

LAYOUT 4/24/02 1:00 INSP 4 4/24/02 PM
 INSP 2 4/25/02 2:30 INSP 5 7/12/02 10:00
 INSP 3 4/26/02 Anytime INSP 6 _____

ISSUE DATE: 4/22/02
 APPROVAL DATE: 7/12/02

**PERMIT
INDEXED**

P 516944
35-N
 A 5114

RPS#
03-334481

**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 Road PHONE NUMBER: 410-795-5670
 SUBDIVISION: The Estates @ Sandhill LOT NUMBER: 14
 ADDRESS: 2109 Grant Farm Court PROPERTY OWNER: Oak Hill Property
 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

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 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box near upper left easement corner stakes. Install three 80 foot trenches on contour towards right lot line.
NOTES:	

PLANS APPROVED: Brian Baker 4/22/02 O.K. (BB) DATE: 2/26/2002

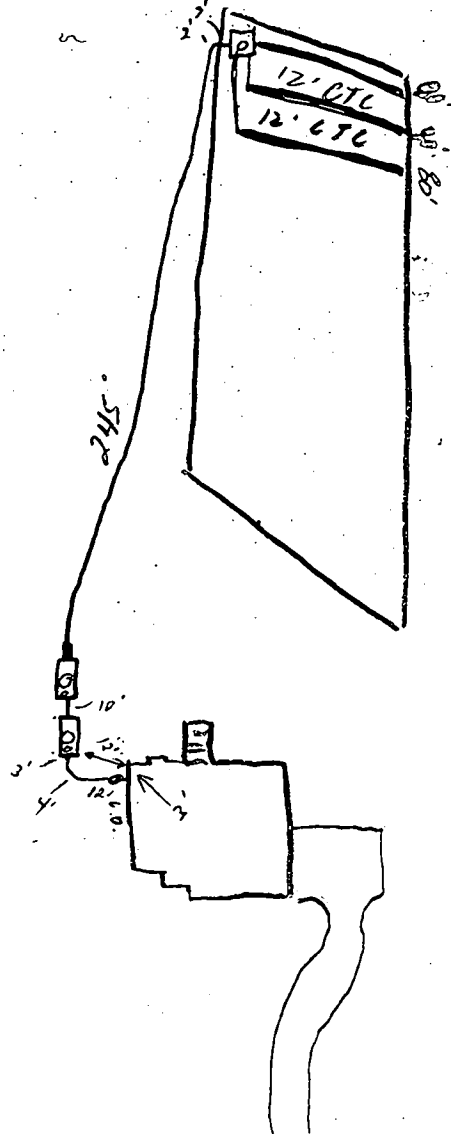
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND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

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM BUILDING PERMIT SIGNED RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT AND RETURNED CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

11-12-04 800151124 - FINISH BASEMENT
 5-18-05 800153850 - DECK

A511435-N

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		7200
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	—
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	—
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—

PRE-CONSTRUCTION 4/24/02 - House conn & tank location moved, no effect.
 Trench layout per B.P. (SU)

INSTALLATION 4/25/02 Tanks set, ok to cover (SU) 4/26/02 1st trench installed
 4/26/02 2nd Trench installed ok to cover (SU)
 4/29/02 ok to cover all work (SU) Pump & Alarm test needed (SU)
 7/12/02 Alarm OK Pump not working 7/12/02 Replaced pump
 Pump test OK (SU)

