

# APPLICATION

PERCOLATION TESTING

A 56952-C

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 5/20/96

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 MR. Dale Maisel

clo Land Design & Develop.

ADDRESS 10805 Hickory Ridge Rd. Columbia PHONE 740 2100  
21044

AGENT OR PROSPECTIVE BUYER Land Design & Dev.

ADDRESS \_\_\_\_\_ PHONE 740-2100 EXT 219

PROPERTY LOCATION:

SUBDIVISION Maisel Prop. LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Folly Quarter Rd between Glenelg Country  
School & Buckskin

TAX MAP 28 PARCEL # 237,354,355

SIZE OF LOT 1 Acre TYPE BLDG. SFD  
(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.

(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

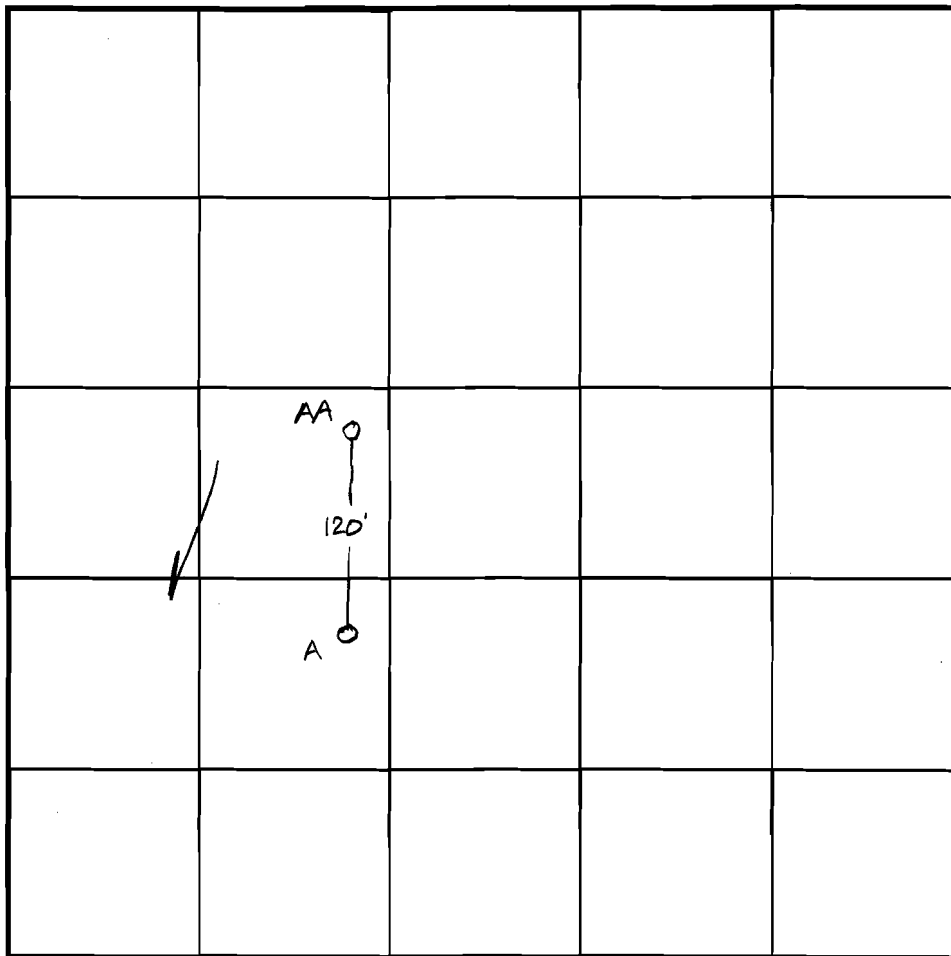
0' **A**  
orange brown SiClm  
3.0 lgt orange brown SiLm  
9.5 dull green grey SiSaLm  
12.0

**AA**

orange brown SiClm  
3.0 lgt. yellow SaLm  
3.0

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-20-98	(A)	3.0 <del>12.0</del>	11:15	11:17	11:17	11:19	2min
	(AA)	Visual	to 12.0 - see profile -				OK

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMullen ALSO PRESENT Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 3.0

