

LAYOUT 7/18/03 INSP 4 2:30 Pm 9/16/03
 INSP 2 2:30 7/21/03 INSP 5 11/24/03 - 2:30
 INSP 3 1:30 8-18-03 INSP 6 12/16/03

ISSUE DATE: 7/17/03

APPROVAL DATE: 12/17/03

PERMIT INDEXED

P 519 059

A 511435-S

APS# 334546

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Fogle's Septic, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Rd., Sykesville 21784 PHONE NUMBER: 410-795-3432

SUBDIVISION: The Estates @ Sandhill LOT NUMBER: 18

ADDRESS: 2125 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: 240

LINEAR FEET OF TRENCH REQUIRED: ~~240~~ 50 HOUSE SERVED BY PUBLIC WATER

| | |
|-----------|---|
| TRENCHES: | Trench to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 4.0 feet of stone below distribution pipe. |
| LOCATION: | Install the distribution box at the highest useable point of the SDA. |
| NOTES: | Install 4-80' long trenches on contour with 9' separation from edge. |

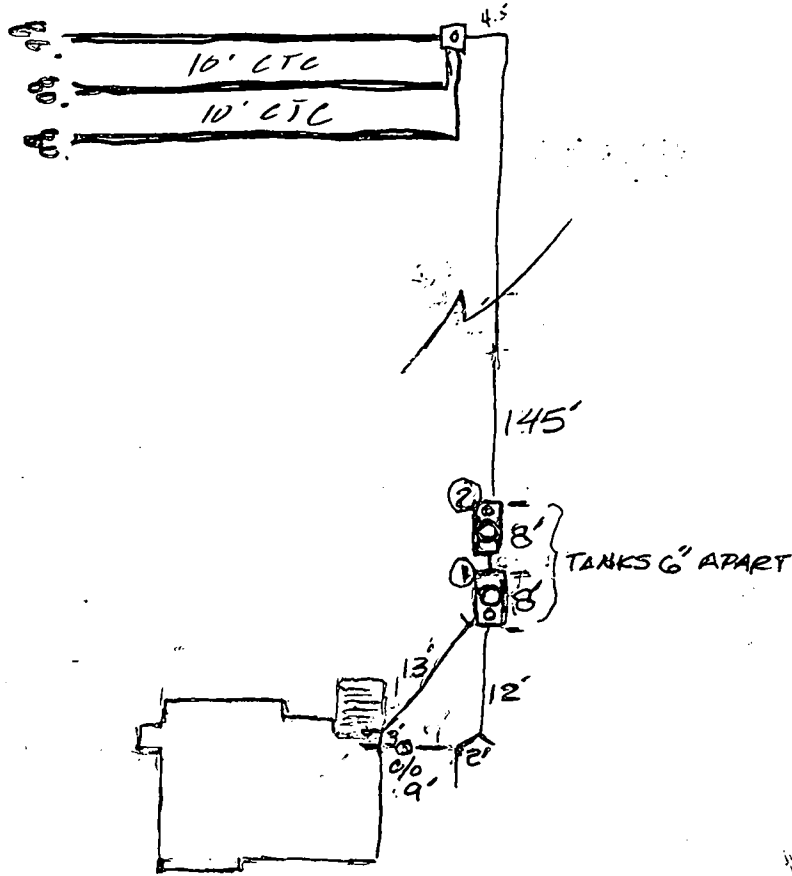
PLANS APPROVED: John A. Boris 7/17/03 DATE: 6/4/03

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

A 511435-S

NOT TO SCALE



GRANT FARM CT

ROAD

| TRENCH/DRAINFIELD DATA | | |
|-------------------------|-------------------|--------|
| WIDTH | INLET | BOTTOM |
| 2' | 4' | 8' |
| NUMBER OF TRENCHES | 3 | |
| TOTAL LENGTH | 240' | |
| ABSORPTION AREA | 720 ft^2 | |
| DISTRIBUTION BOX LEVEL | ✓ | |
| DISTRIBUTION BOX BAFFLE | ✓ | |
| DISTRIBUTION BOX PORT | ✓ | |

