

LAYOUT 4/8/02 NOON INSP 4 _____
INSP 2 4/9/02 3pm INSP 5 _____
INSP 3 4/10/02 2pm INSP 6 _____

ISSUE DATE: 2/22/2002

P 516487

APPROVAL DATE: 4/10/02

A 511444P

PERMIT

INDEXED

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

03-335038

South Carroll Backhoe, Inc.

IS PERMITTED TO

INSTALL ☒ ALTER ☐

ADDRESS: 4410 Salem Bottom Road

PHONE NUMBER: 410-875-4197

SUBDIVISION: Estates @ Sandhill

LOT NUMBER: 63

ADDRESS: 12000 Sandhill Manor Court

PROPERTY OWNER: Jeannette Miller

SEPTIC TANK CAPACITY (GALLONS): 1500

OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): N/A

COMPARTMENTED TANK REQUIRED ☐

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 263

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 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box 35' from the left lot line and 110' from the rear lot line . Run trenches on contour in both directions. <u>midway between the upper corner easement stakes.</u>
NOTES:	Basement gravity service not available. May need two tanks - no pump, or basement grinder pump. Plumbing already installed below footer. <u>Easement revised for gravity service.</u>

PLANS APPROVED: Brian Baker

DATE: 2/22/2002

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

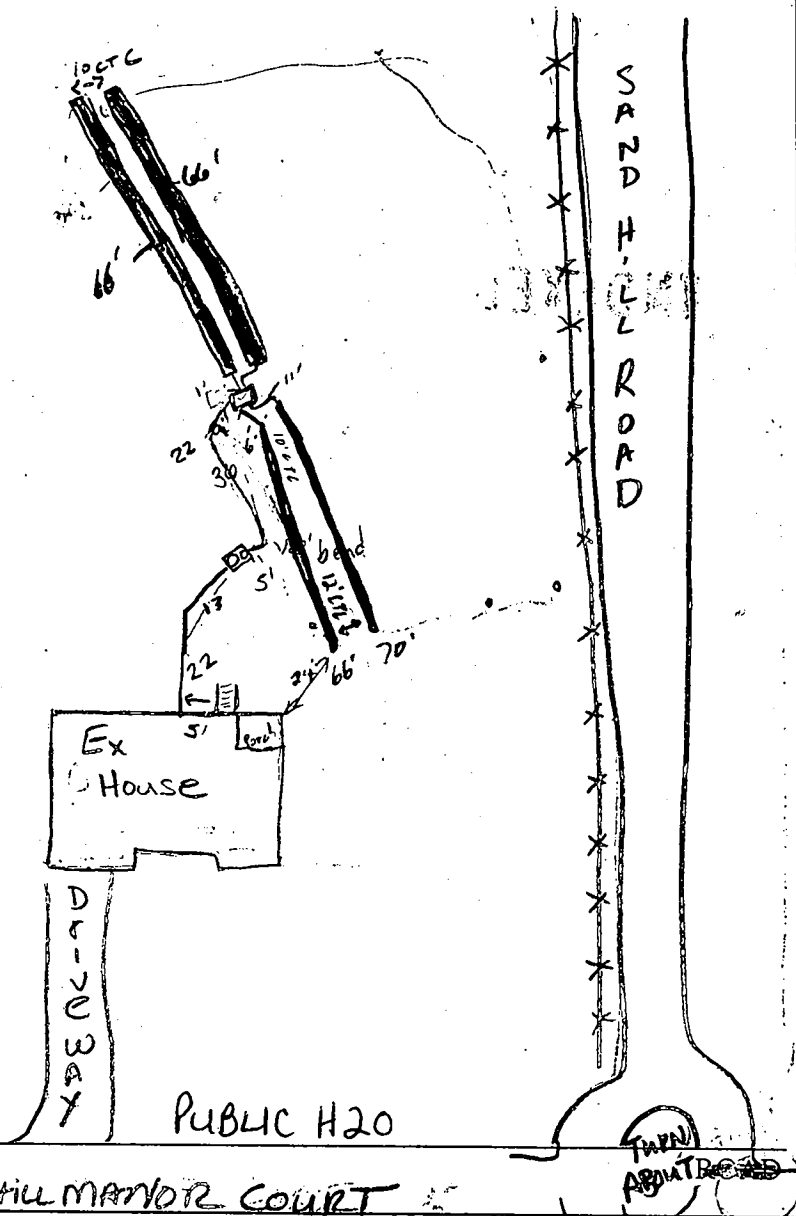
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

BUILDING PERMIT SIGNED

AND RETURNED 5-23-02
BOO B6450-DECK

A511444-P

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2	4-4 1/2	8-8 1/2
NUMBER OF TRENCHES		4
TOTAL LENGTH		270'
ABSORPTION AREA		812 sq ft
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		—

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	yes
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	3 1/2'
BAFFLES	yes
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	back
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 4/8/02 Topo ok. STAKES? OK CONN. UNDER FOOTING. OK.

TO BEGIN (KG)

INSTALLATION 4/9/02 OK TO COVER 1st two trenches P.S.T. (KG) OK TO COVER all work (SO)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

4/10/02



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., Acting County Health Officer

June 28, 2002

Douglas Homes, Inc.
P. O. Box 628
Ellicott City, MD 21041

RE: The Estates @ Sandhill, Lot # 63
12000 Sandhill Manor Drive
BP# B00136450
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 4/10/2002.**

