

LAYOUT 3/25/03 11AM INSP 4 4/1/03 3pm
INSP 2 ~~3/26/03 1pm~~ INSP 5 5/23/03 11AM
INSP 3 3/28/03 2:30PM INSP 6 _____

ISSUE DATE: 2/7/2003

APPROVAL DATE: 5/23/03

PERMIT INDEXED

P 518539

A 511444-K

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

03-334988

South Carroll Backhoe

IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION: The Estates at Sandhill LOT NUMBER: 59

ADDRESS: 12016 Sandhill Manor Drive PROPERTY OWNER: Douglas Homes Inc

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED ☐

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 300

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 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box approximately 25 feet downhill from the center of the two highest easement stakes (as shown on the building permit plan). Run trenches on contour in both directions.
NOTES:	Trenches must be 10 feet center-to-center where contour allows. A pump is not required for the first two systems.

PLANS APPROVED: Brian Baker OKJB 2/6/02 DATE: 11/18/2002

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

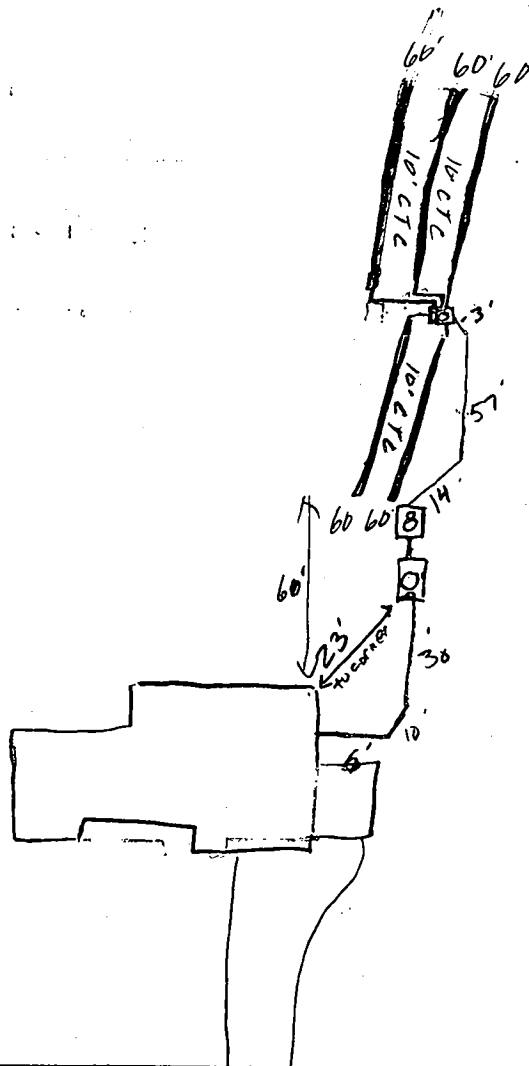
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM**

BUILDING PERMIT SIGNED AND RETURNED
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

7-1-04 886149189-DECK

A511444-K

NOT TO SCALE



Sand Hill Ct.

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>3</u>	<u>2'</u>	<u>4'</u>
NUMBER OF TRENCHES		
<u>5</u>		
TOTAL LENGTH		
<u>300'</u>		
ABSORPTION AREA		
<u>900sf</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>1500</u>	GAL
SEAM LOC	<u>top</u>	
TANK LID DEPTH	<u>3</u>	
BAFFLES	<u>✓</u>	
BAFFLE FILTER	<u>N/A</u>	
MANHOLE LOC	<u>Middle</u>	
6" PORT LOC	<u>Front</u>	
WATERTIGHT TEST	<u>N/A</u>	
SEPTIC TANK 2 LEVEL <u>Pump Pit</u>		
CAPACITY	<u>1500</u>	GAL
SEAM LOC	<u>top</u>	
TANK LID DEPTH	<u>3</u>	
BAFFLES	<u>N/A</u>	
BAFFLE FILTER	<u>N/A</u>	
MANHOLE LOC	<u>Middle</u>	
6" PORT LOC	<u>rear</u>	
WATERTIGHT TEST	<u>✓</u>	

PRE-CONSTRUCTION 3/25/03 SDA NOT STAKED; only 1 stake for lot line. Called Builder.
 Topo is accurate - OK TO PLACE S.T. Installer is aware of BB's instructions (KN)
 INSTALLATION 3/26/03 - NO INSP PERFORMED, TELEPHONE CONVERSATION w/ KENNY SCHISLER
 OR SOUTH CARROLL - (SRK) 3/28/03 Permitted contractor to back fill tank, pump pit, + 1st Trench. Job
 shut down until fill is removed from SDA + natural grade is restored. OK to back fill what
 has already been dug (SB) 3/31/03 Met w/ Builder & Contractor. Move trenches to
 top part of SRA. Restore grade in middle (B/SO) 4/1/03 Needs house
 conn. Needs pump & Alarm tests test. OK to cover all work (SO)
 5/23/03 Pump & Alarm tests OK (SO)

