

LAYOUT 7/22/02 1:00 INSP 4 Final 7/31/02 2:30
F/U/ Layout 7/26/02 10-11 INSP 5 8/22/02 10:30am
INSP 2
INSP 3 7/30/02 2-23⁰⁰pm INSP 6 _____

ISSUE DATE: 6/14/2002

APPROVAL DATE: 8/26/02

PERMIT
INDEXED

P 517314

A 511444-L

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

03-334996

South Carroll Backhoe, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 4410 Salem Bottom Road PHONE NUMBER: 410-875-4197

SUBDIVISION: Estates @ Sandhill LOT NUMBER: 60

ADDRESS: 12012 Sand Hill Manor Drive PROPERTY OWNER: Douglas Homes, 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 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 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box approximately midway between the two upper corner easement stakes as shown on building permit plan. Run trenches on contour in both directions.
NOTES:	

PLANS APPROVED: Brian Baker OK 4/9/02 (50) DATE: 3/15/2002

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

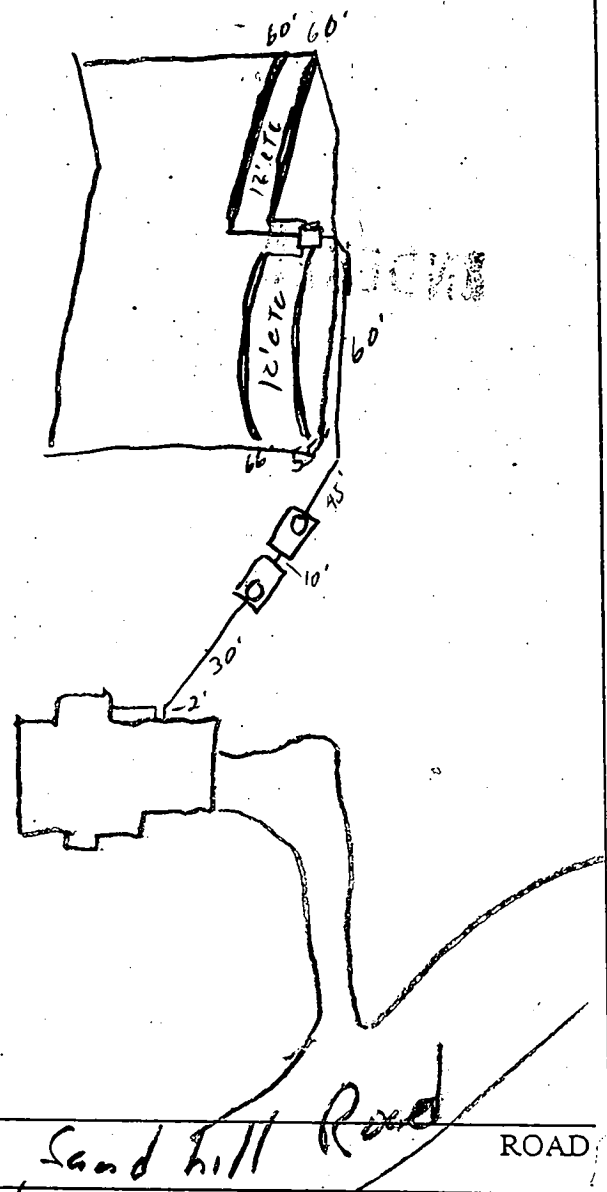
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

**BUILDING PERMIT SIGNED
AND RETURNED**
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

5-7-04 600147939-DEEK

4511444-L

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>3</u>	<u>2</u>	<u>4.5'</u>
NUMBER OF TRENCHES		<u>4</u>
TOTAL LENGTH		<u>241'</u>
ABSORPTION AREA		<u>723 #</u>
DISTRIBUTION BOX LEVEL		<u>✓</u>
DISTRIBUTION BOX BAFFLE		<u>✓</u>
DISTRIBUTION BOX PORT		<u> </u>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <u>✓</u>	
CAPACITY	<u>1250</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1.5'</u>
BAFFLES	<u>✓</u>
BAFFLE FILTER	<u> </u>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<u> </u>
WATERTIGHT TEST	<u> </u>
SEPTIC TANK 2 LEVEL <u>✓</u>	
CAPACITY	<u>1250</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>2.5-3'</u>
BAFFLES	<u>✓</u>
BAFFLE FILTER	<u> </u>
MANHOLE LOC	<u>Back</u>
6" PORT LOC	<u> </u>
WATERTIGHT TEST	<u> </u>

PRE-CONSTRUCTION 7/22/02 Lot staked, contour appears flatter than shown.
 Layout per BB, trenches will probably be straighter (SO)
 INSTALLATION 7/26/02 No one here (SO) 7/30/02 No house conn.
 made. OK to cover tanks & pressure line (SO)
7/31/02 OK to cover all work. House conn needed (SO)
8/26/02 Pump & Alarm tests OK (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 8/26/02



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 27, 2002

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

RE: The Estates @ Sandhill, Lot # 60
12012 Sand Hill Manor Drive
BP# B00134747
PUBLIC WATER

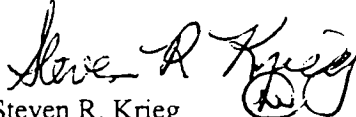
Dear Sir/Madam:

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 8/26/2002.**

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.

