

LAYOUT 7/15/03 3pm INSP 4 _____
 INSP 2 7/16/03 INSP 5 _____
 INSP 3 7/28/03 - 3pm INSP 6 _____

ISSUE DATE: 7/10/2003

APPROVAL DATE: 10/20/03

**PERMIT
INDEXED**

P 519046

A 511441-B

RPS#
334627

**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: 26
 ADDRESS: 2156 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
 SQUARE FEET PER BEDROOM: 180
 LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

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 the distribution box as determined at the time of the layout inspection.
NOTES:	

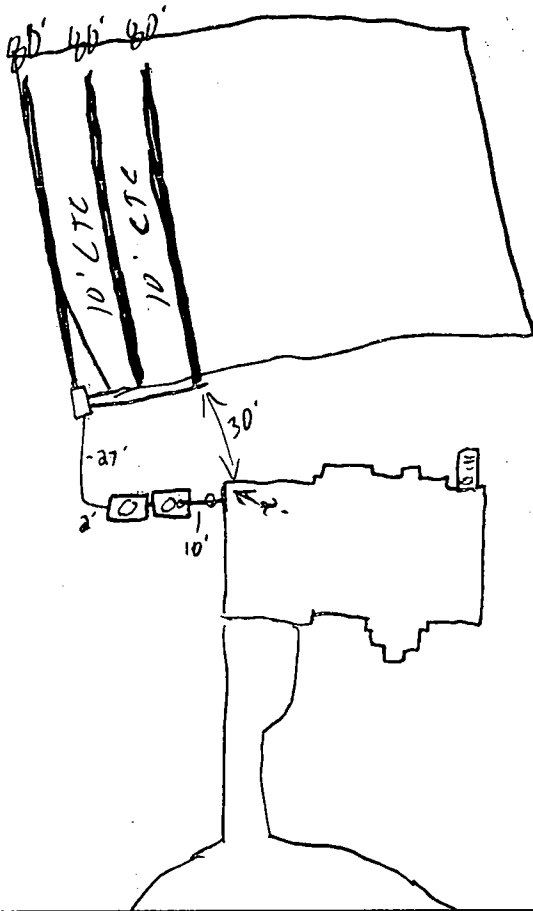
PLANS APPROVED: Stuart Oster OK/MR DATE: 5/21/03

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
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A511441-B

NOT TO SCALE



Grant Farm Ct ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 ft ²
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'
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	1'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	—
WATERTIGHT TEST	—

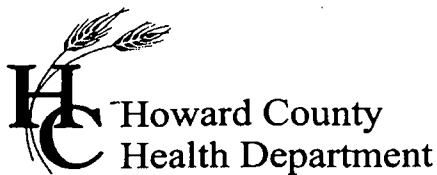
PRE-CONSTRUCTION 7/15/03 - SRA staked. Contour not accurate OK to install (3) 80' trenches w/ D.B. 5' out of SRA (SO)

INSTALLATION 7/16/03 Tanks set, trenches installed. Needs house conn & pressure line OK to cover, work complete (SO) NEEDS PUMP

TEST - (SRV) 10/20/03 Pump & Alarm Tests OK (SO)

FINAL INSPECTOR John Doe

DATE OF APPROVAL 10/20/03



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

October 30, 2003

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

SENT VIA FAX TO 410-489-7079

RE: The Estates @ Sand Hill, Lot # 26
2156 Grant Farm Court
BP# B00141669
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 10/28/2003.**