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 180 A

COUNTY #

SOIL PROFILE

420-B

dark reddish brown silclm  
 4.5  
 lgt tan Salrn  
 5% Saprolite

421-E

red brn silclm  
 4.0  
 lgt orange tan Salrn  
 5% feldspar Saprolite

422

bright orange silclm  
 3.5  
 bright orange tan Salrn

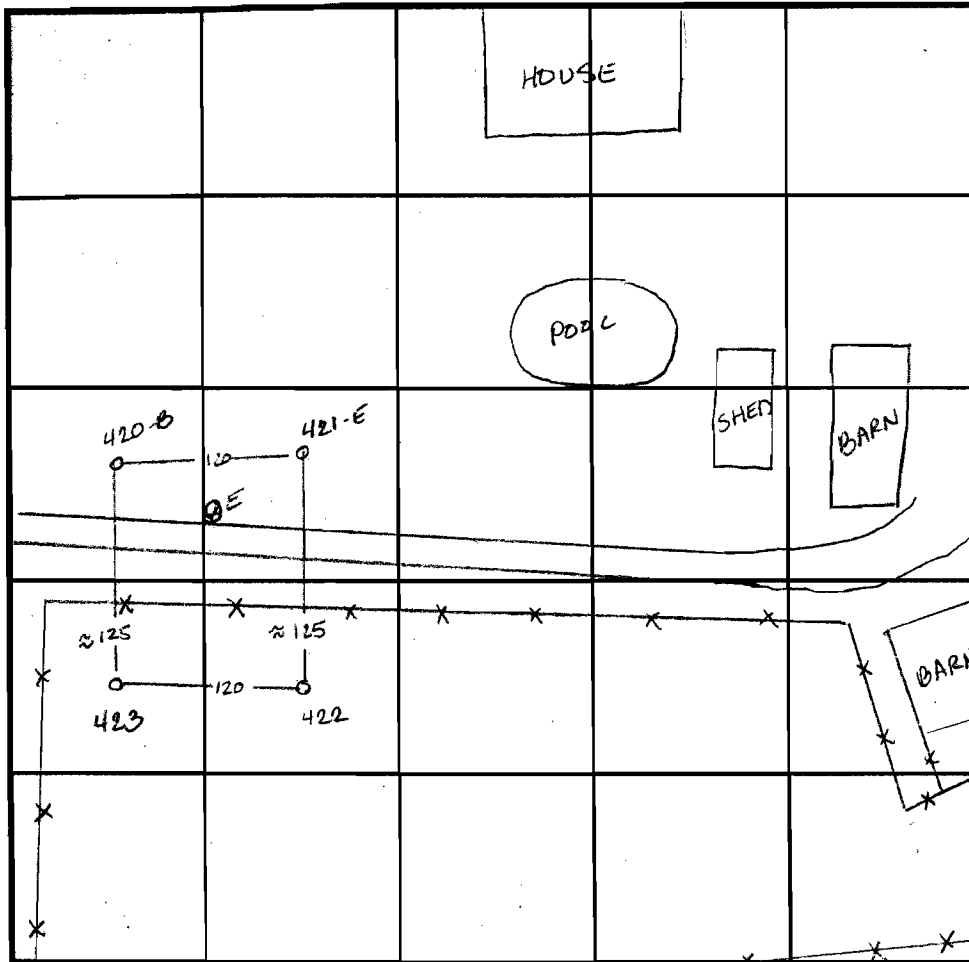
SOIL PROFILE

423

lgt orange silclm  
 4.0  
 grey powdery Salrn  
 color from 5% grey shale

E

dark orange red silclm  
 4.0  
 dark or. silrn  
 9.0  
 dark grey w/ pockets of or Salrn



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-8-96	420-B	5.0 V10.0	1:24 <sup>30</sup>	1:29	1:29	1:37	2min
	421-E	4.5 V10.0	1:19	1:21	1:21	1:23	2min
	422	4.0 V10.0	12:33	12:34	12:34	12:35 <sup>30</sup>	1 1/2 min
	423	5.0 V10.0	12:37	12:39	12:39	12:41	2min
8-13-96	E						

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Don Reuver

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

# APPLICATION

PERCOLATION TESTING

A 56380B

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 12-15-95

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 Mr. Dale Maisel

c/o Land Design and Development, Inc.

ADDRESS 10805 Hickory Ridge Road PHONE 740-2100  
Columbia, Maryland 21044

AGENT OR ~~PROSPECTOR~~ Robert Webster

Land Design and Development, Inc.

