

LAYOUT 3/11/04 11-11:30 INSP 4 _____
 INSP 2 3/15/04 INSP 5 _____
 INSP 3 6/28/04 - 11 P&A INSP 6 _____

ISSUE DATE: 3/2/2004
 APPROVAL DATE: 6/28/04

PERMIT INDEXED

P 520080
 A 511435P

*RPB#
334503*

**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 Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: The Estates at Sandhill LOT NUMBER: 15

ADDRESS: 2113 Grant Farm Road PROPERTY OWNER: Oak Hill Properties, Inc.

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: 240/170 HOUSE SERVED BY PUBLIC WATER

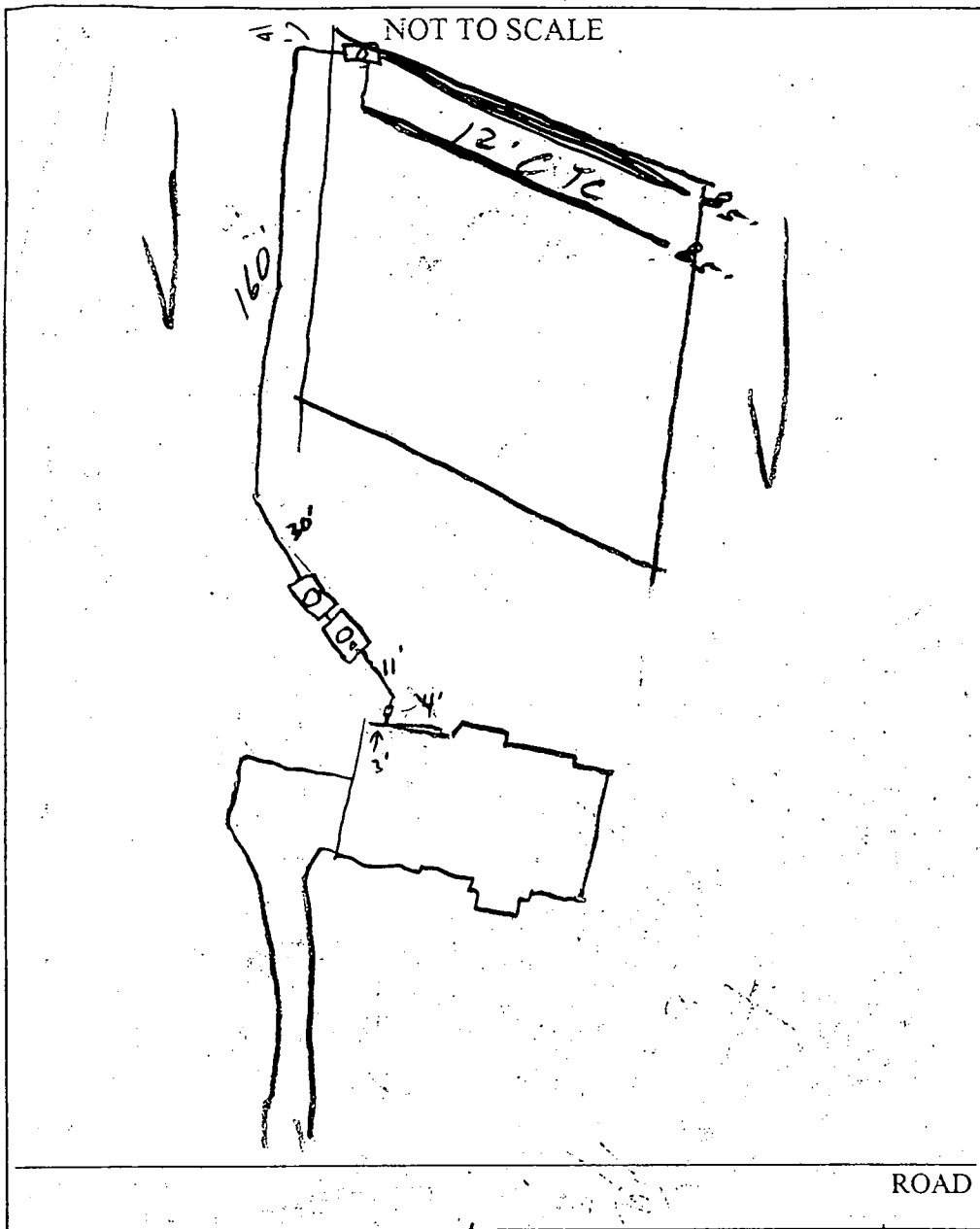
TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box as shown on plan. Run <u>4-60'</u> trenches on contour. <i>(2) 85'</i>
NOTES:	Basement service by gravity NOT proposed.

