

LAYOUT 19-03 ^{over} 4M INSP 4 1-2-02 12pm
 INSP 2 4-5-03 4M INSP 5 1-26-03 Evening
 INSP 3 4/27/03 12:00 INSP 6 5/20/03 12

ISSUE DATE: 12/26/2002

APPROVAL DATE: 5/20/03

PERMIT

P 518042

A 511435-V

334562

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 Rd, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: The Estates @ Sandhill LOT NUMBER: 20

ADDRESS: 2133 Grant Farm Court PROPERTY OWNER: Oak Hill Properties, LLC

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

PUMP CHAMBER CAPACITY (GALLONS): ~~NA~~ 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 240

LINEAR FEET OF TRENCH REQUIRED: 320 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved site plan. Run trenches on contour.
NOTES:	

PLANS APPROVED: Steven R. Krieg OK/MP DATE: 9/16/2002

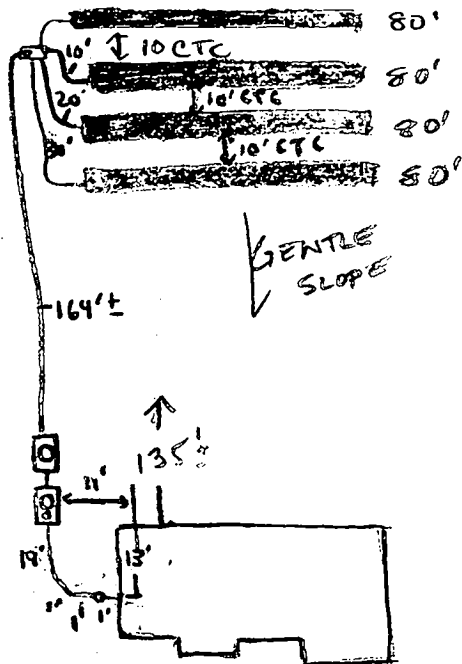
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS 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 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A511435-V

Public H₂O

NOT TO SCALE



GRANT FARM CT ← ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4 1/2	6 1/2
NUMBER OF TRENCHES		4
TOTAL LENGTH		320'
ABSORPTION AREA		960 ft ²
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		4" co

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'±
BAFFLES	✓
BAFFLE FILTER	NA
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	NA
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'±
BAFFLES	Inlet yes
BAFFLE FILTER	NA
MANHOLE LOC	Center
6" PORT LOC	NA
WATERTIGHT TEST	NA

PRE-CONSTRUCTION 1/9/03 No show (SG) 1-21-03 Top OK, Stalled, begin (SG)

INSTALLATION 1-21-03 4-80' trenches 10' CTC. OK TO COVER TRENCHES, 135'± to first trench. Pump system. Not gravity AS

Stated on front of permit. (KN) 1/22/03 - OK TO COVER ALL WORK

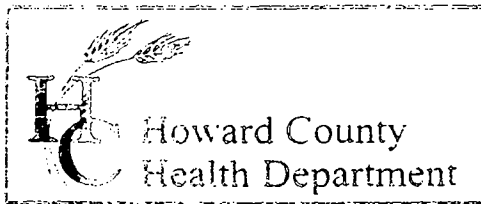
FINAL PENDING PUMP & PERFORMANCE TEST - (SRK) 5/20/03 No electric (SG)

5/30/03 Pump & Allow tests OK (SG)

FINAL INSPECTOR

DATE OF APPROVAL

5/30/03



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

Oak Hill Properties, LLC
107 Loudoun Street, SE
Leesburg, VA. 20175-3106

June 25, 2003

SENT VIA FACSIMILE 410-489-7079

RE: The Estates @ Sand Hill, Lot # 20
2133 Grant Farm Court
BP# B00138430
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 5/30/2003.**