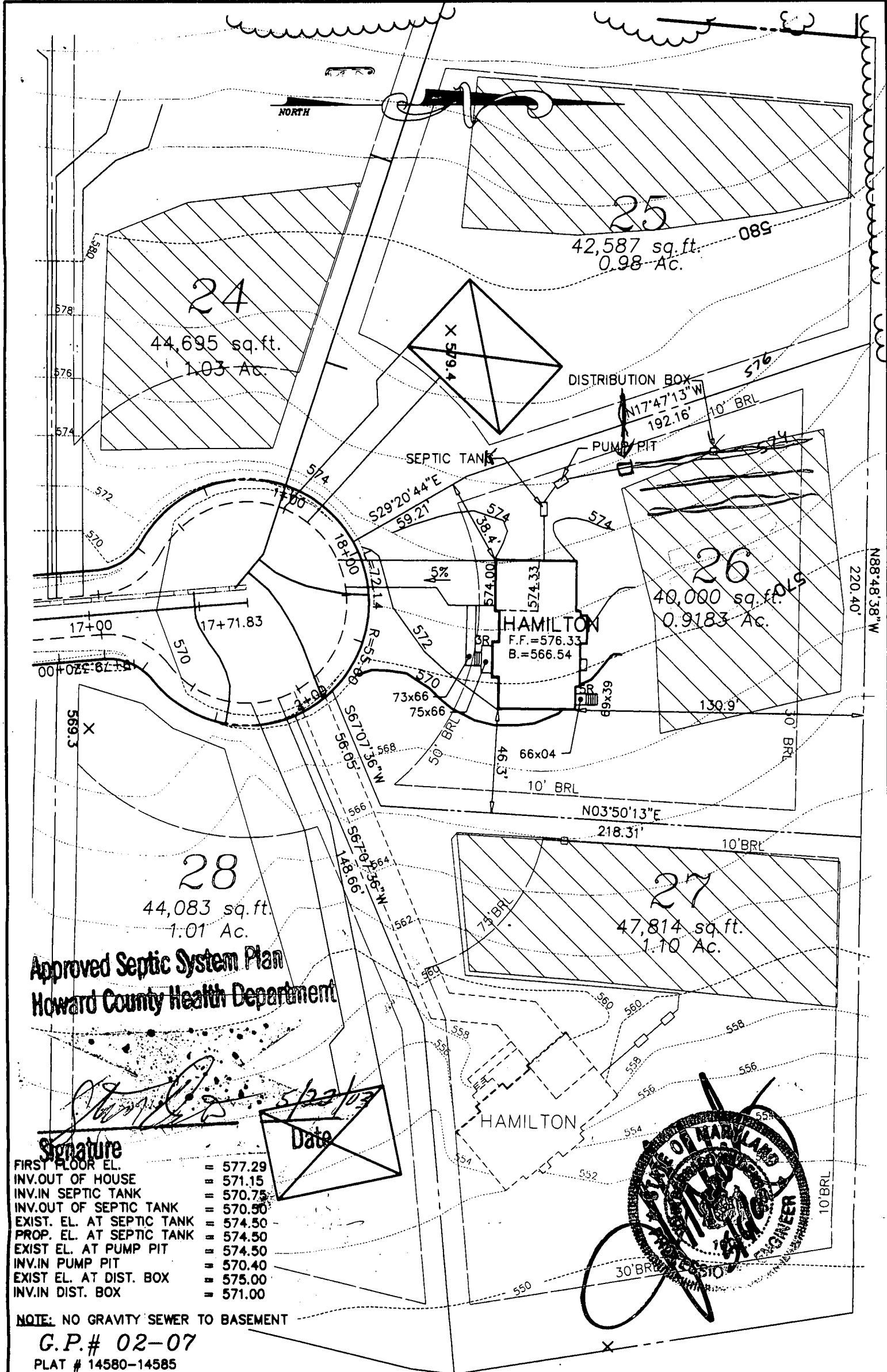
The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

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

sjn
cc: Building Inspector's Office
File



Approved Septic System Plan
Howard County Health Department

[Signature]
 Signature _____ Date **5/22/03**

- FIRST FLOOR EL. = 577.29
- INV. OUT OF HOUSE = 571.15
- INV. IN SEPTIC TANK = 570.75
- INV. OUT OF SEPTIC TANK = 570.50
- EXIST. EL. AT SEPTIC TANK = 574.50
- PROP. EL. AT SEPTIC TANK = 574.50
- EXIST. EL. AT PUMP PIT = 574.50
- INV. IN PUMP PIT = 570.40
- EXIST. EL. AT DIST. BOX = 575.00
- INV. IN DIST. BOX = 571.00

NOTE: NO GRAVITY SEWER TO BASEMENT

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



THE ESTATES AT SAND HILL		
PLOT PLAN LOT # 26		
2156 GRANT FARM COURT		
ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: MMP	SCALE: 1"=50'	DATE: MAY 1, 2003

