

LAYOUT 4/29/02 PM (cancelled) INSP 4 \_\_\_\_\_  
 INSP 2 4/30/02 PM INSP 5 \_\_\_\_\_  
 INSP 3 5/1/02 PM INSP 6 \_\_\_\_\_

ISSUE DATE: 4/24/2002

APPROVAL DATE: 8/16/02

P 516947

A 511445-E

# PERMIT INDEXED

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

**03-335186**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: THE Estates @ Sandhill LOT NUMBER: 77

ADDRESS: 12004 Margaret Court PROPERTY OWNER: Oak Hill Properties, LLC

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

PUMP CHAMBER CAPACITY (GALLONS): N/A 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 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box approximately 50' from the right 383.60' lot line and 125' from the rear lot line as shown on the approved Building Permit plan. Run trenches on contour towards left lot line.
NOTES:	

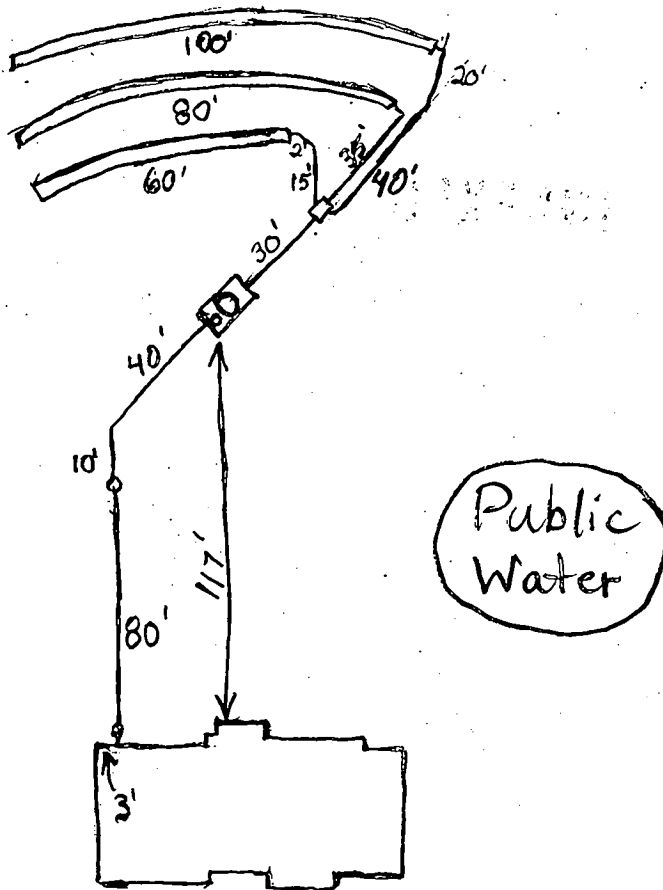
PLANS APPROVED: Brian Baker OK SRK 4/23/02 DATE: 3/14/2002

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 511445-E

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	4'
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 sq ft
DISTRIBUTION BOX LEVEL		Covered
DISTRIBUTION BOX BAFFLE		Covered
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Covered
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	No
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

Margaret Court ROAD

PRE-CONSTRUCTION 4/30/02 OK to move D.B. to avoid tree. Keep DB end of trenches 10' CTC. If trenches separating to far at other end or significant

INSTALLATION loc of corner, call office (50) 5/1/02 Most of system covered. Ends of trenches left open. Fogles took measurements. Need house connection for final approval. (BB) 8/16/02 House conn. made (KN)

FINAL INSPECTOR Kacie Norman DATE OF APPROVAL 8/16/02



## 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., Howard County Health Officer*

August 19, 2002

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

RE: The Estates @ Sandhill, Lot # 77  
12004 Margaret Court  
BP# B00134533  
**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 8/16/2002.**