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,

Stuart F. Oster
Registered Environmental Sanitarian
Well & Septic Program

cc: Building Inspector's Office
File

ADDRESS No: #2133 Grant Farm Court

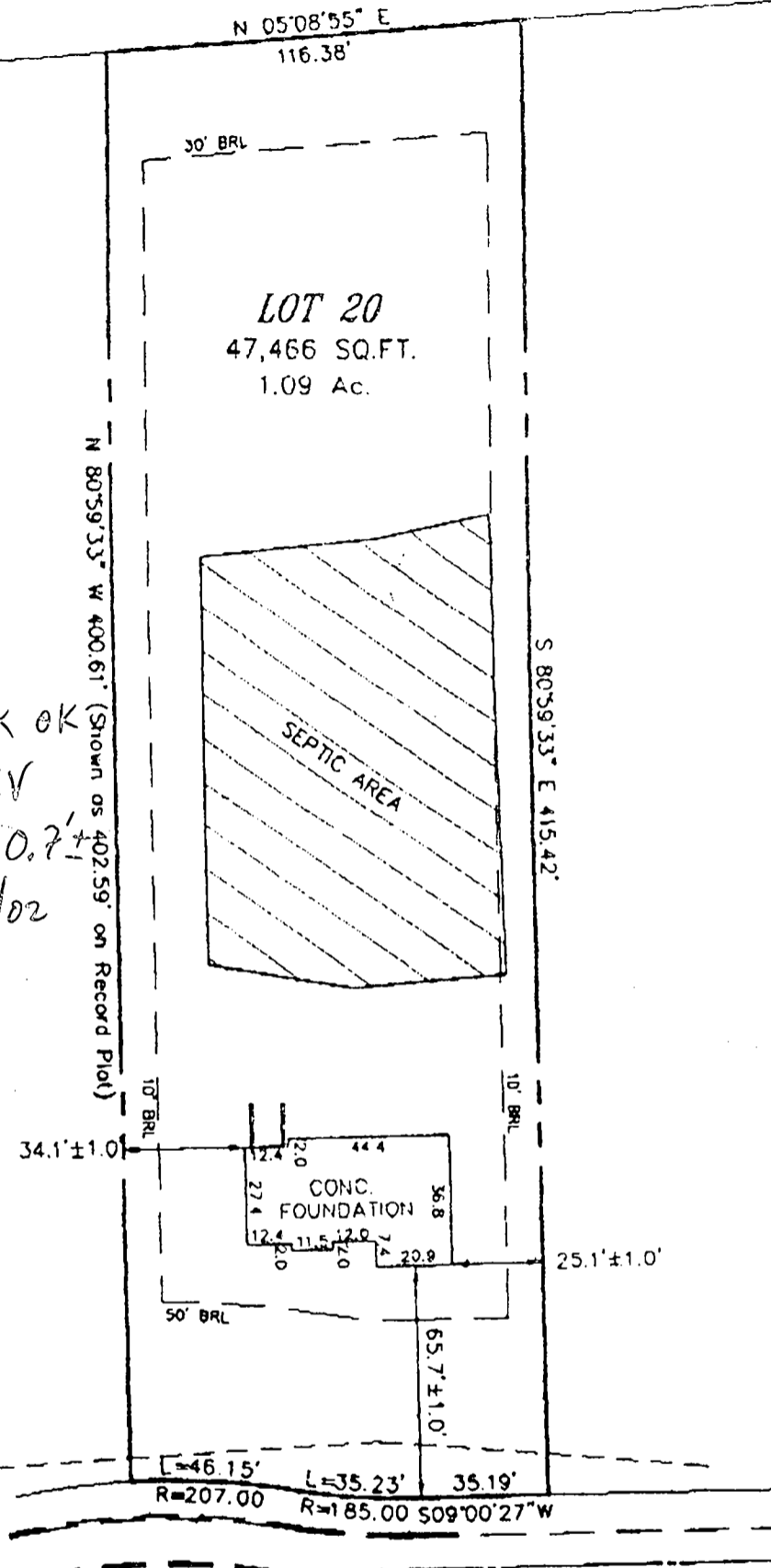
TOP OF WALL ELEV. = 572.7'±
FIRST FLOOR ELEV. =

