

LAYOUT 10/22/03 12:30ish INSP 4 1/6/04 - 1PM  
 INSP 2 10/23 3ish INSP 5 \_\_\_\_\_  
 INSP 3 10/28/03 3PM INSP 6 \_\_\_\_\_

ISSUE DATE: 10/21/2003  
 APPROVAL DATE: 1/6/04

P 519632  
 A 511435-Y

# PERMIT INDEXED

RPS#  
334597

**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 Rd, Sykesville 21784 PHONE NUMBER: 410-795-5670  
 SUBDIVISION: The Estates at Sand Hill LOT NUMBER: 23  
 ADDRESS: 2145 Grant Farm Court PROPERTY OWNER: Oak Hill Properties  
 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 4.0 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 130' from the rear lot line and 10' from the left lot line. Run (3) 80' trenches as shown on contour to right side of lot.
NOTES:	Install tanks in a location at least 10' from the foundation, 10' from the left lot line and with 18-36" finished cover. <b>***PUMPED SEPTIC SYSTEM***</b>

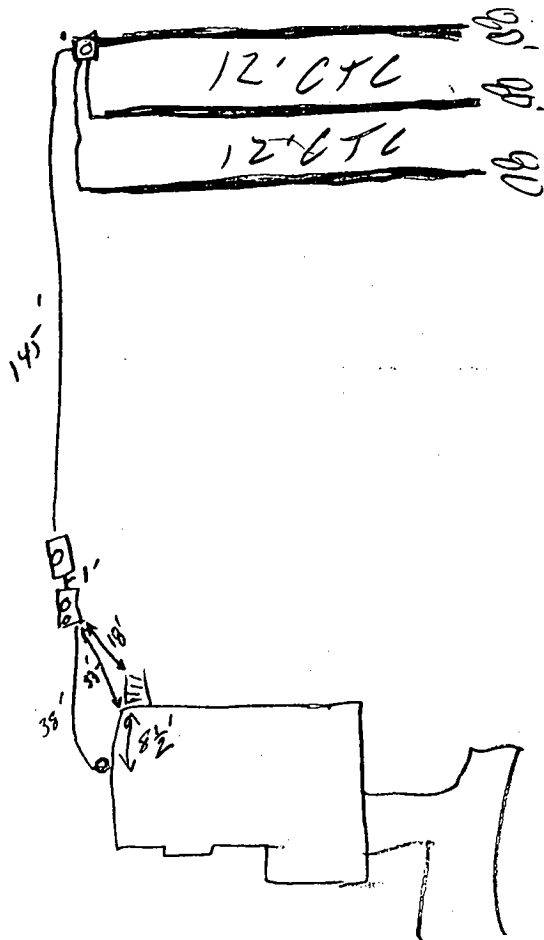
PLANS APPROVED: MER OK/ML DATE: 9/8/03

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 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

A511435-Y

NOT TO SCALE



GRANT FARM CT ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6"
NUMBER OF TRENCHES		✓
TOTAL LENGTH		240'
ABSORPTION AREA		726#
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	3'
BAFFLES	✓
BAFFLE FILTER	No
MANHOLE LOC	Mid
6" PORT LOC	front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL ✓	
CAPACITY	1250 GAL
SEAM LOC	TOP
TANK LID DEPTH	2 1/2 - 3'
BAFFLES	YES
BAFFLE FILTER	No
MANHOLE LOC	Mid
6" PORT LOC	No
WATERTIGHT TEST	No

PRE-CONSTRUCTION 10/22/03 - INSTALL PER APPROVED BP PLAN, SDA  
 STAKED (SRV) 10/23/03. House conn still needed: (KN) 10/24/03 House  
 INSTALLATION conn made (SO) 10/28/03 - OK to cover all work,  
 pump & Alarm needed (SO)  
 12/6/04 - Pump & Alarm tests OK (SB)

FINAL INSPECTOR

DATE OF APPROVAL

1/6/04

ADDRESS No.: #2145 Grant Farm Court

WARFIELD PARCEL 209  
PRESERVATION PARCEL A

TOP OF WALL ELEV. = 576.4'±  
FIRST FLOOR ELEV. =

LOT 22

LOT 24

**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

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.