PLANS APPROVED: KN *(R) 6/2/04* DATE: 1/31/03

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**

A 511435-P



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		170
ABSORPTION AREA		510 4
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5-2'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	<input checked="" type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>

PRE-CONSTRUCTION 3/11/04 - SRA-staked, copy town correct,
 Install 80' & 90' trenches (SO)

INSTALLATION 3/15/04 - OK to cover all work (SO)

6/28/04 - Pump & Absorption tests OK (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 6/28/04

DO NOT DISCARD

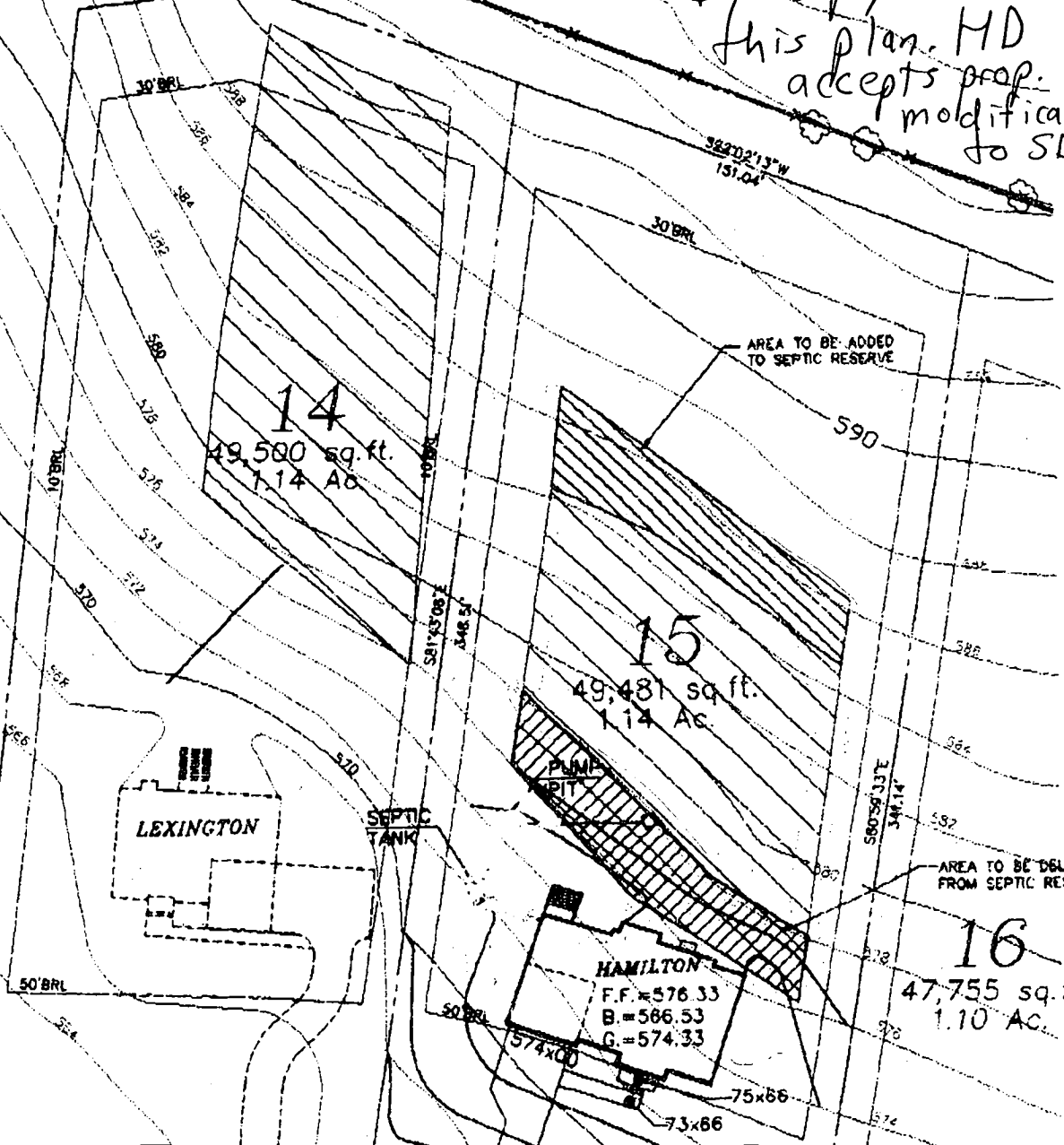
JOHN GORDON WARFIELD, JR. &
LAURA J. WARFIELD
L. 107B, F. 093
PARCEL 209

ZONED: RR-DE800

7/1/02 By copy of
this plan, MD
accepts prop.
modification
to SDA.