LEGEND

- O/H = OVERHANG
- A/C = AIR COND./HEAT PUMP
- G/M = GAS METER
- E/M = ELECTRIC METER
- CH = CHIMNEY
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE

Project #	7671	Date	12/6	# of pages	1
Client	LARK	From	Todd		
Company	OAK HILL	Co.	MBA		
Phone #		Phone #	410-997-0296		
Fax #	410 489-7079	Fax #			

WALL
CHECK OK
FR ELEV
RAISED 0.7'±
MR 12/10/02



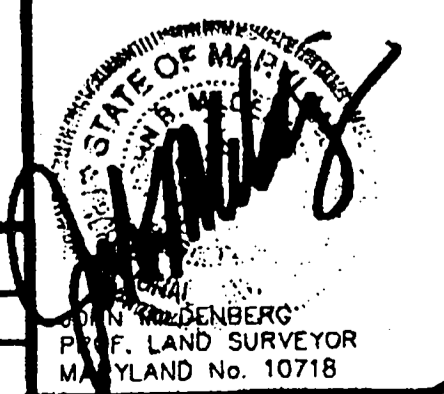
LOT 20
THE ESTATES AT SAND HILL
LOTS 1 THROUGH 80
NON-BUILDABLE PARCELS
A & B

PLAT NO. 14580-14585
ELECTION DISTRICT No. 3
HOWARD COUNTY, MARYLAND

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. FLOOD INSURANCE RATE MAP (FIRM) FLOOD ZONE "C" AREA OF MINIMUM FLOODING PER COMMUNITY PANEL NUMBER 240044-00 -8 DECEMBER, 4 1986

MILDENBERG BOENDER, & ASSOC., INC.

Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 208, Elkton City, Maryland 21042
(410) 997-0296 Ball. (301) 821-5621 Wash. (410) 997-0298 Fax.