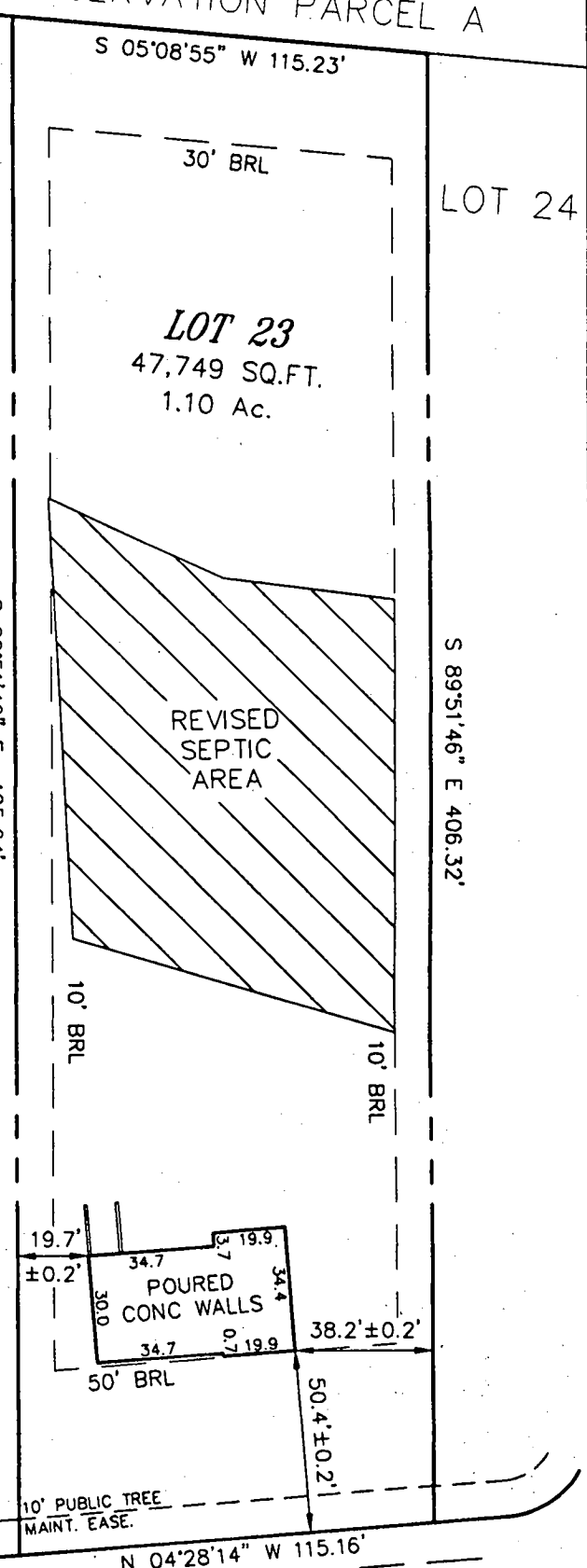


WALL CHECK OK  
HOUSE RAISED 1.2'  
OK MR  
10/10/03

**LOT 23**  
**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

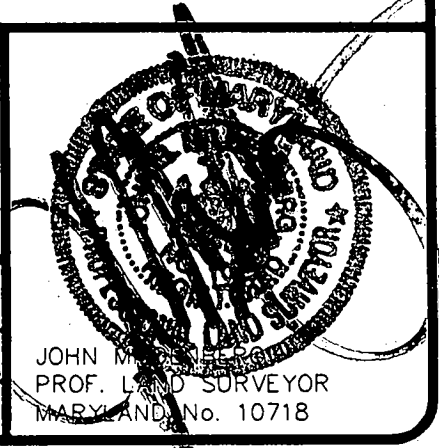
**GRANT-FARM-CT.**  
( 40' RIGHT OF WAY )



**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: 10/06/03	FINAL	DATE:
DRAWN BY: M.E.S.		SCALE: 1" = 50'	
PROJECT NO.: 00-074		LOCATION DRAWING	



S05°08'55"W  
115.23'

NORTH

Approved Septic System Plan  
Howard County Health Department

*Mark E. Riffin* 9/5/03  
Signature Date

RELOCATED SEPTIC EASEMENT

PLATTED SEPTIC EASEMENT  
TO BE RELOCATED

22  
52,013 sq. ft.  
1.19 AC.