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

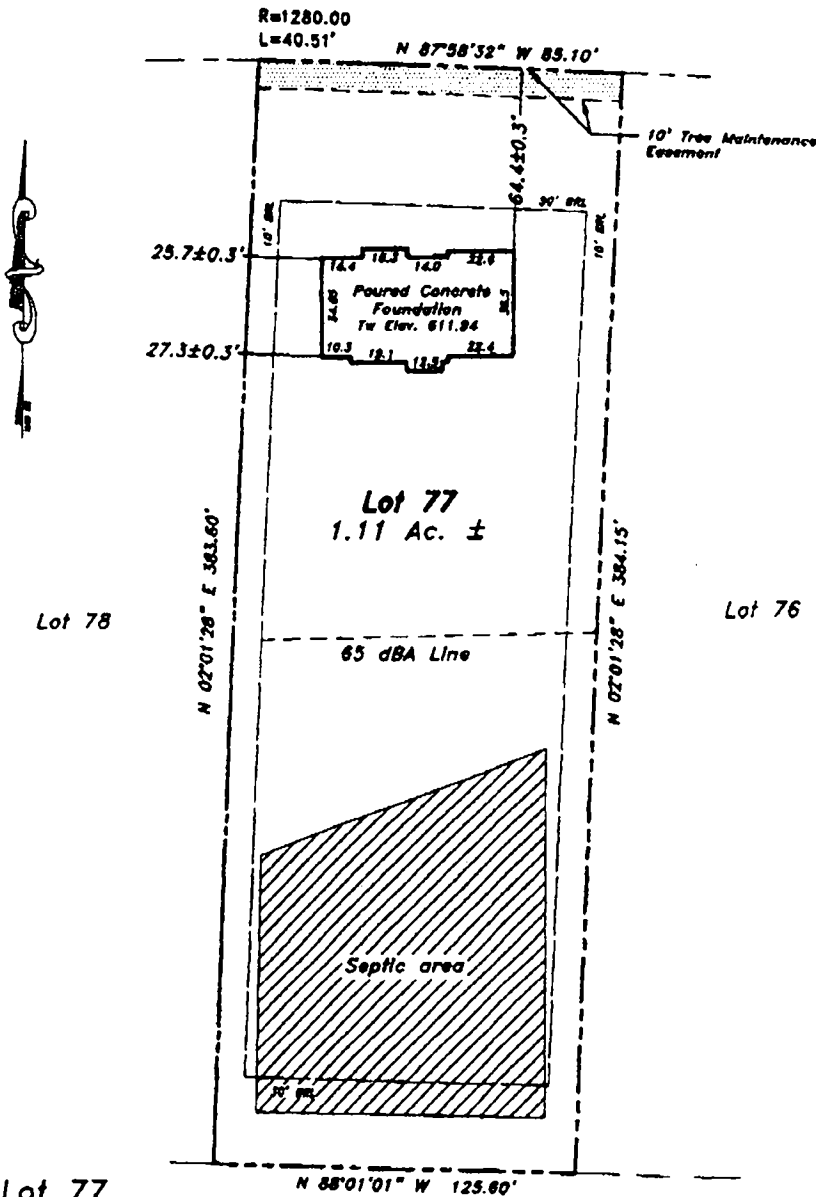
By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority

Steven R. Krieg  
Registered Environmental Sanitarian  
Well & Septic Program

sjn  
cc: Building Inspector's Office  
File

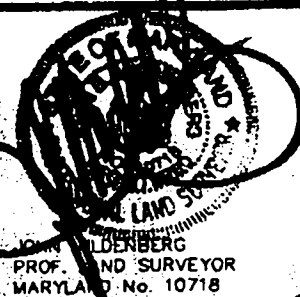
### Margaret Court (40' Right-of-way)