FOUNDATION	DATE: 12/06/02	FINAL	DATE:
DRAWN BY: T. HILL	SCALE: 1" = 50'		
PROJECT NO.: 00-074	LOCATION DRAWING		

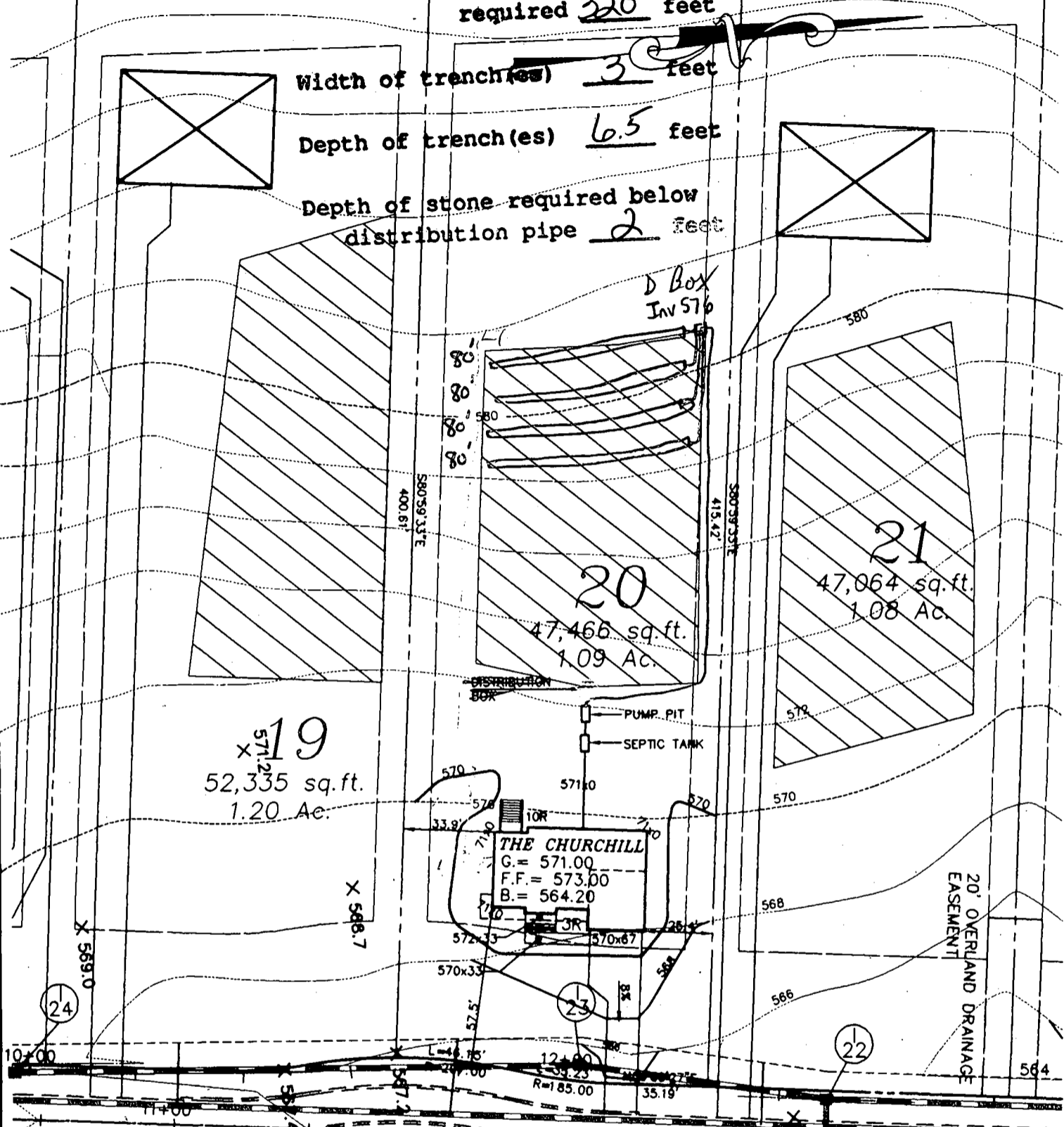
HOA PRESERVATION PARCEL 3.8088 Ac
 74+20 74+80 54+40 505'08" 116.38 9+60 NON-BUILD AREA

Total linear feet of trench required 320 feet

Width of trench(es) 3 feet

Depth of trench(es) 6.5 feet

Depth of stone required below distribution pipe 2 feet



Approved Septic System Plan
 Howard County Health Department

- FIRST FLOOR EL. = 573.00
- INV.OUT OF HOUSE = 568.75
- INV.IN SEPTIC TANK = 568.15
- INV.OUT OF SEPTIC TANK = 567.90
- EXIST. EL. AT SEPTIC TANK = 571.50
- PROP. EL. AT SEPTIC TANK = 571.50
- EXIST EL. AT PUMP PIT = 571.80
- INV.IN PUMP PIT = 567.8
- EXIST EL. AT DIST. BOX = 572.50
- INV.IN DIST. BOX. = 566.50

G.P. # 02-07 576
 PLAT # 14580-14585

Steve R. Kueg
 Signature Date

NOTE: NO GRAVITY SEWER TO BASE



THE ESTATES AT SAND HILL

PLOT PLAN LOT # 20
 2033 GRANT FARM COURT

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

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: M.M.P.	SCALE: 1"=50'	DATE: SEPTEMBER 9, 2002

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

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.