23  
47,749 sq. ft.  
1.10 AC.

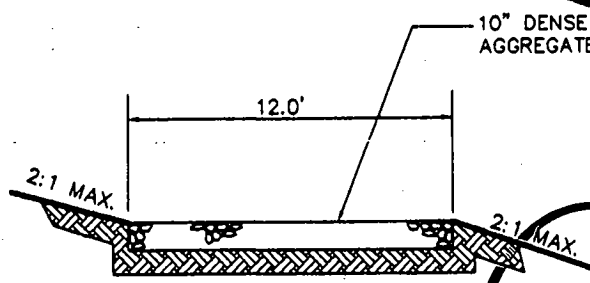
24  
44,695 sq. ft.  
1.03 AC.

THE ALBERMARLE  
F.F. = 576.20  
B. = 566.57  
G. = 574.20

FIRST FLOOR EL.	■	576.20
INV. OUT OF HOUSE	■	569.35
INV. IN SEPTIC TANK	■	568.95
INV. OUT OF SEPTIC TANK	■	568.70
EXIST. EL. AT SEPTIC TANK	■	571.90
PROP. EL. AT SEPTIC TANK	■	572.20
EXIST. EL. AT PUMP PIT	■	572.50
INV. IN PUMP PIT	■	568.50
EXIST. EL. AT DIST. BOX	■	585.80
INV. IN DIST. BOX	■	581.80

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

**TYPICAL DRIVEWAY SECTION**



NOTE: NO GRAVITY SEWER TO BASEMENT

**THE ESTATES AT SAND HILL**

PLOT PLAN LOT # 23  
2145 GRANT FARM COURT

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: MMP	SCALE: 1"=50'	DATE: AUGUST 8, 2003

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

6072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-6621 Wash. (410) 997-0298 Fax

Plot # 14583

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
3030 COURT HOUSE DRIVE  
ELLCOTT CITY, MD 21043  
PERMITS (410) 313-2450 INSPECTIONS (410) 313-1910  
AUTOMATED INFORMATION (410) 313-3800

# HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER  
B00143 634 mel

Building Address 2145 LORANT FARM COURT  
MANNINGVILLE MD 21104  
Suite/Apt. # \_\_\_\_\_ SDP/WP/Petition # \_\_\_\_\_  
Census Tract 6030 Subdivision SAND HILL  
Section \_\_\_\_\_ Area \_\_\_\_\_ Lot 23  
Tax Map 14 Parcel 3 Grid 2  
Zoning D20 Map Coordinates 6041 Lot size 1.10 ac.

Property Owner's Name \_\_\_\_\_  
Address Oak Hill Properties, L.L.C.  
107 Loudoun Street, S.E.  
City Leesburg, VA 20175-3106  
Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_  
Applicant's Name & Mailing Address, (if other than stated hereon):  
703 443 0400 703 443 0404  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Existing Use VACANT LOT  
Proposed Use NEW HOME  
Estimated Construction Cost \$ 75,000  
Description of Work CONSTRUCT AN  
ACBL MARLE 2 STORY PART BSMT  
9R 2FB 1NB FP (4BR)

Contractor Company Oak Hill Properties, L.L.C.  
Contact Person 107 Loudoun Street, S.E.  
Address Leesburg, VA 20175-3106  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
License No. 0165 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Occupant or Tenant \_\_\_\_\_  
Contact Name Oak Hill Properties, L.L.C.  
Address 107 Loudoun Street, S.E.  
Leesburg, VA 20175-3106  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company O. T. MILLER & ASSOCIATES  
Contact Person JOHN  
Address 5072 DORSEY HALL DRIVE  
City ELLCOTT CITY State MD Zip Code 21042  
Phone 410 997 0296 Fax 410 997 0298

