

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:

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

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

0' 2d-3a
red
orange
SiClm

+0.0 brown
grey
Salm
25%
saprolite
mq
deposits

2.0 1d-2a
2c-3b

orange
brown
SiClm

orange
&
beigh
Salm
horizontal
saprolite
25%

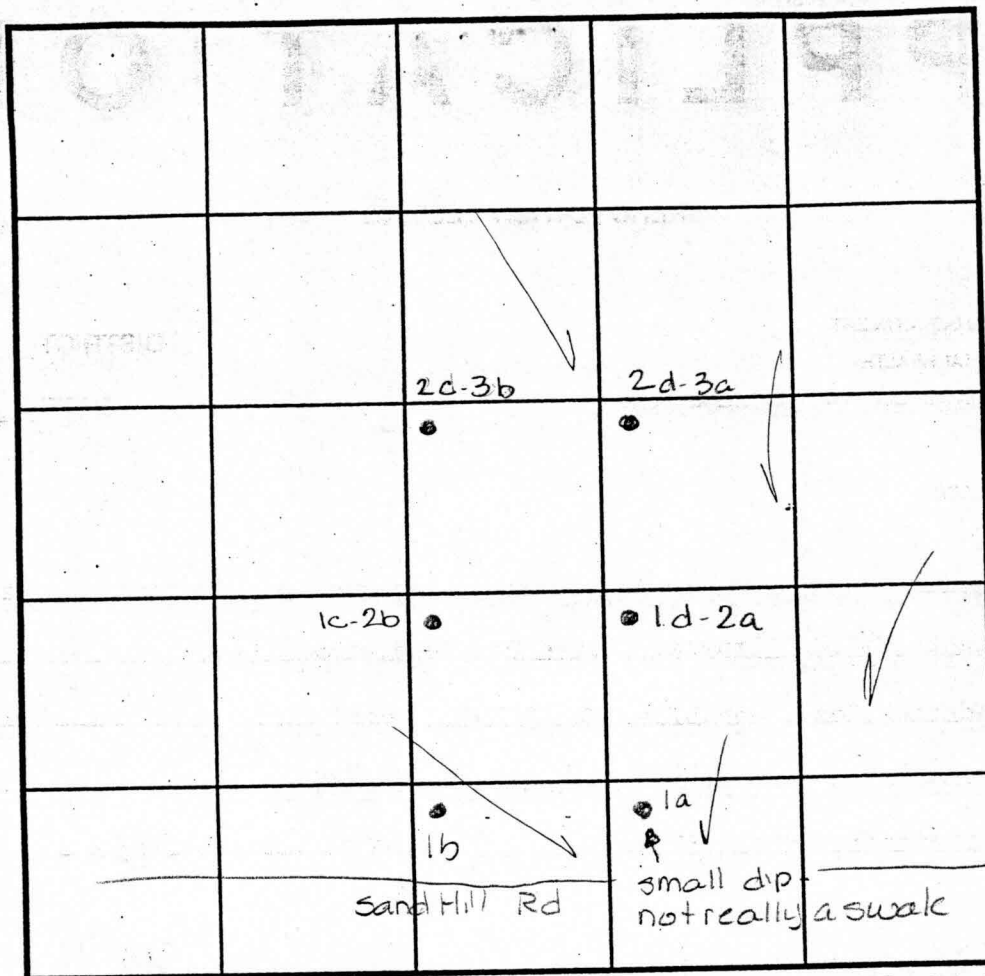
1c-2b

1g
brown
SiClm

3.0 orange
brn
SiClm

9.0 beigh
Salm
40%
saprolite
OK
shallow

12.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 1b
red
brown
SiClm

4.0 dark
brn
Salm
20%
shale
mq on
R_x
bases

2.0 1a
dark brn
SiClm
no change

9.0 40% R_x
dark
brn SiClm

12.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-2-99	2d-3a	4.5 V12.0	11:04	11:08	11:08	11:13	5min
	2c-3b	Visual	to 12.0	-see profile			OK
	1d-2a	5.0 V12.0	11:13	11:14 ³⁰	11:14 ³⁰	11:16 ³⁰	2min
	1c-2b	4.5 V12.0	11:22	11:23	11:23	11:24	1min
		9.0 V12.0	11:24	11:25 ³⁰	11:25 ³⁰	11:27	1 1/2 min
	1b	Visual	to 12.0	-see profile			OK
	1a	4.5 V11.0	11:30	11:35	11:35	11:41	6min