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
21e

bright red
red
Sicilm
bright red
to
pink
Salm
micaceous
15%
Rx

21c/22b

heavy
red
Sicilm

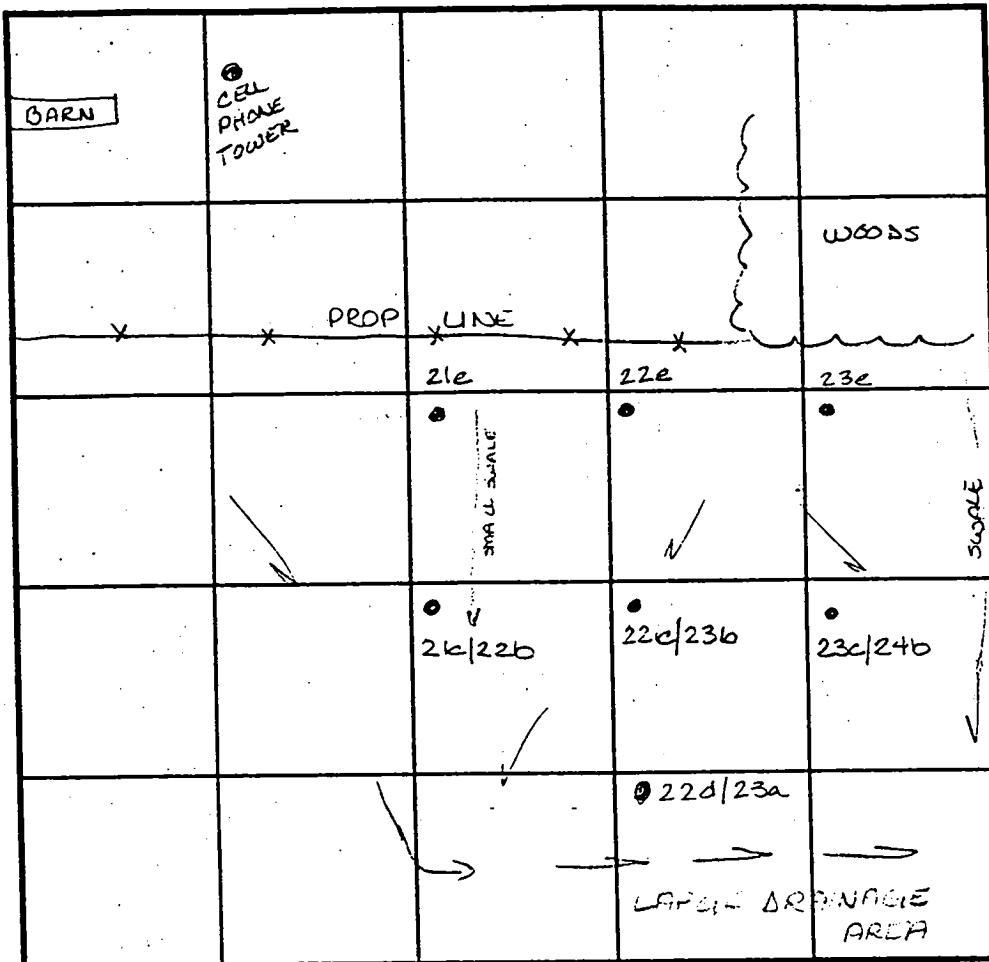
yellow
tan
Salm
micaceous
20%
shale

22c/23b

like
21e

23c/24b

like
21e



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
23e 22e

dark
red
brown
micaceous
Sicilm
red &
yellow
streaked
Silm
micaceous
20%
Rx

22d/23a

topsoil
yellow
Sicilm
moist
& yellow
Silm

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-8-99	21e	Visual	to 12.0	3cc	profile	---	OK	
	21c/22b	6.0 V12.0	12:17	12:22	12:22	2:33	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	
		5.5 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 h2o					---	F