### BUILDING DESCRIPTION - COMMERCIAL

### BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
Height: _____	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____	Heating System: _____
<input type="checkbox"/> Reinforced Concrete	Electric <input type="checkbox"/> Oil <input type="checkbox"/>
<input type="checkbox"/> Structural Steel	Natural Gas <input type="checkbox"/>
<input type="checkbox"/> Masonry	Propane Gas <input type="checkbox"/>
<input type="checkbox"/> Wood Frame	Sprinkler system: <input type="checkbox"/> N/A <input type="checkbox"/>
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full <input type="checkbox"/> Partial
	<input type="checkbox"/> Other Suppression
	# of Heads _____

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private
Depth: <u>346"</u> Width: <u>54'8"</u>	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
1st floor: <u>346"</u> <u>54'8"</u>	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
2nd floor: <u>32"</u> <u>54'8"</u>	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: <u>30'</u> <u>4'8"</u>	Heating System: _____
Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/>	Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on grade <input type="checkbox"/>	Natural Gas <input checked="" type="checkbox"/>
No. of Bedrooms: _____	Propane Gas <input type="checkbox"/>
Multi-unit dwellings: _____	Sprinkler system: <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
No. of efficiency units: _____	NFPA #13D _____
No. of 1 BR units: _____	NFPA #13R _____
No. of 2 BR units: _____	Other: _____
No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: _____	
Roof: _____	
<input type="checkbox"/> State Certified Modular	
<input type="checkbox"/> 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 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: [Signature]  
Title/Company: \_\_\_\_\_

Print Name: Kevin Rogers  
Date: 8/15/2003

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
\*\* PLEASE WRITE NEATLY AND LEGIBLY \*\*  
FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE APPROVAL
<input checked="" type="checkbox"/> Land Development, DPZ		
<input checked="" type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Official	<u>9/5/03</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> Dev. Engineering, DPZ		
<input checked="" type="checkbox"/> Health		
<input checked="" type="checkbox"/> Fire Protection		
Is Sediment Control approval required prior to issuance?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
CONTINGENCY CONSTRUCTION START	<input type="checkbox"/>	
ONE STOP SHOP	<input type="checkbox"/>	

DPZ SETBACK INFORMATION	PROPERTY ID#
Front: _____	<u>59273</u>
Rear: _____	Filing fee \$ <u>100</u>
Side: _____	Permit fee \$ _____
Side St: _____	Excise tax \$ _____
All minimum setbacks met?	Add'l per. fee \$ _____
YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
Is Entrance Permit required?	Sub-total paid \$ _____
YES <input type="checkbox"/> NO <input type="checkbox"/>	Balance due \$ _____
Historic District?	Check # <u>7212</u>
YES <input type="checkbox"/> NO <input type="checkbox"/>	Validation # <u>39591</u>
Lot Coverage for New/Town Zone _____	Accepted by <u>[Signature]</u>
SDP/Red-line approval date _____	

