

LAYOUT 2/12/04 - AM INSP 4 \_\_\_\_\_  
 INSP 2 2/18/04 PM INSP 5 \_\_\_\_\_  
 INSP 3 3/12/04 INSP 6 \_\_\_\_\_

ISSUE DATE: 2/11/2004

P 520054

APPROVAL DATE: 5/11/04

A 511444-X

# PERMIT INDEXED

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH  
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

**03-335100**

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: 70

ADDRESS: 12025 Margaret Court PROPERTY OWNER: Oak Hill Properties, LLC

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250 ~~STR~~ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 199 <sup>3.0</sup> HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet <del>4.0</del> feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade. <sup>1.5</sup> feet of stone below distribution pipe. <sub>2.0</sub>
LOCATION:	Run 20'/30'/40'/50'/59' starting at 576.5 elevation contour, following downslope with other trenches 12' center to center.
NOTES:	

PLANS APPROVED: Frank Alfonso OK/MR DATE: 11/24/03

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**

**BUILDING PERMIT SIGNED  
 AND RETURNED**

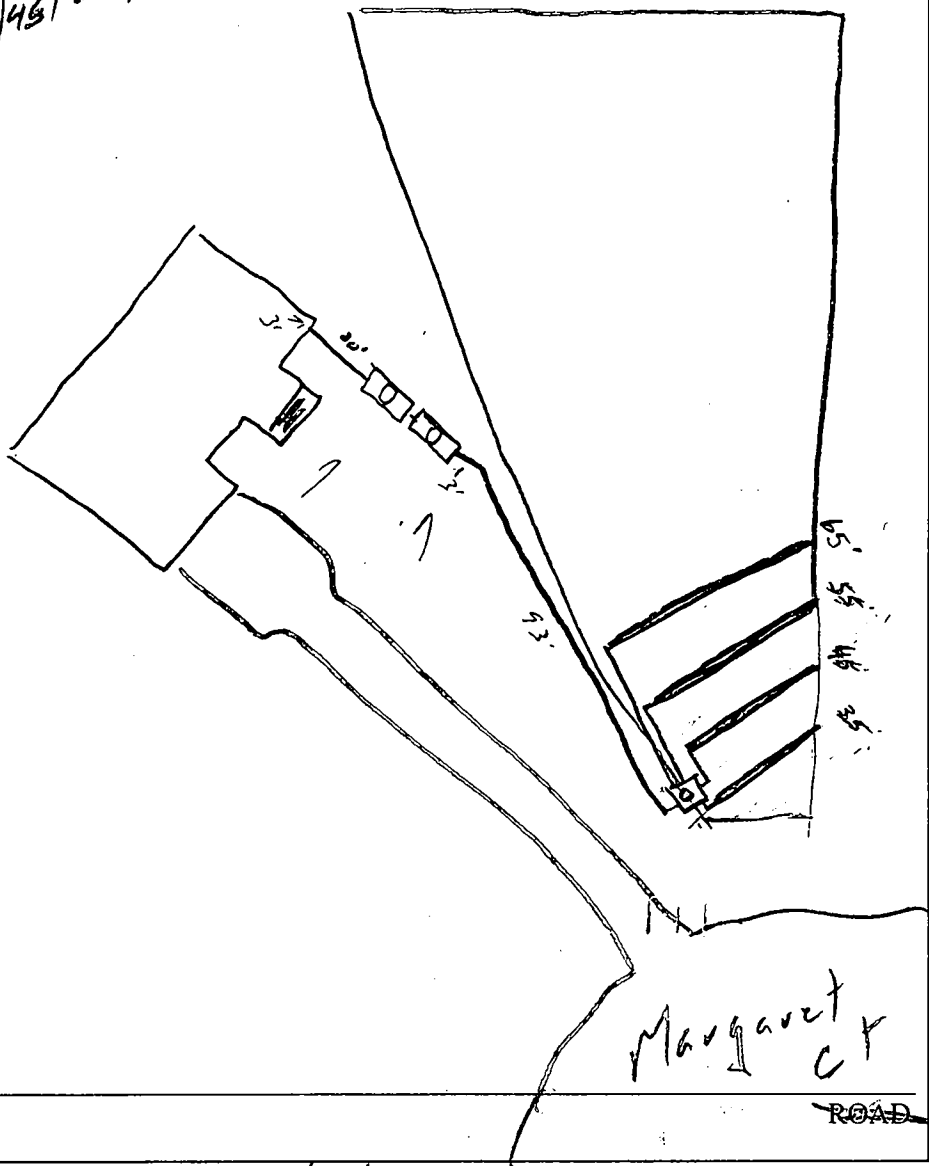
**CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM  
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