ADDRESS 10805 Hickory Ridge Road PHONE 740-2100 Ex. 219  
Columbia, Maryland 21044

PROPERTY LOCATION:

SUBDIVISION Maisel Property LOT NO. 7 & 8

ROAD AND DESCRIPTION LONG PRIVATE ROAD OFF OF FELLY QUARTER ROAD

TAX MAP 28 PARCEL # 237, 354 & 355

SIZE OF LOT 1± Acres 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. Robert H Webster  
(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

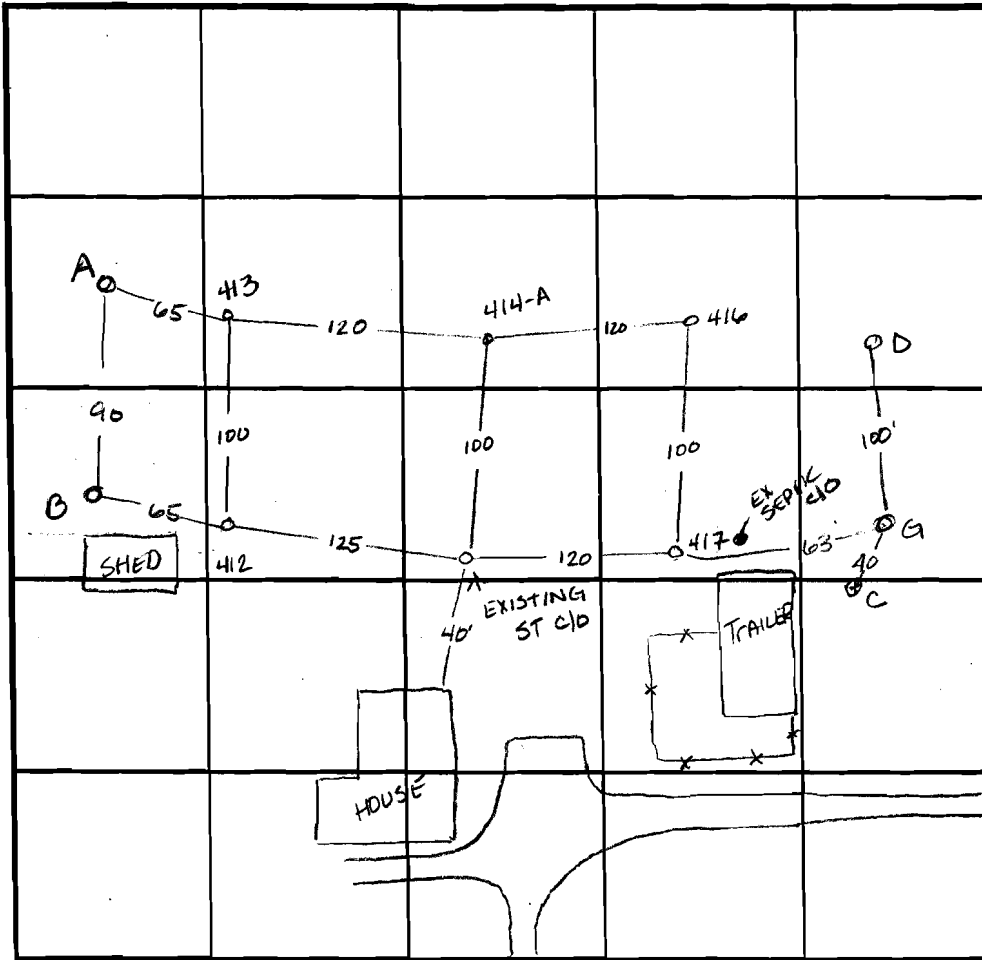
0' 417, G  
 rocky  
 SiCLM  
 3.0  
 tan  
 orange  
 SiSalm  
 50%  
 rock  
 frags  
 11.5

412

1.0  
 4.0  
 10.0  
 11.5  
 lgt brn  
 SiCLM  
 yellow  
 tan  
 Salm  
 20%  
 decayed  
 sandstone

416 414-A

2.0  
 10.0  
 orange  
 brn  
 SiCLM  
 dark  
 red to  
 pink  
 Salm  
 very  
 micaceous