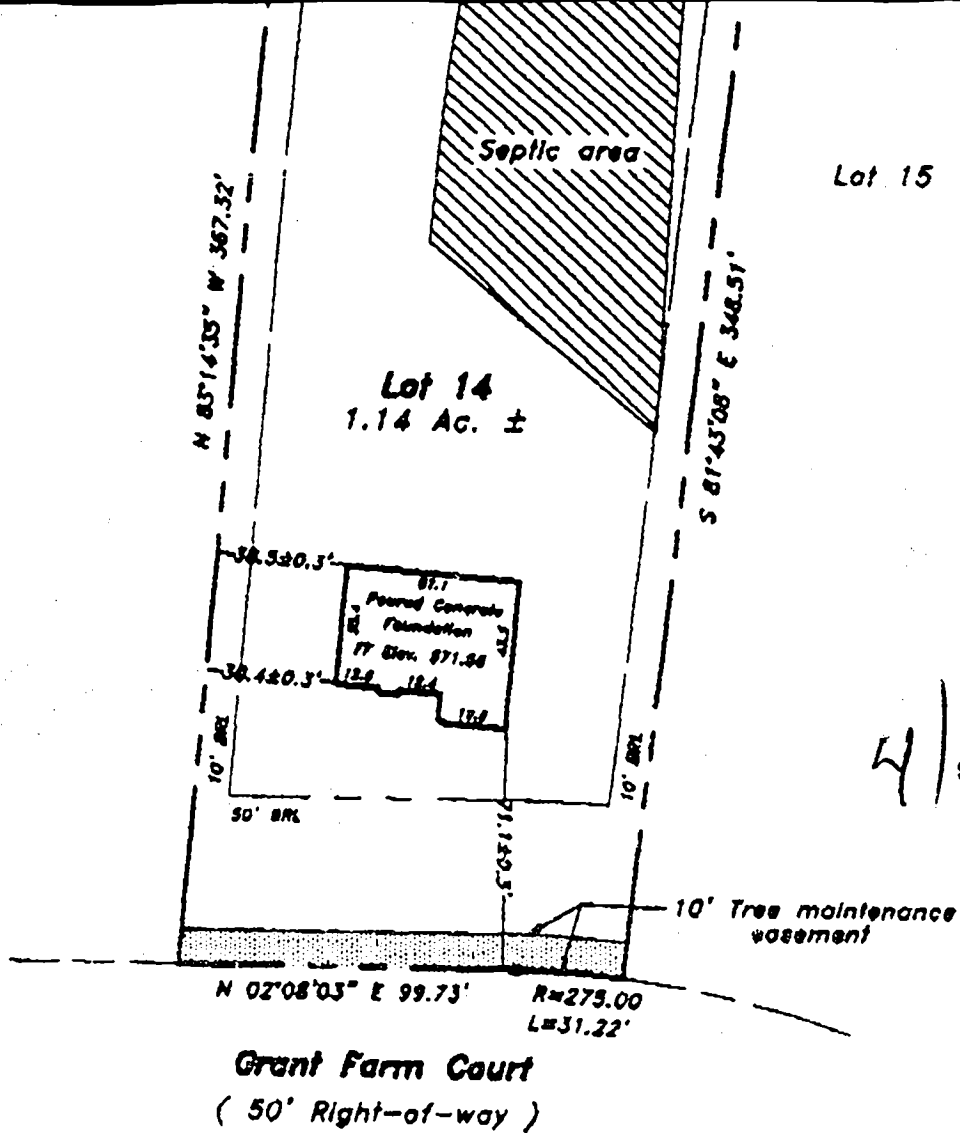
FINAL INSPECTOR

DATE OF APPROVAL

APPROVED
 7/12/02

BUILDING PERMIT SIGNED

APPROVED



Lot 15

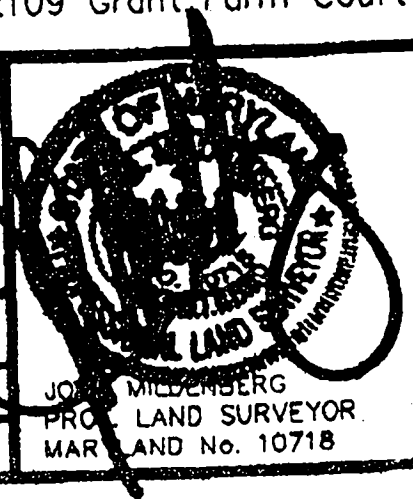
4/22/02
 Wall
 Check
 J.K.
 BB

Lot 14
 The Estates at Sand Hill
 Plat No. 14582
 Election district No. 3
 Howard County, Maryland