FINAL INSPECTOR

DATE OF APPROVAL

5/23/03



Howard County
Health Department

3525 H Ellicott Mills Drive • Ellicott City, MD 21043
(410) 313-2640 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 28, 2003

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

SENT VIA FACSIMILE 410-750-2921

RE: The Estates @ Sand Hill, Lot # 59
12016 Sand Hill Manor Drive
BP# B00138728
PUBLIC WATER

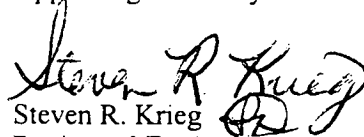
Dear Sir/Madam:

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 5/23/2003.**

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

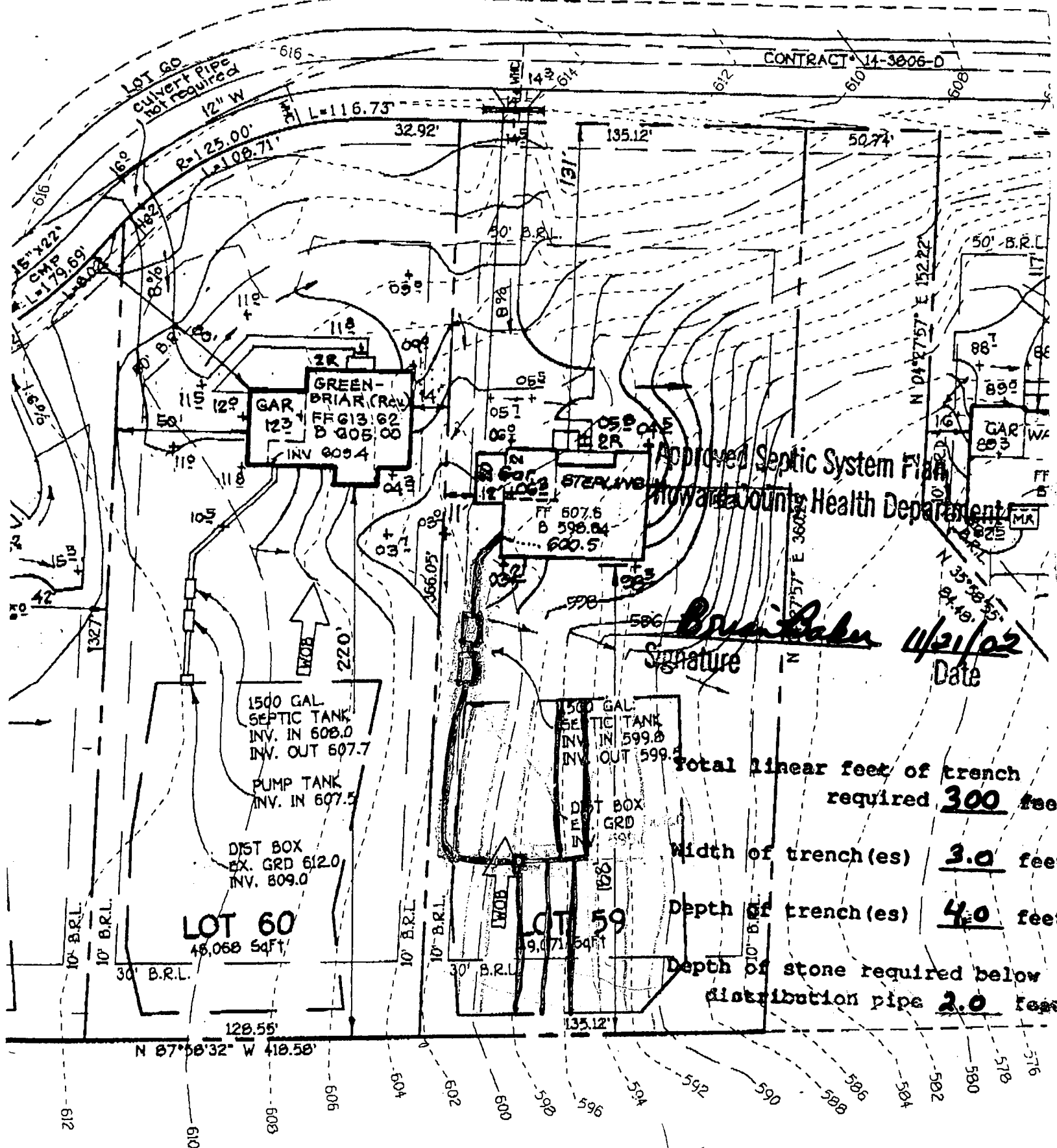
By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority


Steven R. Krieg
Registered Environmental Sanitarian
Well & Septic Program

sjn
cc: Building Inspector's Office
File

ATTN: DANA



Approved Septic System Plan
Howard County Health Department

Brian Baker
Signature
4/21/02
Date

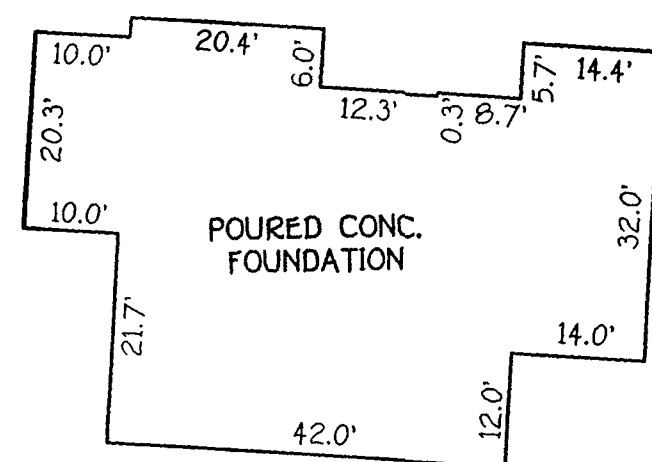
Total linear feet of trench required **300** feet
Width of trench(es) **3.0** feet
Depth of trench(es) **4.0** feet
Depth of stone required below distribution pipe **2.0** feet

NOTE: LOT 60
BASEMENT WILL

NOTE: LOT 59
BASEMENT WILL
NOT SEWER BY
GRAVITY

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 B EFFECTIVE DEC. 4, 1985.
- 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.



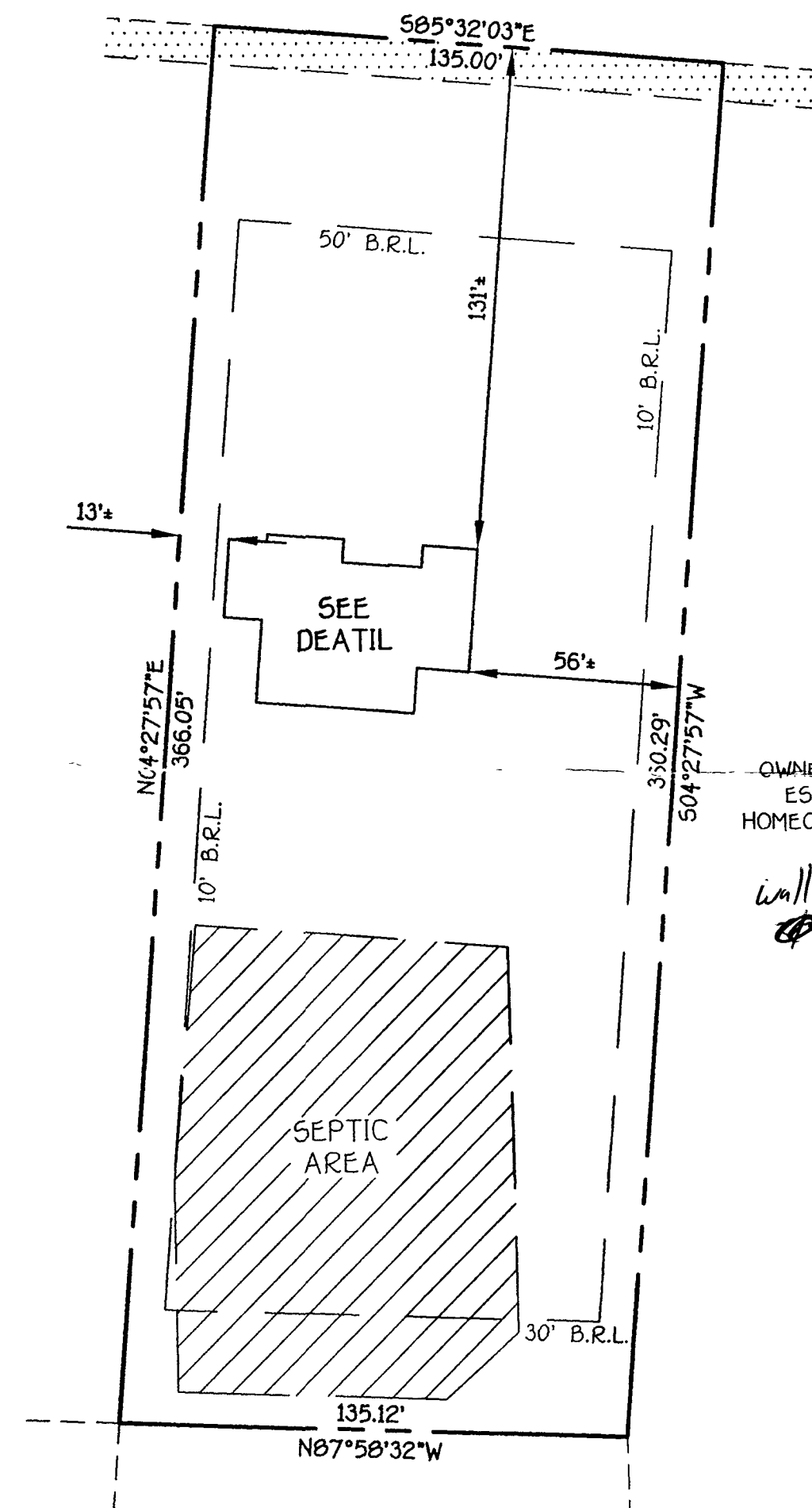
DETAIL:
1"=20'