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

SRK
cc: Building Inspector's Office
File

SAND HILL MANOR DR
MINOR COLLECTOR

Total linear feet of trench required **263**

Width of trench (as) **2.0 feet**

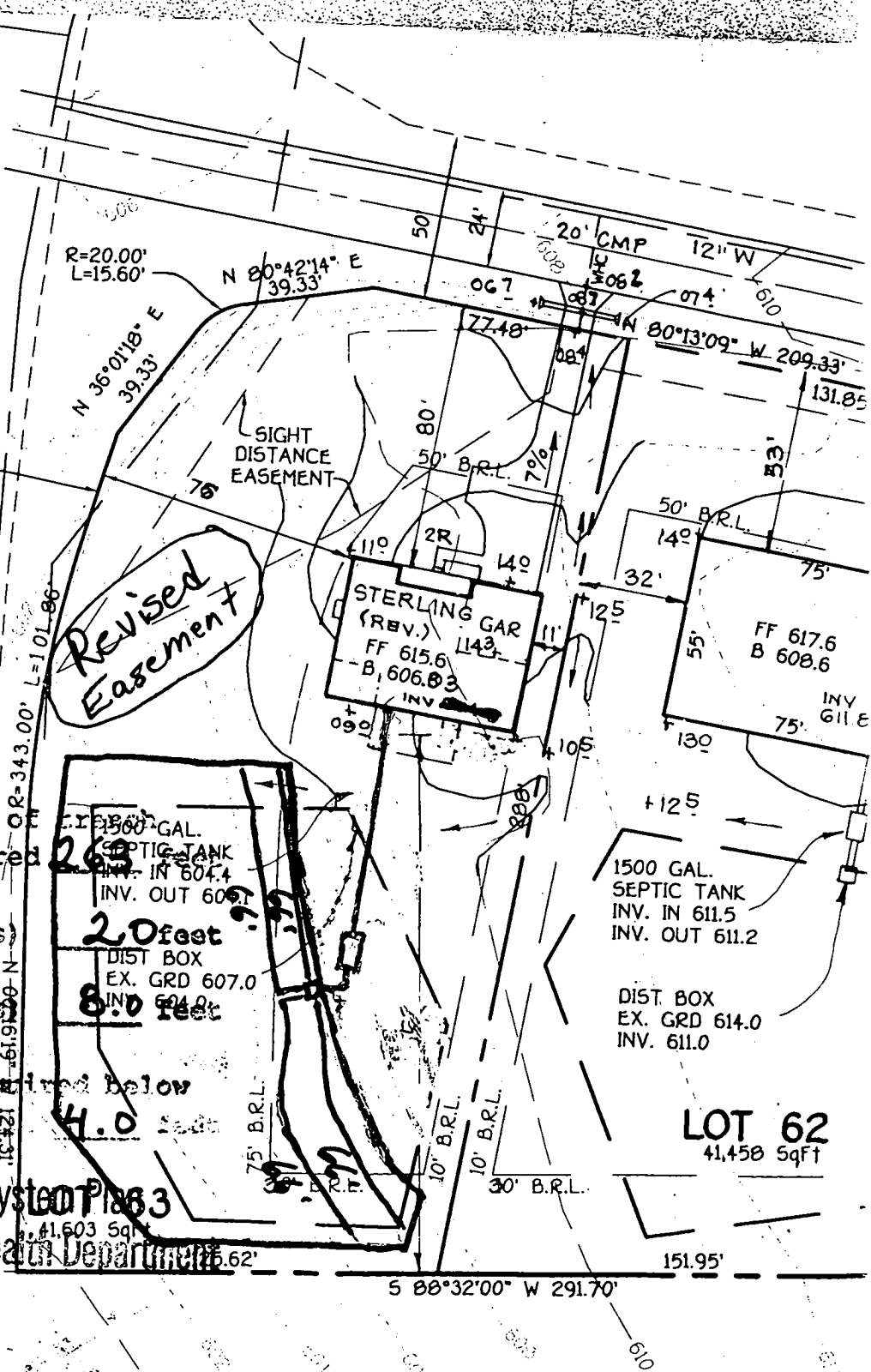
Depth of trench (as) **8.0 feet**

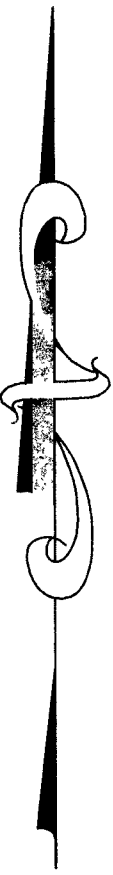
Depth of stone required below distrib. **4.0**

Approved Septic System **1863**
Howard County Health Department

Brian Baker **2/22/02**
Signature Date

NOTE: LOT 62
BASEMENT WILL
NOT SEWER BY
GRAVITY





SAND HILL MANOR DRIVE
MINOR COLLECTOR

N 598750
E 1332250

Driveway Culverts have been extrapolated from
the 10 year storm drain computations.
Ho.Co. Std. 12" circular or 14"x9" arch pipe size

10' WIDE TREE MAINTENANCE
EASEMENT

Total linear feet of trench
required 263

Width of trench (as)

Depth of trench (as)