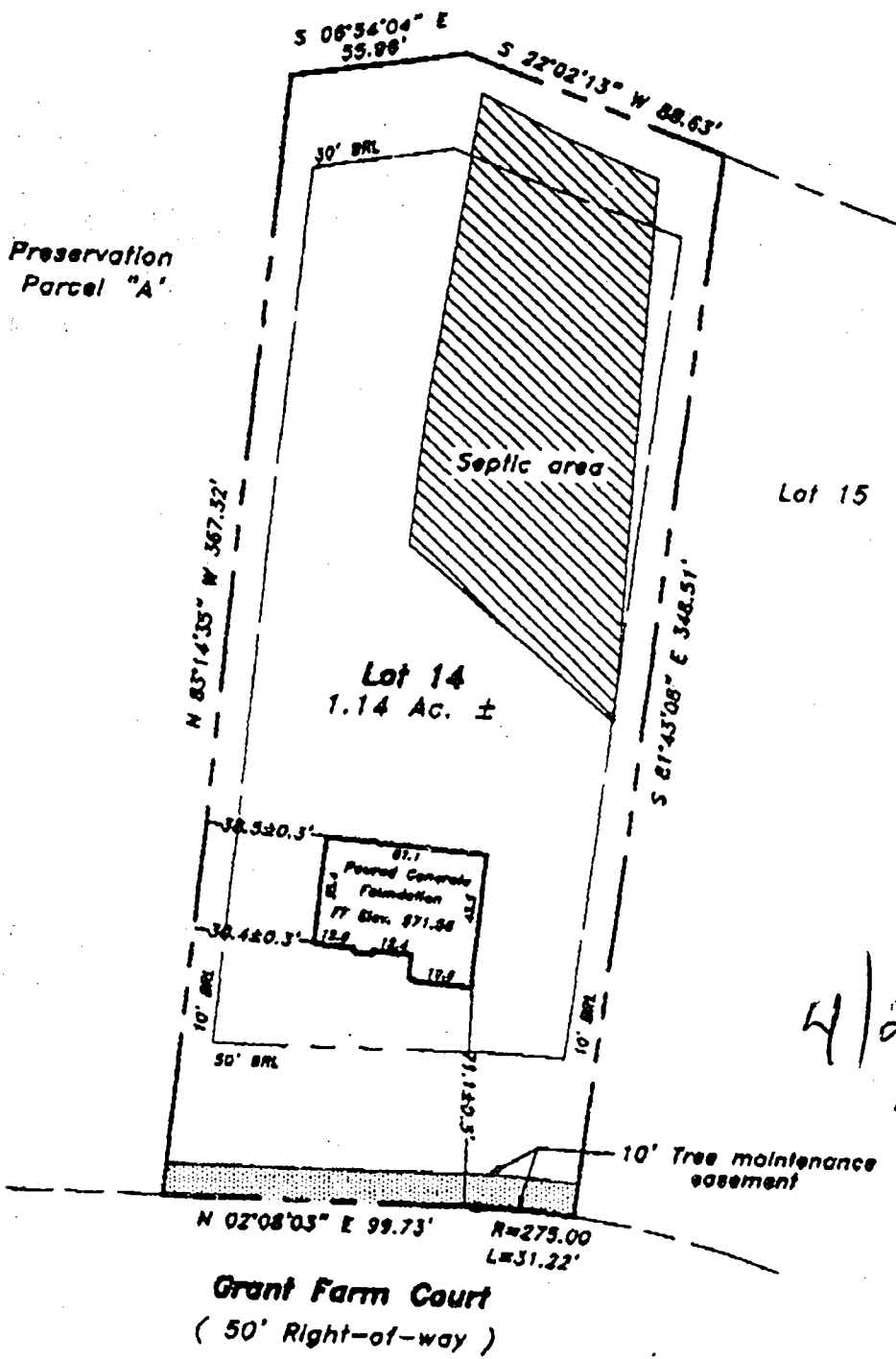
Address No.: 2109 Grant Farm Court

MILDENBERG BOENDER, & ASSOC., INC.

Engineers Planners Surveyors
 6078 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 987-0298 Balt. (301) 681-6521 Wash. (410) 987-0298 Fed.



FOUNDATION	DATE: 04/10/02	FINAL	DATE:
DRAWN BY: JLM	SCALE: 1" = 60'		
PROJECT NO.: 2000-064	LOCATION DRAWING		



4/22/02
 Wall
 Check
 J.K.
 BB

Lot 14
 The Estates at Sand Hill
 Plat No. 14582
 Election district No. 3
 Howard County, Maryland

Address No.: 2109 Grant Farm Court



HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health
3525-H Ellicott Mills Drive, Ellicott City, Maryland 21043-4544
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

Penny E. Borenstein, M.D., M.P.H., Acting County Health Officer

July 19, 2002

Oak Hill Properties, LLC
107 Loudon Street, S.E.
Leesburg, VA 20175-3106

RE: The Estates @ Sandhill, Lot #14
2109 Grant Farm Court
BP# B00134274
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 July 12, 2002.**

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

Brian Baker,
Registered Environmental Sanitarian
Well & Septic Program

SRK

cc: Building Inspector's Office
File

JOHN GORDON WARFIELD, JR. &
 LAURA J. WARFIELD
 L. 1018, F. 093
 PARCEL 209

ZONED: RR-DE 600

Total linear feet of trench required **240** feet

Width of trench **3'** wide

Depth of trench(es) **5.5** feet

Depth of stone required below distribution pipe **2.0** feet

HOA PRESERVATION

PARCEL 'A'

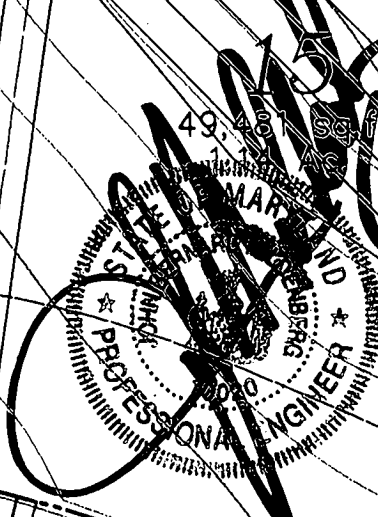
NON-BUILDABLE

ADJUST TANK LOCATIONS TO REDUCE COVER TO 3' MAX.