4/23/02.  
Wall Check OK  
**SRK**

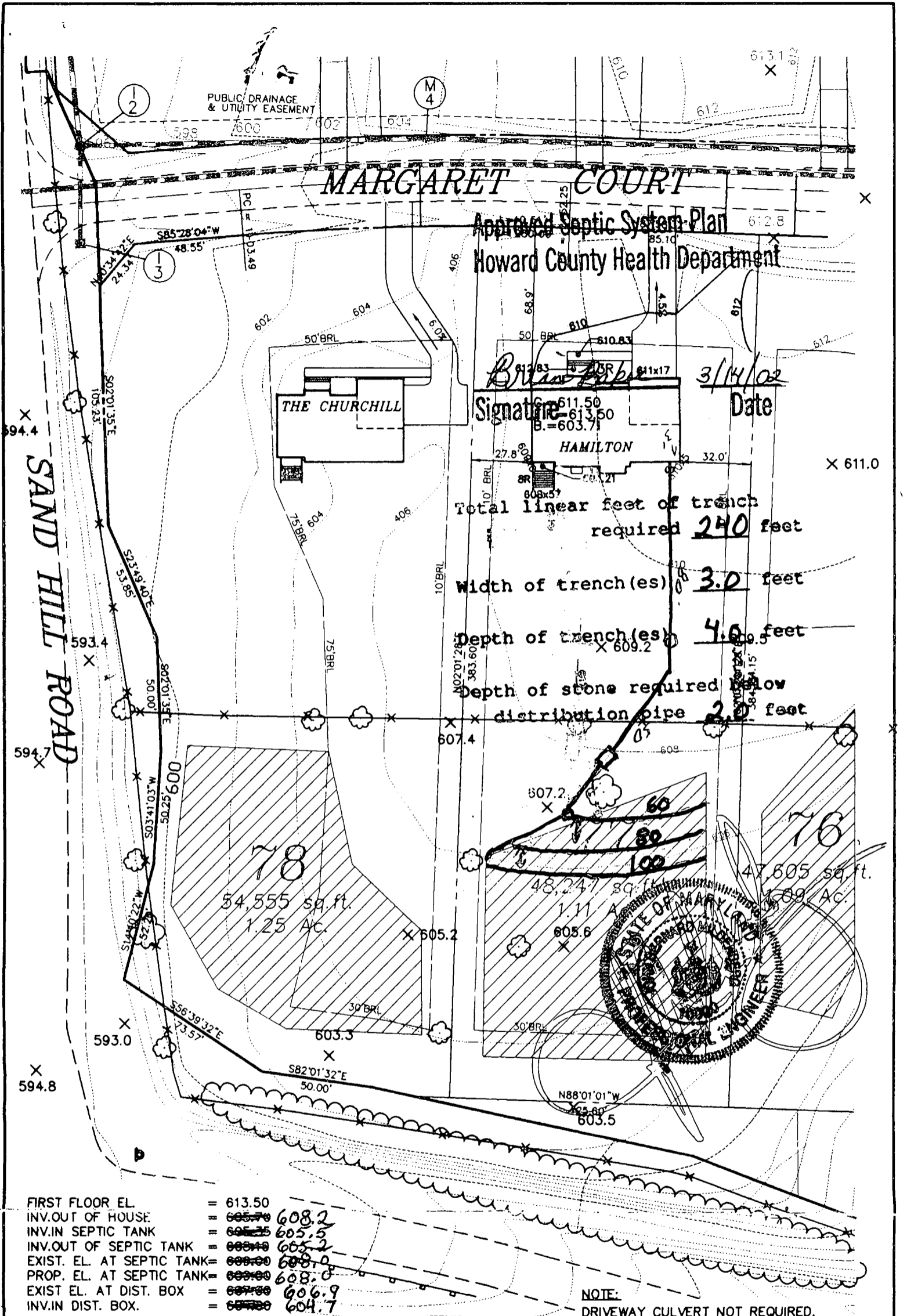
**Lot 77**  
**The Estates at Sand Hill**  
 Plat No. 14585  
 Election district No. 3  
 Howard County, Maryland  
 Address No.: 12004 Margaret Court  
 Preservation Parcel "B"

**MILDENBERG BOENDER, & ASSOC., INC.**  
 Engineers Planners Surveyors  
 5072 Derway Hall Drive, Suite 202, Ellicott City, Maryland 21048  
 (410) 987-0298 Balt. (301) 621-5221 Wash. (410) 987-0298 Fax



FOUNDATION	DATE: 04/10/02	FINAL	DATE:
DRAWN BY: JLM	SCALE: 1" = 50'		
PROJECT NO.: 2000-064	LOCATION DRAWING		

J. MILDENBERG  
 PROF. LAND SURVEYOR  
 MARYLAND No. 10718



Approved Septic System Plan  
 Howard County Health Department

Signature: *Brian Barber* Date: 3/14/02

Total linear feet of trench required 240 feet  
 Width of trench(es) 3.0 feet  
 Depth of trench(es) 4.0 feet  
 Depth of stone required below distribution pipe 2.0 feet

78  
 54,555 sq. ft.  
 1.25 Ac.

48,247 sq. ft.  
 1.11 Ac.