Depth of stone run below
dist. box

Approved Septic System Plan 63
Howard County Health Department

Brian Baker 2/22/02
Signature Date

NOTE: LOT 62
BASEMENT WILL
NOT SEWER BY
GRAVITY

NOTE: LOT 61
BASEMENT WILL
NOT SEWER BY
GRAVITY

NOTE: LOT 60
BASEMENT WILL
NOT SEWER BY
GRAVITY

NOTE: LOT 59
BASEMENT WILL
NOT SEWER BY
GRAVITY

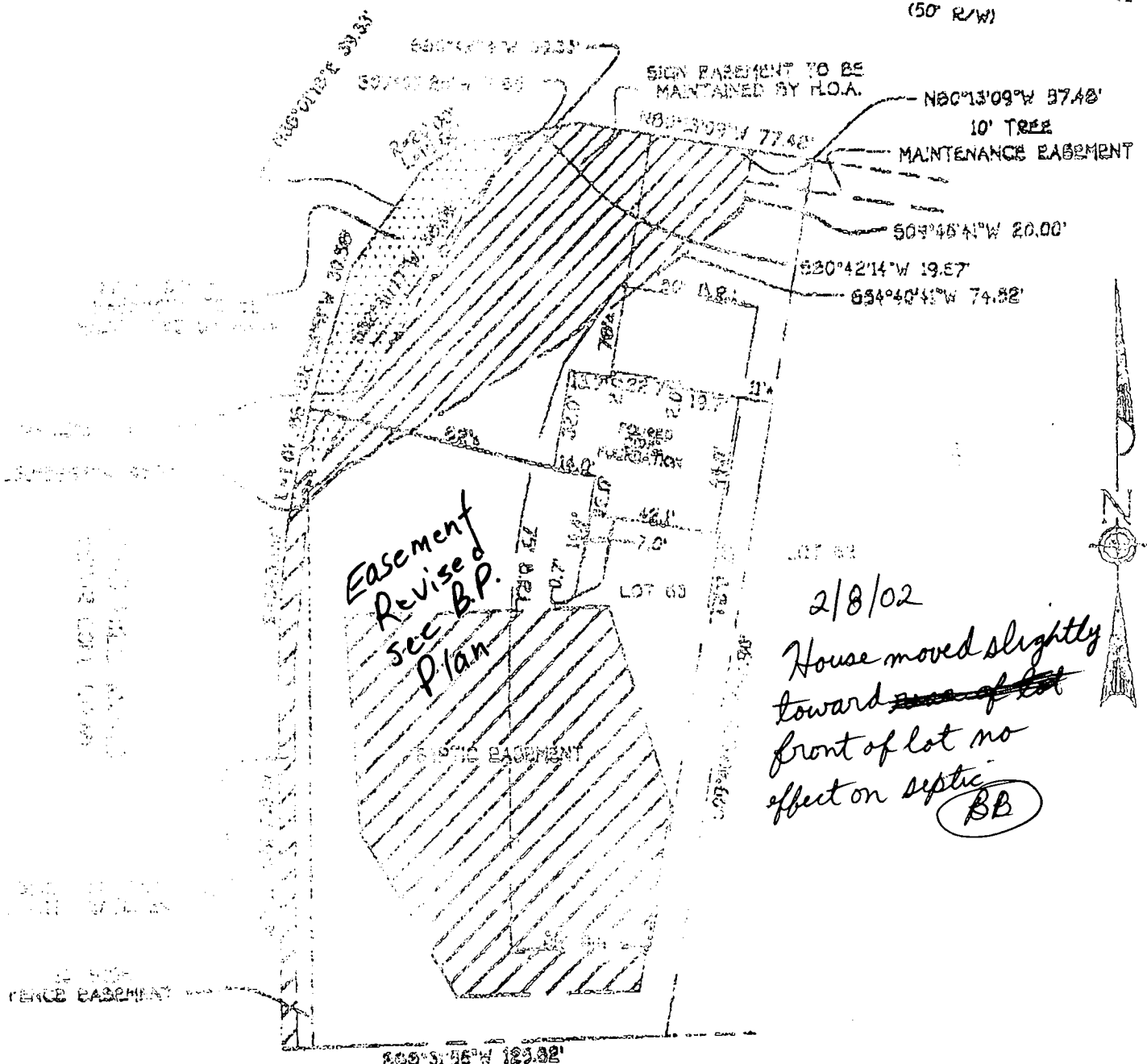
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
1720 BAYVIEW DRIVE, SUITE 100
ELLCOTT CITY, MARYLAND 21042
(410) 461-2995

2	Rev. hse & grd. Lot 63 from box to Sterling	11-13-01
1	Rev. hse & grd. Lot 61 from box to Greenbriar	
NO	REVISION	DATE

GENERAL NOTES:

1. THIS LOCATION DRAWING IS PREPARED FOR THE ARCHITECT BY THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM AND IS NOT TO BE SIGNED BY A SURVEYOR OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE LOT, EMPLOYED THEREAS FOR THE LENDING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR THE ESTABLISHMENT OF PROPERTY LINES. IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES, EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THE LOCATION DRAWING DOES NOT PROVIDE THE ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE ESTABLISHMENT OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
2. THE HOUSE IS SHOWN IN ZONE 1 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF MARYLAND, COUNTY OF BALTIMORE, COUNTY OF BALTIMORE DEFECTIVE DEC. 1, 1988.
3. THE DISTANCE FROM CURB TO LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1/100 OF A FOOT.
4. THE HOUSE IS SHOWN SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.

SAND HILL MANOR DRIVE
(50' R/W)



B.A.L. BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV. 314.7'

LOT 63
THE STATES AT SAND HILL
LOTS 1 THRU 60
PRESERVATION PARCEL A & B
ELECTION DISTRICT
COUNTY, MARYLAND
AT NO. 04501

HOUSE LOCATION

FOUNDATION LOCATION
FINAL LOCATION
BOUNDARY SURVEY

SCALE: 1"=50'
DATE: 1/20/02
DRAWN BY: D.E.
CHECKED BY: [Signature]
PROJECT No. 8339

BUILDING PERMIT

HOWARD COUNTY
INSPECTIONS, LICENSES & PERMITS
3430 COURT HOUSE DRIVE
ELLCOTT CITY MD 21043-4395
(410) 313-3800

PERMIT NBR: B0013331
PROJECT NBR:
CENSUS TRACT: 6030
APPLIC DATE: 11/16/01
ISSUE DATE: 01/08/02

MAP COORDINATES: 10G1
BUILDING ADDRESS:
12000 SAND HILL MANOR DR
MARRIOTTSVILLE ,MD 21104

OWNER INFORMATION:
DOUGLAS HOMES INC
628 POBOX
ELLCOTT CITY ,MD 21041

SUBDIVISION: THE ESTATES AT SAND
TAX MAP: 16 ACREAGE 0.00
BLK(ST): LOT:63 BLK:1
PARCEL: 3 SECTION:
AREA: DISTRICT: 3
PROPERTY ID NUMBER: 0000-0005-3166
SDP: FILE:

WRK:(410) 750-0522 HM:
APPLC: DANA D BORG

CONTRACTOR INFORMATION:
DOUGLAS HOMES INC
POBOX 628
ELLCOTT CITY MD 21041-
PHONE: (410) 750-0522
COUNTY LICENSE: HBL00327
STATE LICENSE:
LICENSEE:
PHONE: (410) 750-0522

SUITE/APT:

IMPROVEMENT TYPE.: NEW
USE TYPE.....: SINGLE FAMILY DWELLING
EXISTING USE.....: VACANT LOT
PROPOSED USE.....: NEW CUSTOM SINGLE FAMILY HOME 2 STORY FULL BSMNT
PROPOSED WORK.....: 11R 3FB FP GARAGE 5BR FINISHED BSMNT W/BATH