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

COUNTY #

SOIL PROFILE

0' 3c-5b
red
brown
silt
clm

0' 5c-6b
beigh
salm
micaceous
20%
saprolite

0' 5d-6a
beigh
salm
30%
mica
saprolite
mg
deposits

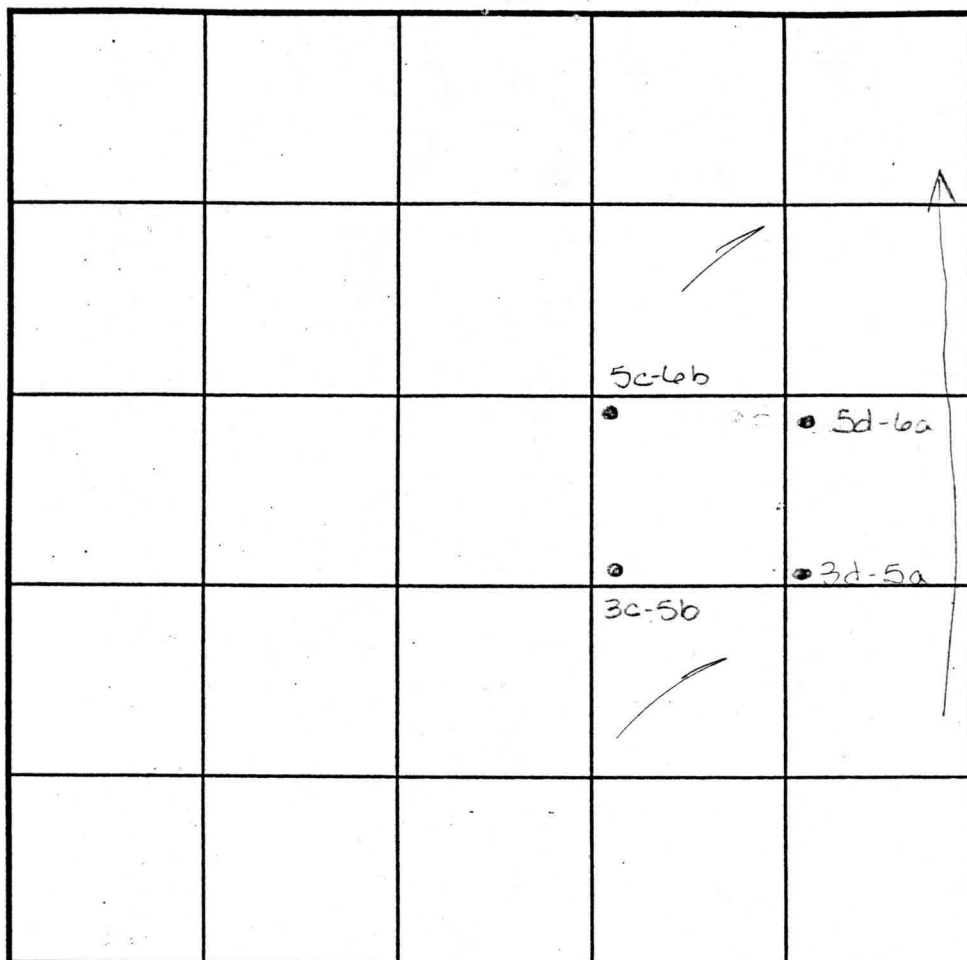
5d-6a

yellow
orange
silt
clm

0' 5c-6b
light
brown
salm
20%
shale
micaceous

5c-6b

like
5d-6a
but
30%
shale



SOIL PROFILE

0' 3d-5a
orange
brown
silt
clm

4.0' 5d-6a
orange
brown
silt
20%
shale

12.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Sand Hill Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-3-99	3c-5b	4.0 V12.0	10:25	10:26 ³⁰	10:26 ²⁰	10:28 ³⁰	2min ✓
		3.0 V12.0	10:26	10:27 ³⁰	10:27 ³⁰	10:32 ³⁰	3 1/2 min ✓
	5d-6a	4.5' V12.0	10:47	10:48 ³⁰	10:48	10:50	2min
	5c-6b	Visual	to 11.0	- see	profile	—	OK
	3d-5a	4.0 V12.0	10:54	10:57	10:57	10:59	2min ✓