# 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

26e 27c

orange brown  
Sicllm

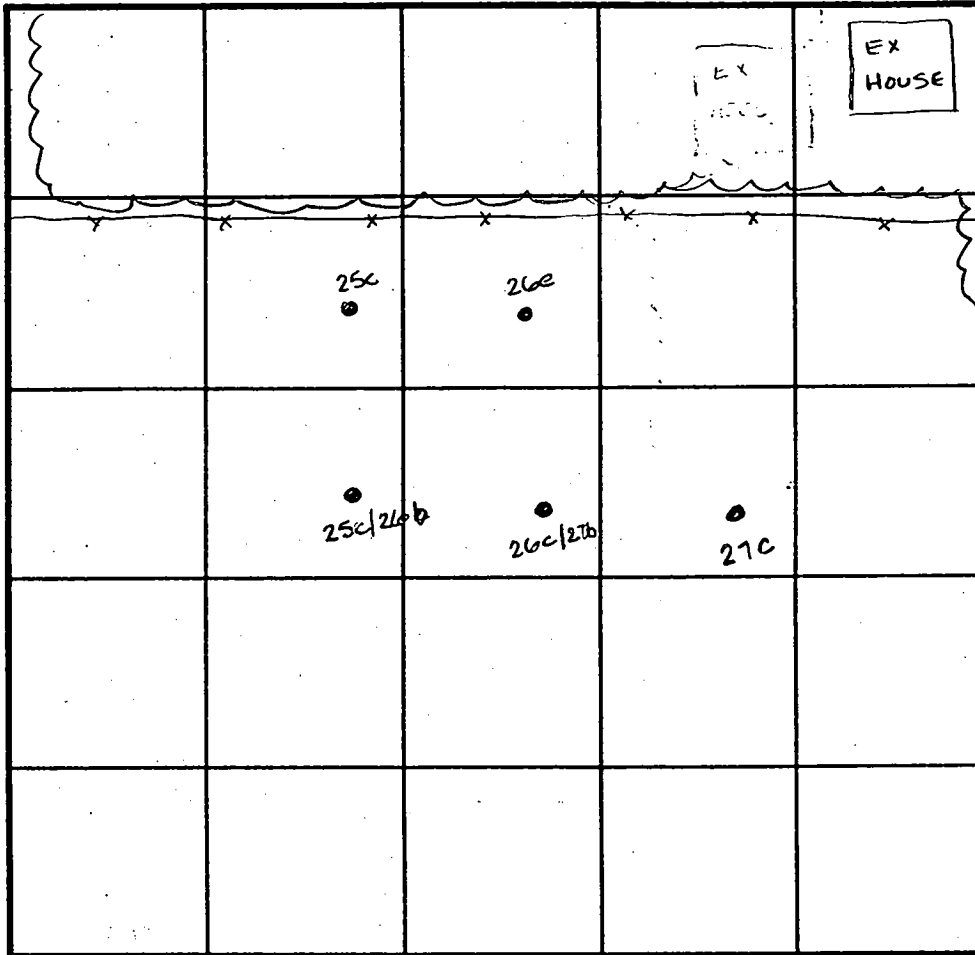
4.0

pink to red  
w/ yellow  
streaks  
salm  
micaeous  
20%  
mica  
shale

12.0

26c/27b

like  
26c  
&  
27c



SOIL PROFILE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-8-99	26e	4.0 V12.0	2:01	2:04	2:04	2:08	4
		8.0 V12.0	2:00	2:02	2:02	2:04	2
	26c/27b	5.0 V12.0	3:09	3:14	3:15	3:20	5
	27c	4.0 V12.0	3:03	3:05	3:05	3:07	2

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Kellerman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE  
25e