===== DESCRIPTION OF WORK =====

=====LOT CHARACTERISTICS=====

AREA OF LOT
AREA DISTURBED
ENTRANCE PERMIT
STATE CERTIFIED

2/27/02

=====OCCUPANT INFORMATION=====

NAME
ADDRESS
CITY/ST/ZIP
()

Approved By
Howard County Health
Department

=====ENGINEER OR ARCHITECT=====

NAME D W TAYLOR
ADDRESS 5024 DORSEY HALL DR
CITY/ST/ZIP ELLCOTT CITY MD 21042
(410) 964 - 1181

Brian Baker

=====BUILDING CHARACTERISTICS=====

BUILDING HEIGHT (FT)
NUMBER OF STORIES 2
USE GROUP
TYPE OF CONSTRUCTION
MODULAR BUILDING
MOBILE HOME
SEWAGE DISPOSAL TYPE P
WATER SUPPLY TYPE P
HEATING FUEL G
SPRINKLERS
NBR OF TANKS
GROSS AREA SQ FT 5488
OCCUP. SQ FT (.80) 5488
OCCUP. SQ FT (.40)
COST OF CONSTR. \$ 150000

=====BUILDING DIMENSIONS=====

	LEN	WIDTH
UNFIN. BASEMENT	44	56
FIN. BASEMENT		
1ST FLOOR	56	44
2ND FLOOR	56	38
GARAGE		
CARPORT		
PORCH		
DECK		

=====UNITS=====

SINGLE FAMILY
NBR BEDRMS 5
MULTI FAMILY
EFFICIENCY
1 BEDROOM
2 BEDROOM
3+ BEDROOM
TOTL UNITS 1

=====IMPROVEMENTS=====

CENTRAL-A-C Y
ELECTRIC Y-
FIREPLACE
PLUMBING
BATH (NBR) 3.0
OTHER
DRYWELL

ZONING RR ==MINIMUM==SETBACKS==

ALL MINIMUM SETBACK REQUIREMENTS MET? Y
FRONT 50FT
REAR 30FT
SIDE 10FT
SIDE ST 75FT

=====COMMENTS=====

CASH RECEIPT NBR. : 45213 39859
FEE PAYMENT HISTORY: \$ 5,478.00

APPROVED BY DIRECTOR OF INSPECTIONS, LICENSES, AND PERMITS: J. MICHAEL EVANS

APPLICATION

PERCOLATION TESTING

A 511435

P

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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
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 #

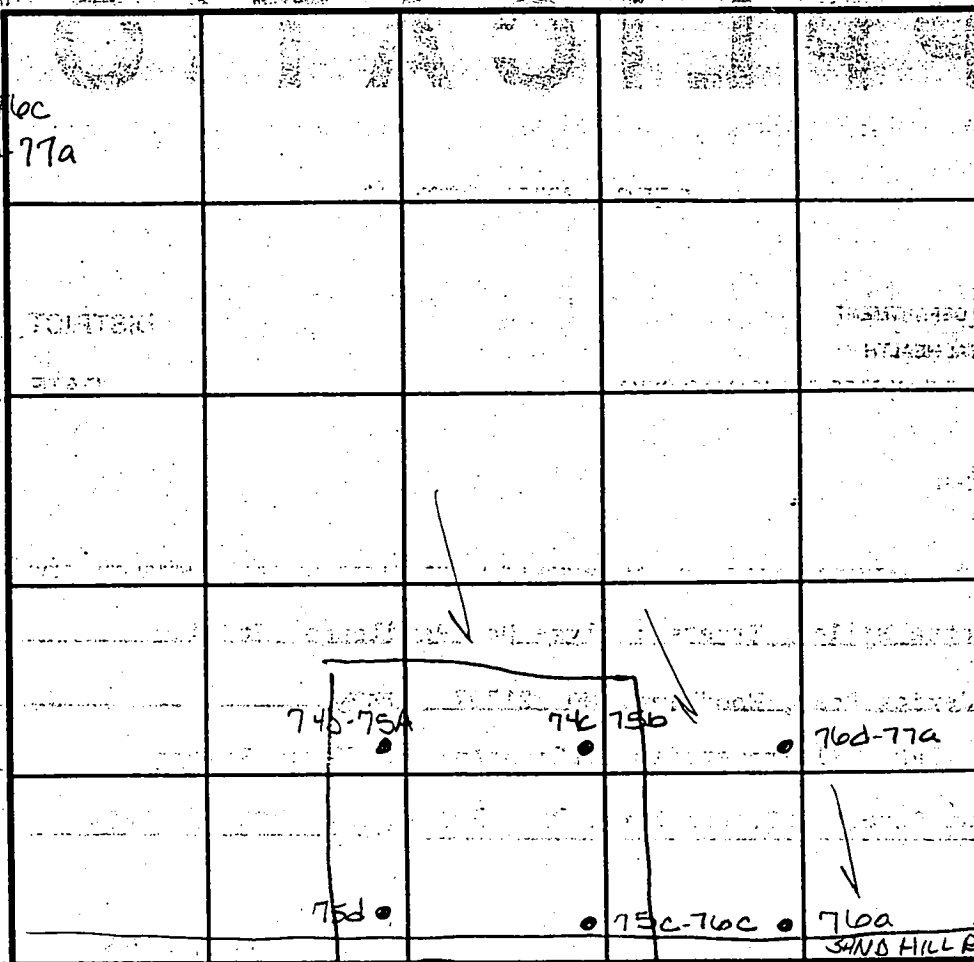
SOIL PROFILE

0' 75d 75c-76c
1g+brn 76d-77a
SiCLM+0.0
bright
red
SiCLM1.0
1g+
red
SiSALM0
74d-75abright
red
SiCLM0
1g+
brown
SiSALM
20%
shale
micaceous

76a

1.5
dark
brown
SiCLM
20%
large
Rx frags5
orange
brown
SiLM
20%
shale

2.0



SOIL PROFILE

0' 74c-75b

bright
red
SiCLM4.0
orange
brn
matrix
pockets
of red &
yellow
mottled
SiLM
not H₂O
100% 1g
rock
frags