6/24/04-800149103-DECK

A 511444-X

NOT TO SCALE

35/45/55/65



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES	4	
TOTAL LENGTH	200	
ABSORPTION AREA	600	
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	6"-2'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL ✓	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	6"-2'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	—
WATERTIGHT TEST	—

Margaret CT

ROAD

PRE-CONSTRUCTION 2/12/04 - SRA missing top two stakes. Building materials in upper SRA have to be removed, replace two top stakes. Install

INSTALLATION per B.P. Tanks set (SO) 2/18/04 - No work (SO)

3/12/04 - 3 trenches installed (SO) 3/12/04 - OK to cover all work. Pump & Alarm tests needed (SO) 5/11/04

Pump & Alarm test OK. (K56)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR K. J. Bell DATE OF APPROVAL 5/11/04



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

May 12, 2004

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

301-473-7143

**SENT VIA FAX TO 703-443-0404**

RE: The Estates @ Sand Hill, Lot # 70  
12025 Margaret Court  
BP# B00145058  
**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 5/11/2004.**

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.

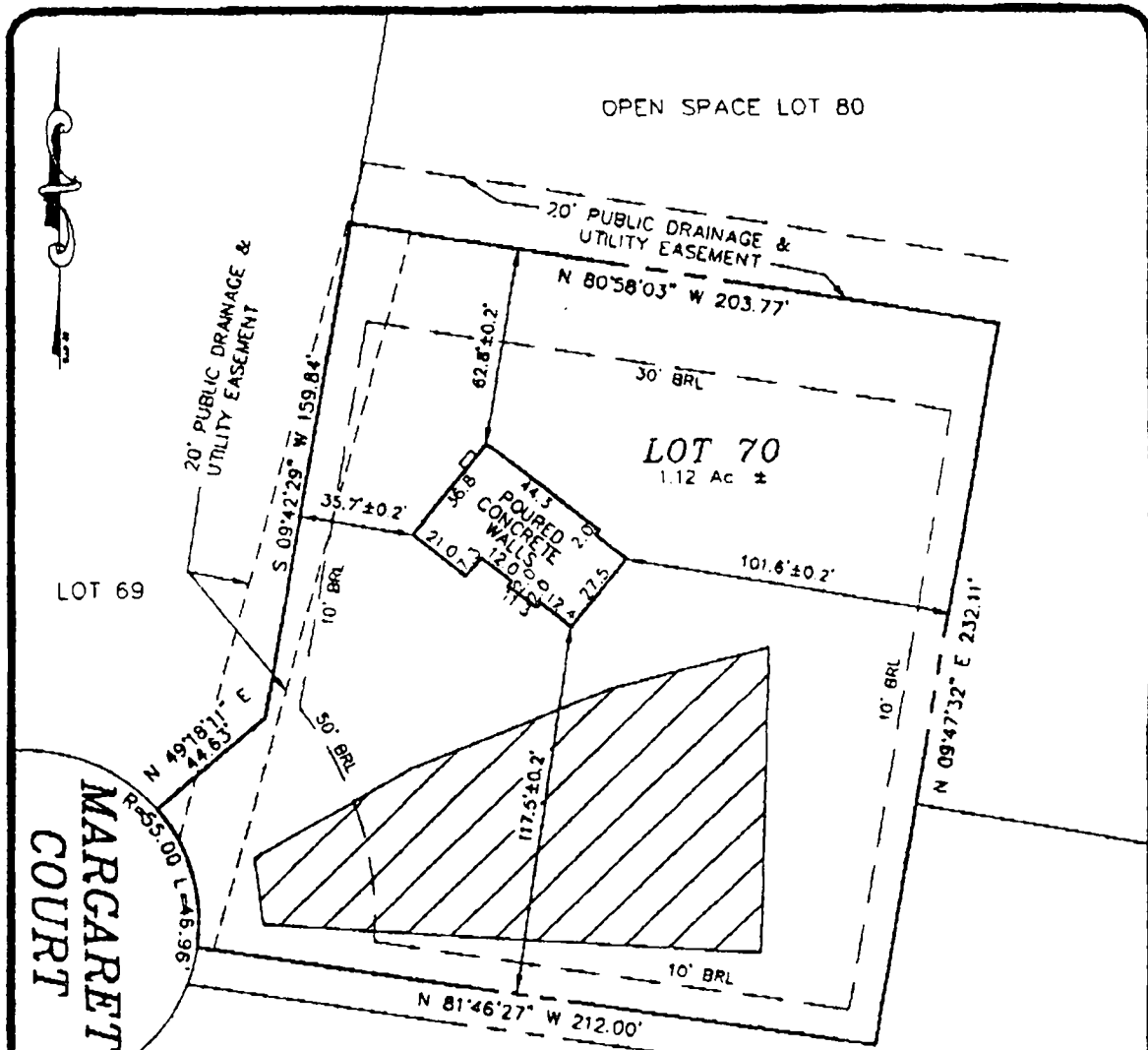
Approving Authority,

*Brian Baker*

Brian Baker, R. S.  
Well & Septic Program

mlb

cc: Building Inspector's Office  
File



MARGARET COURT

FF RAISED ~1.0'  
 WALL CHECK OK LOT 72  
 MR 1/15/03  
 1:60

LOT 70  
**THE ESTATES AT SAND HILL**

TOP OF WALL ELEV = 576.1±0.2'

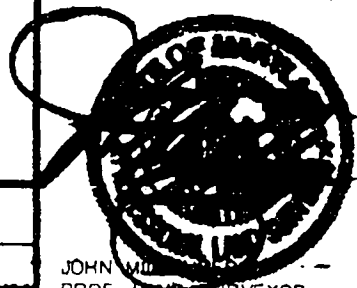
ADDRESS: 12025 MARGARET COURT

PLAT NO. 14585  
 ELECTION DISTRICT NO. 3  
 HOWARD COUNTY, MARYLAND

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.

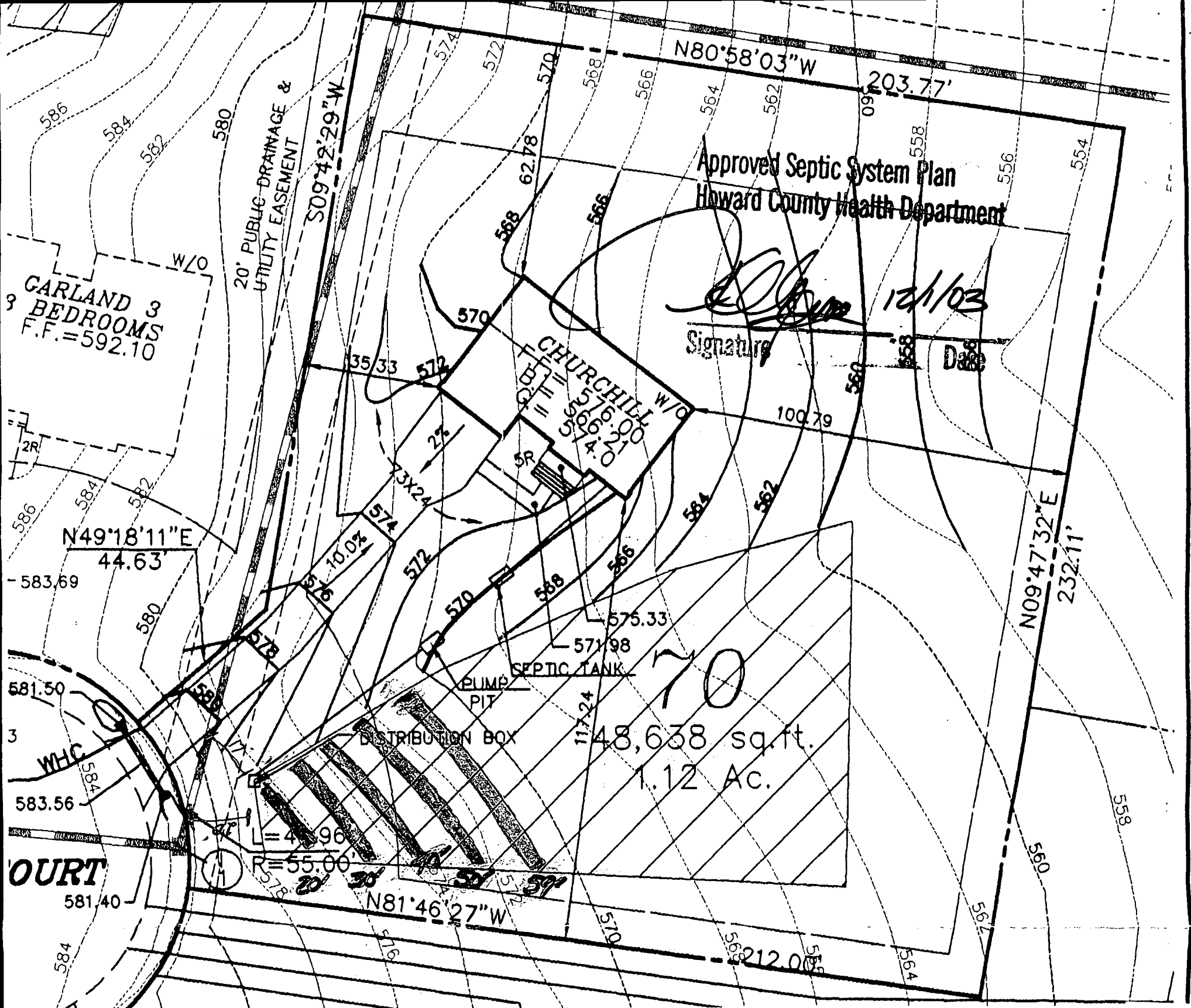
**MILDENBERG BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors  
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
 (410) 997-0296 Ball. (301) 821-5521 Wash. (410) 997-0298 Fax.



