

9/15/03 PRE-LAYOUT INSPECTION (FA)

LAYOUT _____ INSP 4 _____
INSP 2 2:00 F/4 9/10 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: _____

APPROVAL DATE: 12/17/03

PERMIT INDEXED

P 519088-A

A 511435-B

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

RPS# 334066

Fogles Septic Clean, Inc

IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION: The Estates @ Sandhill LOT NUMBER: 2

ADDRESS: 12005 Sandhill Manor Drive 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

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box on the 620' contour line at the NE corner of the sewage disposal area.
NOTES:	Install 3 - 80 foot long trenches, on contour, with 9 foot edge-to-edge separation.

PLANS APPROVED: John A. Boris 8/15/03 O.K. (BB) DATE: 7/21/2003

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

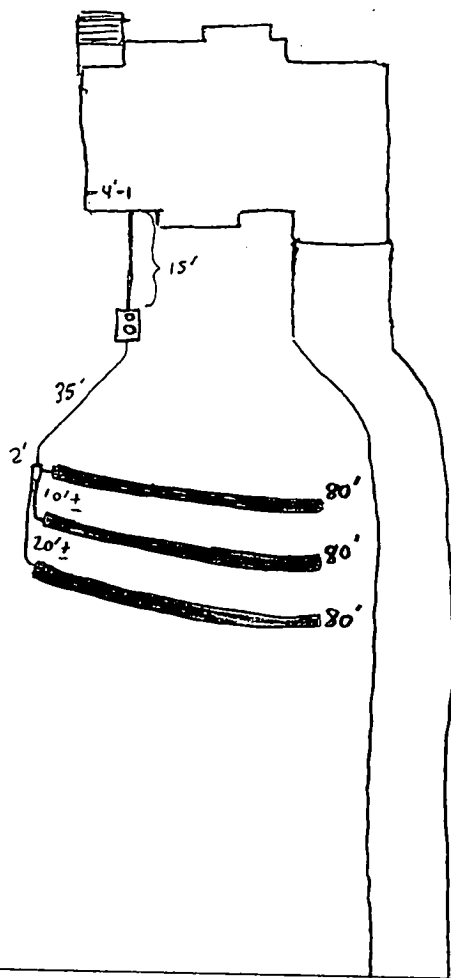
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

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
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A511435-B

NOT TO SCALE



12005 SANDHILL MANOR DRIVE

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 ft ²
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		NA

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	✓
BAFFLE FILTER	NA
MANHOLE LOC	center
6" PORT LOC	front
WATERTIGHT TEST	NA
SEPTIC TANK 2 LEVEL	NA
CAPACITY	↑ GAL
SEAM LOC	↑
TANK LID DEPTH	↑
BAFFLES	↑
BAFFLE FILTER	↑
MANHOLE LOC	↑
6" PORT LOC	↑
WATERTIGHT TEST	↓

PRE-CONSTRUCTION 9/15/03 SEPTIC EASEMENT AREA STAGED; KENNY MAINS WILL CALL LATER FOR INSPECTION ONCE TANKS, DB & TRENCHES ARE BEING INST. (FA)

INSTALLATION 9/16/03 NO WORK (SO) 9/17/03 - OK TO COVER ALL WORK
SYSTEM NEEDS HOUSE CONNECTION - (SRK/FA) 12/17/03 - House conn made (SO)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

12/17/03



Howard County
Health Department

3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-1771 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

December 17, 2003

Oak Hill Properties, LLC
107 Loudoun Street, SE
Leesburg, VA 20175-3106

SENT VIA FAX TO 703-443-0404

RE: The Estates @ Sand Hill, Lot # 2
12005 Sandhill Manor Drive
BP# B00144193
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 12/17/2003.**