12.0

X=8

210 BR

In 4'

Bot 8'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-3-99	75d	5.0 V12.0	12:47 ³⁰	12:50	12:50	1:02	12min ✓
	74d-75a	Visual	to 12.0	-see profile	—	—	OK ✓
	75c-76c	4.5 V12.0	1:06	1:12	1:12	1:22	10min ✓
	76a	5.5 V12.0	1:11	1:15	1:15	1:20	5min ✓
	76d-77a	Visual	to 12.0	-see profile	—	—	OK ✓
	74c-75b	4.5 V12.0	1:25	1:33	1:33	1:42	9min ✓
		8.5 V12.0	1:27	1:29	1:29	1:31	2min ✓

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

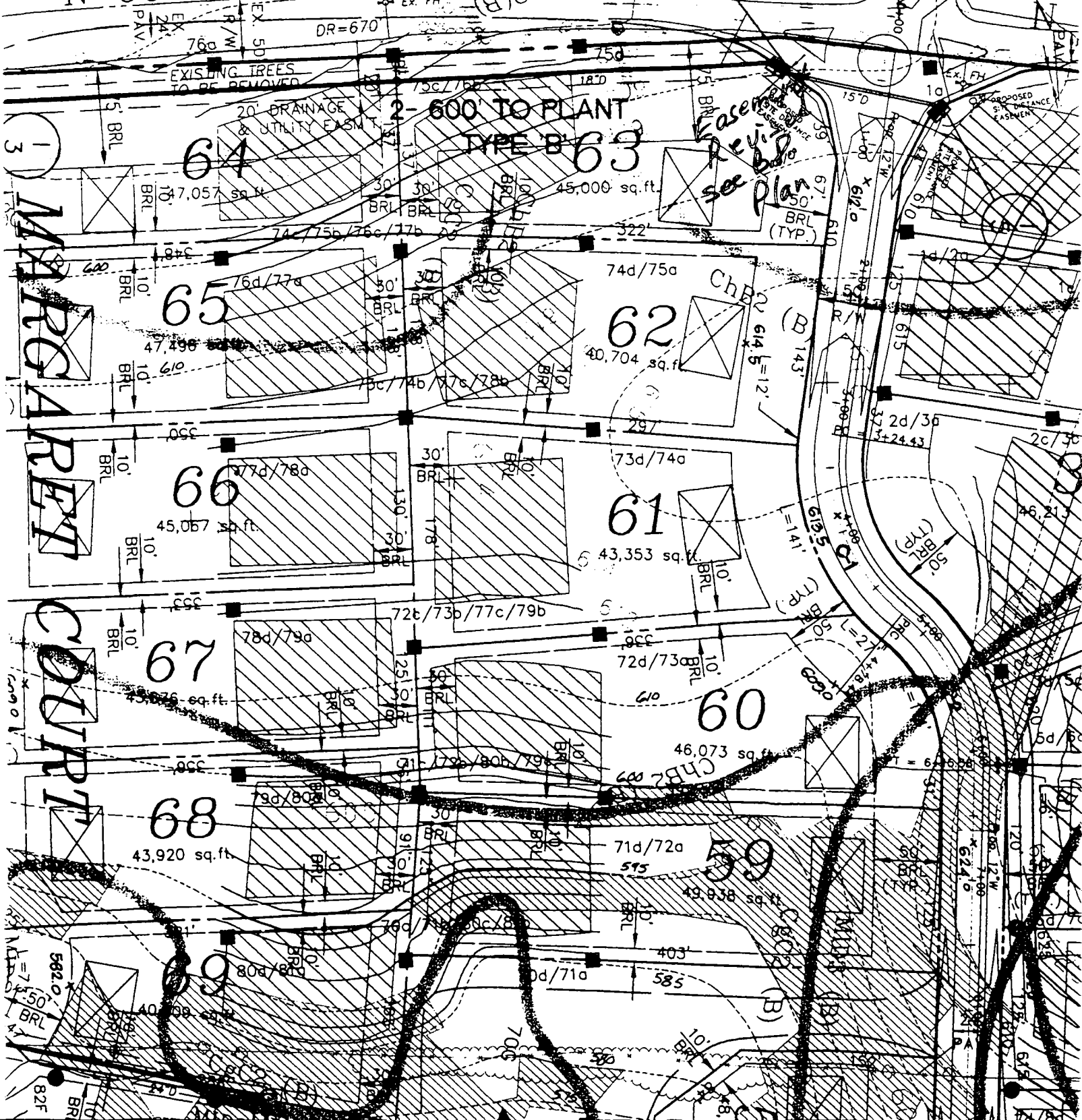