FOUNDATION	DATE: 01/13/03	FINAL	DATE:
DRAWN BY...	M.E.S.	SCALE: 1" = 50'	
PROJECT NO.: 00-074	LOCATION DRAWING		

JOHN M. BOENDER  
 PROF. LAND SURVEYOR  
 MARYLAND No. 10718

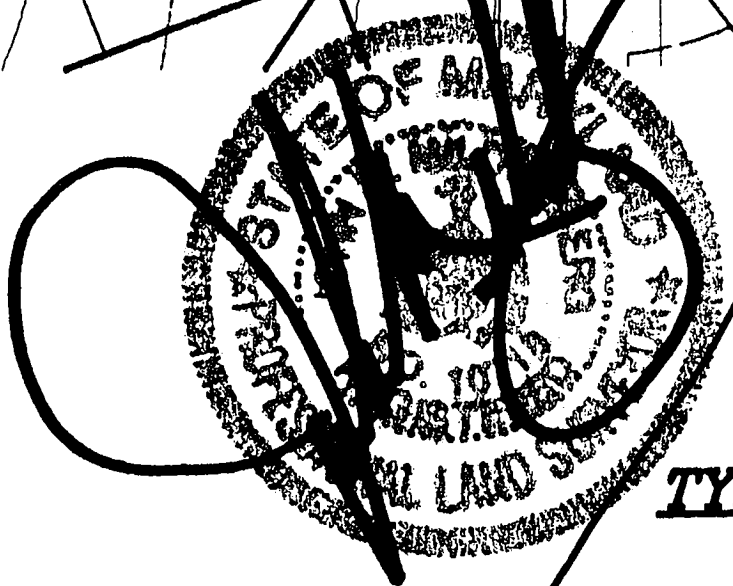


Approved Septic System Plan  
Howard County Health Department

*[Signature]* 12/1/03  
Signature Date

70  
48,638 sq.ft.  
1.12 Ac.

- = 576.00
- = 567.35
- = 566.65
- = 566.40
- = 568.00
- = 570.00
- = 570.00
- = 566.00
- = 576.00
- = 573.00



**TYP1**

ENLARGED 167<sup>90</sup> TO 1:30 SCALE  
EA 12/1/03

FIRST FLOOR EL.	= 576.00
INV.OUT OF HOUSE	= 567.35
INV.IN SEPTIC TANK	= 566.65
INV.OUT OF SEPTIC TANK	= 566.40
EXIST. EL. AT SEPTIC TANK	= 568.00
PROP. EL. AT SEPTIC TANK	= 570.00
PROP. EL. AT PUMP PIT	= 570.00
INV.IN PUMP PIT	= 566.00
EXIST EL. AT DIST. BOX	= 576.00
INV.IN DIST. BOX.	= 573.00

G.P.# 02-14

PLAT # 14580-14585

NO GRAVITY

NO GRAVITY SEWER TO BASEMENT

THE ESTATES AT SAND HILL  
 LOT # 70  
 MARGARET COURT  
 TAX MAP: 16 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' DATE: OCTOBER 28, 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:

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  
Oak Hill Properties, LLC

COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. 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  
82e

dark brown silty  
4.0 white & orange mottled silty  
decayed micaceous feldspar  
H<sub>2</sub>O??