SRK

HOA PRESERVATION
PARCEL 'A'
3.8088 AC.
NON-BUILDABLE



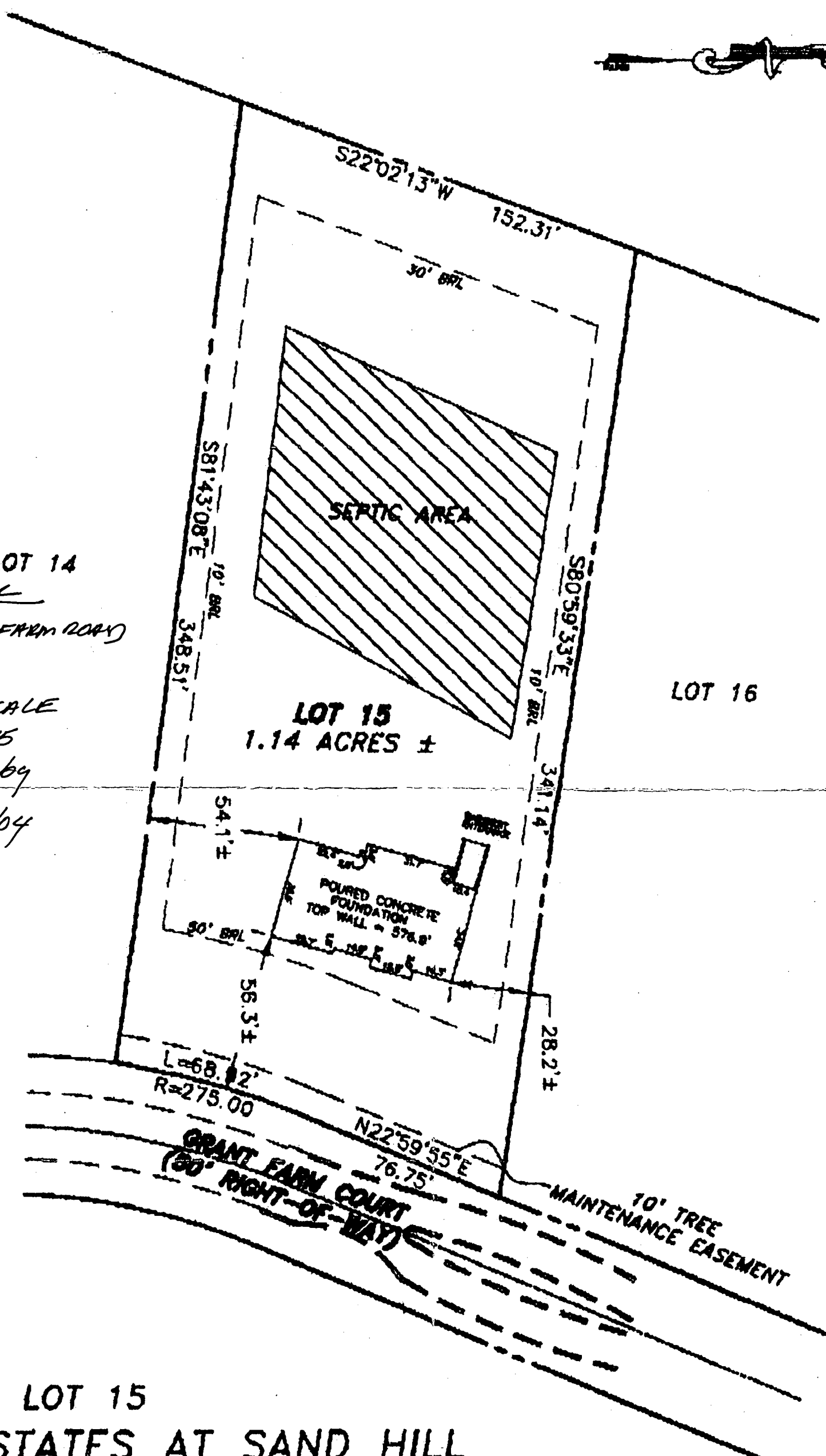
FIRST FLOOR EL	576.33
INV. OUT OF HOUSE	570.00
INV. IN SEPTIC TANK	569.60
INV. OUT OF SEPTIC TANK	569.35
EXIST. EL. AT SEPTIC TANK	572.00
PROP. EL. AT SEPTIC TANK	572.00
INV. IN PUMP PIT	568.94
EXIST. EL. AT DIST. BOX	578.00
INV. IN DIST. BOX	574.00