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 413  
 red brn  
 SiCLM  
 4.0  
 red  
 orange  
 micaceous  
 Salm  
 100%  
 decayed  
 saprolite  
 11.0  
 D  
 dark  
 orange  
 SiCLM  
 4.0  
 lgt brn  
 SiSalm  
 8.0  
 pink Salm  
 100%  
 shale  
 refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-9-96	417	3.5 / 11.5	3:41	3:42	3:42	3:43 <sup>30</sup>	1 1/2 min
	412	3.0 / 11.0	1:04	1:12	1:12	1:30	18 min
	416	3.0 / 11.0	2:00	2:01 <sup>30</sup>	2:01 <sup>30</sup>	2:03	1 1/2 min
	414-A	4.5 / 11.0	2:06 <sup>30</sup>	2:19	2:19	2:36	17 min
	413	5.0 / 11.0	2:19	2:24	2:24	2:37	13 min
8-13-96	C	Refusal at		3.0			F
	D	4.0 / 11.0	1:35 <sup>30</sup>	1:36	1:36	1:37	1 min
	G	5.0 / 11.5	2:05 <sup>30</sup>	2:10	2:10	2:16	6 min

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT Don Reuwer

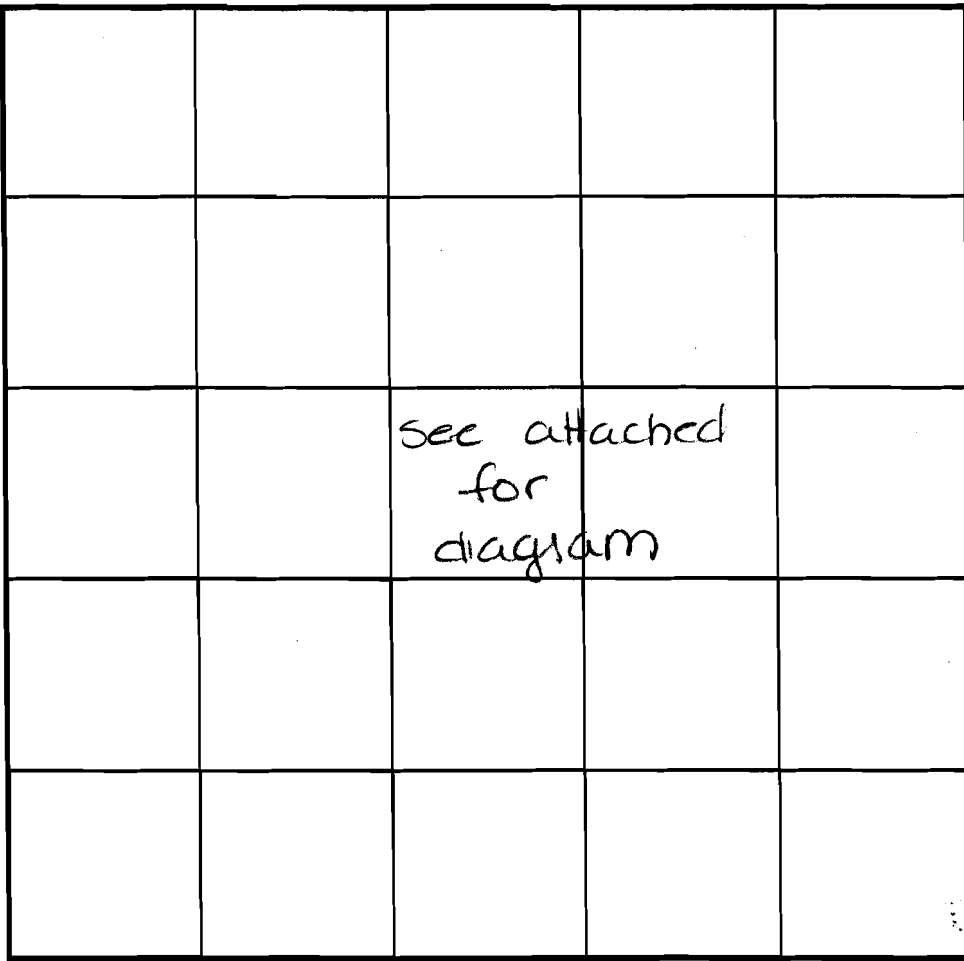
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

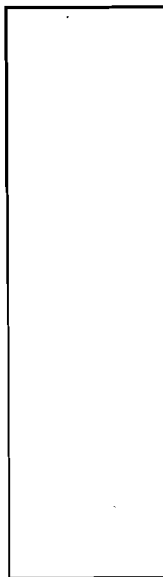
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0'  
 A  
 bright  
 orange  
 yellow  
 SiClm  
 20%  
 sandstone  
 frags