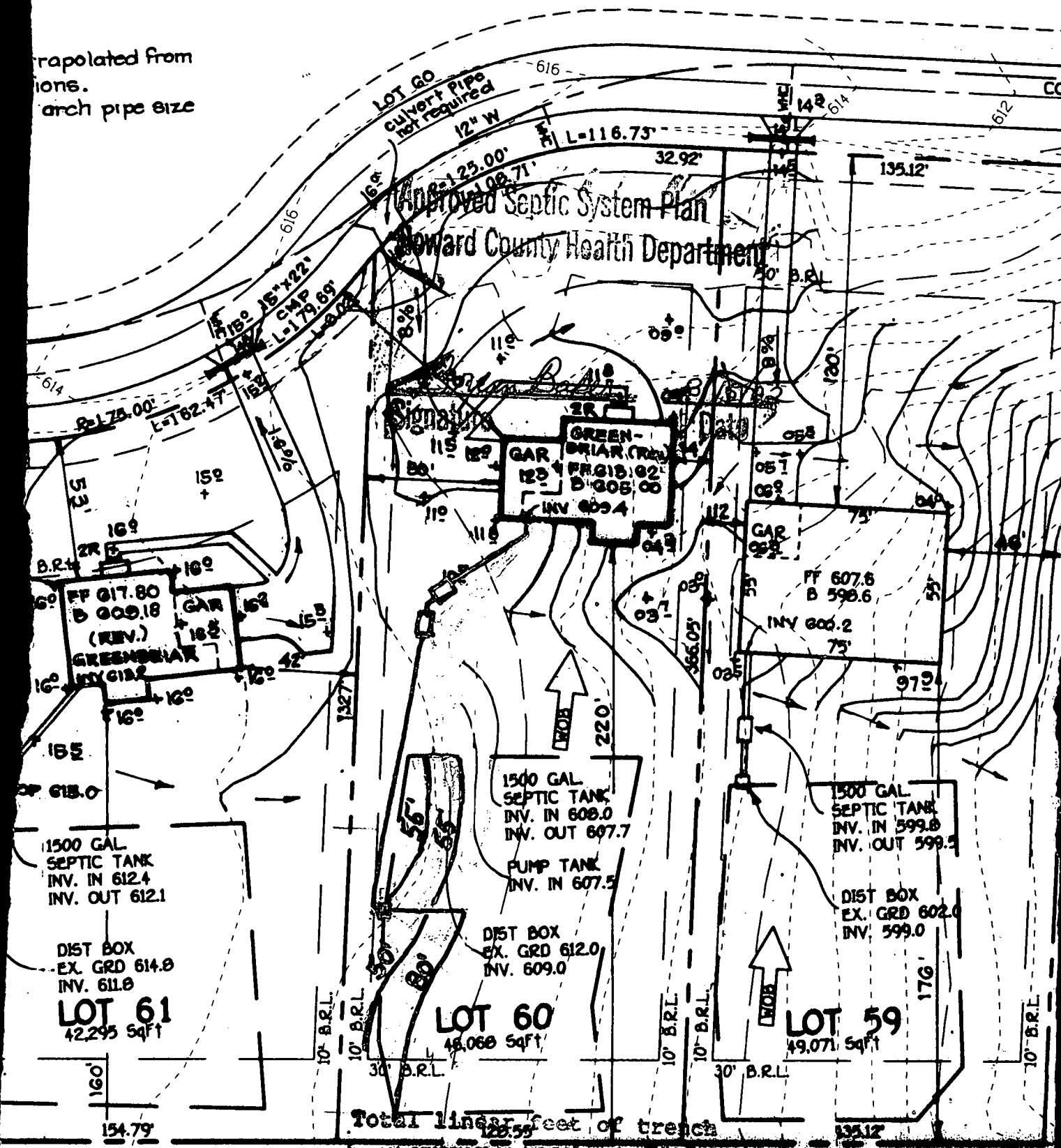
Approving Authority


Steven R. Krieg
Registered Environmental Sanitarian
Well & Septic Program

sjn
cc: Building Inspector's Office
File

trapolated from
ions.
arch pipe size

Approved Septic System Plan Howard County Health Department



Total linear feet of trench 240 feet
W 87' 10" required

Width of trench(es) 3.0 feet

Depth of trench(es) 4.0 feet

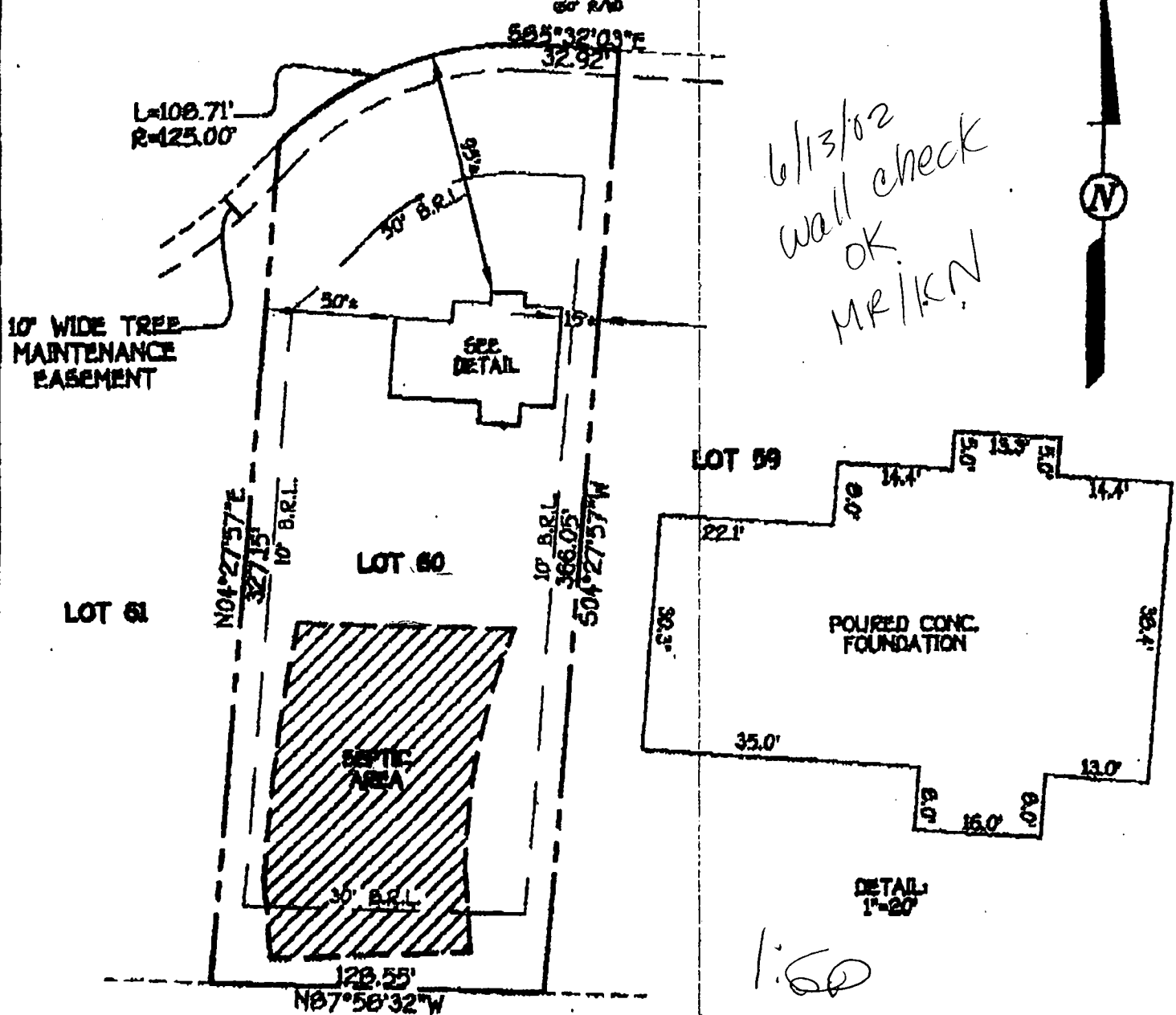
NOTE: LOT 60
BASEMENT WILL
NOT SEWER BY
GRAVITY
Depth of trench required below
distribution pipe 2.0 feet

NOTE: LOT 61
BASEMENT WILL
NOT SEWER BY
GRAVITY

NOTE: LOT 59
BASEMENT WILL
NOT SEWER BY
GRAVITY

- 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



B.R.L.-BUILDING RESTICTION LINE
 TOP OF FOUNDATION ELEV. 612.6'

LOT 60
 THE ESTATES AT SAND HILL
 LOTS 1 THROUGH 60
 NON-BUILDABLE PRESERVATION PARCEL A & B
 ELECTION DISTRICT No. 3
 HOWARD COUNTY, MARYLAND
 PLAT No. 14561

HOUSE LOCATION DRAWING

FOUNDATION LOCATIONS 6/13/02
 FINAL LOCATION
 BOUNDARY SURVEY

SCALE 1"=20'

DATE 6/13/02

DRAWN BY J.A.