REMARKS

TYPE OF SOIL

TESTED BY

Amy McMillen

ALSO PRESENT

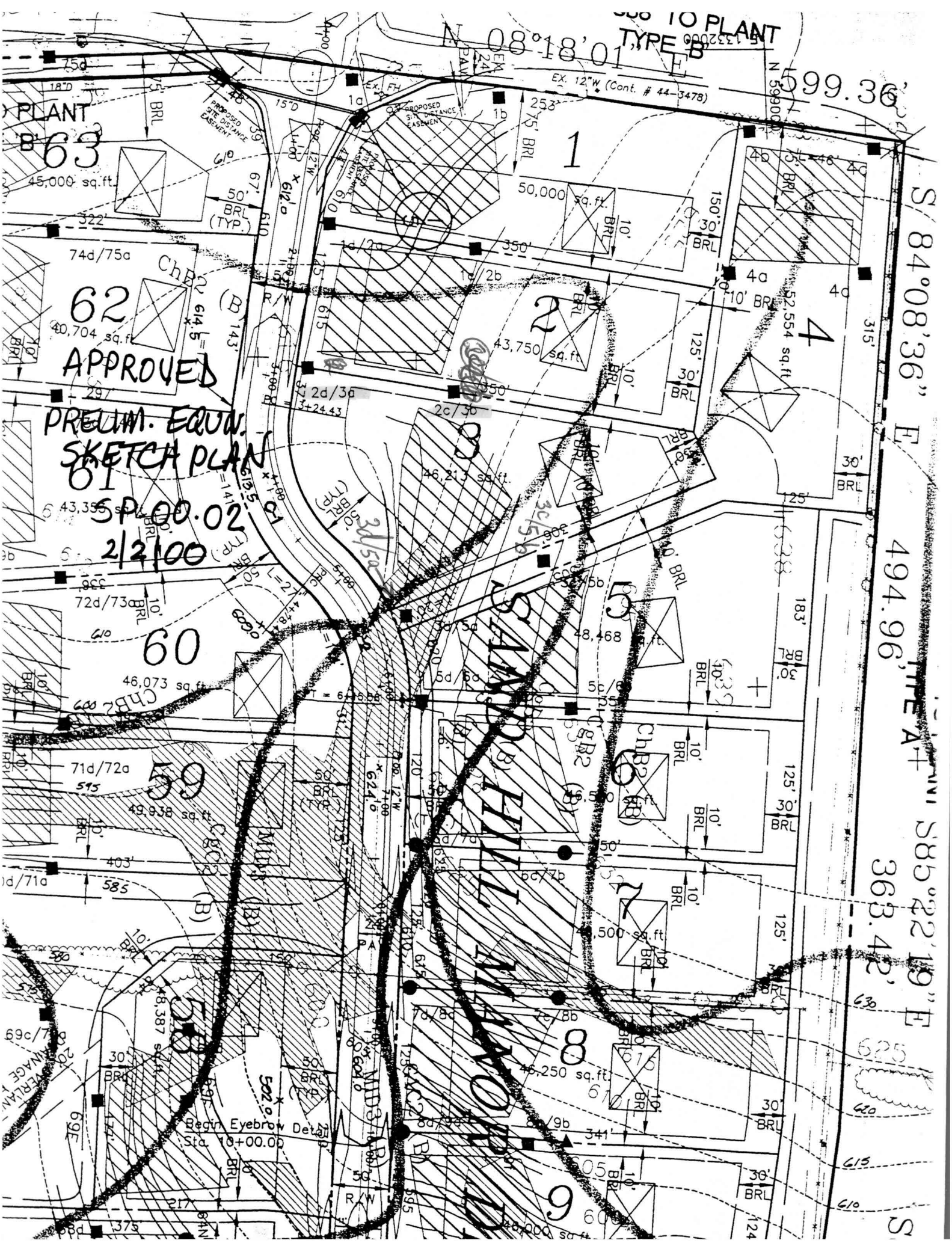
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



TO PLANT
TYPE B

EX. 12" W (Cont. # 44-3478)

PLANT
B 63

45,000 sq. ft.

62

APPROVED

PRELIM. EQUIN.
SKETCH PLAN

SP. 00.02

2/2/00

60

46,073 sq. ft.

59

49,938 sq. ft.

