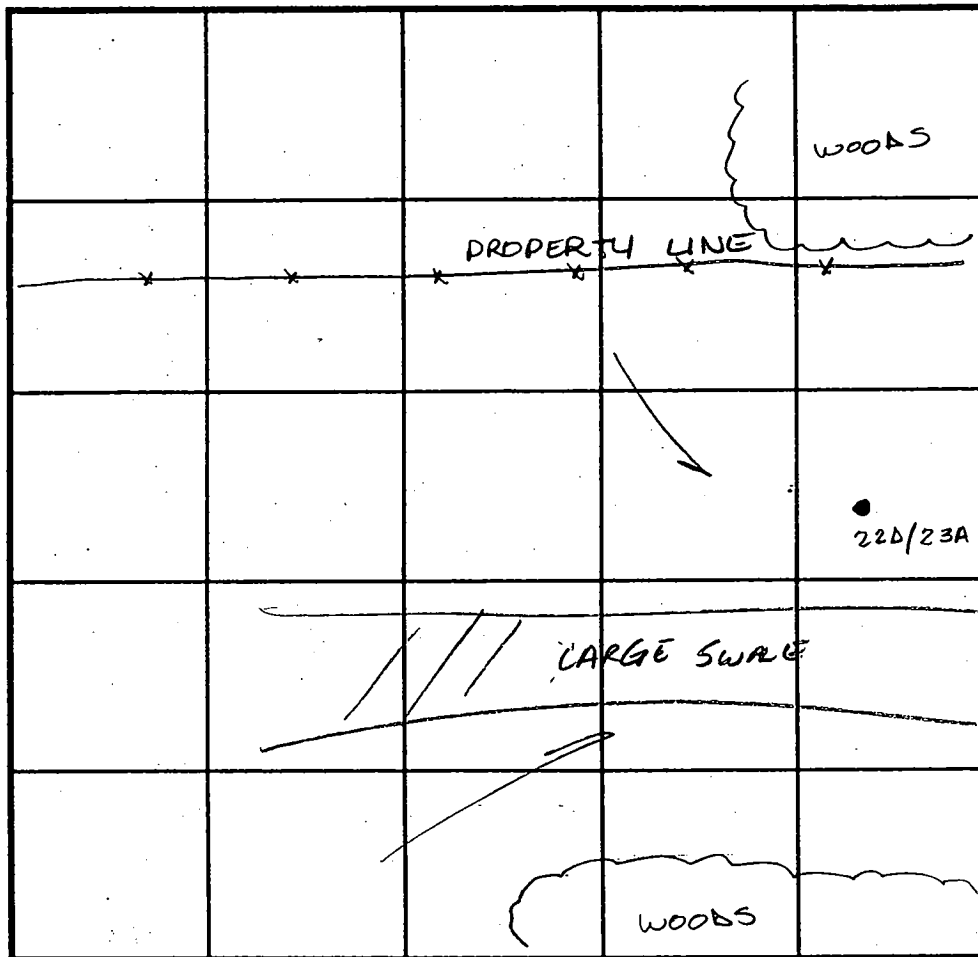
5.0
or brn
silm

↓
85-
9.0
damp
orange
& white
mottled
silm

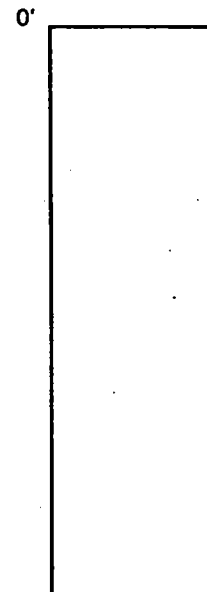
5.0

85-
9.0

130



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-8-99	22D-23A	Insufficient depth to potential					
		high H ₂ O - see profile			—		F