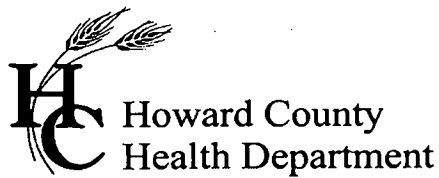
| SEPTIC TANK DATA | |
|---------------------|------------|
| SEPTIC TANK 1 LEVEL | YES |
| CAPACITY | 1250 GAL |
| SEAM LOC | TOP |
| TANK LID DEPTH | 1 1/2' |
| BAFFLES | FRONT/BACK |
| BAFFLE FILTER | NO |
| MANHOLE LOC | CENTER |
| 6" PORT LOC | FRONT |
| WATERTIGHT TEST | NA |
| SEPTIC TANK 2 LEVEL | YES |
| CAPACITY | 1250 GAL |
| SEAM LOC | TOP |
| TANK LID DEPTH | 1 1/2' |
| BAFFLES | NONE |
| BAFFLE FILTER | NO |
| MANHOLE LOC | CENTER |
| 6" PORT LOC | BACK |
| WATERTIGHT TEST | NA |

PRE-CONSTRUCTION 7/21/03 Not station (SO); 9/15/03 DEPTH OF LINE FROM TANK #2 TO DB @ 4 1/2'; DB @ 4' DEPTH. (FA)

INSTALLATION 9/16/03 OK to cover all work. Pump & Alarm tests needed (SO) 11/24/03 Not Ready (SO) 12/16/03 Not Ready (SO) 12/17/03 - Pump & Alarm test OK (SO)

FINAL INSPECTOR [Signature]

DATE OF APPROVAL 12/17/03



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

December 17, 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 # 18
2125 Grant Farm Court
BP# B00141954
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 12/17/2003.**

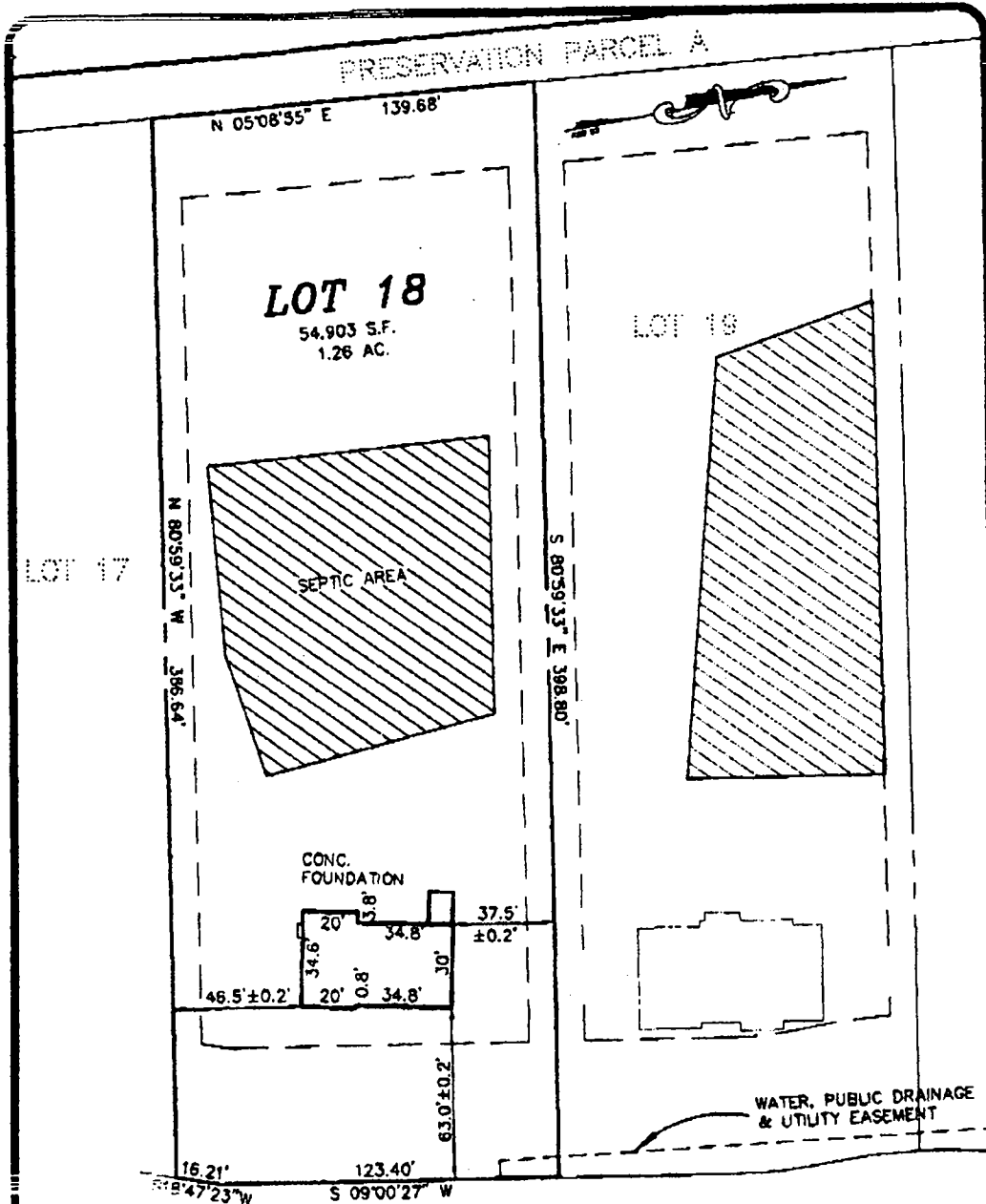
The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