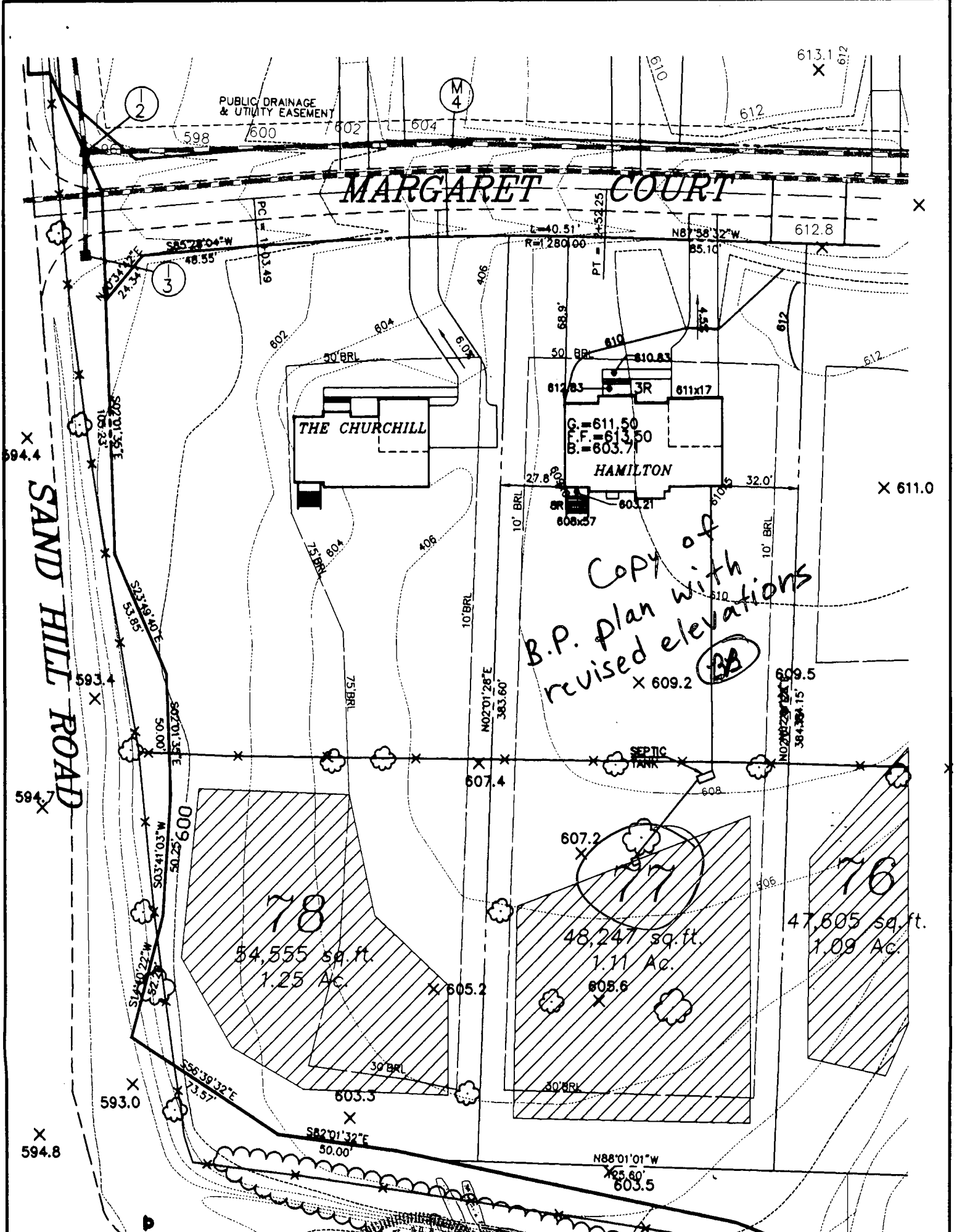
76  
 47,605 sq. ft.  
 1.09 Ac.

FIRST FLOOR EL.	=	613.50
INV. OUT OF HOUSE	=	<del>605.70</del> 608.2
INV. IN SEPTIC TANK	=	<del>605.35</del> 605.5
INV. OUT OF SEPTIC TANK	=	<del>605.40</del> 605.2
EXIST. EL. AT SEPTIC TANK	=	<del>605.00</del> 605.0
PROP. EL. AT SEPTIC TANK	=	<del>605.00</del> 608.0
EXIST. EL. AT DIST. BOX	=	<del>607.00</del> 606.9
INV. IN DIST. BOX	=	<del>607.00</del> 604.7

NOTE:  
 DRIVEWAY CULVERT NOT REQUIRED.