X 565.5
PC
+67.08

X 561

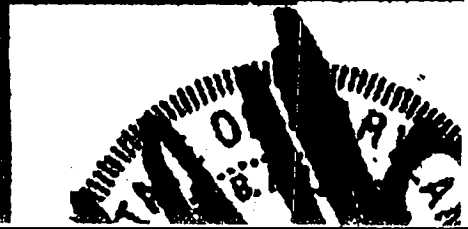


LOT 14
 WALL CHECK
 2113 GRANT FARM ROAD
 1" = 40' SCALE
 FOR LOT 15
 Approved by
 (FN) 3/2/04



LOT 15
THE ESTATES AT SAND HILL

PLAT NO. 14582
 Election district No. 3
 Howard County, Maryland
 Address No.: 2113 GRANT FARM C



NORTH

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

20' x 50'

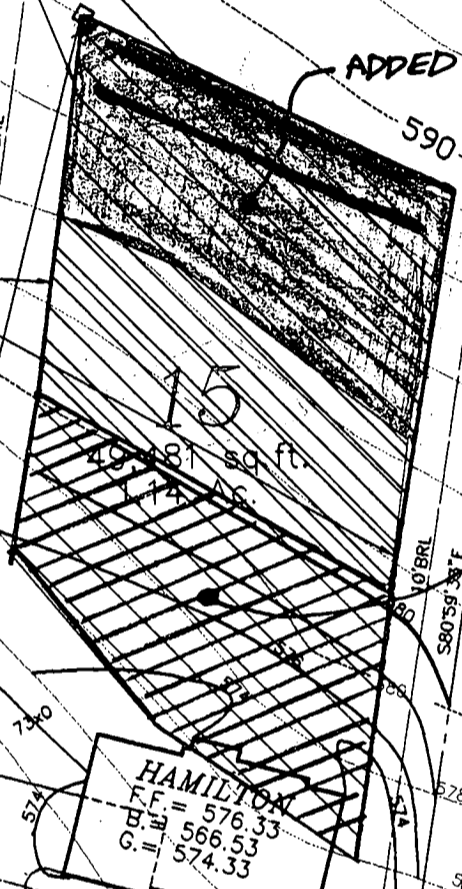
HOA PRESERVATION PARCEL 'A' 3.8088 AC. NON-BUILDABLE