CHECKED BY

PROJECT No. 151546

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

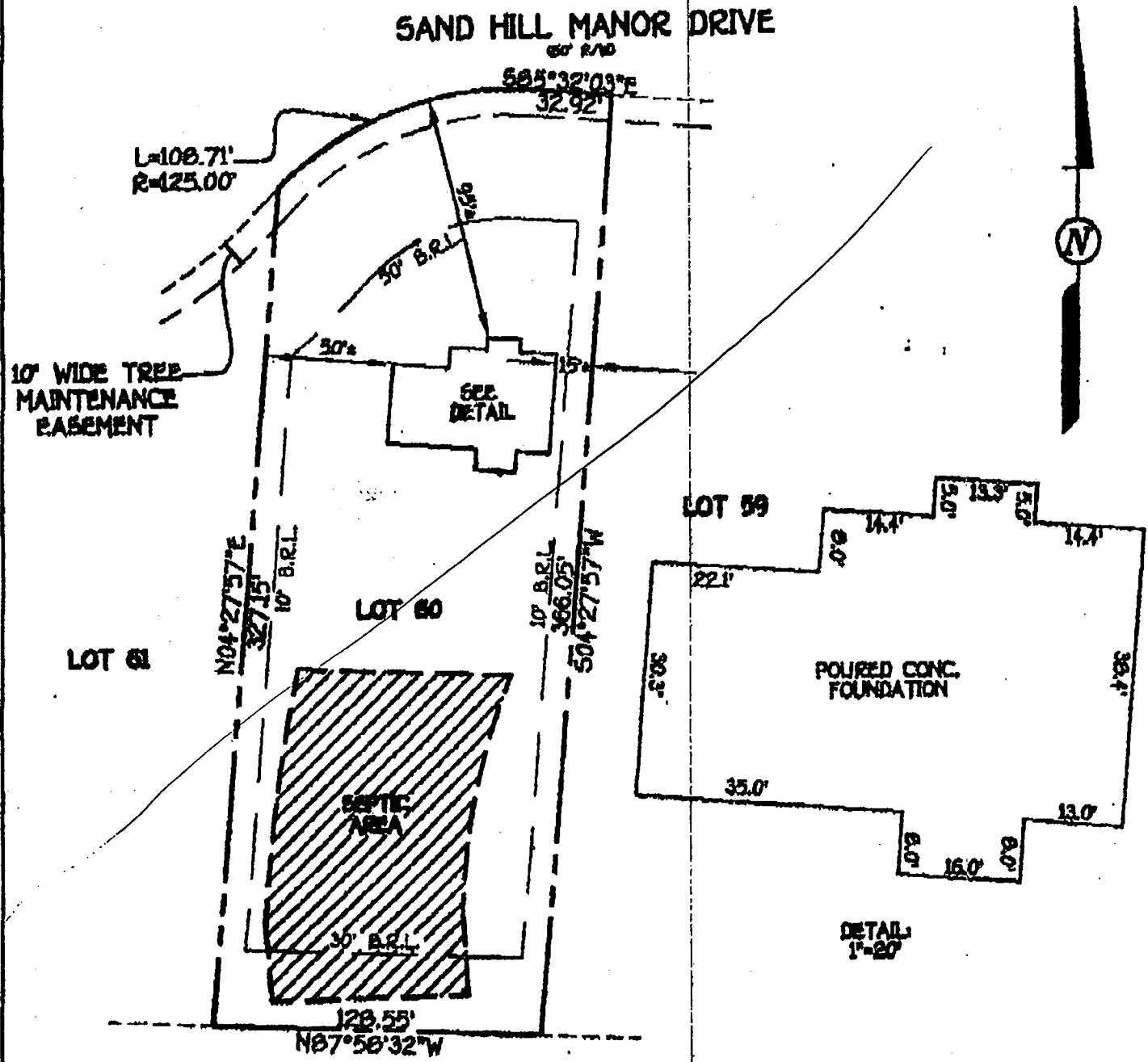
CENTRONAL SQUARE OFFICE PARK • 10772 BALTIMORE NATIONAL PIKE
 GAITHERSBURG, MARYLAND 20878
 (301) 461-2225



PROFESSIONAL ENGINEER
 REG. # 582

DATE 6/13/02

- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAN HEREON ARE TO BE MAINTAINED
 PLUS OR MINUS 1' (±)
 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.