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

Approving Authority,

Stuart Oster
Registered Environmental Sanitarian
Well & Septic Program

sjn
cc: Building Inspector's Office
File

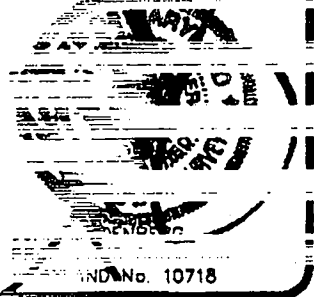


7/17/03
 House location
 per plan.
 Wall Check
 OK
 (KN)

LOT 18
THE ESTATES AT SAND HILL
 PLAT NO. 14583
 ELECTION DISTRICT NO. 3
 HOWARD COUNTY, MARYLAND

TOP OF WALL EL. = 574.05'±0.2'
 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. IT IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

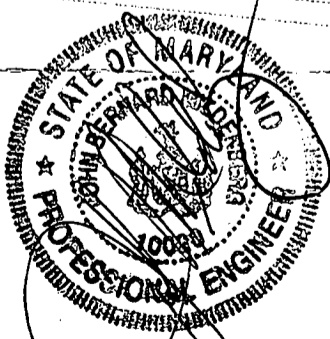
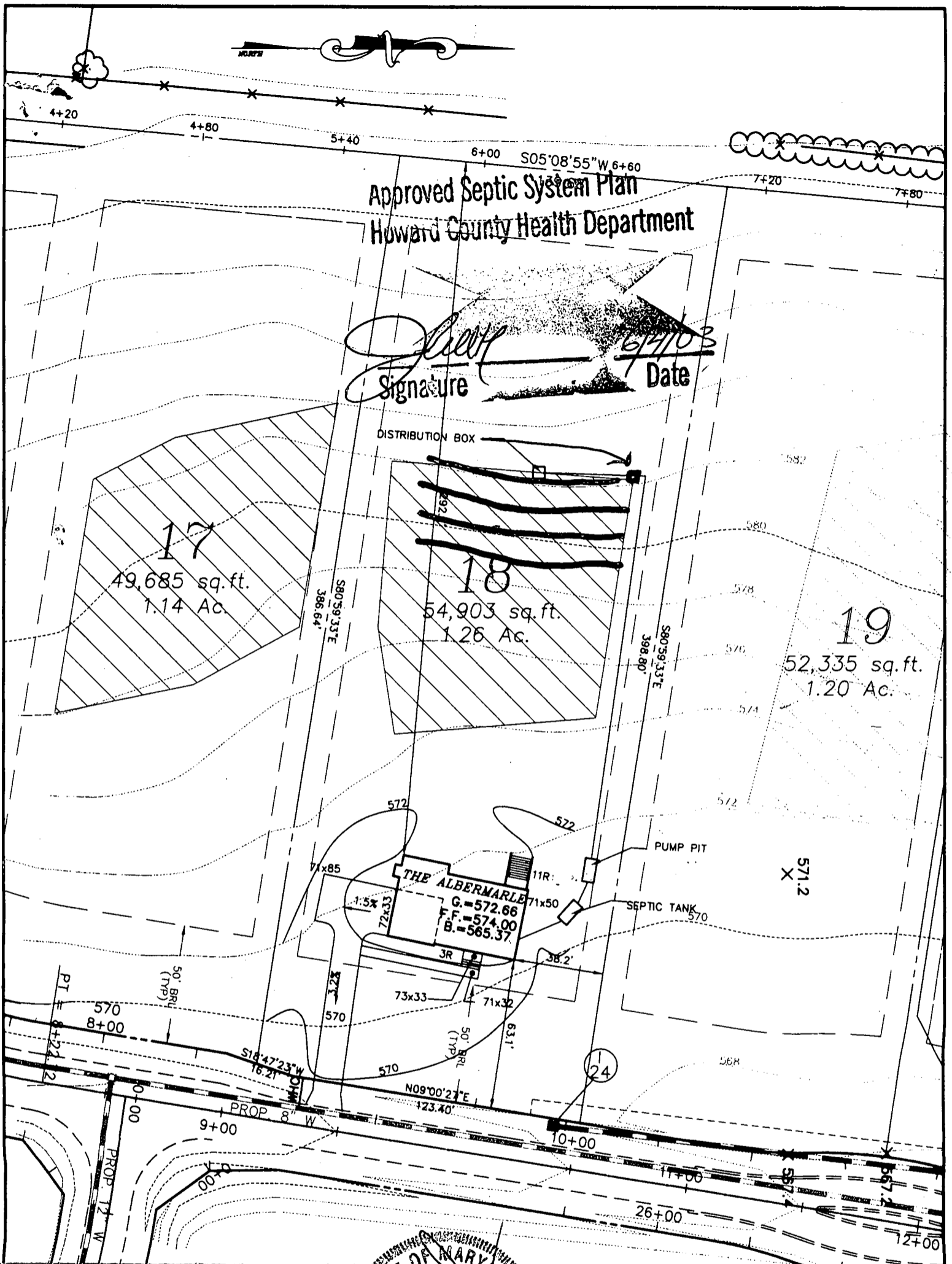
MILDENBERG BOEHLER & ASSOCIATES
 Engineers Planners Surveyors
 6075 Dorney Hall Drive, Suite 202, Ellicott City, Maryland 21043
 (410) 987-0289 Bulk (301) 821-5521 Fax (410) 987-0289



| | | | |
|-------------|----------------|-------|------|
| FOUNDATION | DATE: 07/14/03 | FILED | DATE |
| DRAWN BY | T. H. H. | SCALE | |