dark  
red  
brown  
SiClm

beigh  
Salm  
micaceous  
10%  
rock



24e

dark  
beigh  
SiClm  
micaceous

orange  
brown  
Salm  
micaceous  
20%  
micaceous  
shale

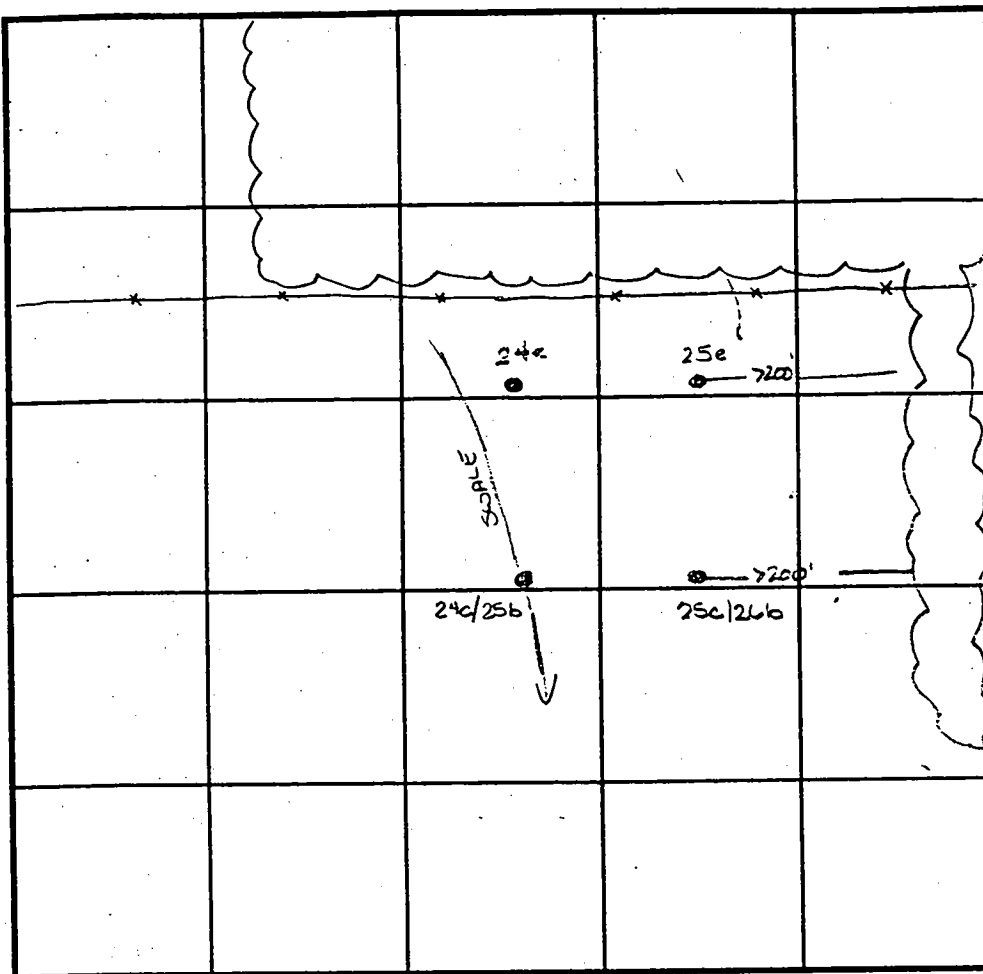
24c/25b

dark  
red  
SiClm  
micaceous

pink  
to  
dark  
red  
Salm  
micaceous  
15%  
rock

SOIL PROFILE  
25c/26b

like  
24c/25b  
but  
30%  
shale  
frag



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	25e	Visual	to 120	- see profile			OK ✓
	24e	4.0	1:24	1:32	1:32	1:41	9min
		8.0	1:23	1:24	1:24	1:27	3min
	24c/25b	4.0	1:29	1:30	1:30	1:32	2min
	25c/26b	4.5	1:34	1:37	1:37	1:42	5min ✓

REMARKS Maintain 25' of G of sample

TYPE OF SOIL Amy Mem. llen

TESTED BY \_\_\_\_\_ ALSO PRESENT Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 1/2 TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 180