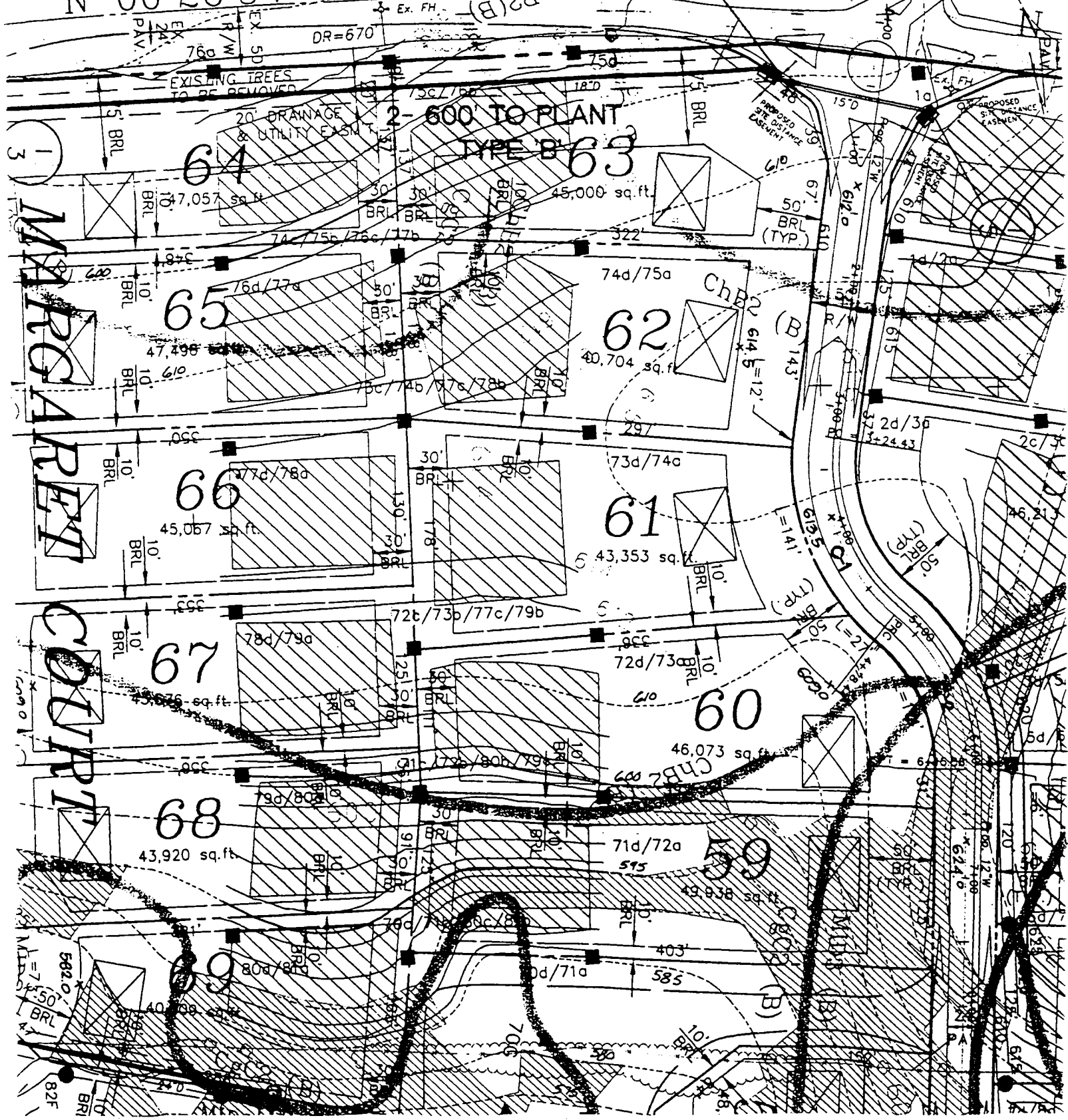
LOT 60
 THE ESTATES AT SAND HILL
 LOTS 1 THROUGH 60
 NON-BUILDABLE PRESERVATION PARCEL A & B
 ELECTION DISTRICT No. 3
 HOWARD COUNTY, MARYLAND

B.R.L. - BUILDING RESTRICTION LINE

SAND HILL ROAD (MINOR COLLECTOR)

4

N 00°26'54" W 666.91



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
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