82h

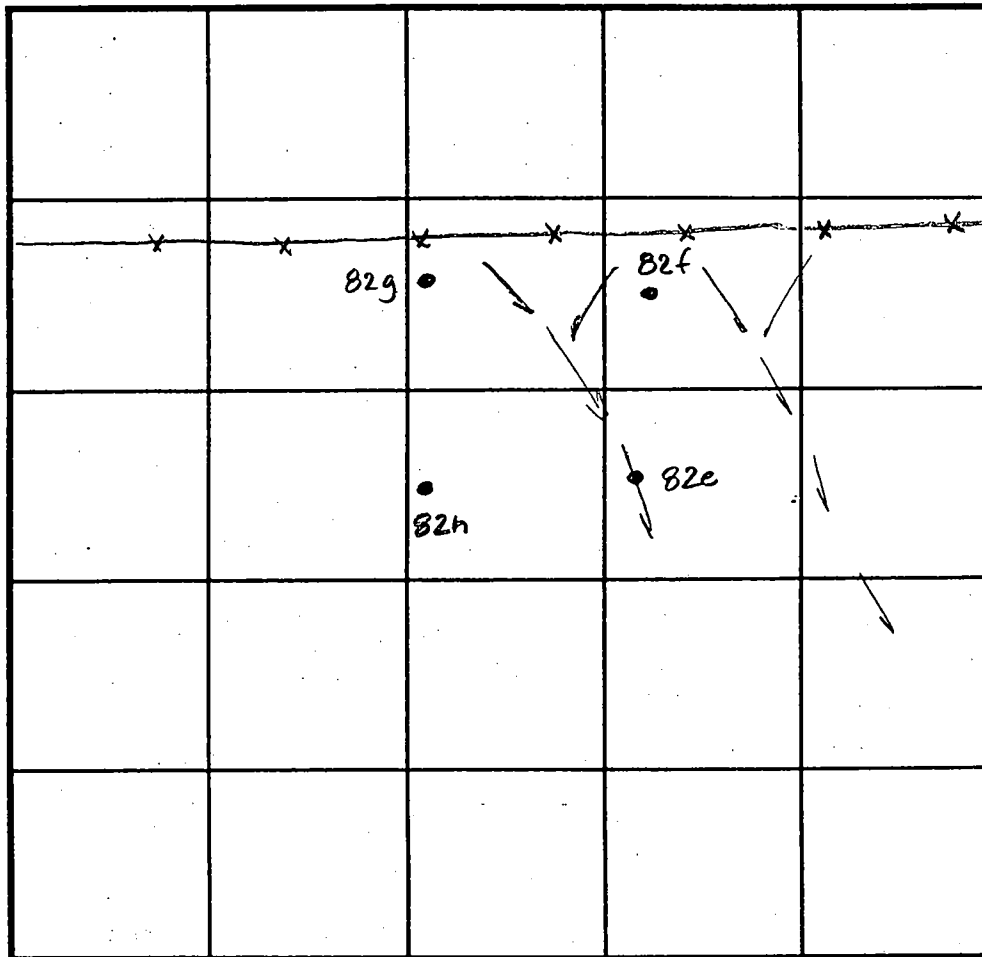
red brown silty  
4.0 red brown silty  
Very micaceous  
15% shale frags  
DRY

82g

red brown silty  
4.0 white silty  
decayed feldspar  
20% micaceous

SOIL PROFILE  
82f

no distinct clay layer  
30% shale  
micaceous



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-14-99	82e	4.0 / 7.0	11:55	11:57	11:57	11:59	2min
	82h	4.0 / 12.0	12:01	12:02	12:02	12:05	3min
	82g	4.0 / 7.0	12:10	12:11	12:11	12:13	2min
		7.5 / 7.0	12:10	12:12	12:12	12:14	2min
	82f	Visual	to 12.0' - see profile		—		OK