14
 49,500 sq. ft.
 1.14 AC

Approved Septic System Plan
 Howard County Health Department

Mark A. ...
 Signature
 4/10/02
 Date



16
 47,755 sq. ft.
 1.10 AC

FIRST FLOOR EL.	=	570.00
INV. OUT OF HOUSE	=	565.20
INV. IN SEPTIC TANK	=	565.00
INV. OUT OF SEPTIC TANK	=	564.75
EXIST. EL. AT SEPTIC TANK	=	569.00
PROP. EL. AT SEPTIC TANK	=	568.00
INV. IN PUMP PIT	=	564.65
EXIST. EL. AT DIST. BOX	=	577.50
INV. IN DIST. BOX	=	574.50

000194274
 REVERSE
 Date: 4-10-02

Comments: Elevation change

G.P. # 02-07
 PLAT # 14580-14585
 NO GRAVITY SERVICE TO BASEMENT

THE ESTATES AT SAND HILL
 PLOT PLAN LOT # 14
 2109 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: FEBRUARY 4, 2002

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0296 Ball (301) 621-5521 Wash (410) 997-0296 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:

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

17e 13e

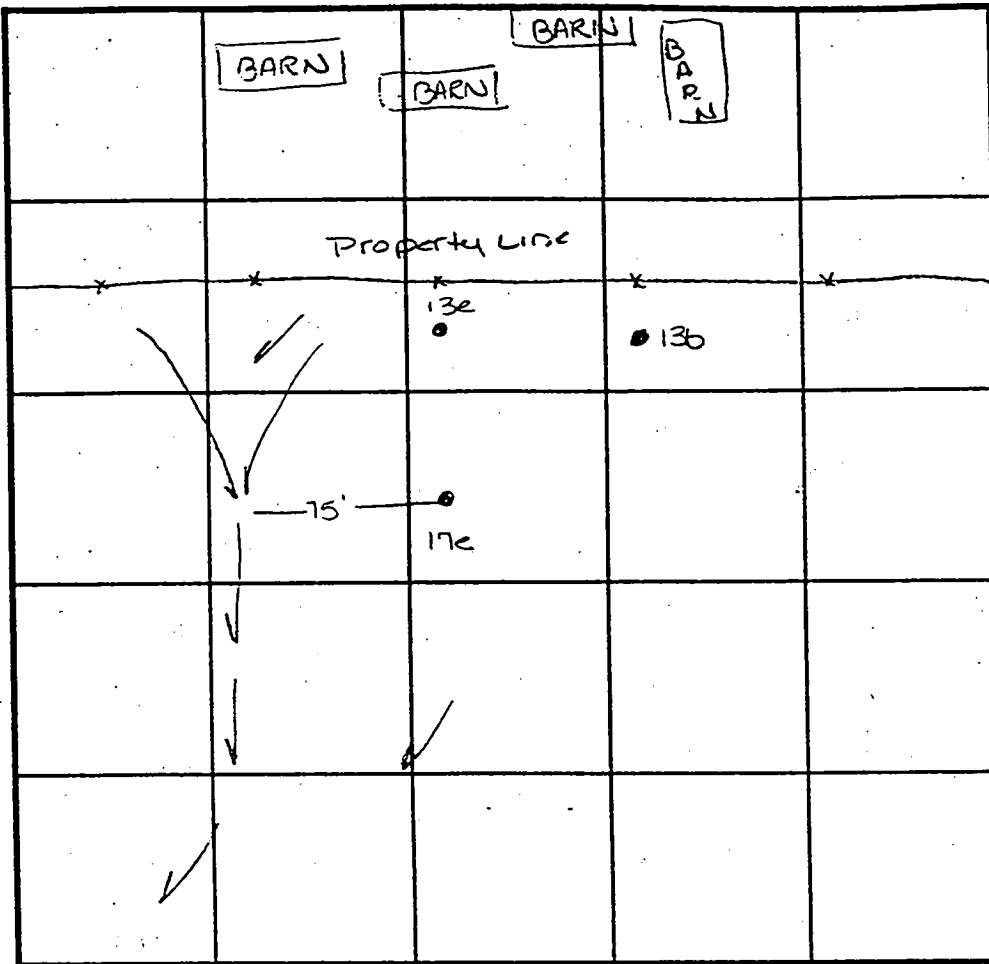
heavy red silclm

dark red to pink silclm micaceous 20% shale dry

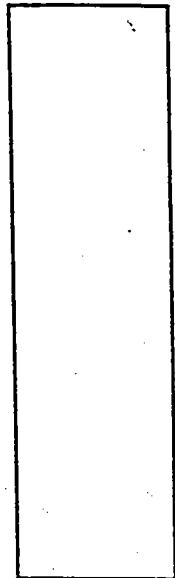
13b

dark red brown silclm

dark red silclm micaceous w/ pockets of decayed feldspar



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-7-99	17e	4.0 VII.0	3:21	3:23	3:23	3:25	2mn
	13b	4.5 VII.0	3:25	3:27	3:27	3:29	2mn
	13e	Visual to 11.5	- see profile		—		OK

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2

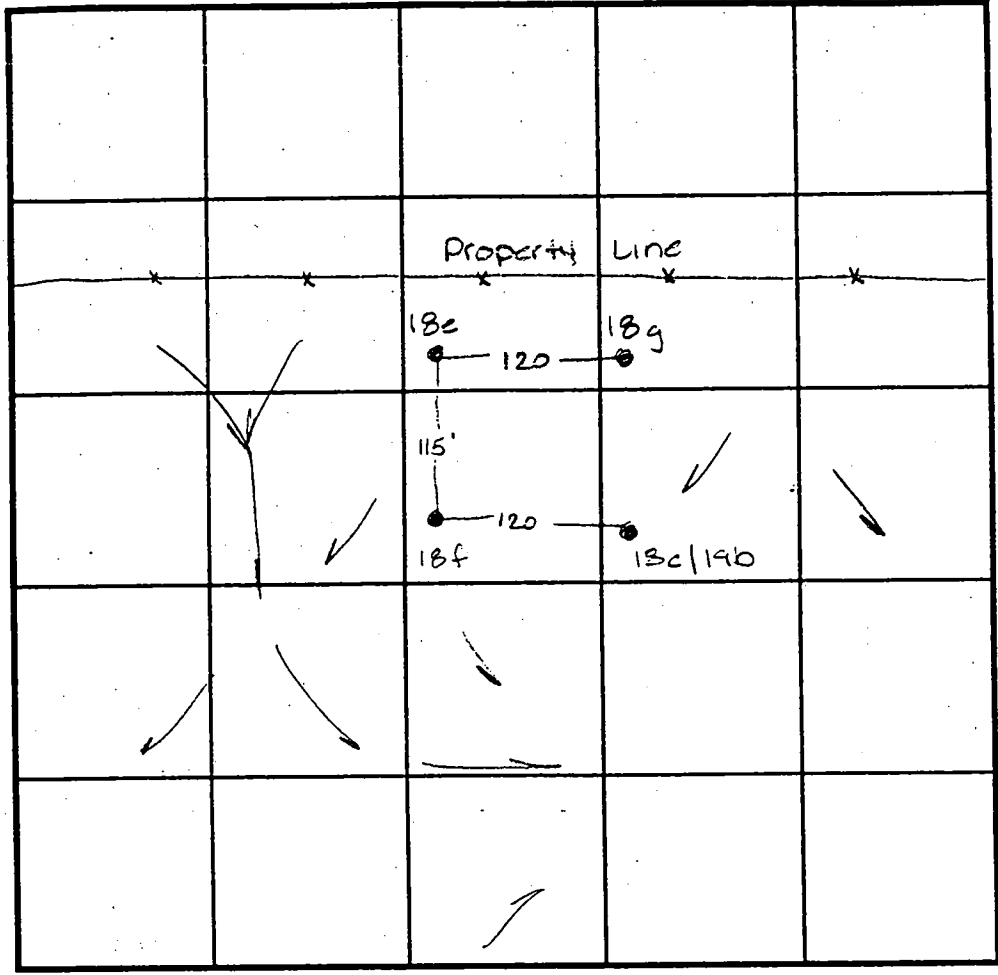
TRENCH WIDTH 3

INLET DEPTH 3.5'

MAXIMUM BOTTOM DEPTH 5.5'

SQ. FT./BEDROOM 180

COUNTY # _____
 SOIL PROFILE
 0' 18f
 bright red silclm
 50' bright red silclm some clay OK shallow



18e
 dark red silclm
 50' dark pink micaceous salm 5% shale

18c/19b
 18g
 dark red silclm
 40' yellow & red salm micaceous 20% yellow & red saprolite
 120'