| PROJECT NO. | 2000-100 | | |

Approved Septic System Plan
Howard County Health Department

[Signature]
Signature
6/4/03
Date



| | | |
|---------------------------|---|--------|
| FIRST FLOOR EL. | = | 574.00 |
| INV. OUT OF HOUSE | = | 568.25 |
| INV. IN SEPTIC TANK | = | 567.85 |
| INV. OUT OF SEPTIC TANK | = | 567.60 |
| EXIST. EL. AT SEPTIC TANK | = | 570.67 |
| PROP. EL. AT SEPTIC TANK | = | 571.50 |
| EX. EL. AT PUMP PIT | = | 571.40 |
| INV. IN PUMP PIT | = | 567.40 |
| EXIST. EL. AT DIST. BOX | = | 582.43 |
| INV. IN DIST. BOX | = | 578.43 |

G.P.# 02-07

NOTE: NO GRAVITY SEWER TO BASEMENT

THE ESTATES AT SAND HILL

PLOT PLAN LOT # 18
2125 GRANT FARM COURT

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

| | | |
|----------------------|---------------|-------------------------|
| ELECTION DISTRICT: 3 | TAX MAP: 16 | HOWARD COUNTY, MARYLAND |
| DRAWN BY: M.M.P. | SCALE: 1"=50' | DATE: MAY 2, 2003 |