SAND HILL MANOR DRIVE
(50' R/W)

LOT 60

LOT 68

LOT 69



LOT 80
OPEN SPACE
(NON-BUILDABLE)
OWNER: PANIFTON/HARLESS
ESTATES AT SAND HILL
HOMEOWNERS ASSOCIATION, INC.

will check ok.
2/6/03 (53)

HOUSE LOCATION DRAWING

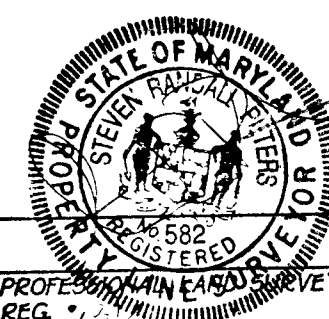
FOUNDATION LOCATION: 12/26/02
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=40'
DATE: 12/27/02
DRAWN BY: A.K.O.
CHECKED BY: S.R.P.
PROJECT No.: 61646

LOT 59
THE ESTATES AT SAND HILL
LOTS 1 THRU 80
NON-BUILDABLE PRESERVATION PARCELS A & B
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT NO. 14581

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2855

B.R.L. = BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV. 605.7'±



PROFESSIONAL ENGINEER SURVEYOR DATE 12/27/03
REG. 582



Howard County
Health Department

3525 H Ellicott Mills Drive • Ellicott City, MD 21043
(410) 313-2640 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

Fax

To: Dana From: Brian Baker
Fax: (410) 750-2921 Pages: 3 Total
Phone: _____ Date: 11/13/02
Re: Estates at Sandhill-Lot 59 CC: File

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

The initial system will go in the middle of the easement and use gravity. The final top system will need a pump in the second tank. The only real differences between the original plan and the revised plan are two tanks instead of one and the distribution box in the middle of the easement. (Trenches can't be longer than 100'). If this looks O.K. or if there might be a problem, my number is (410) 313-2643. I won't be in but I do have voice mail.

Thanks

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; Clyde 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 #