14 49,500 sq. ft. 1.14 AC

PLATED SEPTIC EASEMENT TO BE RELOCATED

PUMP PIT SEPTIC TANK

FF ELEV. = 571.56



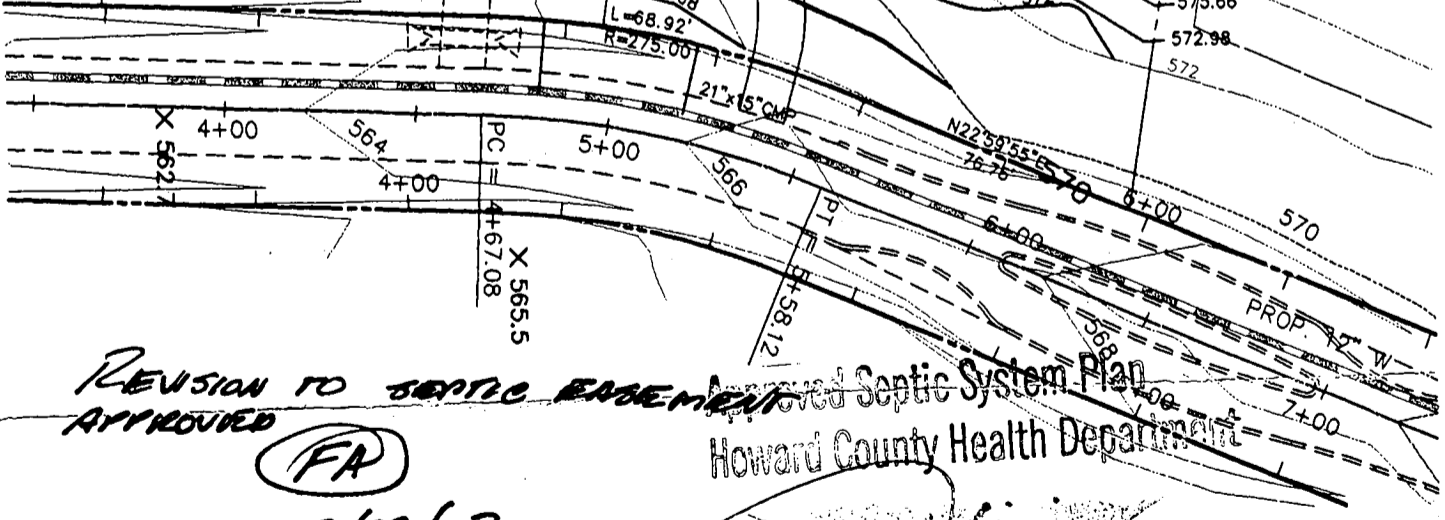
15 49,481 sq. ft. 1.14 AC

HAMILTON FF. = 576.33 B.M. 566.53 G.L. 574.33

16 47,755 sq. ft. 1.10 AC

DELETED

ADDED



REVISION TO SEPTIC EASEMENT APPROVED

(FA)

12/29/03

Approved Septic System Plan Howard County Health Department

Signature: [Handwritten Signature] Date: 12/29/03

THE ESTATES AT SAND HILL

PLOT PLAN LOT # 15 2113 GRANT FARM COURT

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

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042 (410) 997-0296 Balt. (301) 621-6621 Wash. (410) 997-0298 Fax.

ELECTION DISTRICT: 3 TAX MAP: 16 HOWARD COUNTY, MARYLAND DRAWN BY: M.M.T. SCALE: 1"=50' DATE: DECEMBER 10, 2003



B00139778-A
Revised cover
letter

February 2, 2004

Department of Licenses & Permits
3430 Court House Drive
Ellicott City, Maryland 21043-4395

Attention: Avis Corbin

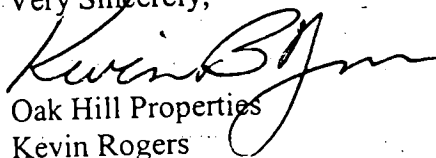
RE: Lot 15 - 2113 Grant Farm Court

Dear Madam,

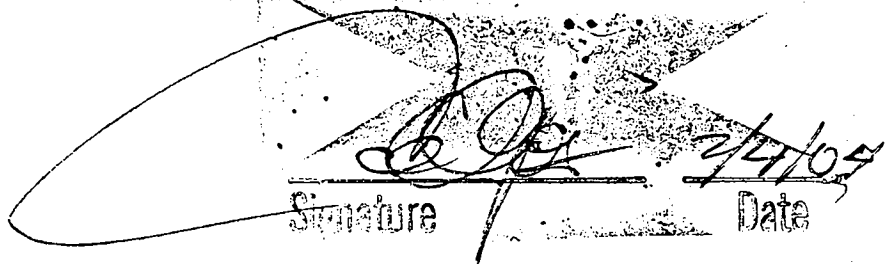
This letter is sent to request a revision to the Location of the septic field house on this lot. The customer requested room to install a swimming pool after we had sited this home. And it took several weeks for the Health department to agree on this new location. We are submitting six copies of the revised site plan with this request.

Thank you for your consideration of this request.