F.00.02

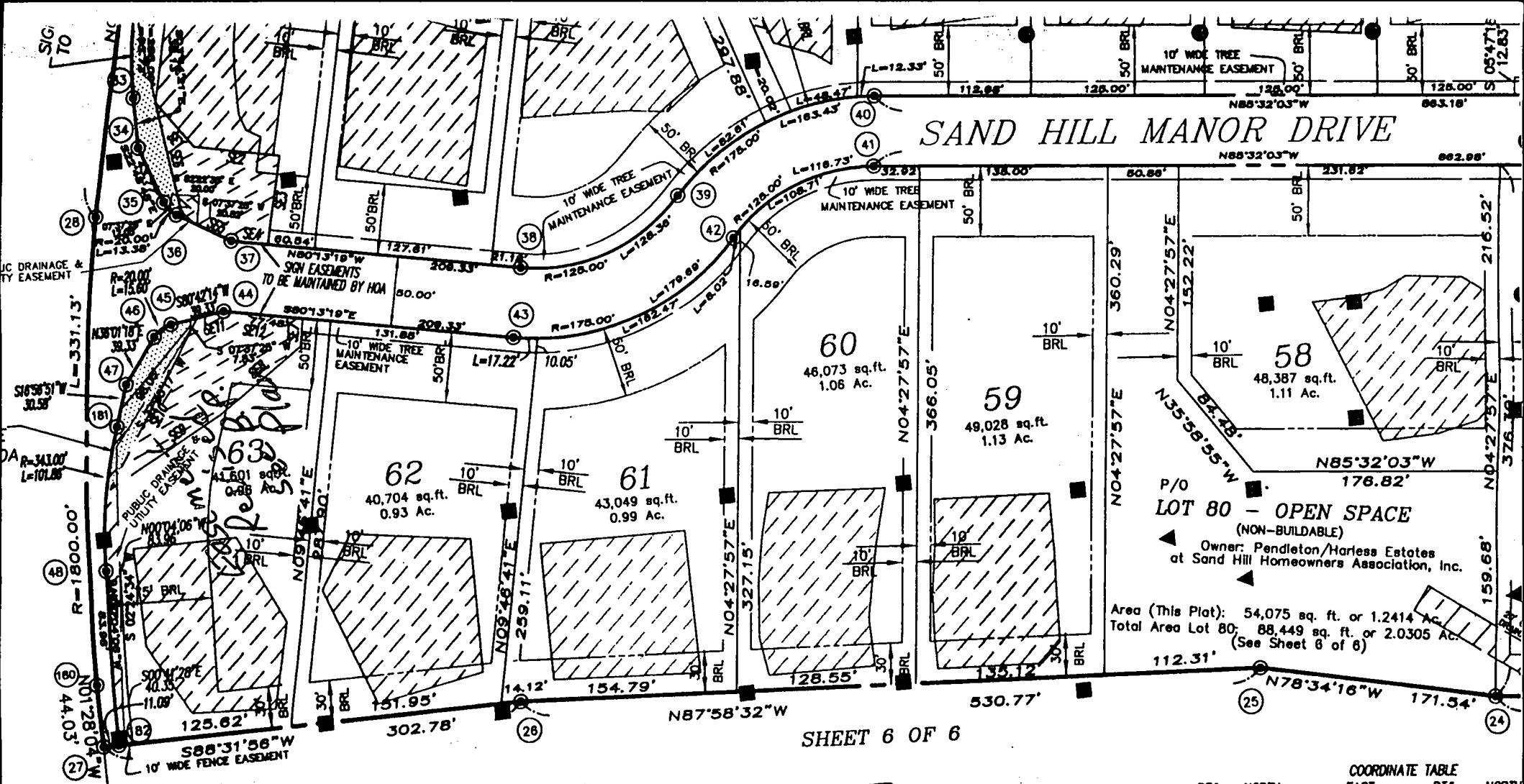
2/2/00

SAND HILL ROAD

(MINOR COLLECTOR)

N 00°26'54" W 666.91





SHEET 6 OF 6

LOT TABULATION

AND/OR PARCELS - 22
 - 19
 Open Space - 1
 Preservation Parcel - 0
 Preservation Parcels - 2
 TS AND/OR PARCELS - 29.6563 Ac.
 - 19.9855 Ac.
 Open Space - 1.2414 Ac.
 Preservation Parcels This Plat:
 Preservation Parcel A - 2.1732 Ac.
 Preservation Parcel B - 6.2562 Ac.
 ROAD RIGHT-OF-WAY - 2.0189 Ac.
 or Drive - 1.7085 Ac.