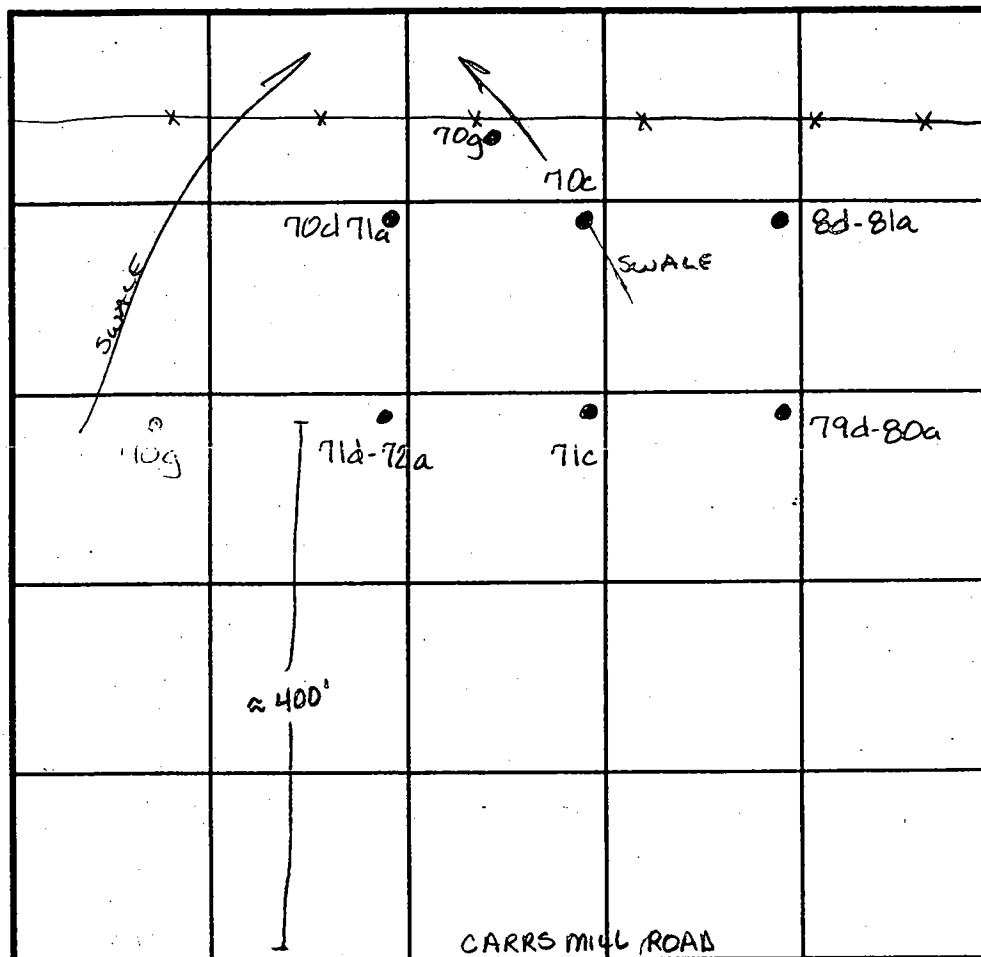
SOIL PROFILE
71d-72aorange
brown
SiLmVery
micaceous
Saprolite
approaching
50%.

refusal

70d-71a

red brn
SiLmlgt
brown
SaLmmicaceous
SiLm
20%
shale79d-80a
71corange
brn
SiLmred
brn
SaLm
30%
micaceous

Saprolite



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 70c
80d-81ared
brown
SiLmbright
red
SiLm
45%
shale

70g

no
distinct
clay layer
dark red
brown
SaLm
micaceous
50% R.R.
water @ 10.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-3-99	71d-72a	2.5 V9.0	2:17 ³⁰	2:18 ³⁰	2:18 ³⁰	2:19 ³⁵	45sec
		5.5 V9.0	2:31 ³⁰	2:32	2:32	2:32 ⁴⁵	45sec
		repour	2:35 ⁴⁵	2:37	2:37	2:38 ⁴⁵	1 3/4 min
	71c	30 V12.0	2:43 ³⁰	2:44 ³⁰	2:44 ³⁰	2:45 ³⁰	1 min
	70d-71a	Visual to	12.0 - see profile				OK
	79d-80a	4.0 V12.0	2:47	2:29	2:29	2:31	
	80d-81a	Visual	to 12.0 - see profile				OK
	70c	35 V12.0	2:55	2:56	2:56	2:57	1 min
		7.5 V12.0	2:56 ³⁰	2:57 ³⁰	2:57 ³⁰	2:59	1 1/2 min
5-5-99	70g	Visual	to 12.0	Insufficient for H ₂ O			Fr.