Very Sincerely,


Oak Hill Properties
Kevin Rogers

Approved Septic System Plan
Howard County Health Department


Signature

2/2/04
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:

SUBDIVISION 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

0'
 18f
 bright red
 SiClm

5.0
 bright red
 SiLm
 some clay
 OK
 shallow

2.0

18c

0'
 dark red
 SiClm

dark pink
 micaceous
 SalM
 5% shale

0

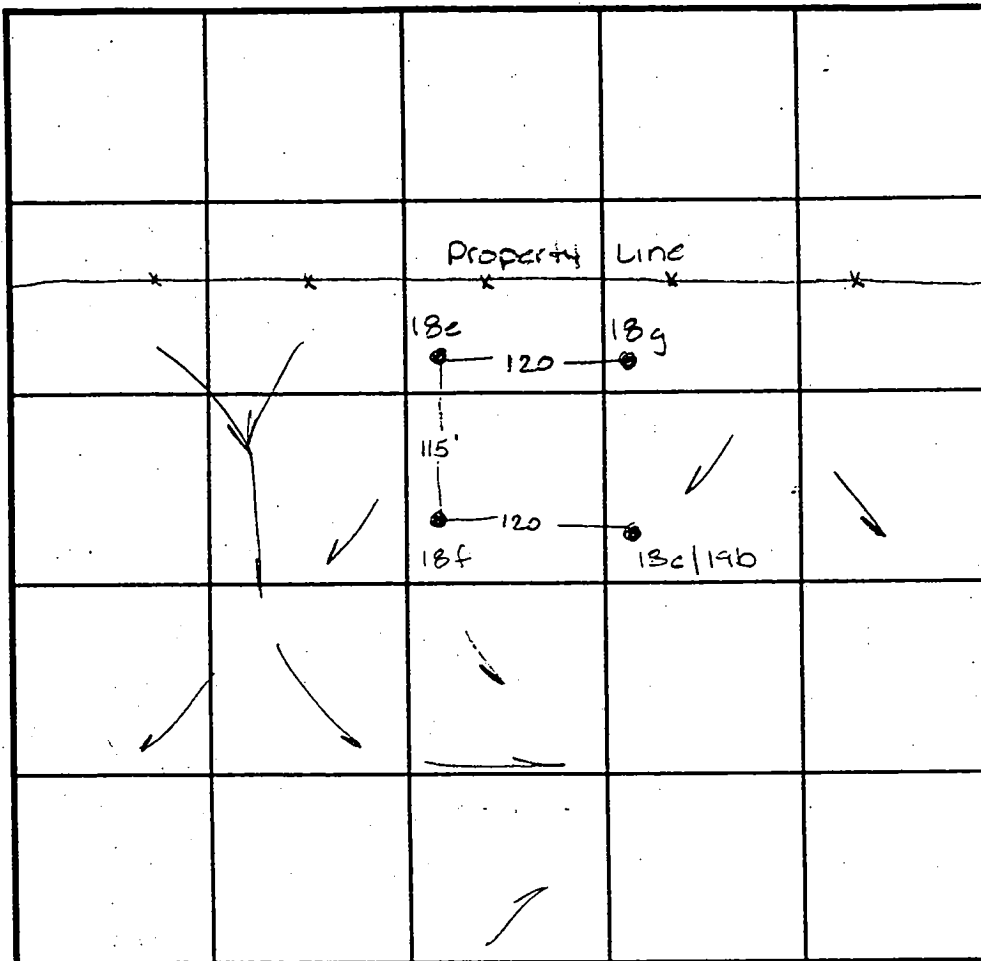
18c/19b

18g

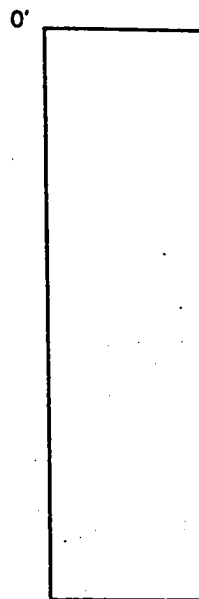
4.0
 dark red
 SiClm

yellow & red
 SalM
 micaceous
 20%
 yellow & red
 saprolite

12.0



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	18f	4.5 V12.0	10:06	10:09	10:09	10:13	4min
	18c	Visual	to 12.0 - see profile		—		OK
	18g	4.0 V12.0	11:19	11:20	11:20	11:22	2min
		8.5 V112.0	11:18	11:20	11:20	11:22	2min
	18c/19b	4.5 V11.5	11:26	11:30	11:30	11:37	7min

REMARKS _____

TYPE OF SOIL _____

TESTED BY A McMillan ALSO PRESENT Ketherman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH 5.5 SQ. FT./BEDROOM _____

SP-00-02 +
2/2/00

E 1333250

CgC2 (B)
N 599500

CgB2 (B)
CgC2 (B)

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

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.

15
48,582 sq. ft.

16
47,548 sq. ft.