**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.

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

28b

orange
beign
SiCILM

light
beign
to
tan

SALM
micaceous
20%
R_x

28c 29e

dark
red
SiCILM

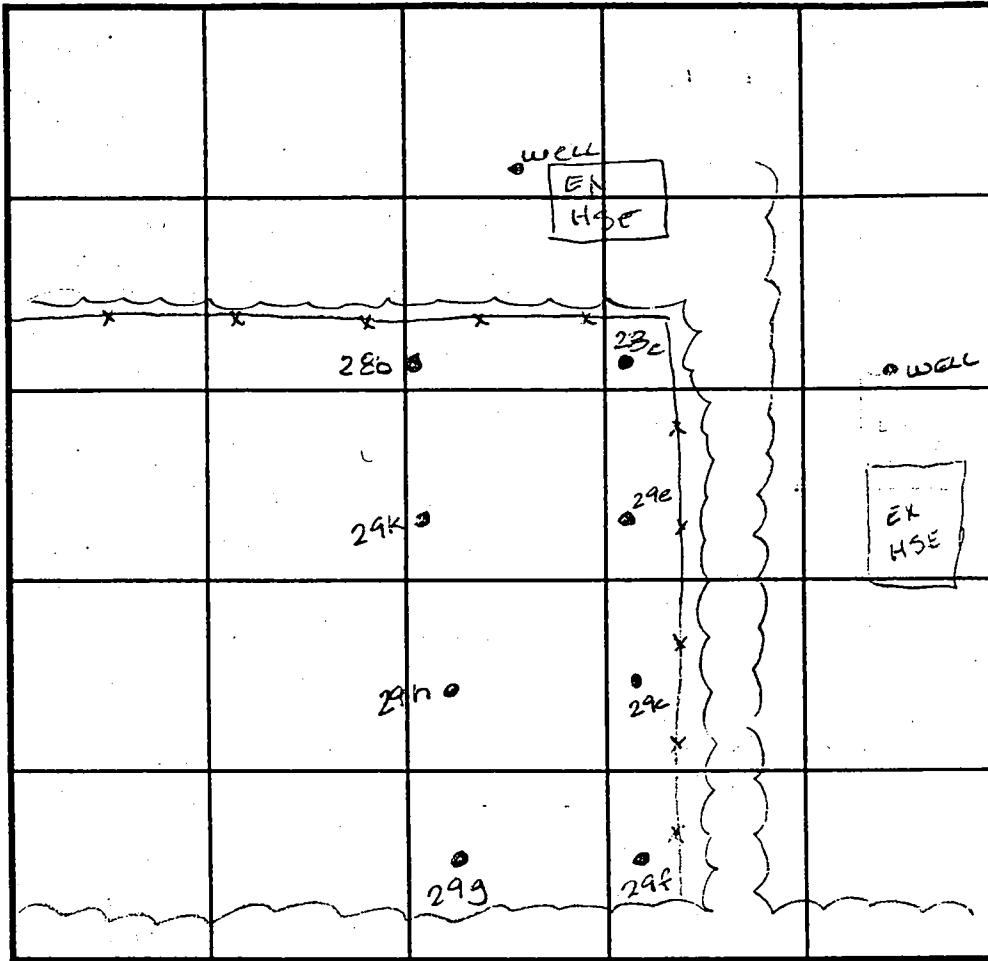
dark
red
brn

SALM
micaceous
25%
Shale

29g 29h 29c 29f

orange
brown
SiCILM

pink
SALM
micaceous
15%
Shale



SOIL PROFILE

29k

dark
red
SiCILM

dark
red
to
pink
SALM
micaceous
10%
Shale

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	28b	Visual	to 12.0	- see profile	-	-	OK
	28c	4.0 / V12.0	2:13	2:14	2:14	2:16	2min
		8.0 / V12.0	2:14	2:15	2:15	2:16	1min
	✓ 29e	5.0 / V12.0	2:20	2:27	2:27	2:31	4min
	✓ 29c	3.5 / V12.0	2:31	2:37	2:37	2:42	5min
	29f	5.0 / V12.0	2:36	2:38	2:38	2:41	3min
	✓ 29h	Visual	to 12.0	- see profile	-	-	OK
	29g	3.5 / V12.0	2:45	2:46	2:46	2:48	2min
	29k	4.0 / V12.0	2:52	2:56	2:56	3:00	4min

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 _____

HD

06°19'00" E

CEL A

955

SP-00.02

2/2/00

38' CREDIT

149.90

5038.5

102 (B)