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
red
SicILM

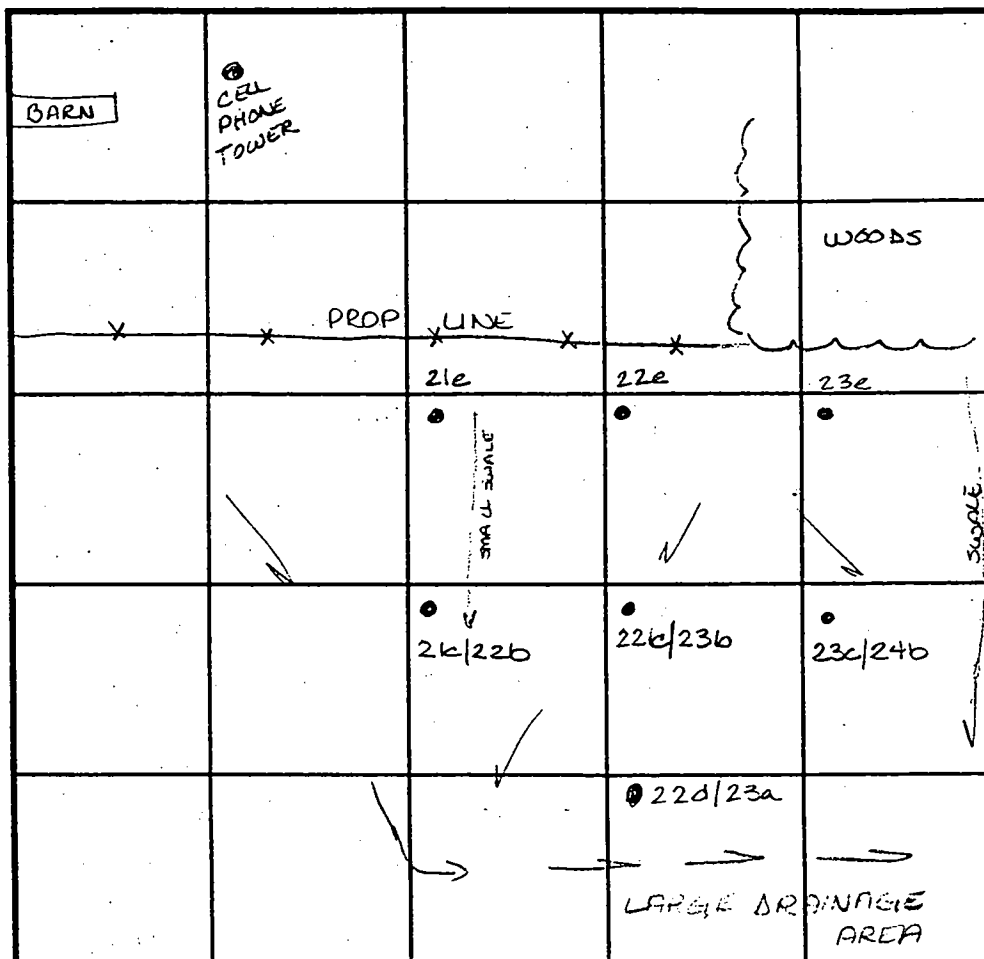
yellow tan
Salm
micaceous
20%
shale

22c/23b

like
21e

23c/24b

like
21e



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
23e 22e

dark red
red brown
micaceous
SicILM

red &
yellow
streaked
Silm
micaceous
20%
Rx

22d/23a

topsoil
yellow
SicILM

mottled
br & yellow
Silm

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|--------|----------|---------------------------------------|---------|-------|----------------|-------|-------|---|
| | | | START | STOP | START | STOP | | |
| 4-8-99 | 21e | Visual | to 12.0 | sec | profile | --- | OK | |
| | 21c/22b | 6.0 V12.0 | 12:17 | 12:22 | 12:22 | 12:33 | 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 | |
| | | 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 t20 - | | | | | | 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 _____

SP-00-02 +
2/2/00

JOHN GORDON
LAURA J. GORDON
L. 1018, F. 095
PARCEL 209
ZONED: RR-BEO

N 21° 46' 42" E
625.92'

5-2125' TYPE 'A'

595 N 06° 19' 00" E

SHEET 2 OF 6

HOA PRESERVATION
PARCEL 'A'

HOA PRESERVATION
PARCEL A

13
52 sq. ft.

43,642 sq. ft.

48,522 sq. ft.

47,548 sq. ft.

49,159 sq. ft.

54,203 sq. ft.

52,149 sq. ft.