SAND HILL MANORS ROAD

S 84°08'36" E
494.96'
363.42'
585°22'19" E

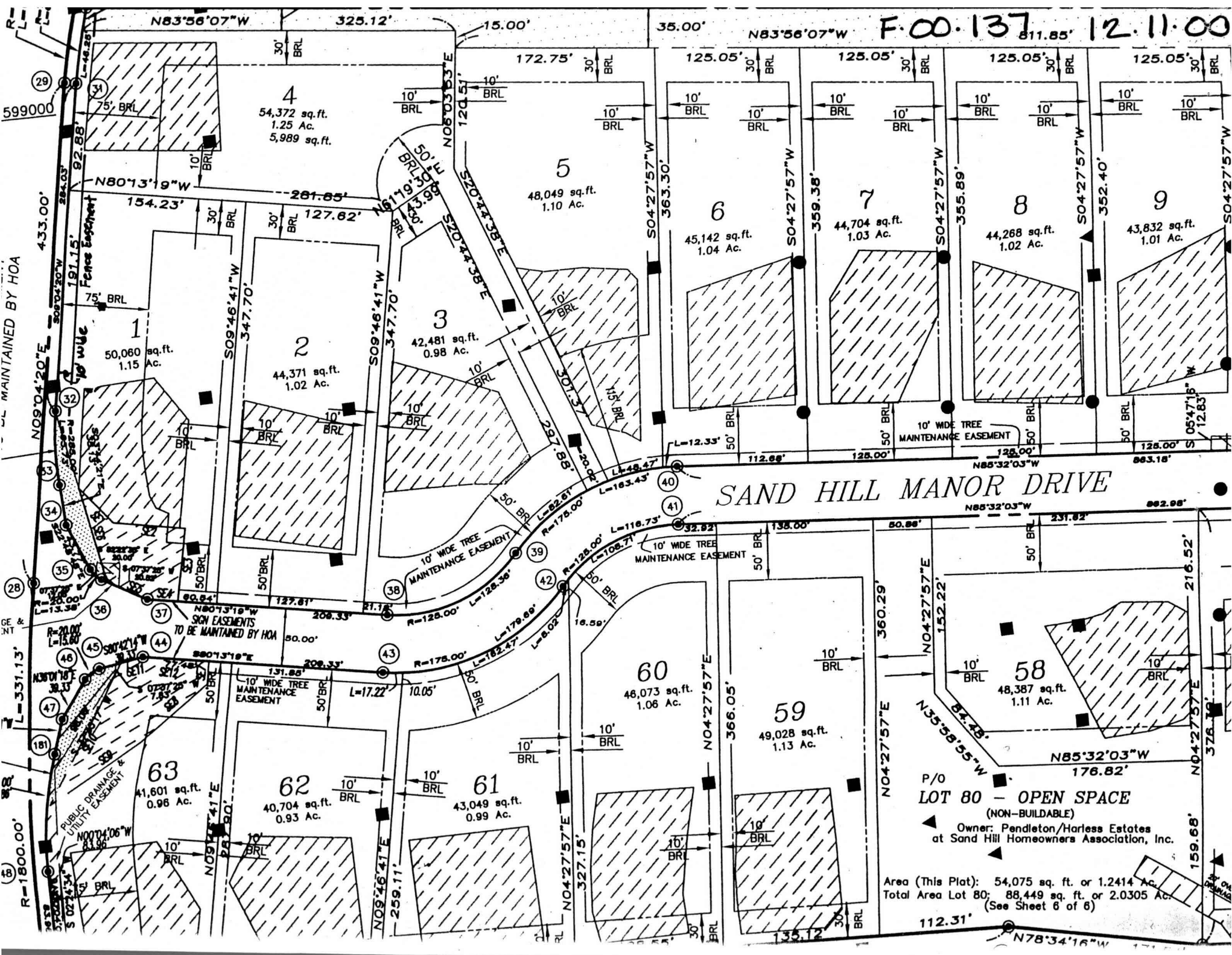
8

46,250 sq. ft.

9

46,000 sq. ft.

Begin Eyebrow Detail
Sta. 10+00.00



SAND HILL MANOR DRIVE

LOT 80 - OPEN SPACE
(NON-BUILDABLE)

Owner: Pendleton/Harless Estates
at Sand Hill Homeowners Association, Inc.

Area (This Plat): 54,075 sq. ft. or 1.2414 Ac.
Total Area Lot 80: 88,449 sq. ft. or 2.0305 Ac.
(See Sheet 6 of 6)