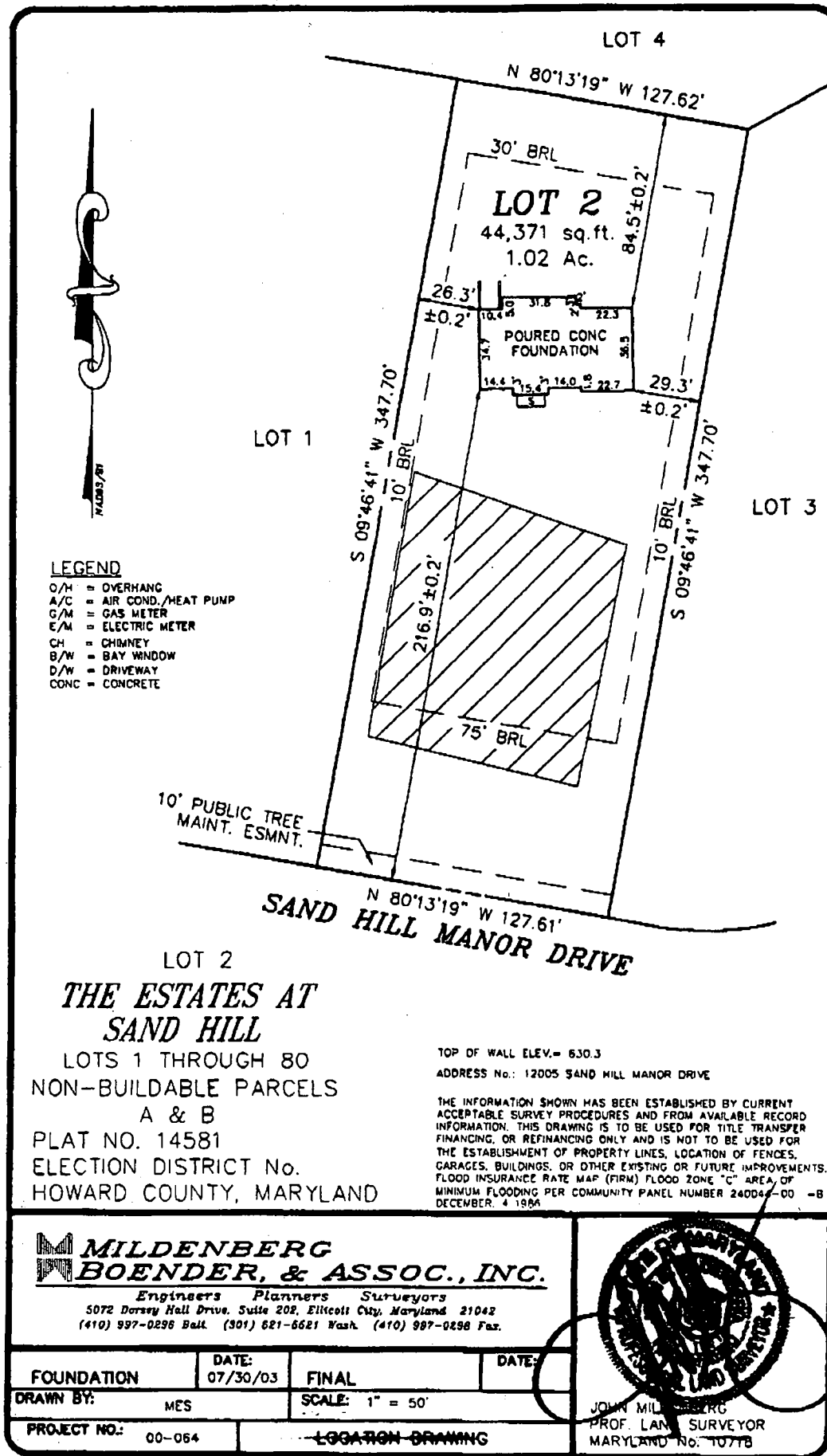
The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

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

Approving Authority,

Stuart Oster
Registered Environmental Sanitarian
Well & Septic Program

sjn
cc: Building Inspector's Office
File



8/15/03
Wall
check
OK
Yommo
KN

Approved Septic System Plan Howard County Health Department

54,372 sq. ft.
1.25 Ac.

[Signature]
Signature
7/21/03
Date



48,049 sq. ft.
1.10 Ac.

HAMILTON

F.F.=628.07
B.=619.27
G.=626.07

44,371 sq. ft.
1.02 Ac.

42,481 sq. ft.
0.98 Ac.