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
	18e	Visual	to 12.0 - see profile		—		OK
	18g	4.0 V12.0	11:19	11:20	11:20	11:22	2min
		8.5 V12.0	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 McMillen ALSO PRESENT Ketterman
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH 3
 INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.5 SQ. FT./BEDROOM 180

- 1333062.2500
- 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

N 599500
E 1333250

PRESERVATION PARCEL 'A'
(NON-BUILDABLE)

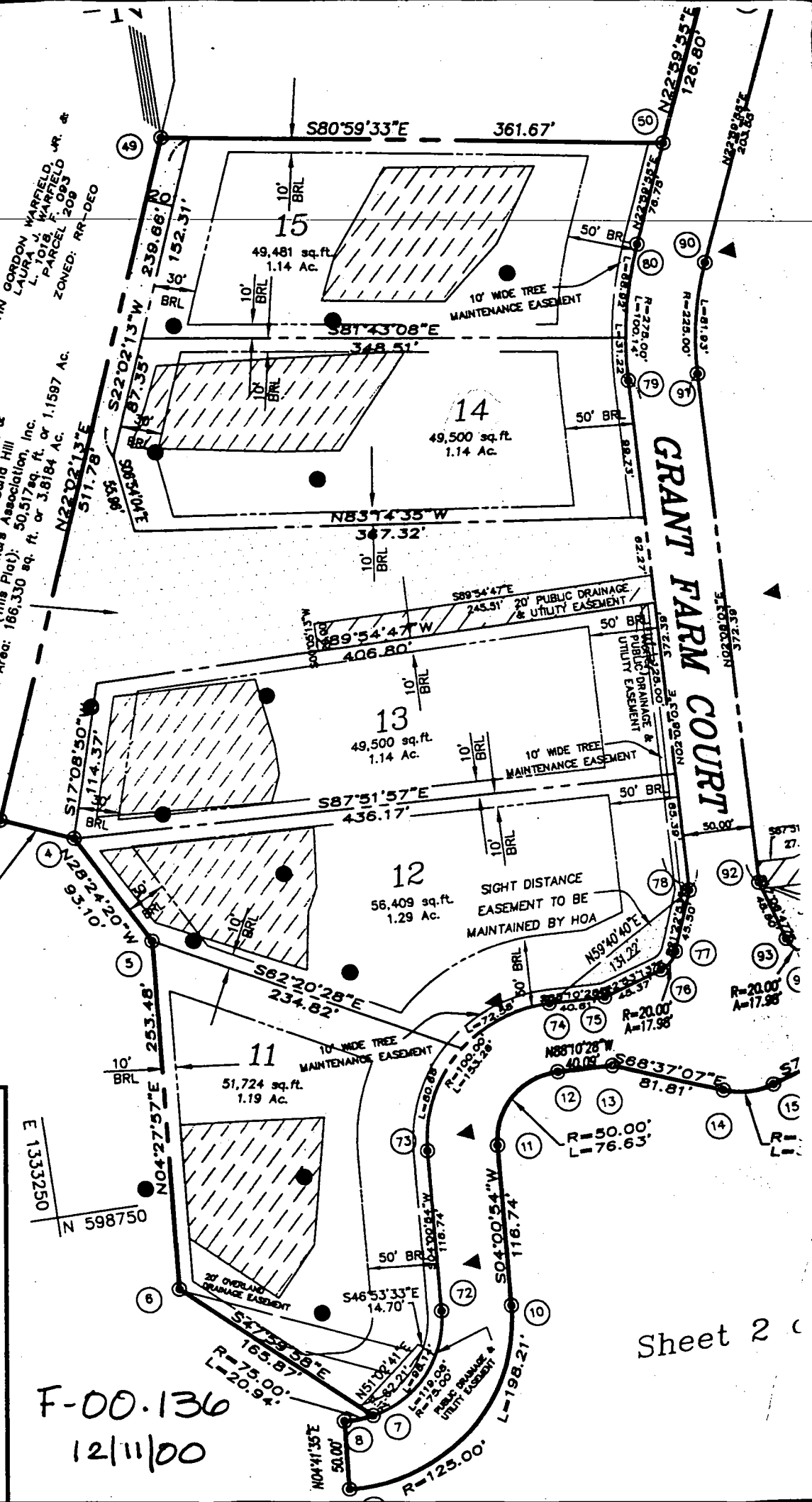
Owner: Oak Hill Properties LLC
 Easement Holders: Howard County, MD & Homeowners Association at Sand Hill
 Pendleton/Harless
 Partial Area (This Plot): 50,517 sq. ft. or 1.1597 Ac.
 Total Area: 166,330 sq. ft. or 3.8184 Ac.