73d-74a

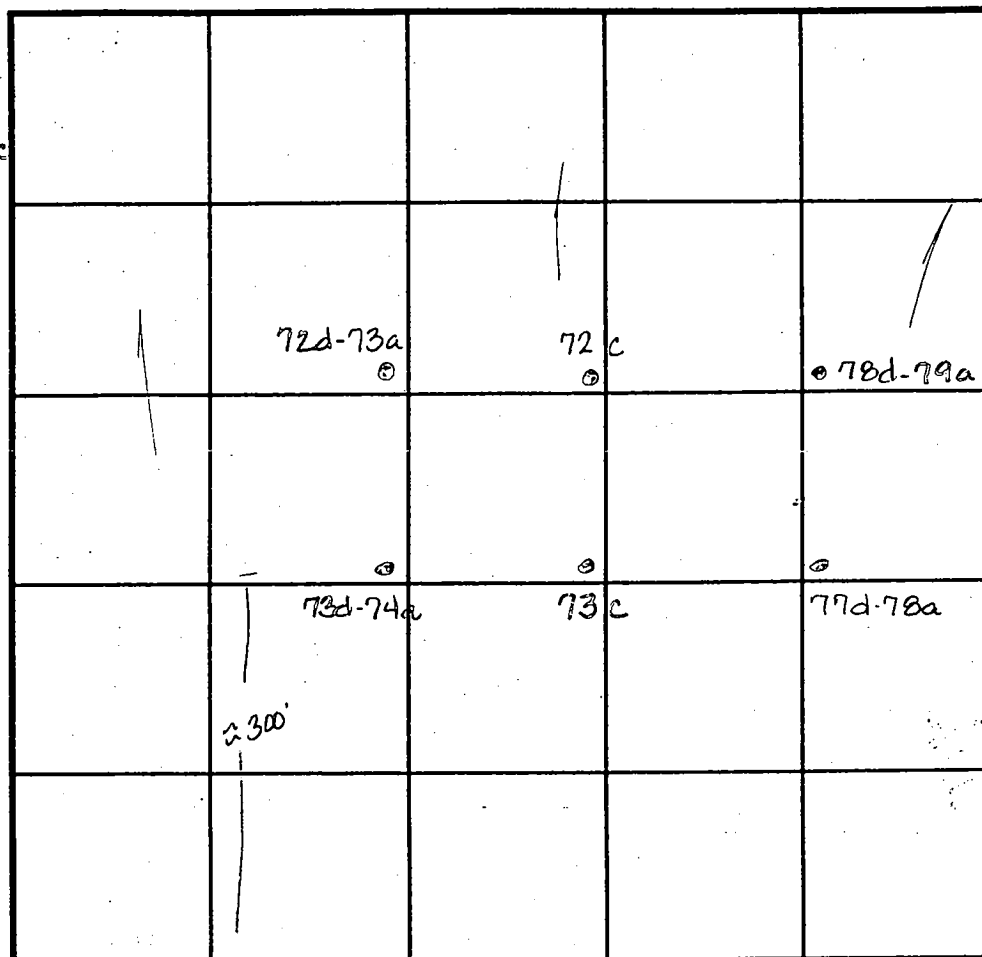
orange
brown
SiCLMred
&
yellow
SiLM
mottled,
not
H₂O

77d-78a

dark red
brown
SiCLMred
brown
SiSaLM
<5%
rockorange
brown
SiCLMbeigh
SiSaLM
micaceous
10%
saprolite
horizontal
strike

SOIL PROFILE

72c

red brn
SiCLMorange
brn
SiLMlgt
brown
SiSaLM
micaceous
<5%
shale

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Sand Hill Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-3-99	73d-74a	4.0 V12.0	1:39	1:41	1:41	1:43	2min
	73c	4.0 V12.0	1:47	1:48	1:48	1:52	4min
	77d-78a	4.0 V12.0	1:54	1:58	1:58	1:02	4min
	78d-79a	Visual	to 12.0	-sec	profile	—	OK
	72c	4.5 V12.0	2:08	2:09	2:10	2:11	1min
		8.5 V12.0	2:09	2:10	2:10	2:11	1min
	72d-73a	Visual	to 12.0	-sec	profile	—	OK