3.0  
 bright  
 orange  
 yellow  
 Salm  
 15%  
 sandstone  
 frags



12.0  
 B  
 like A  
 but  
 <5%  
 rock  
 content  
 throughout

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-13-96	A	4.0 √12.0	2:30	2:41	2:41	2:56	15mn
	B	4.0 √12.5	1:29	1:30	1:30	1:32 <sup>30</sup>	2 1/2mn

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

3.0

12.0

17.5

N37°06'00"E

34.58

41.44

110

SEPTIC CLEANOUT

EX. BLDG.

EX. BLDG.

EX. BLDG.

SEPTIC C

PRESERVATION  
PARCEL "C"  
13 sq. ft.

LOT 5

50,000 sq. ft.

LOT 4

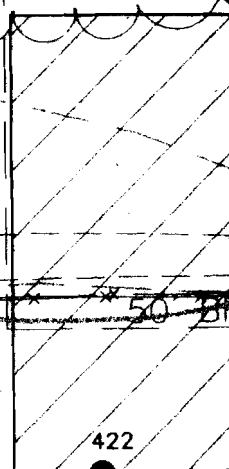
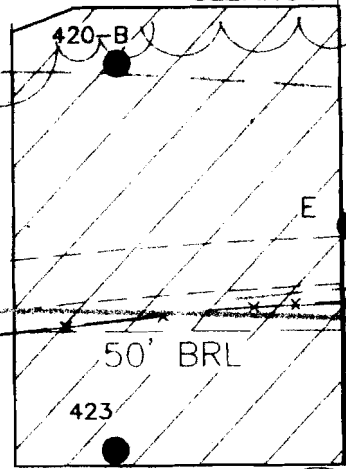
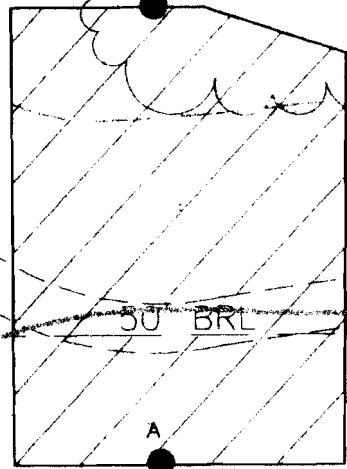
42,593 sq. ft.

LOT

46,223

SEPTIC CLEANOUT

421-E



111.24

99.85

36.18

104.87

116

S37°00'51"W

211.09

S37°00'51"W

248.49'

NON-BUILDABLE  
PRESERVATION PARCEL "B"  
TO BE PRIVATELY OWNED  
(20,794 SQFT±)