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Ketherman

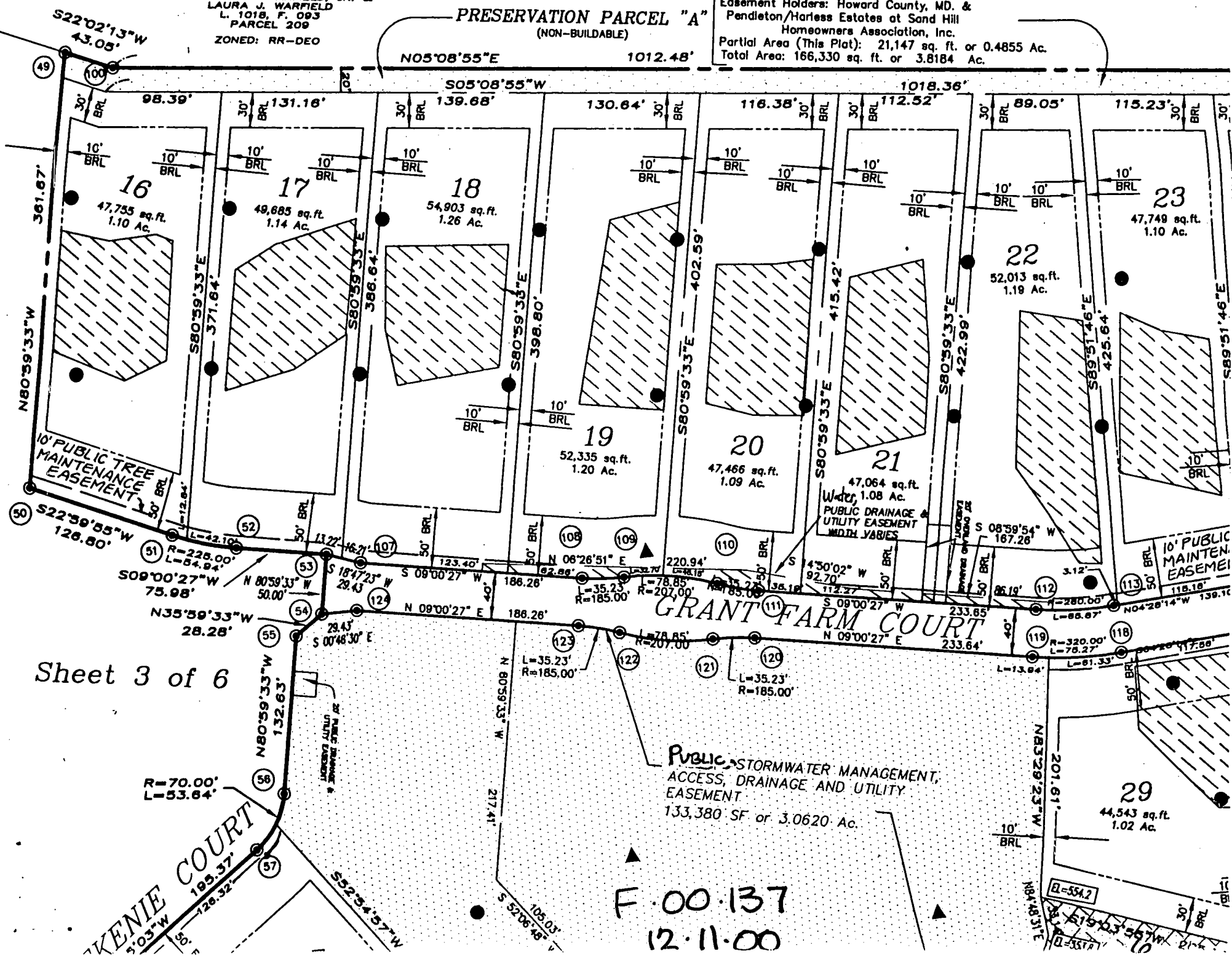
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

JOHN GORDON WARFIELD, JR. ▲
 LAURA J. WARFIELD
 L. 1018, F. 093
 PARCEL 209
 ZONED: RR-DEO

PRESERVATION PARCEL "A"
 (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): 21,147 sq. ft. or 0.4855 Ac.
 Total Area: 166,330 sq. ft. or 3.8184 Ac.



Sheet 3 of 6

ST.
5.59'
39'
36'
34'
81'
71'
39'
39'
10'
18'
37'
18'
37'
18'

F.00.137
 12.11.00