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

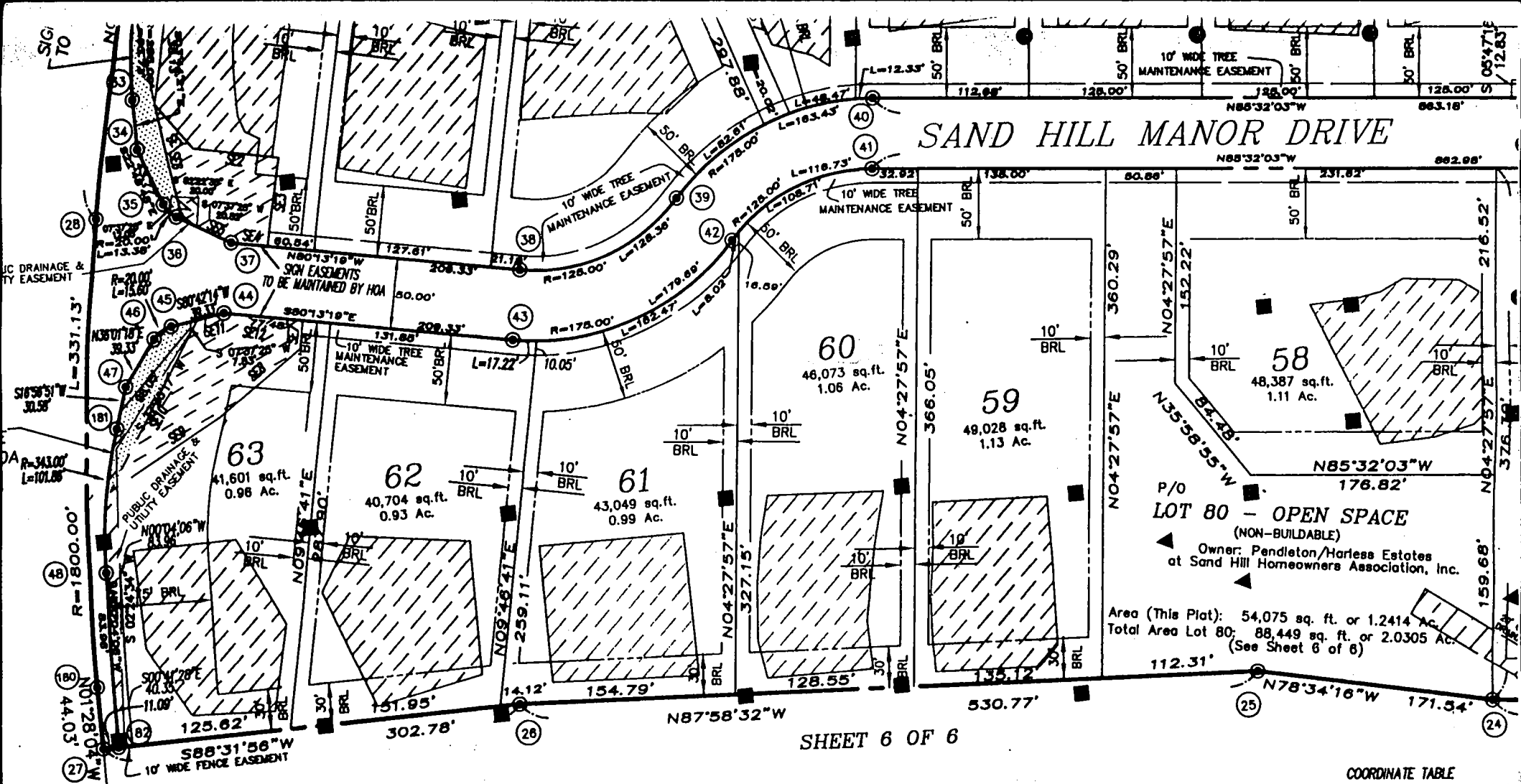
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

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



LOT TABULATION

AND/OR PARCELS - 22
- 19

Open Space - 1
Preservation Parcel - 0

Preservation Parcels - 2

LOTS 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.