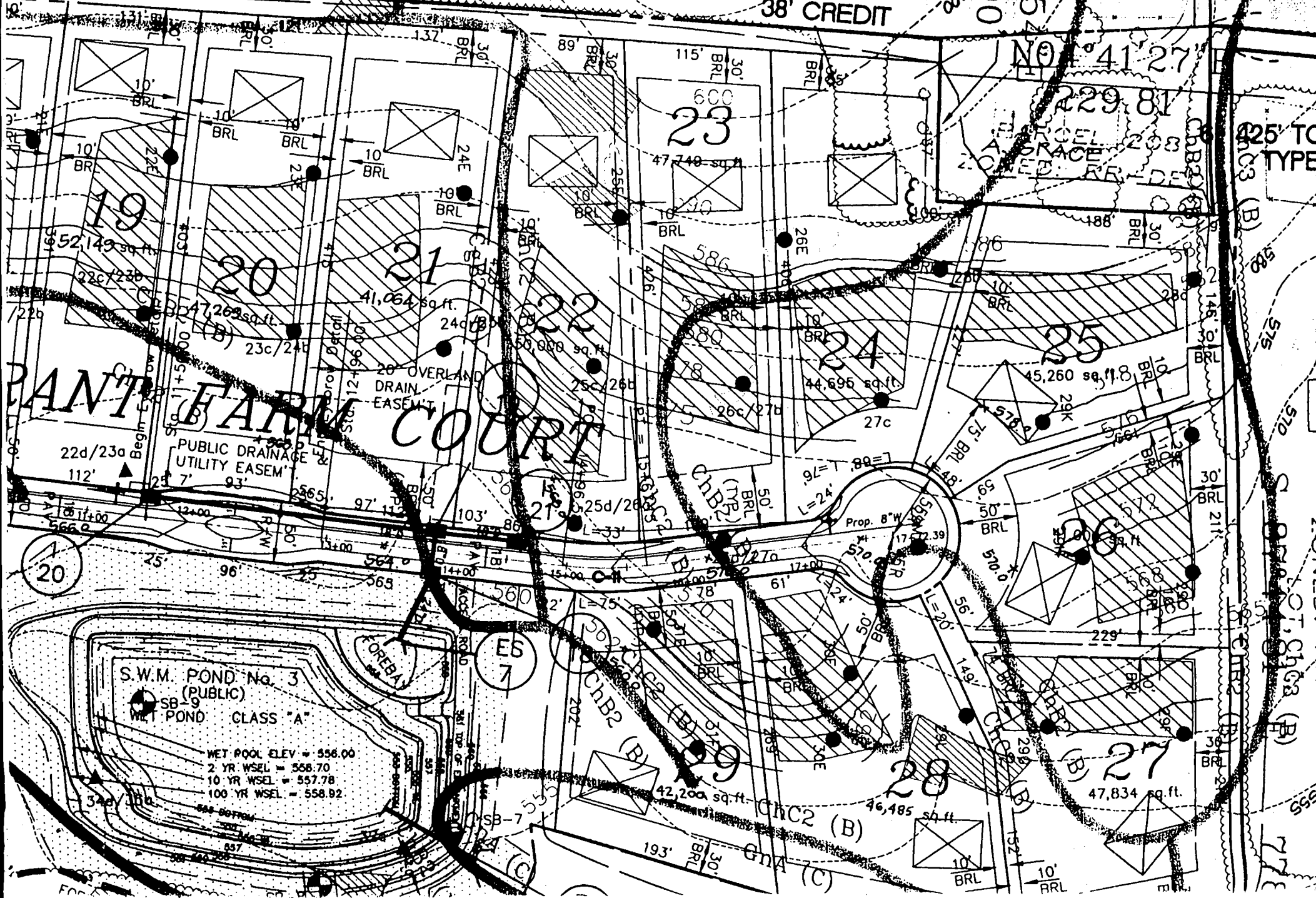
11.0

06°19'00" E  
CEL A

SP.00.02  
2/2/00

38' CREDIT

149.90  
5.38  
102 (B)  
1B2 (B)



PANT FARM COURT

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

600  
23  
47,740 sq. ft.

20  
47,269 sq. ft.

21  
41,064 sq. ft.

22  
50,000 sq. ft.

24  
44,696 sq. ft.

25  
45,260 sq. ft.

26  
42,578 sq. ft.

28  
46,485 sq. ft.

27  
47,834 sq. ft.