G.P. # 02-14 NO GRAVITY SEWER TO BASEMENT  
 PLAT # 14580-14585

<b>THE ESTATES AT SAND HILL</b>			<b>MILDENBERG, BOENDER &amp; ASSOC., INC.</b> <small>Engineers Planners Surveyors</small>
PLOT PLAN LOT # 77 12004 MARGARET COURT			
ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND	5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042 (410) 997-0296 Ball. (301) 621-5521 Wash. (410) 997-0298 Fax.
DRAWN BY: M.M.P.	SCALE: 1"=50'	DATE: JANUARY 25, 2002	



Copy of  
B.P. Plan with  
revised elevations  
77

FIRST FLOOR EL.	=	613.50
INV. IN OF HOUSE	=	608.20
INV. IN SEPTIC TANK	=	605.80
INV. OUT OF SEPTIC TANK	=	605.55
EXIST. EL. AT SEPTIC TANK	=	608.20
PROP. EL. AT SEPTIC TANK	=	608.20
EXIST. EL. AT DIST. BOX	=	607.00
INV. IN DIST. BOX	=	604.75



NOTE:  
DRIVEWAY CULVERT NOT REQUIRED.

G.P. # 02-14  
PLAT # 14580-14585

NO GRAVITY SEWER TO BASEMENT

<b>THE ESTATES AT SAND HILL</b>		
PLOT PLAN LOT # 77		
12004 MARGARET COURT		
ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: M.M.P.	SCALE: 1"=50'	DATE: MARCH 14, 2002

**MILDENBERG,  
BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Ball. (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:

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

91d-92a

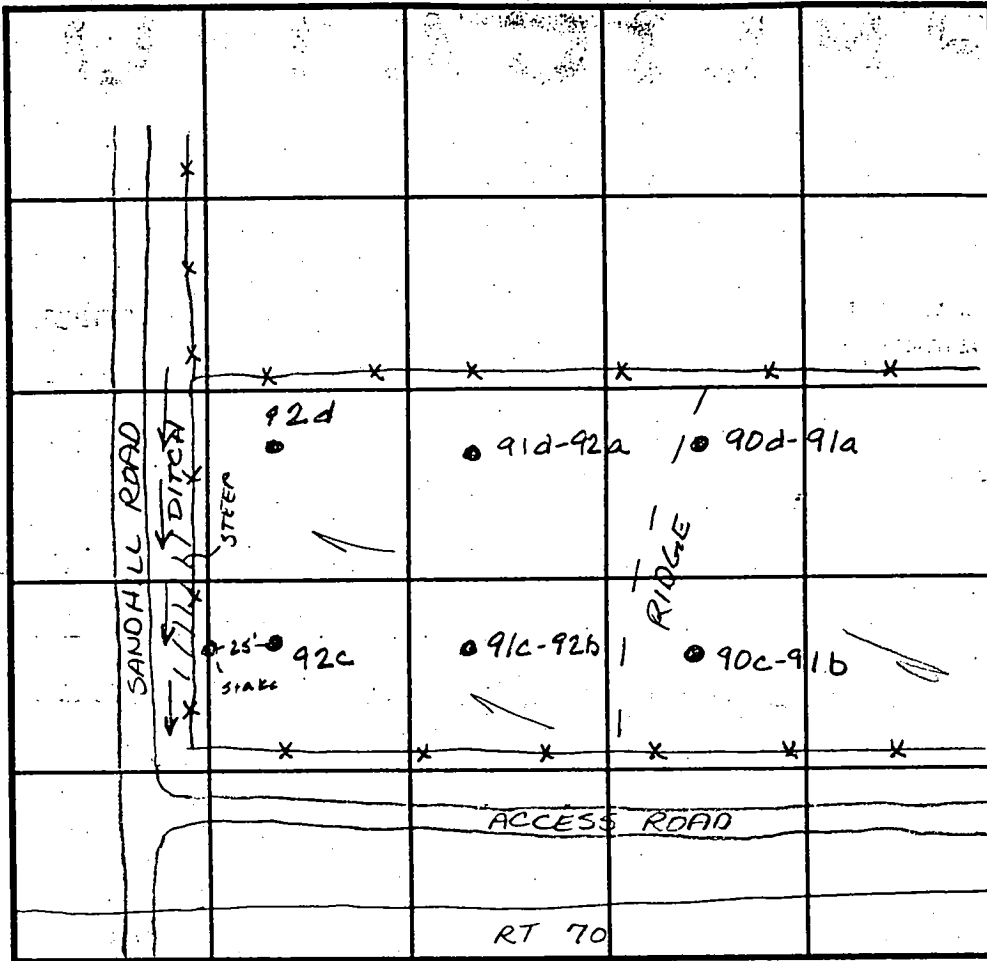
orange brown SicILM  
 0'  
 0' lgt grey Salm micaceous 20% saprolite shale  
 refusal  
 9.0'