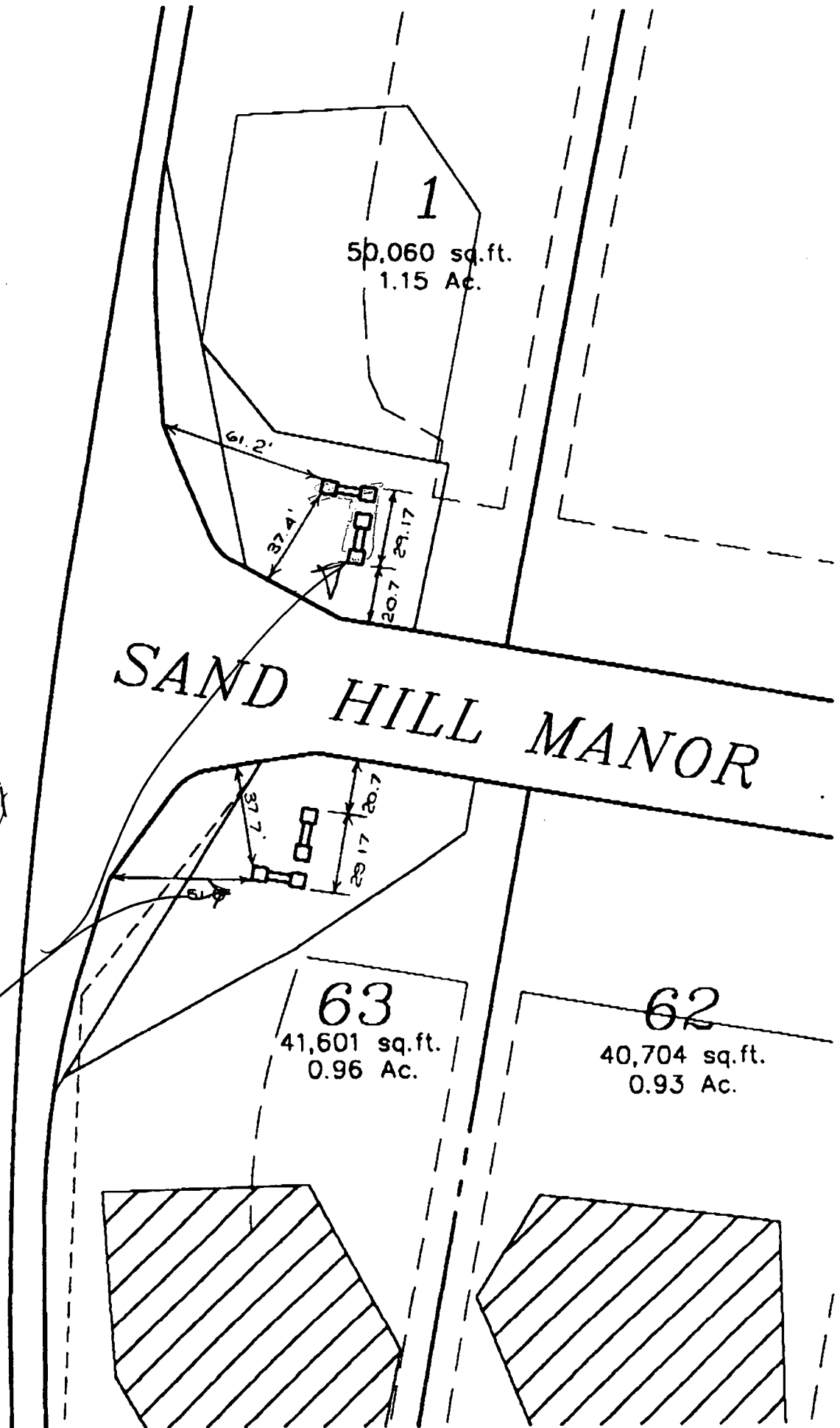
F.00.137
 12.11.00

CURVE DATA						
FROM	TO	RAD	ARC	DELTA	TAN	CHORD BEARING-DIST.
7	8	75.00	20.94	15°59'57"	10.54	S 86°59'12" W - 20.87'
9	10	125.00	198.21	90°51'15"	126.88	N 49°26'31" E - 178.09'
11	12	50.00	76.63	87°48'38"	48.13	S 47°55'12" W - 69.35'
14	15	55.00	36.95	38°29'40"	19.20	N 87°51'57" W - 36.26'
17	18	280.00	53.71	10°59'24"	26.94	S 82°40'46" E - 53.63'
108	28	1800.00	331.13	10°32'24"	166.03	S 03°48'08" W - 330.66'
29	1	750.00	65.87	05°01'57"	32.96	S 11°35'19" W - 65.85'
30	31	739.76	46.25	03°34'57"	23.13	S 10°51'49" W - 46.25'
32	33	285.00	63.73	12°48'41"	32.00	S 02°40'00" W - 63.59'
35	36	20.00	13.38	38°20'04"	6.95	S 41°58'50" E - 13.13'
38	39	125.00	128.36	58°50'01"	70.48	N 70°22'31" E - 122.79'
39	40	175.00	163.43	53°30'26"	88.22	N 67°42'44" E - 157.55'
41	42	125.00	116.73	53°30'26"	63.02	S 67°42'44" W - 112.54'

COORDINATE TABLE				
PT#	NORTH	EAST	PT#	NORTH
1	599091.44	1332087.94	26	598233.1
2	598970.60	1333225.29	27	598225.4
3	599040.62	1333253.63	28	598599.3
4	599019.97	1333304.66	29	599026.9
5	598938.08	1333348.95	30	599090.3
6	598685.37	1333329.21	31	599025.3
7	598574.38	1333452.47	32	598744.8
8	598573.28	1333431.62	33	598681.3
9	598523.45	1333427.53	34	598646.2
10	598639.24	1333562.84	35	598605.9
11	598755.70	1333571.01	36	598596.1
12	598802.17	1333622.48	37	598575.0
13	598800.90	1333662.55	38	598539.5
14	598771.07	1333738.73	39	598580.7
15	598769.72	1333774.96	40	598640.4
16	598799.26	1333870.90	41	598590.6
17	598797.75	1333918.38	42	598547.9
18	598790.91	1333971.57	43	598490.2
19	598770.93	1333779.41	44	598525.7
20	598122.11	1333776.11	45	598519.4
21	598175.23	1333357.99	46	598511.4
22	598195.40	1331727.70	47	598479.6