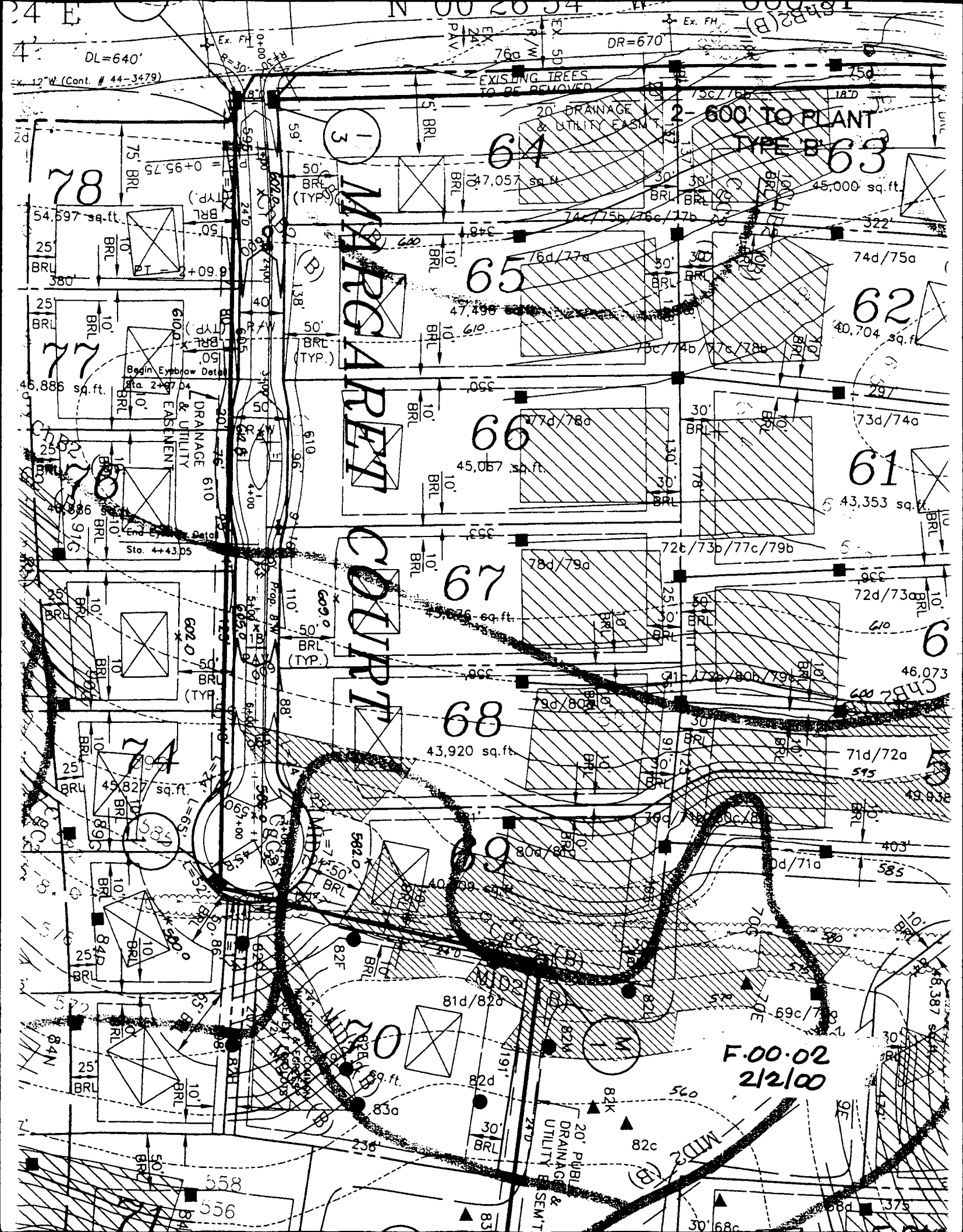
REMARKS \_\_\_\_\_

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 \_\_\_\_\_



DL=640'

12" W (Cont. # 44-3479)