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

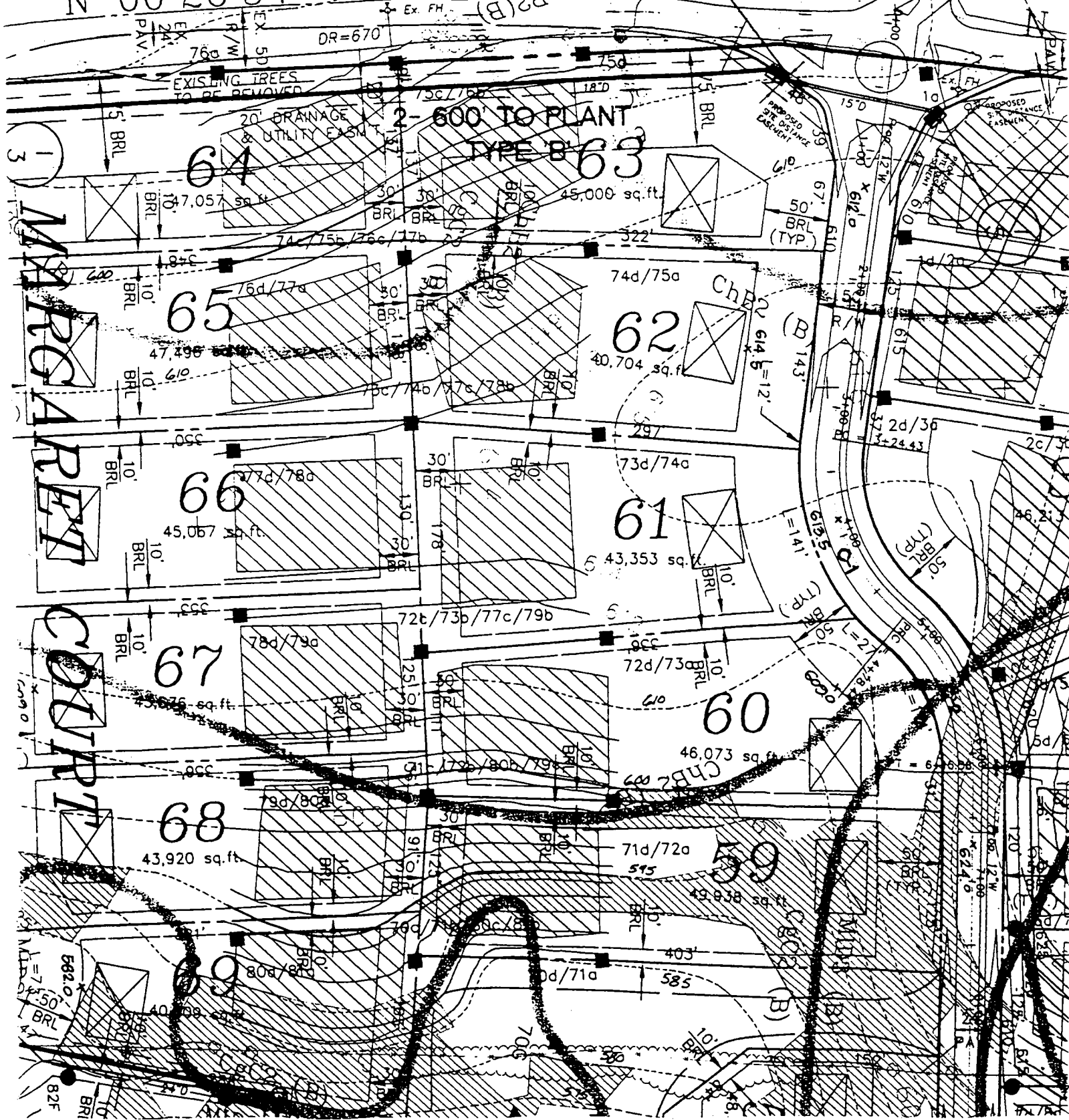
INLET DEPTH