- FIRST FLOOR EL. = 628.07
- INV. OUT OF HOUSE = 617.27
- INV. IN SEPTIC TANK = 616.45
- INV. OUT OF SEPTIC TANK = 616.20
- EXIST. EL. AT SEPTIC TANK = 620.50
- PROP. EL. AT SEPTIC TANK = 620.50
- EXIST. EL. AT DIST. BOX = 620.00
- INV. IN DIST. BOX = 616.00

G.P.# 01-101
PLAT # 14580-14585

THE ESTATES AT SAND HILL

PLOT PLAN LOT # 2
12005 SAND HILL MANOR DRIVE

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: M.M.P.	SCALE: 1"=50'	DATE: MAY 29, 2003



**MILDENBERG,
BOENDER & ASSOC., INC.**

Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Balt. (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; 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:

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

0' 2d-3a

red
orange
SiClm

4.0

brown
grey
Salm
25%
saprolite
mg
deposits

12.0

1d-2a
2c-3borange
brown
SiClm

4.0

orange
&
beigh
Salm
horizontal
saprolite
25%

12.0

1c-2b

1g
brown
SiClm

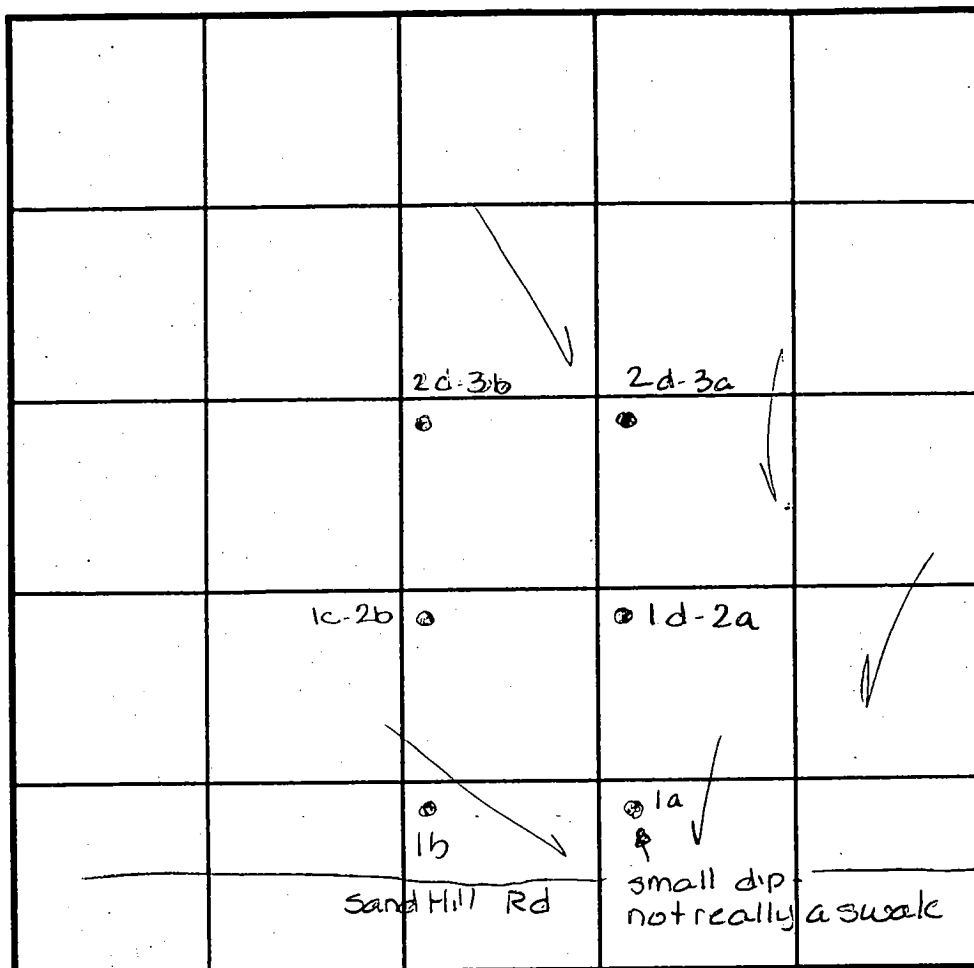
3.0

orange
brn
SiLm

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
25%
shale
mg on
R_x
bases

2.0

1a
dark brn
SiLm
no change

9.0

40% R_x
dark
brn SiLm

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
		9.5 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