DR=670

EXISTING TREES TO BE REMOVED

20' DRAINAGE & UTILITY EASEMENT

2- 600 TO PLANT TYPE B-63

MARCARETTI DRIVE

DRIVEWAY

F.00.02  
2/2/00

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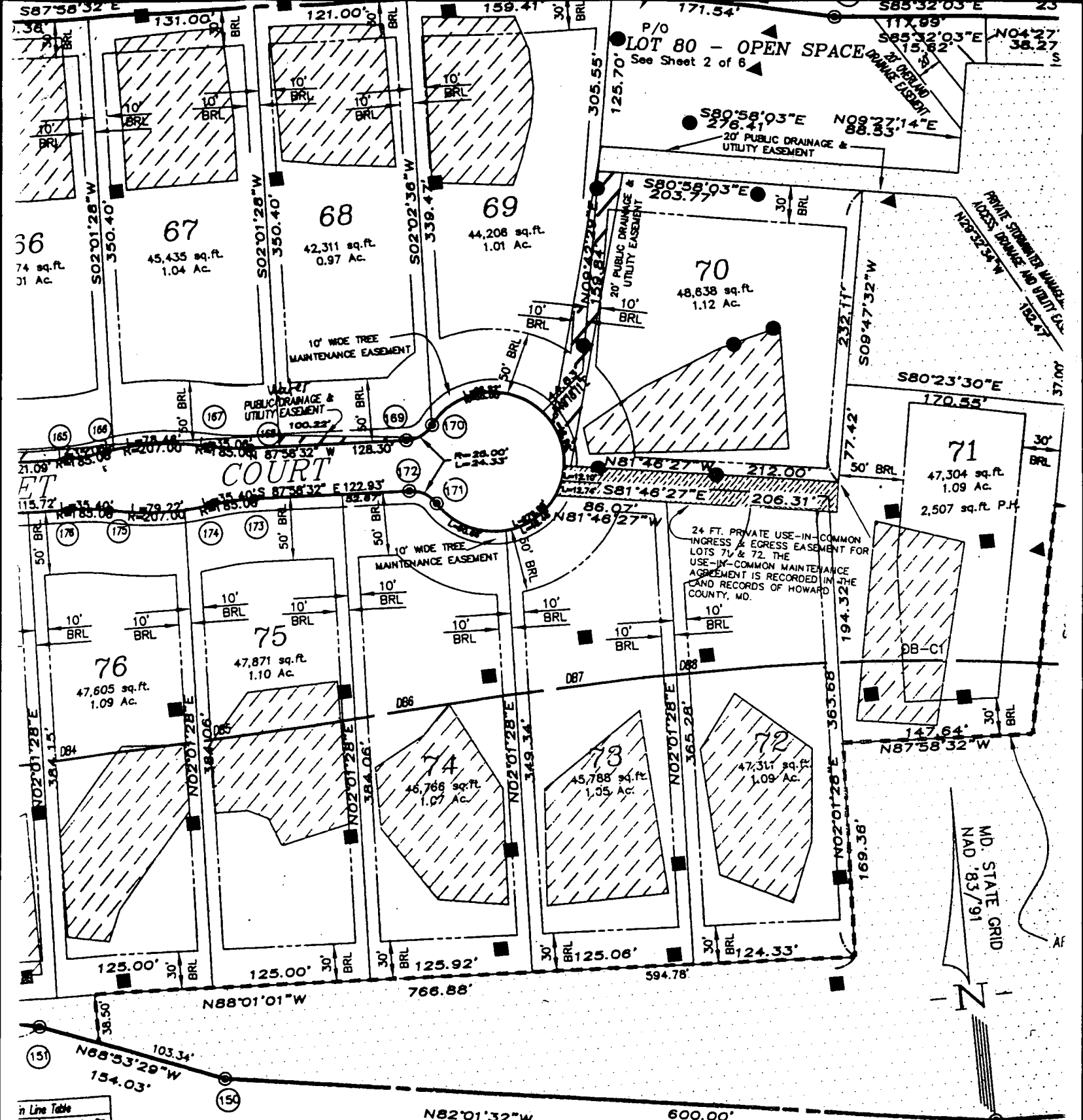
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**In Line Table**

36	N27°02'16"E
00	S58°52'45"W
00	S10°43'19"W
38	S22°50'43"W
31	S43°24'25"W
83	S01°19'36"W
50	N50°02'00"E
53	S13°29'28"E
05	S54°43'49"W
82	S15°05'02"W
82	S03°51'48"W
22	S20°48'28"W
82	S60°45'54"W
99	N82°01'32"W
71	N49°57'09"E

**Stream Buffer Line Table**

SB1	37.82	N10°21'43"E
SB2	27.98	N39°18'34"E
SB3	122.45	N25°37'34"E
SB4	26.52	N51°15'16"E
SB5	148.71	N08°40'13"E
SB6	54.57	N85°08'49"E
SB7	55.45	S47°50'09"E
SB8	14.17	S80°39'13"E
SB10	28.04	S05°15'27"E
SB11	91.37	N89°08'32"E
SB12	93.22	N27°24'33"W

**Wetlands Line Table**

W1	33.69	S65°17'17"W	W20	82.71	S01°50'40"W
W2	146.09	S11°20'13"W	W21	64.58	S81°57'33"W
W3	150.20	S31°00'07"W	W22	75.47	S25°27'52"W
W4	47.28	S52°24'07"W	W23	16.68	N77°22'03"W
W5	148.47	S03°22'30"E	W24	104.64	N23°23'30"E

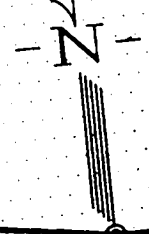
**65 dBA Line Table**

Line	Length	Bearing
DB1	65.54	N83°17'19"W
DB2	78.45	N88°22'49"W
DB3	85.25	N89°46'50"W
DB4	113.96	S88°41'11"W
DB5	133.75	S87°01'38"W
DB6	158.44	S85°46'04"W