106.05

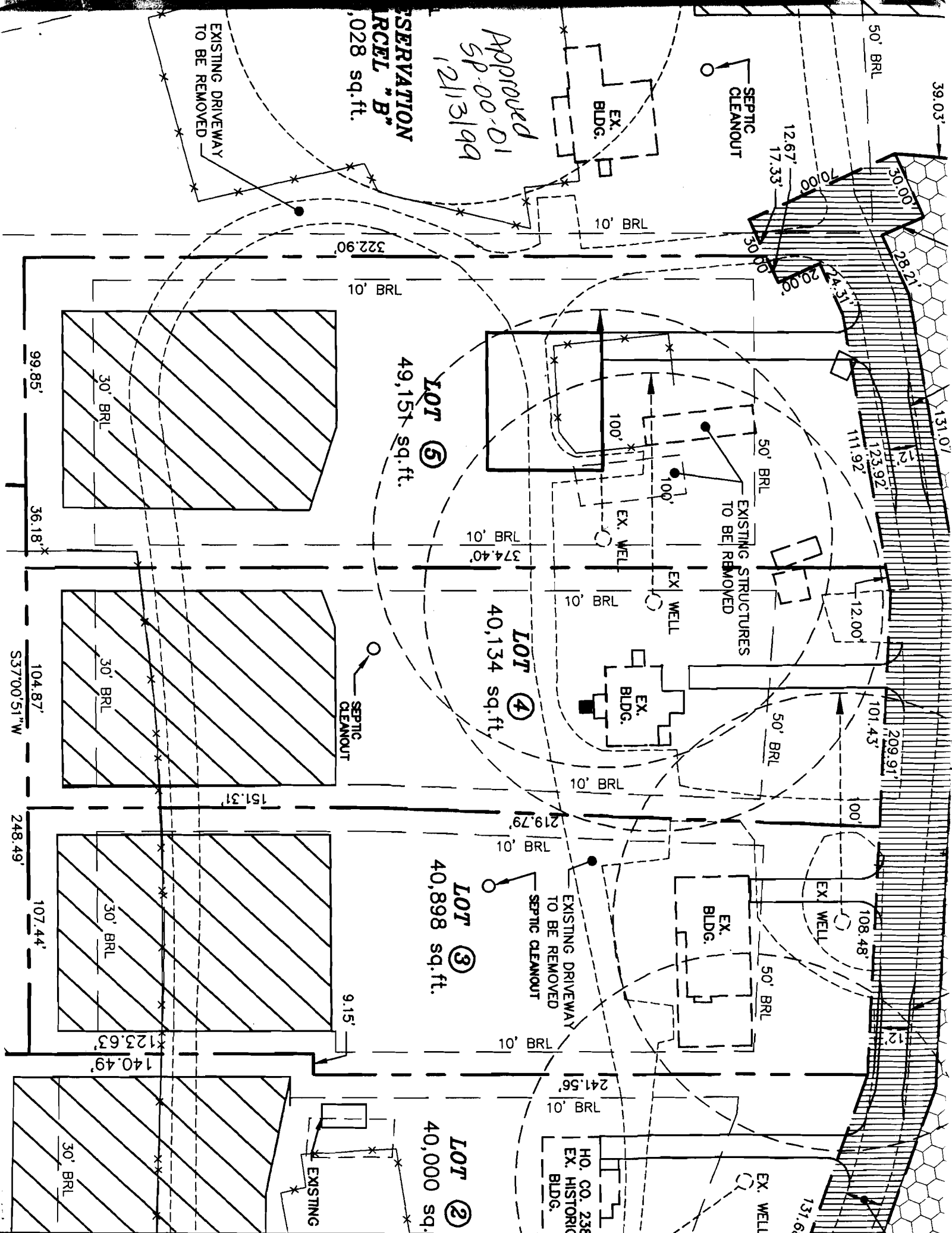
S52°24'42"E

S53°00'15"E  
16.86'

S37°34'34"W

184.67

PERC COST PAID  
Signed 7/23/99



APPROVED  
SP-00-D1  
5/21/99

RESERVATION  
PARCEL "B"  
1,028 sq. ft.

EXISTING DRIVEWAY  
TO BE REMOVED

SEPTIC  
CLEANOUT

EX.  
BLDG.

LOT 5  
49,151 sq. ft.

EX. WELL

EXISTING STRUCTURES  
TO BE REMOVED

LOT 4  
40,134 sq. ft.

EX. WELL

SEPTIC  
CLEANOUT

LOT 3  
40,898 sq. ft.

EXISTING DRIVEWAY  
TO BE REMOVED

EX.  
BLDG.

EX. WELL

LOT 2  
40,000 sq.

EXISTING

HO. CO. 238  
EX. HISTORIC  
BLDG.

EX. WELL

EXISTING PROPOSED DRIVEWAY COMMERCIAL USE-IN-COMMERCIAL FOR PARCEL 76 L5247 F.0341



J

EXISTING HOUSE

EXISTING WELL HO 94-1488

LP tank location ok 6/6/06

100'R ROOFTOP DISCONNECT 75' • 3.33%

100'R ROOFTOP DISCONNECT 75' • 5.0%

75' ROOFTOP DISCONNECT 75' • 4.75%

75' ROOFTOP DISCONNECT 75' • 4.53%

EXISTING WELL HO 94-1987

6" PVC ROOFDRAIN

553°00'00"E

PLANNED FOR FUTURE DEVELOPMENT

L.O.D.

SHAFFER RESIDENCE

3 CAR GAR. 3R

12R

1,500 GAL. SEPTIC TANK EX. GRD. 537.3 INV. IN 534.70 INV. OUT 534.40

NOTE: BASEMENT WILL SEWER BY GRAVITY AT 5 AC

DISTRIBUTION BOX EX. GRD. 537.3 INV. IN 534.3

x 537.63

L.O.D.

N53°0'