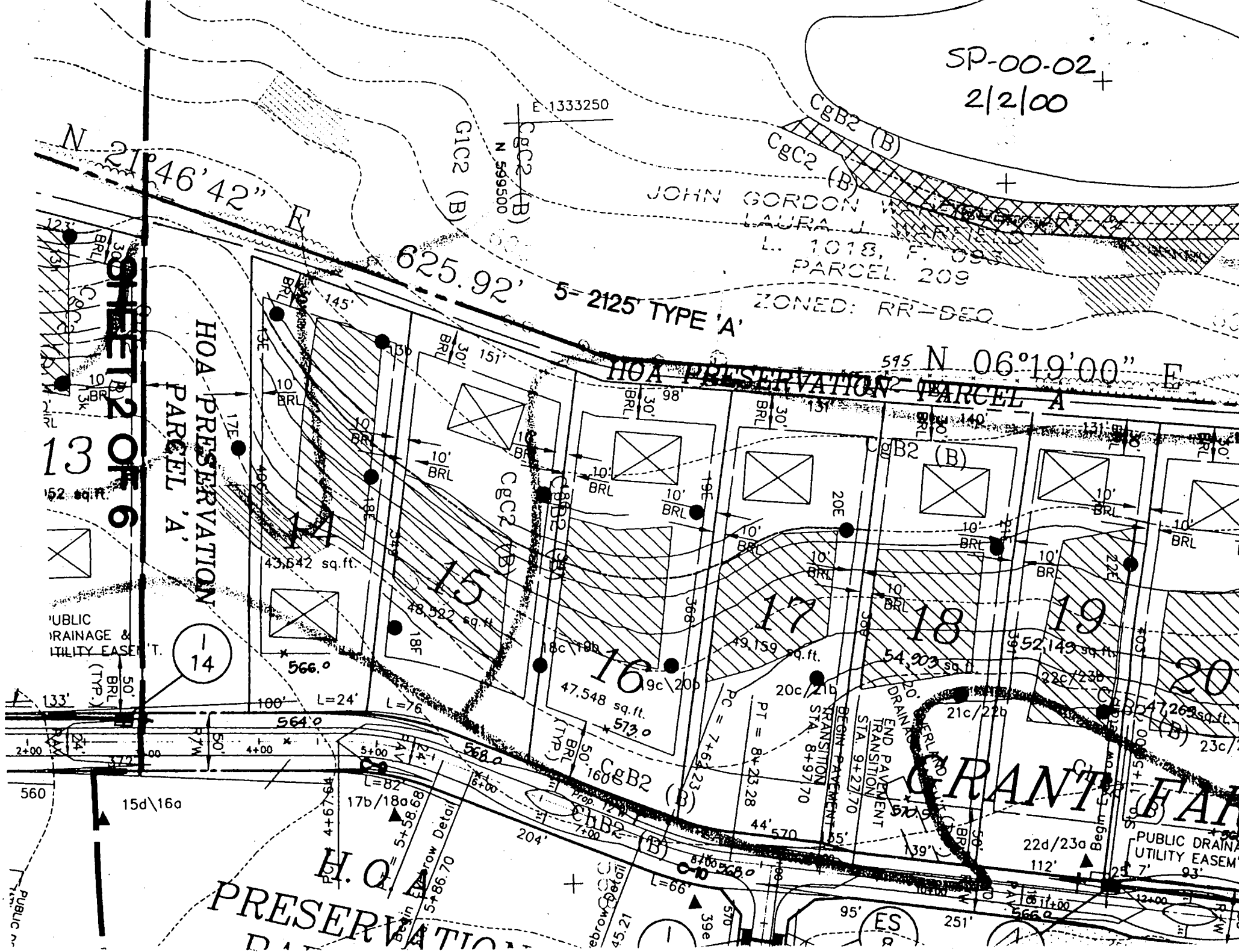
47,269 sq. ft.

PUBLIC DRAINAGE & UTILITY EASEMENT (TYP.)