FROM	TO	RAD.	ARC.
163	165	1320.00	151.0

F.00.137  
12.11.00

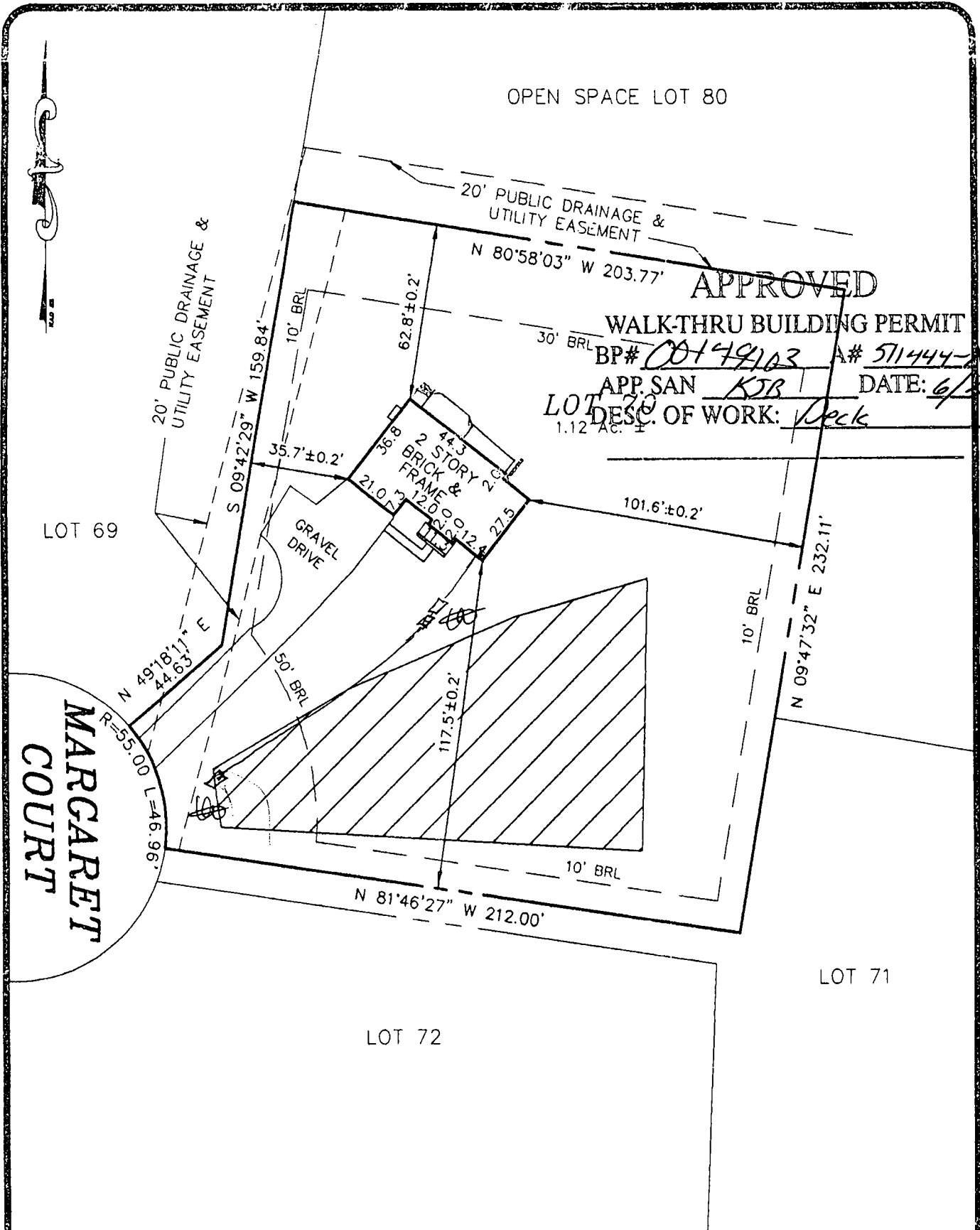
I-70  
(PRINCIPAL ARTERIAL)



# FILE INQUIRY FORM

12/10/03 <sup>10 10</sup> Spoke to Masha of Midenberg & asked  
that corrections be made to elevations on  
box and insert to box. She will  
resubmit plan. (FA)

5<sup>00</sup> pm Revised plan submitted by approved  
elevation for DB (FA)



**THE ESTATES AT SAND HILL**

FIRST FLOOR ELEV.= 576.0±0.2'

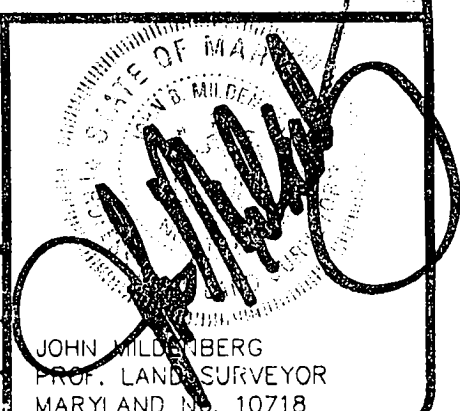
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FOUNDATION	DATE: 01/13/03	FINAL	DATE: 04/29/04
DRAWN BY: M.E.S.	SCALE: 1" = 50'		
PROJECT NO.: 00-074	LOCATION DRAWING		