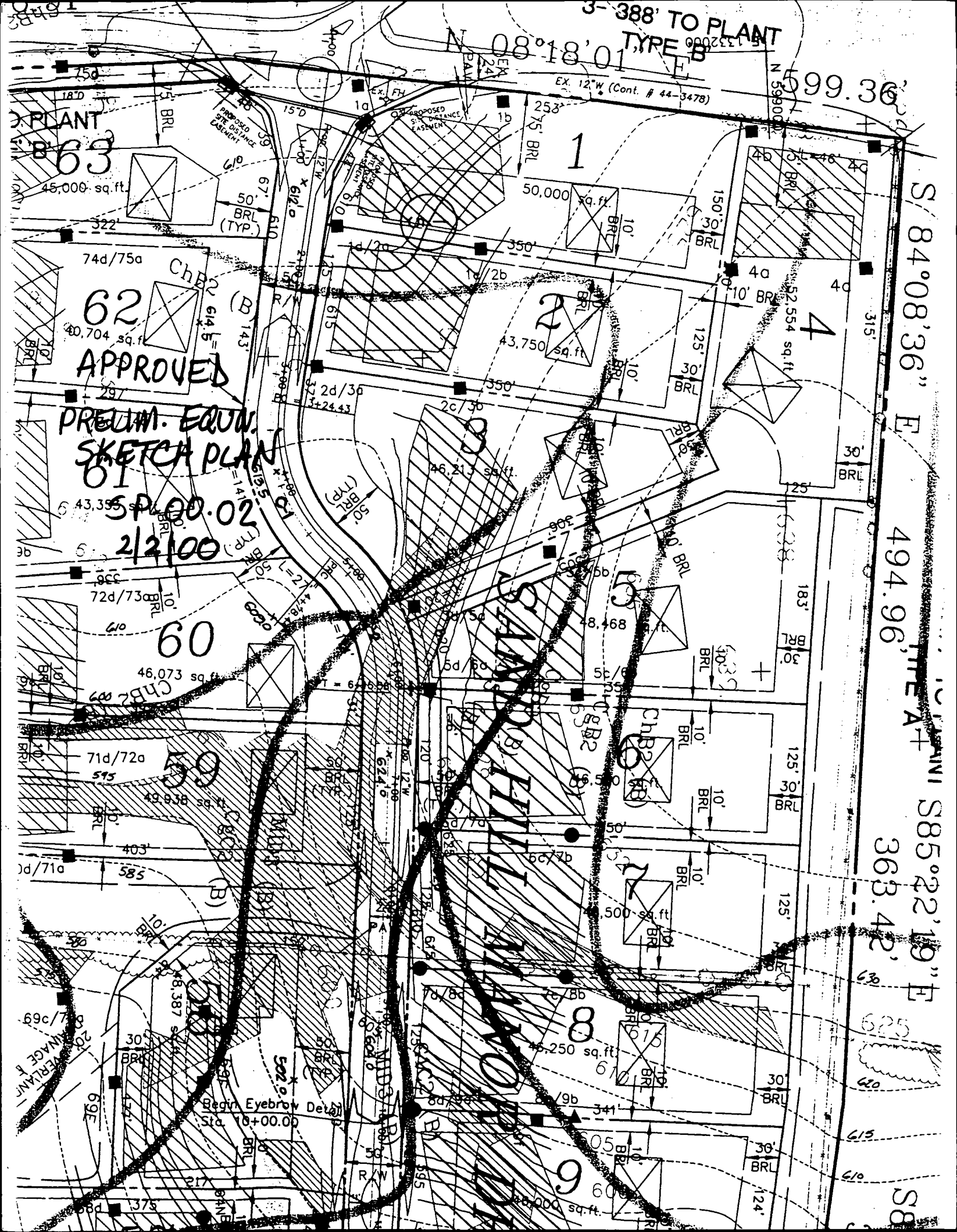
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



3-388' TO PLANT
TYPE B

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

PLANT
B-63
45,000 sq. ft.

62
40,704 sq. ft.
APPROVED

PRELIM. EQUIV.
SKETCH PLAN
SP-00.02
2/2/00

60
46,073 sq. ft.

59
49,938 sq. ft.

58
48,387 sq. ft.

57
46,250 sq. ft.

56
44,000 sq. ft.

S 84°08'36" E

494.96'

S 85°22'19" E

363.42'