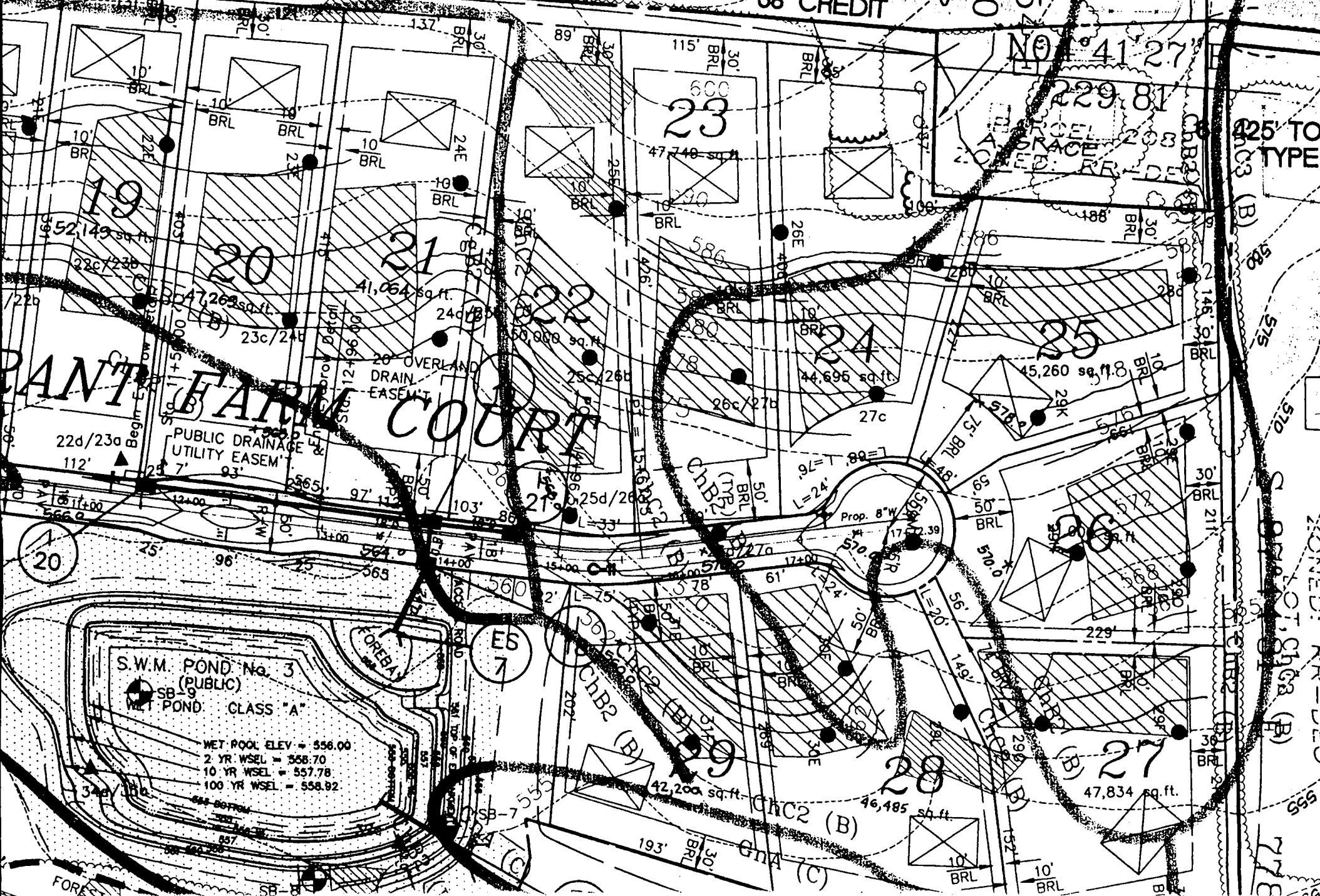
1B2 (B)

No. 41-27

229.81

25' TO TYPE

PANT FARM COURT



20

19

20

21

22

23

24

25

ES 7

26

28

27

S.W.M. POND No. 3
(PUBLIC)
WET POND CLASS "A"

WET POOL ELEV = 556.00
2 YR WSEL = 558.70
10 YR WSEL = 557.78
100 YR WSEL = 558.92

42,200 sq. ft.

46,485 sq. ft.

47,834 sq. ft.

47,740 sq. ft.

44,695 sq. ft.

45,260 sq. ft.

41,064 sq. ft.

50,000 sq. ft.

52,149 sq. ft.

47,263 sq. ft.