JOHN GORDON WARFIELD, L.AURA J. WARFIELD, JR. & L. TOIB, F. PARCEL 208
 ZONED: RR-DEO

REGULATION

- PARCELS - 17
- Parcel - 1
- Parcel - 0
- tion Parcel - 2
- DR PARCELS - 22.8350 Ac.
- 68 Ac.
- ace - 5.7791 Ac.
- tion Parcels:
- ervation Parcel A - 1.1501 Ac.
- ervation Parcel B - 0.5690 Ac.
- OF-WAY - 3.3172 Ac.
- 1.5598 Ac.
- .0145 Ac.
- .9 Ac.

F-00.136
12/11/00



APPROVED

WALK-THRU BUILDING PERMIT

BP# BDD05/124 A# 511435-N

APP. SAN KJB DATE: 11/12/04

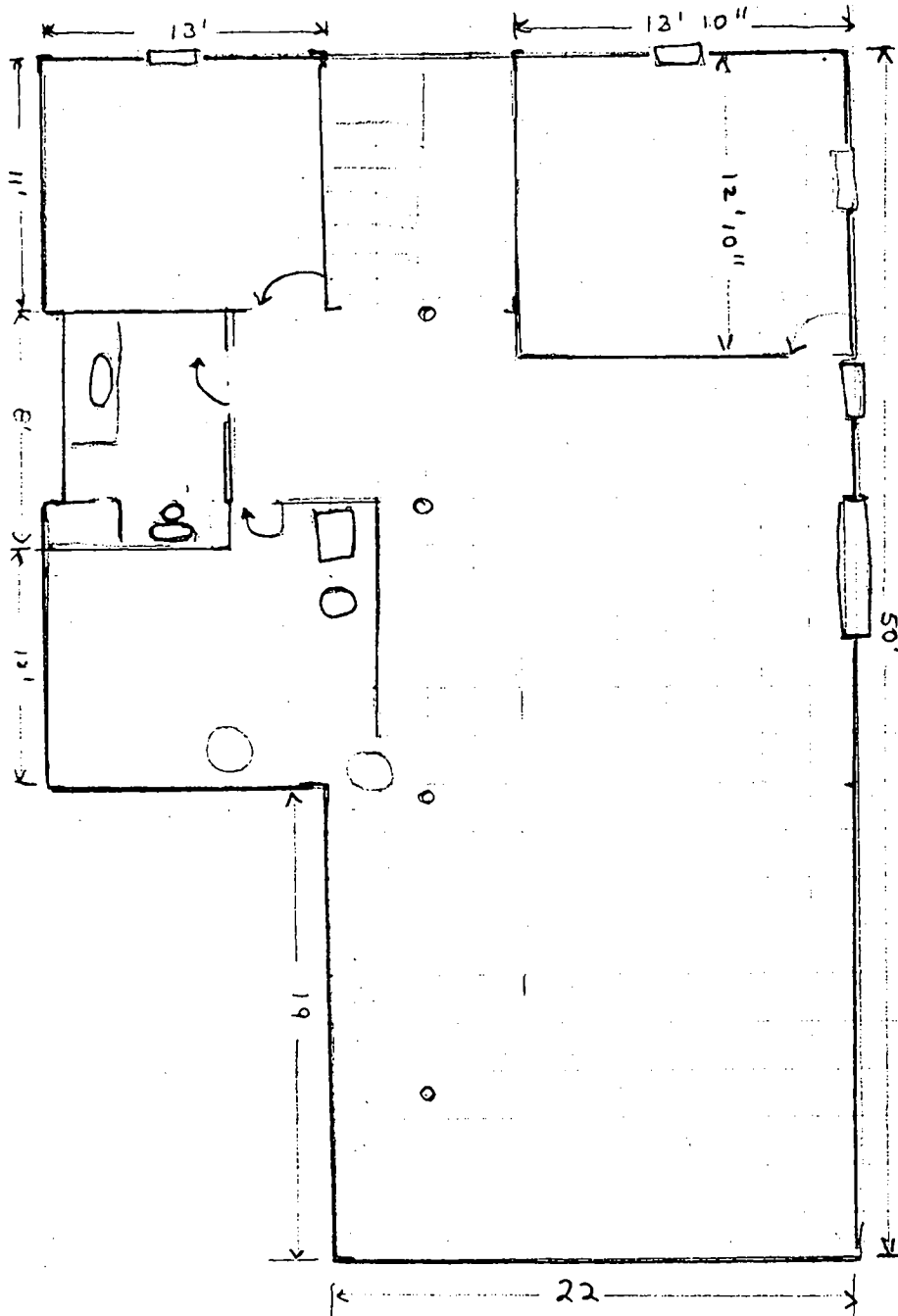
DESC. OF WORK: Finish Basement

1472 sq ft BASEMENT

2109 GRANT FARM CT
MARRIOTTSVILLE

- NO NEW Bedrooms -

1472 SQ FT



1" = 60'