91c-92b  
92d

like 91d-92a but no hand bottom

92c

orange brown SicILM  
 2.0' bigh Salm micaceous <10% saprolite shale mix



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' red orange SicILM  
 3.0' dark orange brown Salm micaceous 10% mica saprolite

12.0' 90c-91b  
 2.5' dk brn SicILM  
 5.5' bright red Salm  
 12.0' dark red orange Salm micaceous 15% Rx

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-5-99	91d-92a	3.5	12:10 <sup>30</sup>	12:12	12:12	12:14	2min
		V9.0					
		6.0	12:10	12:11	12:11	12:13	2min
	92d	Visual	to 12.0 see profile		—		OK
	92c	2.5	12:20	12:21	12:21	12:23	2min
		V12.0					
	91c-92b	3.0	12:25	12:26	12:26	12:28	2min
		V12.0					
	90d-91a	Visual	to 12.0 - see profile		—		OK
	90c-91b	3.0	12:29	12:33	12:33	12:38	5min
		V12.0					

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

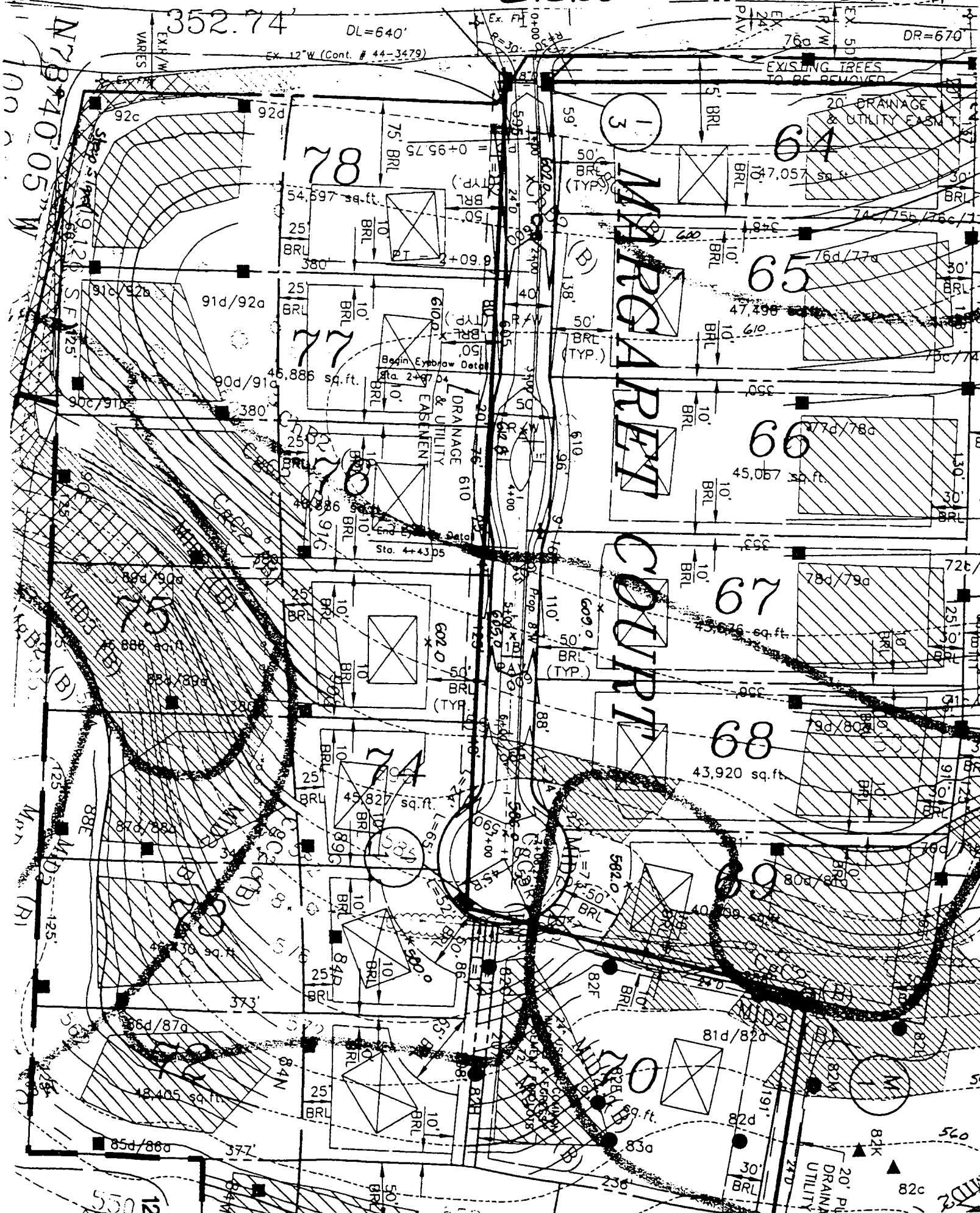
TYF F.00.02

Approved 2/2/00

(MINOR) CC

N00°37' W

N 00°26'54" W



N78°40'05" W

352.74'

DL=640'

EX 12°W (Cont. # 44-3479)

EXISTING TREES TO BE REMOVED

20' DRAINAGE & UTILITY EASMENT

MARCA REPT COURT

MARCA REPT COURT

MARCA REPT COURT

64

65

66

67

68

69

78

77

74

84N

92c

92d

91d/92a

90d/91c

89d/90c

88d/89c

87d/88c

86d/87c

85d/86c

84d/85c

83d/84c

82d/83c

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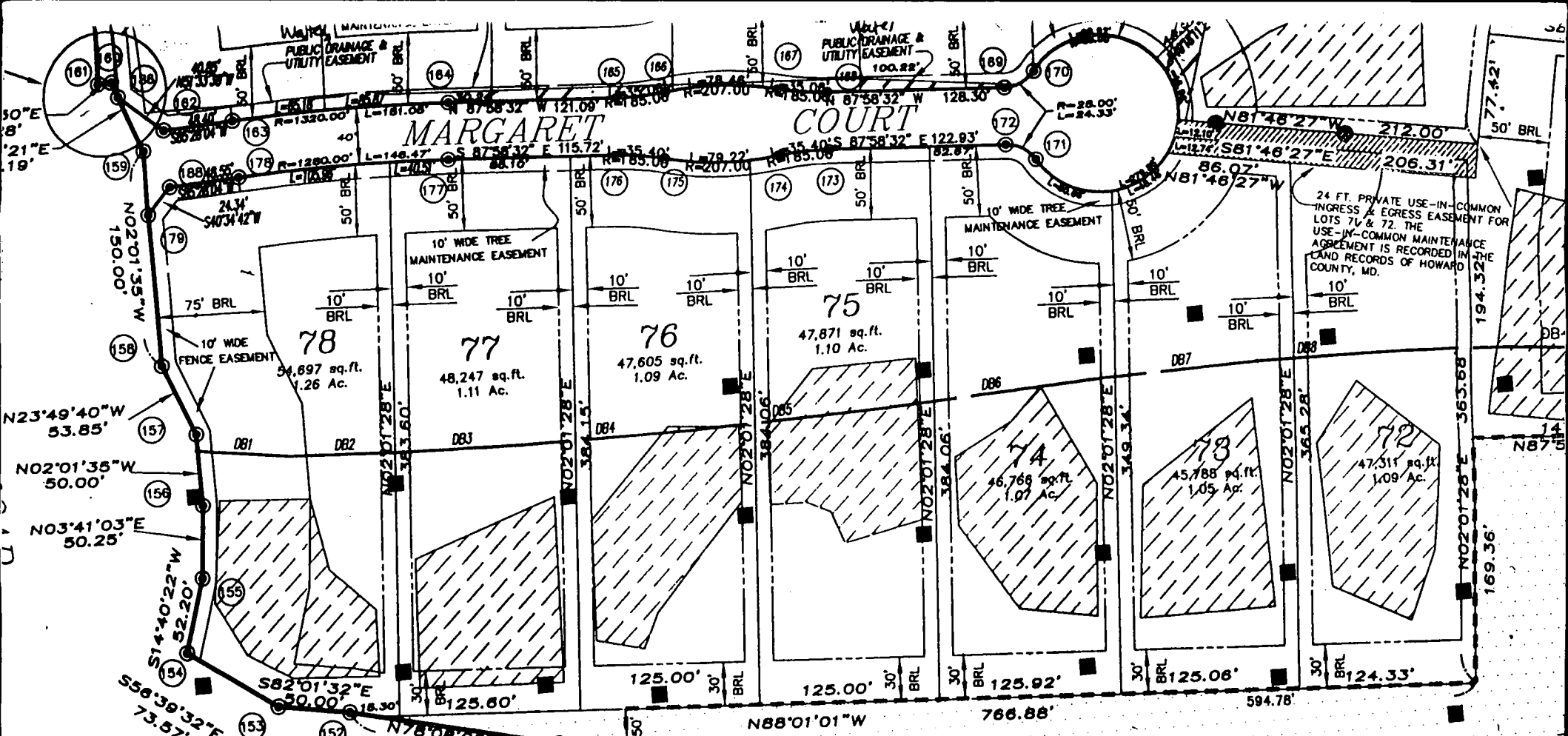
80t