17
49,159 sq. ft.

18
54,903 sq. ft.

19
52,149 sq. ft.

20
47,262 sq. ft.

PUBLIC DRAINAGE & UTILITY EASEMENT

14

566.0

L=76

573.0

20c/21b

21c/22b

22c/23b

23c/24b

133'

L=24'

L=76

PC = 7+64.23

PT = 8+23.28

TRANSITION STA. 8+97.70

TRANSITION STA. 9+27.70

DRAINAGE

END PAYMENT

TRANSITION STA. 9+27.70

TRANSITION STA. 9+27.70

560

15d\16a

H.O. PRESERVATION

PRESERVATION

GRANT

PUBLIC DRAINAGE & UTILITY EASEMENT

Public n.

5.24

L=66

95'

251'

112'

566.0

12+00

13+00

14+00

15+00

16+00

17+00

18+00

19+00

20+00

21+00

22+00

23+00

24+00

25+00

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221+00

222+00

223+00

224+00

225+00

226+00

227+00

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247+00

248+00

249+00

250+00

251+00

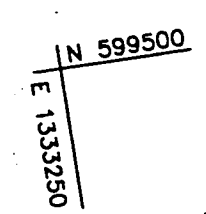
252+00

253+00

254+00

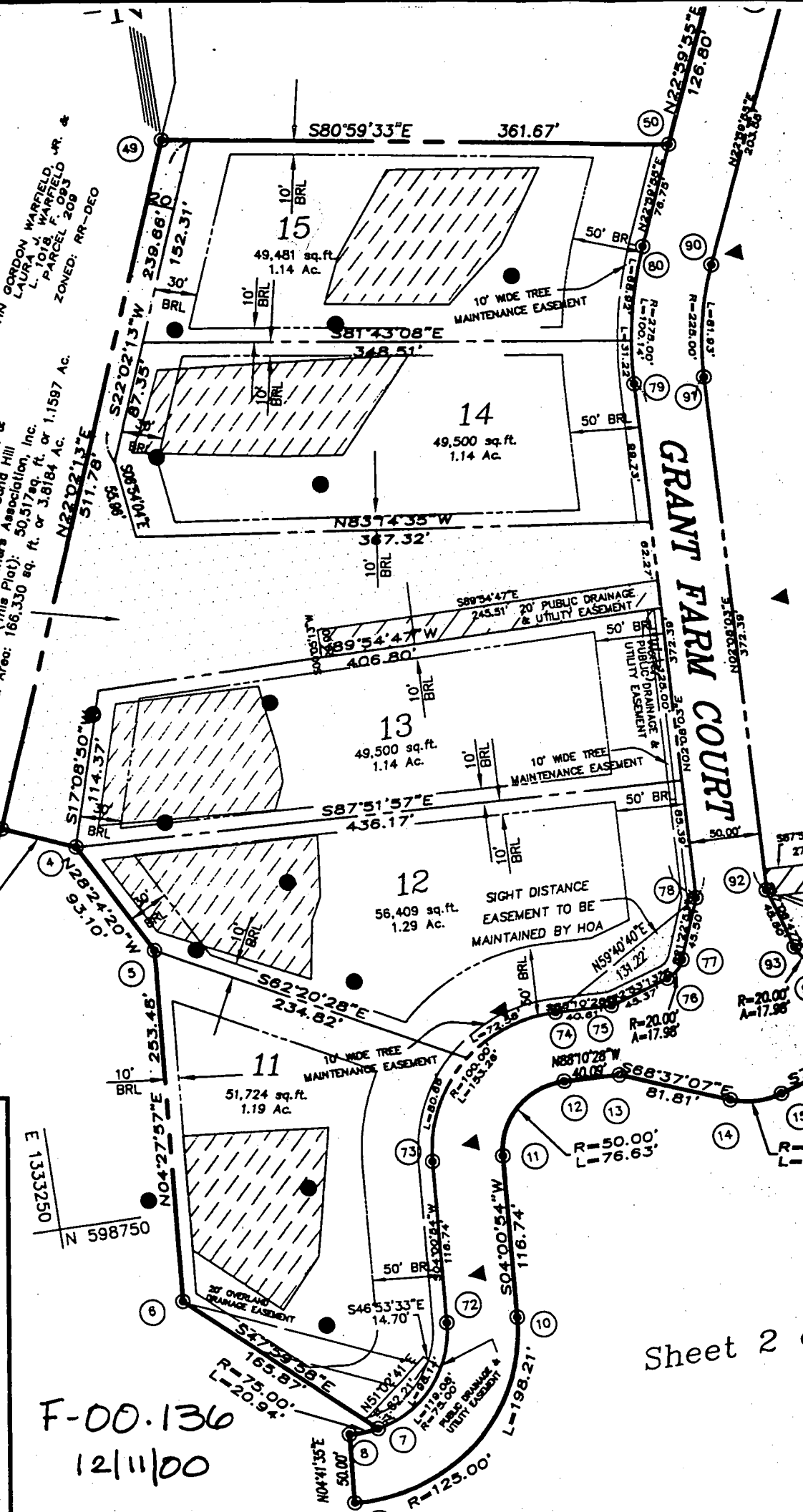
255+00

- 1333802.3506
- 1333738.7281
- 1333774.9637
- 1333870.8998
- 1333918.3839
- 1333971.5723
- 1333445.6542
- 1333802.8658
- 1333852.4094
- 1333867.5189
- 1333879.4140
- 1333928.7974
- 1333945.4195
- 1334076.4121
- 1334121.2953
- 1334239.0982
- 1334253.1260
- 1334405.8271
- 1334435.8068
- 1334513.0179
- 1334659.3356
- 1334707.7145
- 1334518.2005
- 1334430.2347
- 1334389.9321
- 1334135.8715
- 1334116.3118
- 1334368.7546
- 1334346.8258
- 1333512.9583
- 1333521.1323
- 1333624.0723
- 1333664.6569
- 1333708.0170
- 1333720.7554
- 1333737.3439
- 1333751.2116
- 1333772.8793
- 1334408.5205
- 1334392.6207
- 1334239.9197
- 1334207.1882
- 1334089.3853
- 1334070.1496
- 1333939.1570
- 1333916.2382
- 1333898.4352
- 1333818.9050
- 1333801.1770
- 1333787.3092
- 1333800.6982
- 1333812.5214
- 1333865.8253
- 1333919.6580
- 1333980.4449
- 1334355.6984
- 1334409.7757



PRESERVATION PARCEL 'A'
 (NON-BUILDABLE)
 Owner: Oak Hill Properties LLC