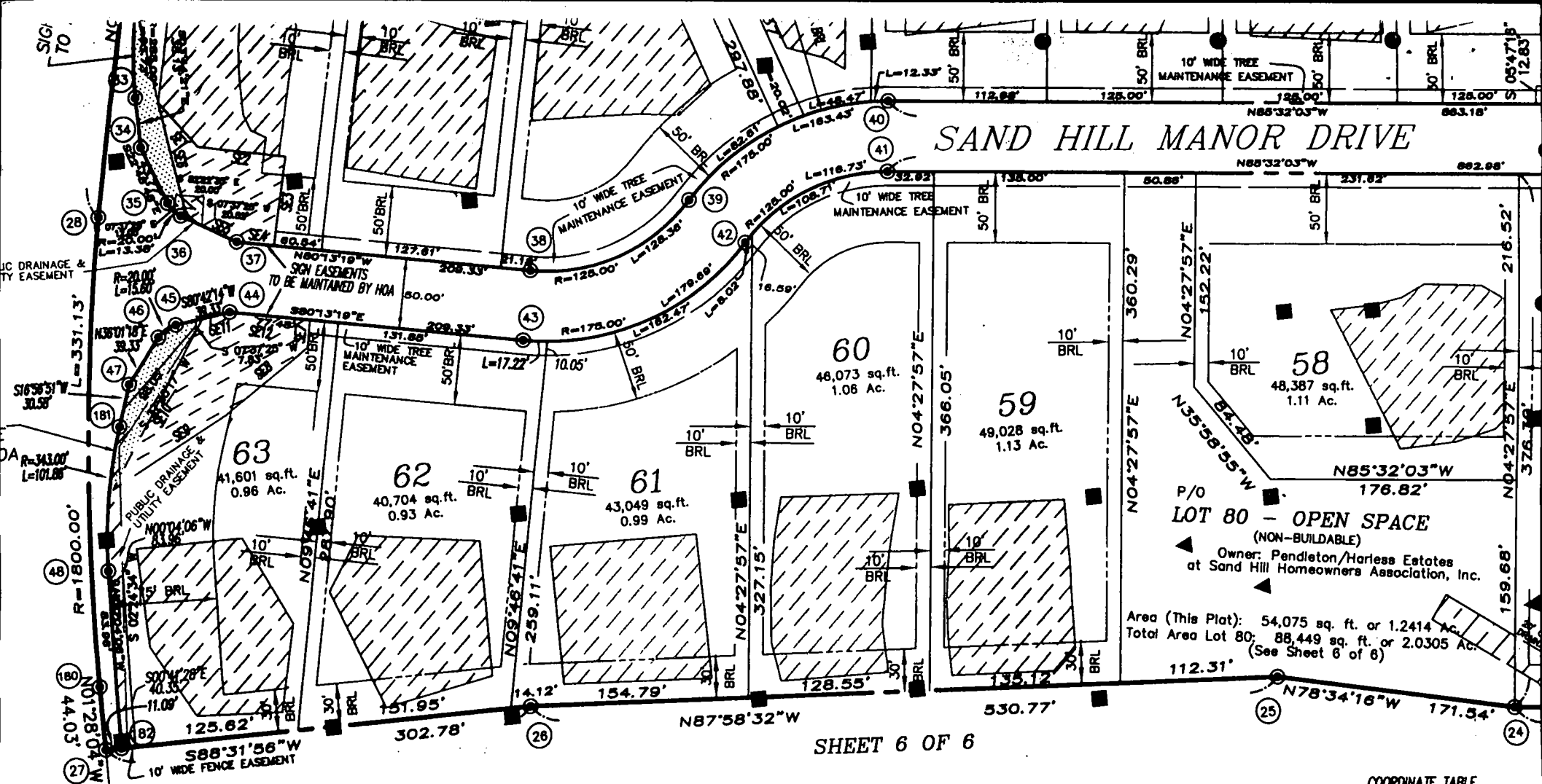
MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

SAND HILL ROAD (MINOR COLLECTOR)