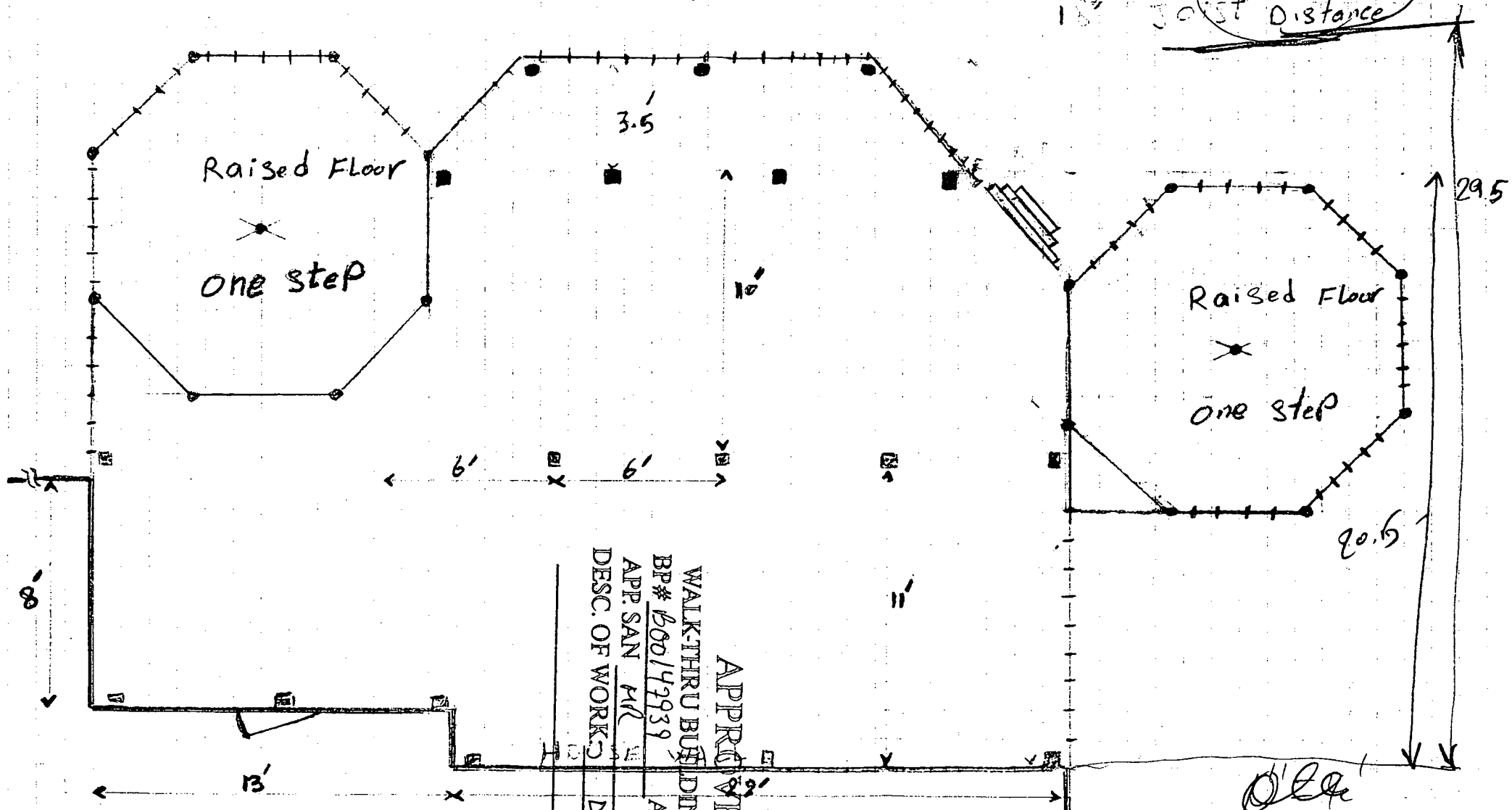
F.00.137
12.11.00

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	598233.11
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	598170.93	1333779.41	44	598525.7
20	598122.11	1333776.11	45	598519.4
21	598175.23	1333357.99	46	598511.4
22	598185.40	1331277.79	47	598479.6

POST 4x4
 2 x 8 LEGER + JOIST
 18" JOIST DISTANCE



1:5

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

B00147939

Building Address 12012 Sandhill Manor Dr.

Property Owner's Name Ahmad Shirazi

Marricottsville, M.D. 21104

Address 12012 Sandhill Manor Dr.

Suite/Apt. # SDP/WP/Petition #

City Marricottsville State MD Zip Code 21104

Census Tract 60300 Subdivision Sandhill

Home Phone 410-616-1253 Work Phone 7-3-3054668

Section Area Lot 60

Applicant's Name & Mailing Address, (if other than stated hereon):

Tax Map 16 Parcel 3 Grid X1

Zoning R2 Map Coordinates 106 Lot size

Phone Fax

Existing Use 300

Contractor Company

Proposed Use 300

Contact Person

Estimated Construction Cost \$

Address

Description of Work 2013F 2012

City State Zip Code

License No.

Phone Fax

Occupant or Tenant

Engineer or Architect Company

Contact Name

Contact Person

Address

Address

City State Zip Code

City State Zip Code

Phone Fax

Phone Fax

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics

Utilities

Height
No. of stories
Gross area, sq. ft. per floor
Use group
Construction type
Reinforced Concrete
Structural Steel
Masonry
Wood Frame
State Certified Modular

Water Supply
Public
Private
Sewage Disposal:
Public
Private
Electric Yes ☐ No ☐
Gas Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐
Sprinkler system: N/A ☐
Full
Partial
Other Suppression
of Heads

Building Characteristics

Utilities

SF Dwelling ☒ SF Townhouse ☐
Depth Width
1st floor
2nd floor
Basement:
Finished Basement ☒ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms 4
Multi-family dwellings
No. of efficiency units
No. of 1 BR units
No. of 2 BR units
No. of 3 BR units
Other Structure
Dimensions
Footings
Roof
State Certified Modular
Manufactured Home

Water Supply
☒ Public
Private
Sewage Disposal:
Public
Private
Electric Yes ☐ No ☐
Gas Yes ☒ No ☐
Heating System:
Electric ☒ Oil ☐
Natural Gas ☒
Propane Gas ☐
Sprinkler system: N/A ☒
NFPA #13D
NFPA #13R
Other

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERE TO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature

Print Name

Title/Company

Date

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

** PLEASE WRITE NEATLY AND LEGIBLY **

FOR OFFICE USE ONLY

AGENCY

DATE

SIGNATURE APPROVAL

DPZ SETBACK INFORMATION

PROPERTY ID#

53826