600

600

600

600

600

600

600

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600

600

600

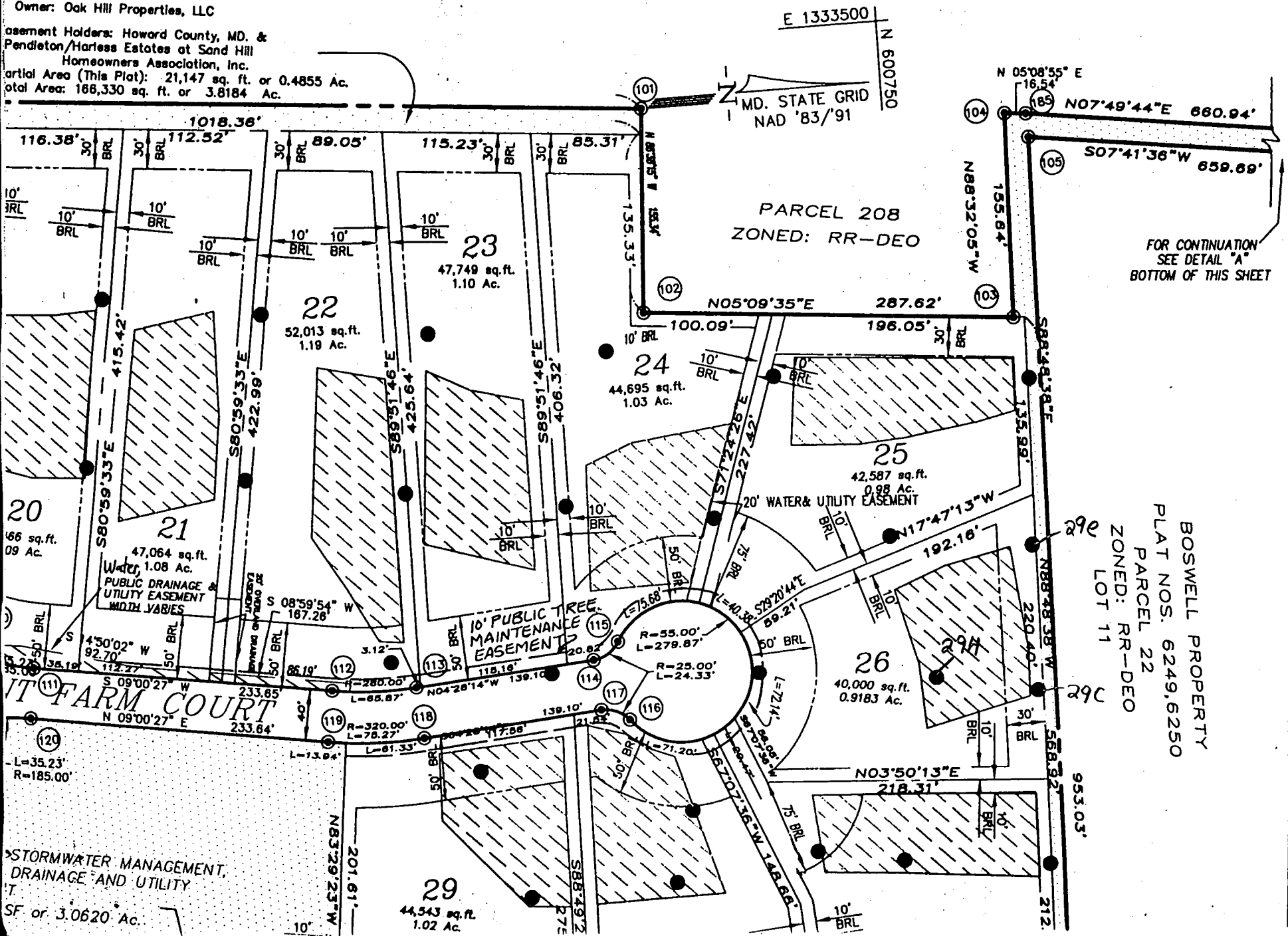
600

600

F.00.137
12.11.00

Owner: Oak Hill Properties, LLC

Assessment 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: 188,330 sq. ft. or 3.8184 Ac.



MD. STATE GRID
NAD '83/'91

PARCEL 208
ZONED: RR-DEO

FOR CONTINUATION
SEE DETAIL "A"
BOTTOM OF THIS SHEET

BOSWELL PROPERTY
PLAT NOS. 6249, 6250
PARCEL 22
ZONED: RR-DEO
LOT 11

FARM COURT

STORMWATER MANAGEMENT,
DRAINAGE AND UTILITY
SF or 3.0620 Ac.