SAND HILL ROAD

7/10/01
300128008
Entrance features
will have no impact
on septic
A

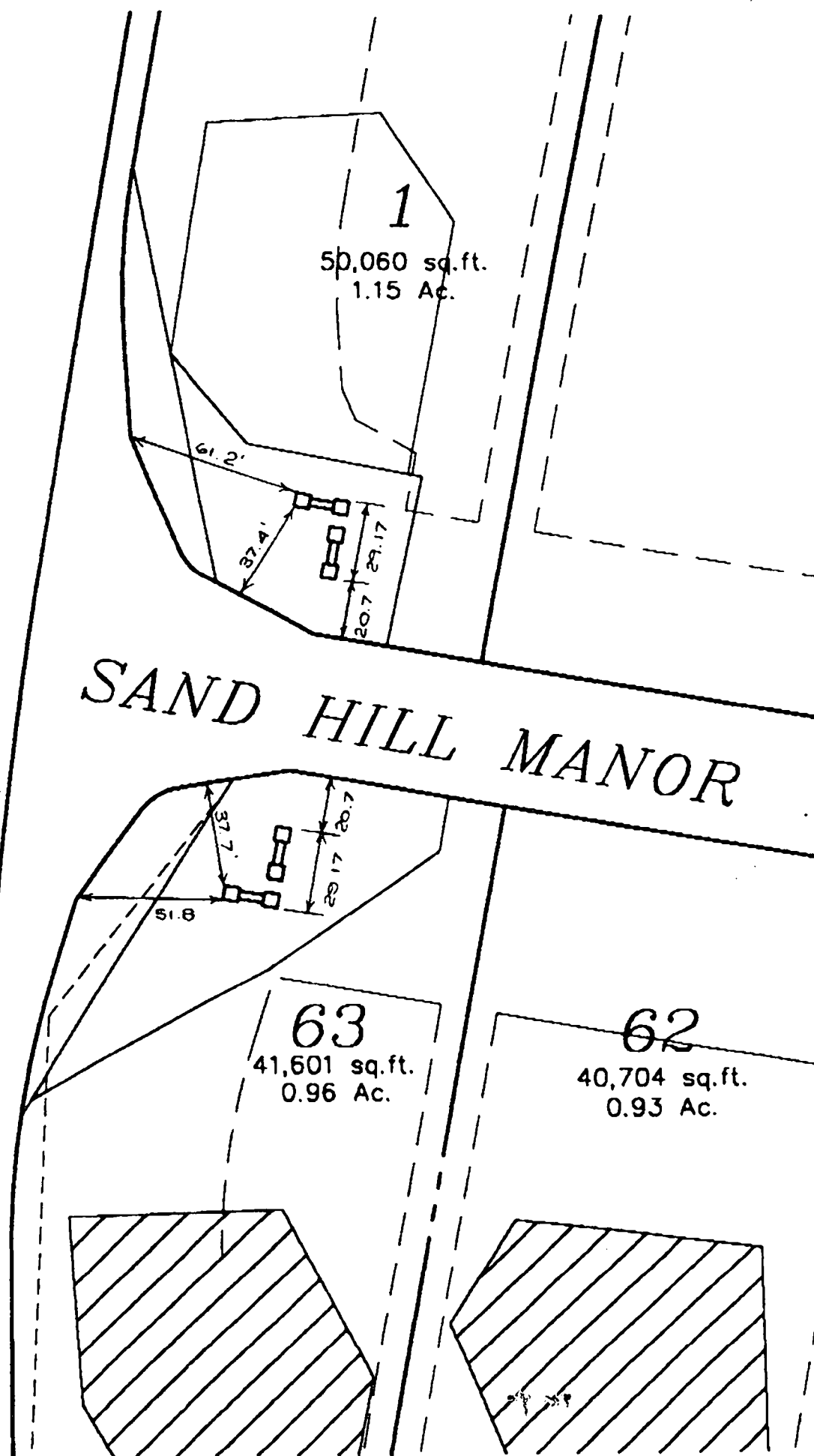


SAND HILL ROAD

3/21/01
B00108921
Entrance Feature
OR
AU

2191 SAND HILL ROAD
MARIOTTSVILLE MD.

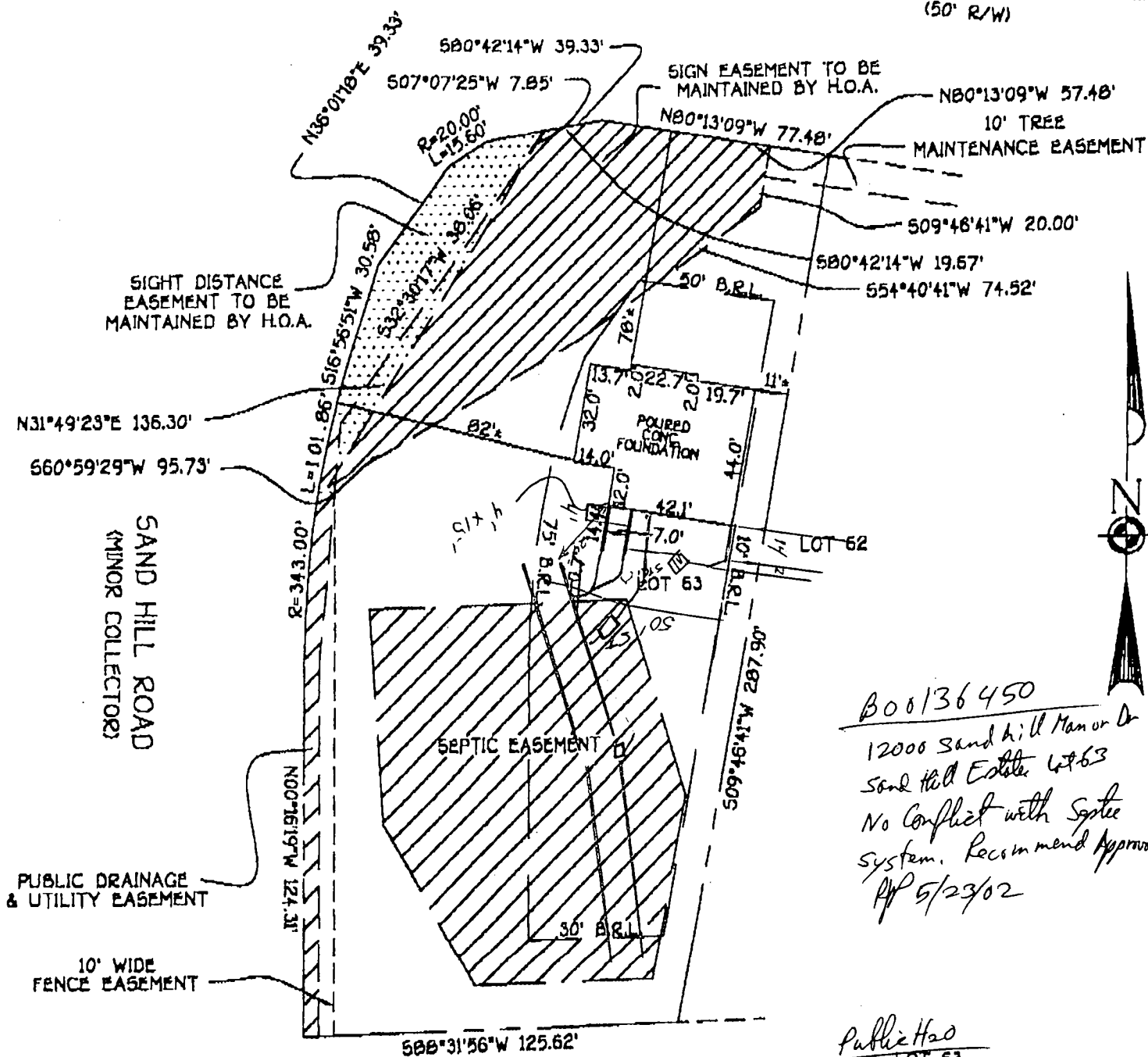
21747



GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE COMTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440016 BEFFECTIVE DEC. 4, 1996.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (±)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.

SAND HILL MANOR DRIVE
(50' R/W)



B.R.L. BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV. 614.7'

Public Has
LOT 63
THE ESTATES AT SAND HILL
LOTS 1 THRU 80
NON-BUILDABLE PRESERVATION PARCEL A & B
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT NO. 14581

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10072 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
410 408 - 2000



Mark L. Robel 2/1/2002
PROFESSIONAL LAND SURVEYOR DATE
REG. # 339

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 1/18/02
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1"=50'
DATE: 1/21/02
DRAWN BY: D.B.
CHECKED BY: M.A.
PROJECT No: 61646