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen

ALSO PRESENT Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

INLET DEPTH _____

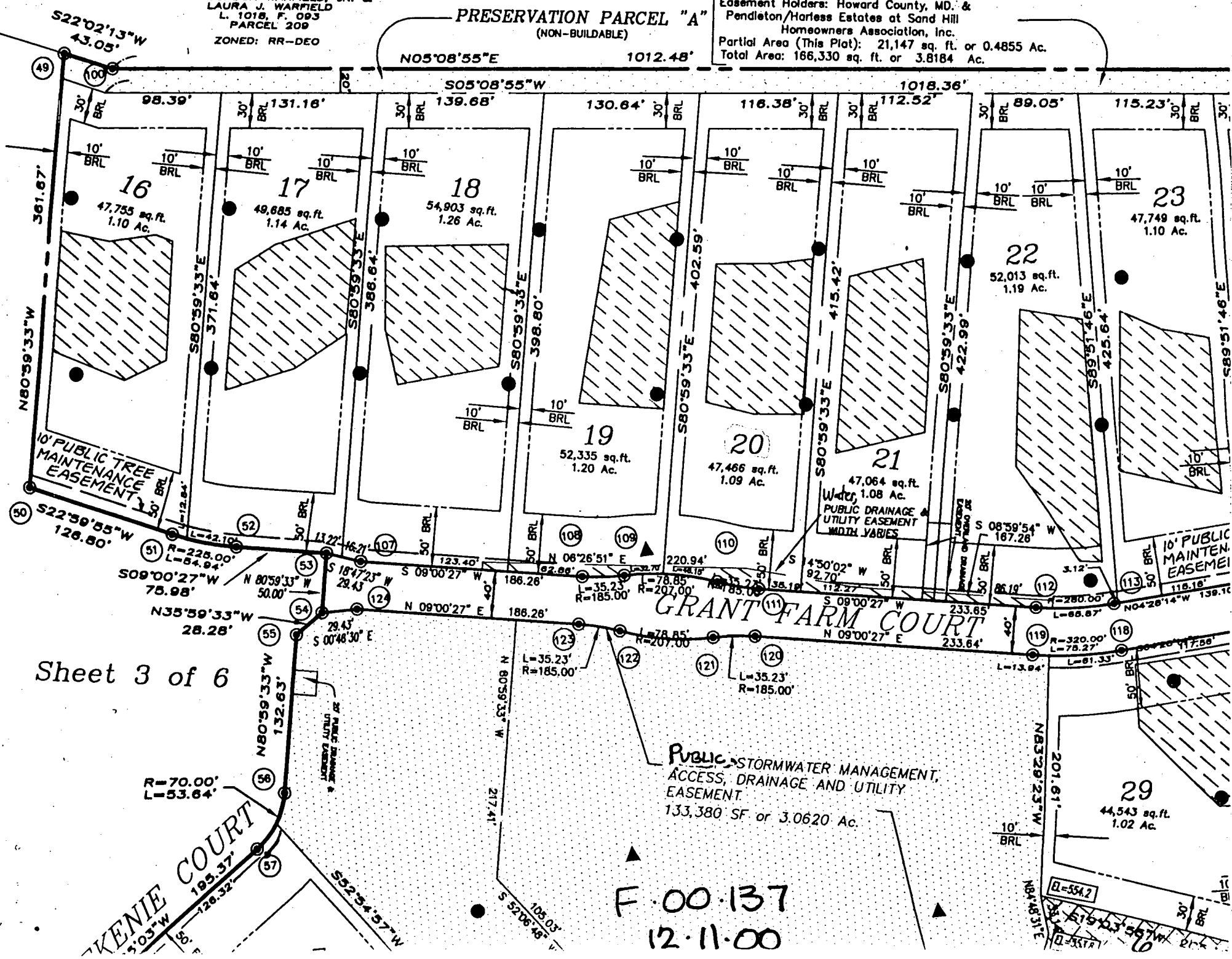
MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____

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 Plot): 21,147 sq. ft. or 0.4855 Ac.
 Total Area: 166,330 sq. ft. or 3.8184 Ac.



Sheet 3 of 6

F 00.137
 12.11.00

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