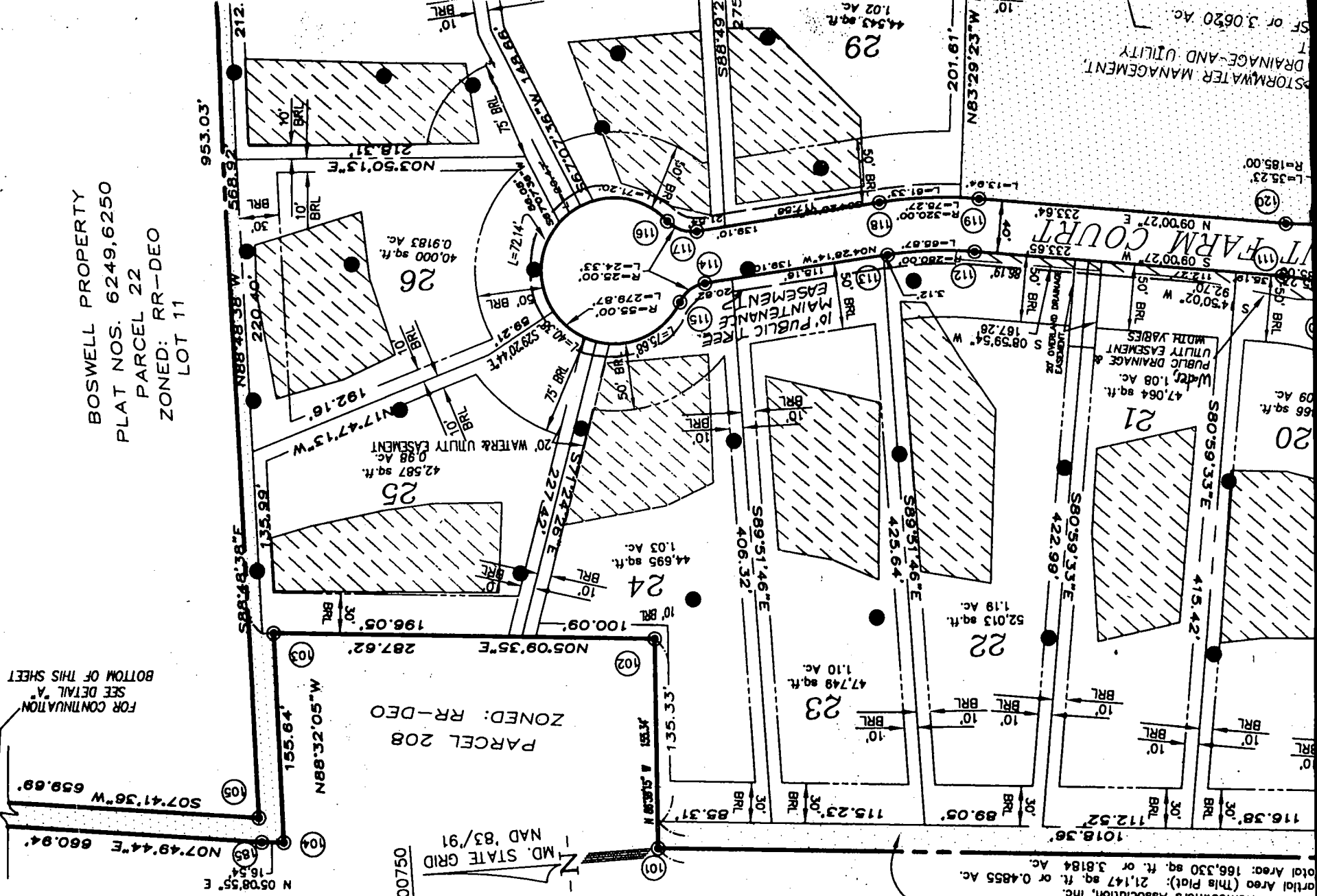
25' TO TYPE

F.00.137  
12.11.00

Owner: Oak Hill Properties, LLC

Deedment Holders: Howard County, MD, & Pendleton/Horsemen's Association, Inc.

Partial Area (This Plat): 21,147 sq. ft. or 0.4855 Ac.  
Total Area: 166,330 sq. ft. or 3.8184 Ac.



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

FOR CONTINUATION  
SEE DETAIL "A"  
BOTTOM OF THIS SHEET

PARCEL 208  
ZONED: RR-DEO

E 1333500  
N 600750  
MD. STATE GRID  
NAD 83/91

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