N 00°26'54" W 666.91





LOT TABULATION

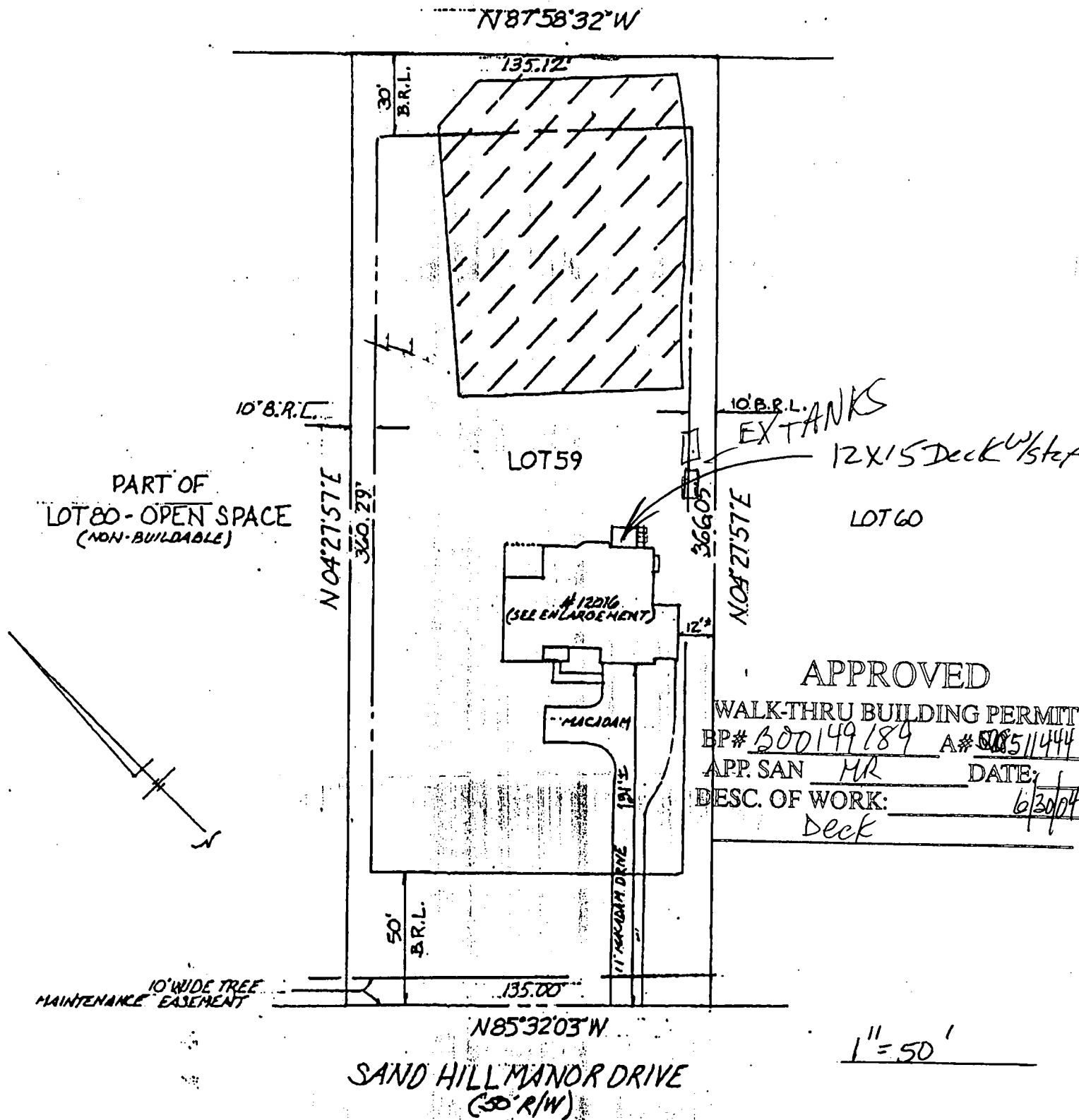
AND/OR PARCELS - 22
 - 19
 Open Space - 1
 Preservation Parcel - 0
 Preservation Parcels - 2
 TOTALS AND/OR PARCELS - 29.6563 Ac.
 - 19.9855 Ac.
 Open Space - 1.2414 Ac.
 Preservation Parcels This Plat:
 Buildable Preservation Parcel A - 2.1732 Ac.
 Buildable Preservation Parcel B - 6.2562 Ac.
 ROAD RIGHT-OF-WAY - 2.0189 Ac.
 for Drive - 1.7085 Ac.
 - 0.3104 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	1332087.84	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	598800.80	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	133379.41	44	598525.7
20	598122.11	1333776.11	45	598519.4
21	598175.23	1333357.99	46	598511.4
22	598185.40	1333227.79	47	598479.6



HOWARD COUNTY
PERMIT APPLICATION

PERMIT NUMBER

B-00149189

Building Address 12016 Sand Hill Manor Rd
Marriottsville 21104 MD

Suite/Apt. # SDP/WP/Petition #

Census Tract 6030 Subdivision Sand Hill West

Section 1 Area 1 Lot 59

Tax Map 16 Parcel 3 Grid 1

Zoning RR000 Map Coordinates 1-61 Lot size

Existing Use Single Family Home

Proposed Use NEW WOOD DECK

Estimated Construction Cost \$ 2500.00

Description of Work 12X15 WOOD DECK

With steps to grade

Occupant or Tenant SAME AS OWNER

Contact Name

Address

City State Zip Code

Phone Fax

Property Owner's Name Jessica Oxenham

Address 12016 Sand Hill Manor Rd

City Marriottsville State MD Zip Code 21104

Home Phone 410 412 2711 Work Phone 410 992 0998

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

James T. Edwards

606 Main Street

Parkersburg MD 21136

Phone 410 833 5525 Fax 410 833 4602

Contractor Company Columbia Home Contractors

Contact Person James T. Edwards

Address 606 Main Street

City Parkersburg State MD Zip Code 21136

License No. 45320

Phone 410 610 4402 Fax 410 833 4602

Engineer or Architect Company

Contact Person

Address

City State Zip Code

Phone Fax

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics

Height:

No. of stories:

Gross area, sq. ft. per floor:

Use group:

Construction type:

 Reinforced Concrete

 Structural Steel

 Masonry

 Wood Frame

 State Certified Modular

Utilities

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 DESCRIPTION - RESIDENTIAL

Building Characteristics

SF Dwelling ☒ SF Townhouse ☐

 Depth Width

1st floor:

2nd floor:

Basement:

Finished Basement ☐ Unfinished Basement ☐

Crawl space ☐ Slab on Grade ☐

No. of Bedrooms:

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

Utilities

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 THERETO; (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

Title/Company

AGENCY

DATE

SIGNATURE APPROVAL

Print Name

Date

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

** PLEASE WRITE NEATLY AND LEGIBLY **

FOR OFFICE USE ONLY

DPZ SETBACK INFORMATION

PROPERTY ID# 56349