79t

92u

91u

90u



PT#	NORTH	EAST
20	598122.11	1333776.11
21	598175.23	1333357.99
22	598185.40	1333227.79
23	598181.74	1333225.94
24	598180.41	1332986.90
25	598214.40	1332818.78
26	598233.15	1332288.32
27	598225.40	1331985.84
128	597202.82	1333714.09
147	597224.02	1333828.21
148	597293.38	1333131.04
149	597297.35	1333030.82
150	597380.59	1332438.42
151	597436.07	1332292.73
152	597468.36	1332148.54
153	597473.30	1332099.02
154	597513.74	1332037.56
155	597564.24	1332050.78
156	597614.38	1332054.01
157	597664.35	1332052.24
158	597713.61	1332030.49
159	597863.52	1332025.18
160	597912.82	1332002.92
161	597912.46	1331993.65
162	597877.15	1332039.59
163	597880.98	1332087.84
164	597884.28	1332238.77
165	597880.17	1332355.13
166	597882.22	1332389.89
167	597879.49	1332468.02

FP#	Distance	Bearing
FP1	39.36	N27°02'16"E
FP2	41.00	S58°52'45"W
FP3	49.00	S10°43'19"W
FP4	141.38	S22°50'43"W
FP5	67.31	S43°24'25"W
FP6	137.83	S01°19'36"W
FP7	46.50	N50°02'00"E
FP8	82.53	S13°29'28"E
FP9	65.05	S54°43'49"W
FP10	81.82	S15°05'02"W
FP11	74.82	S03°51'48"W
FP12	118.22	S20°48'28"W
FP13	29.82	S60°45'54"W
FP14	212.99	N82°01'32"W
FP15	51.71	N08°52'09"E
FP16	80.89	N36°23'23"E
FP17	48.89	S44°14'27"W
FP18	41.59	S12°14'50"W

SB#	Distance	Bearing
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
SB13	36.27	N41°39'14"E
SB14	58.93	N03°22'08"E
SB15	68.63	N12°18'16"E

W#	Distance	Bearing	W#	Distance	Bearing
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
W6	41.97	S86°39'15"W	W25	98.15	N41°46'51"W
W7	65.78	S08°51'13"E	W26	132.58	N43°57'45"W
WR	86.90	S77°10'10"E	W27	90.37	N48°02'38"E

Line	Length	Bearing
DB1	65.54	N83°17'19"W
DB2	78.45	N88°22'48"W
DB3	85.25	N89°46'50"W
DB4	113.86	S88°41'11"W
DB5	133.75	S87°01'38"W
DB6	158.44	S85°46'04"W
DB7	106.13	S87°23'08"W
DB8	75.84	S89°29'12"W

FROM	TO
163	165
169	170
170	171

F.00.137  
12.11.00

I-70  
(PRINCIPAL ART)

33.4101 Ac.