Preservation Parcel "A"

APPROVED

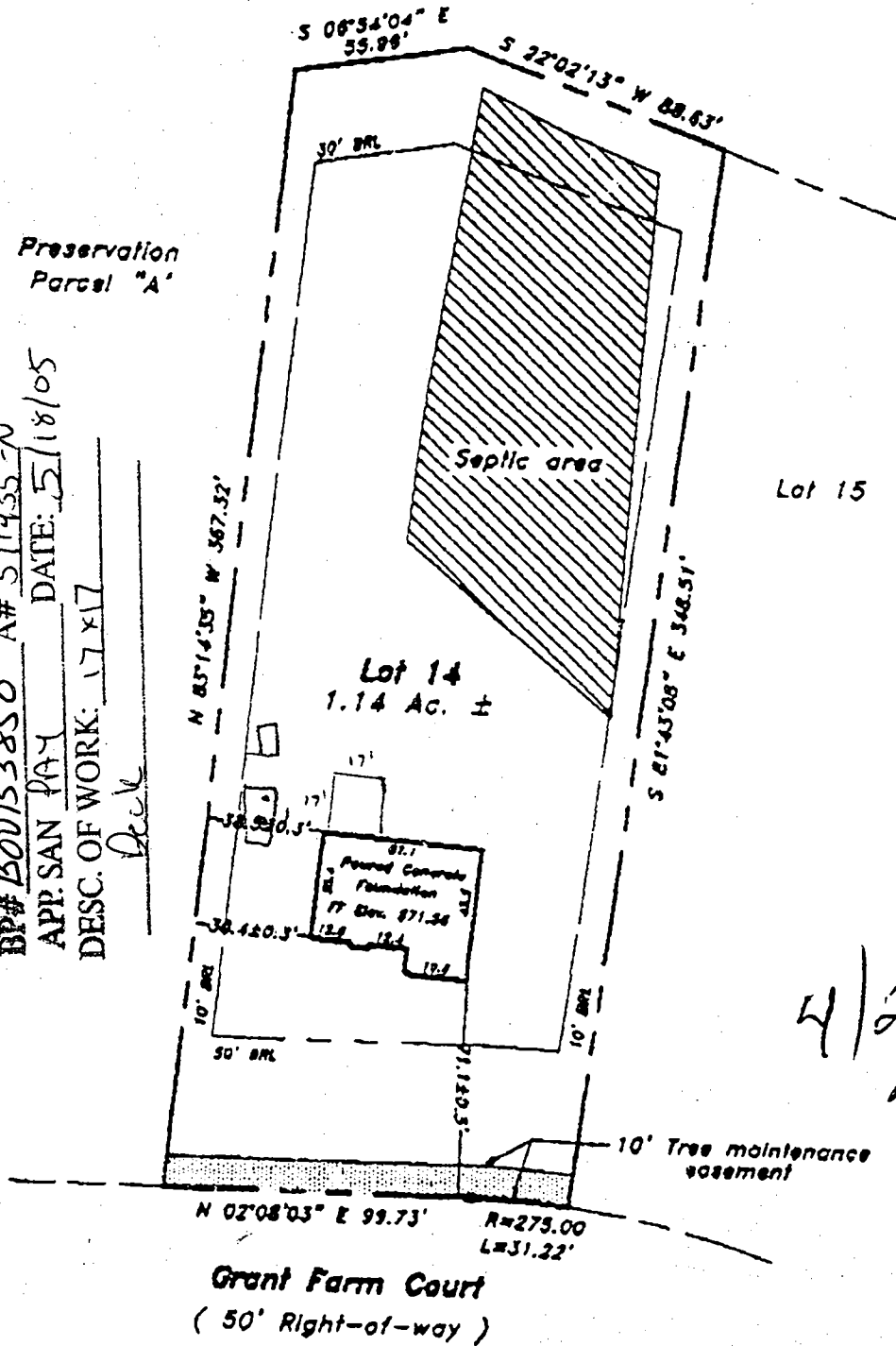
WALK-THRU BUILDING PERMIT

BP# 602153850 A# 511435-N

APP. SAN PAY DATE: 5/18/05

DESC. OF WORK: 17x17 Deck

Deck



4/22/02
 Wall
 Check
 J.K.
 BB

Lot 14
 The Estates at Sand Hill
 Plat No. 14582
 Election district No. 3
 Howard County, Maryland

Address No.: 2109 Grant Farm Court