 Easement Holders: Howard County, MD, & Homeowners Association, Inc.
 Partial Area (This Plot): 50,517 sq. ft. or 1.1597 Ac.
 Total Area: 166,330 sq. ft. or 3.8184 Ac.

JOHN GORDON WARFIELD, JR. & L. L. LARA, JR. PARCEL 208
 ZONED: RR-DEO



REGULATION

- PARCELS - 17
- Area - 1
- Parcel - 0
- Retention Parcel - 2
- DR PARCELS - 22.8350 Ac.
- 68 Ac.
- Area - 5.7791 Ac.
- Retention Parcels:
- Preservation Parcel A - 1.1501 Ac.
- Preservation Parcel B - 0.5690 Ac.
- Off-Way - 3.3172 Ac.
- 1.5598 Ac.
- 0.145 Ac.
- 0.9 Ac.

F-00.136
 12/11/00

Sheet 2

FILE INQUIRY FORM

10⁰⁸ Property Address: _____

12/23/03 Called Moshiad ^{of Miller & Associates} and left message with her that the proposal to change the location of the septic easement for lot 15 2113 Grant Farm Court ~~at~~ ~~Smith~~ (The Estates @ Sundhill) requires a complete new perc application and testing. (FA)

12/24/03 Discussed changed in location of septic easement for this lot and found per holes for this area acceptable for approving the change. (see copy from Moshiad ~~dated~~ on this date) (FA)

2/2/04 Called Mr. Kam Pagar and ~~told~~ ^{asked} him to verify that his letter ~~indicates that the house~~ indicates that the house will be moved. He told me that ~~the~~ the letter was for the change in the septic easement. I told him that I needed a ~~new~~ revised letter ~~to~~ to indicate this. (FA)

2/4/04 Revised letter received from (C. Hill (Mr. Kam Pagar)) & approved. (FA)



Howard County
Health Department

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

June 29, 2004

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 # 15
2113 Grant Farm Court
Marriottsville, MD 21104
BP# B00139778
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 6/28/2004.**

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, R. S.
Well & Septic Program

mlb
cc: Building Inspector's Office
File