GRANT FARM

HOA PRESERVATION

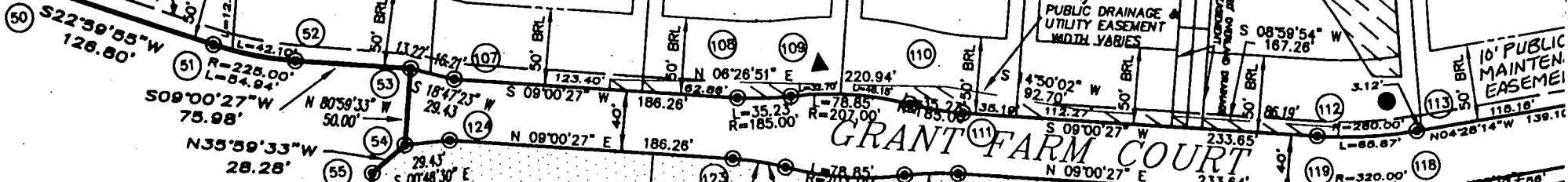
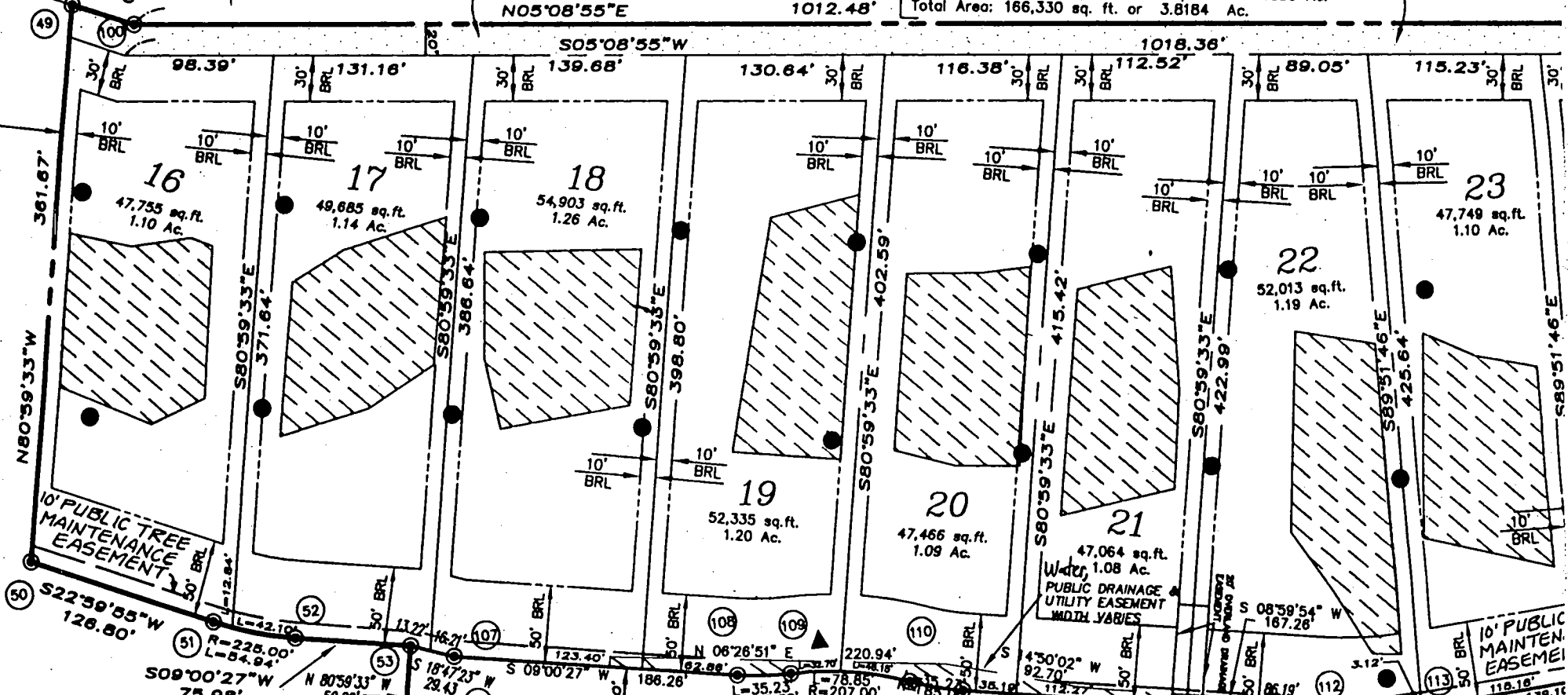
PUBLIC DRAINAGE & UTILITY EASEMENT



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' |

KENIE COURT
 S 52°54'57"W
 S 52°54'57"W
 128.32'

F 00.137
 12.11.00

29
 44,543 sq. ft.
 1.02 Ac.
 L=554.2
 L=553.7