

APPLICATION

PERCOLATION TESTING

A _____

P _____

DISTRICT _____

DATE _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 410-313-2640

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 Robert T. Matthews Revocable Trust
c/o Cloverfield/Pfefferkorn, LLC, 10705 Charter Drive,
ADDRESS Suite 320, Columbia, MD 21044 PHONE 410-997-7400

AGENT OR PROSPECTIVE BUYER Heritage Land Development
ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Matthews Property LOT NO. 2

ROAD AND DESCRIPTION _____
2400 Pfefferkorn Road, West Friendship, MD 21794

TAX MAP NO. 15 PARCEL # 4

SIZE OF LOT 1 acre TYPE OF 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

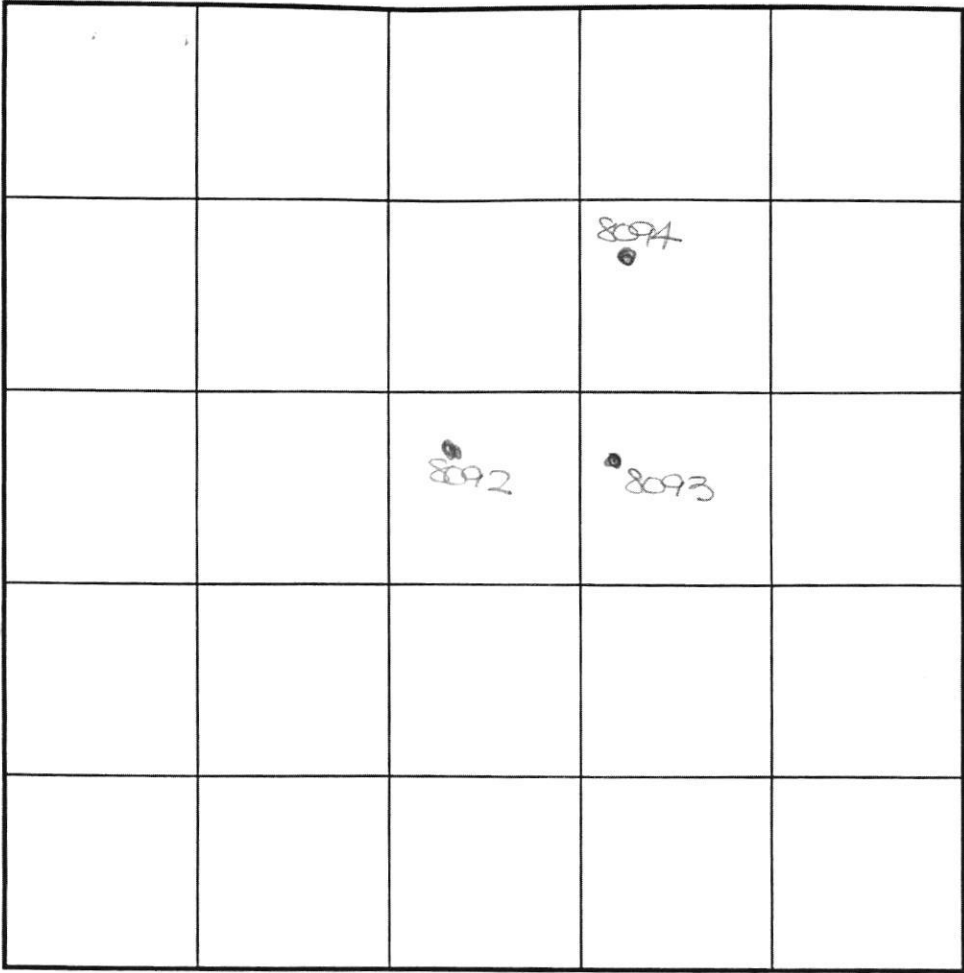
COUNTY #

SOIL PROFILE

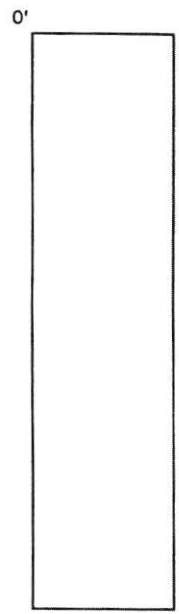
0' 8094
 1' topsoil
 red
 brn
 cl lm
 3' ———
 H brn
 si lm
 5-10%
 rock

14' 8093
 0' topsoil
 1' org
 brn
 cl lm
 3' ———
 H org
 brn
 si lm
 3' water
 ↓

8092
 1' topsoil
 org
 brn
 cl lm
 1' ———
 med
 pk brn
 si lm
 5-10%
 rock



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-10-03	8094	4.0'S	9:48	9:51	9:51	9:54	3
		14'4 D	visual	- see profile			P
	8093	3.5'S	9:23	9:24	9:24	9:27	3
		6.0'M	9:22	9:25	9:25	9:29	4
	*checked *@ 5:50pm	12'3 D	water	- see profile			P
	8092	5.5'S	9:29	9:35	slow	—	
		7.0'M	5:50	5:53	5:53	5:57	4
		14.0' D	visual	- see profile			P

REMARKS _____

TYPE OF SOIL _____

TESTED BY K. CLARK ALSO PRESENT _____

TRENCH DESIGN DATA: AVG. PERCOLATION TIME _____ TRENCH WIDTH _____

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

A-518641-B

COUNTY #

SOIL PROFILE

0' 8098

1' topsoil

br red
b m
cl m

3.5'

pk tan
si m

5-10%
rock

14'

8091

topsoil

org br
cl m

3'

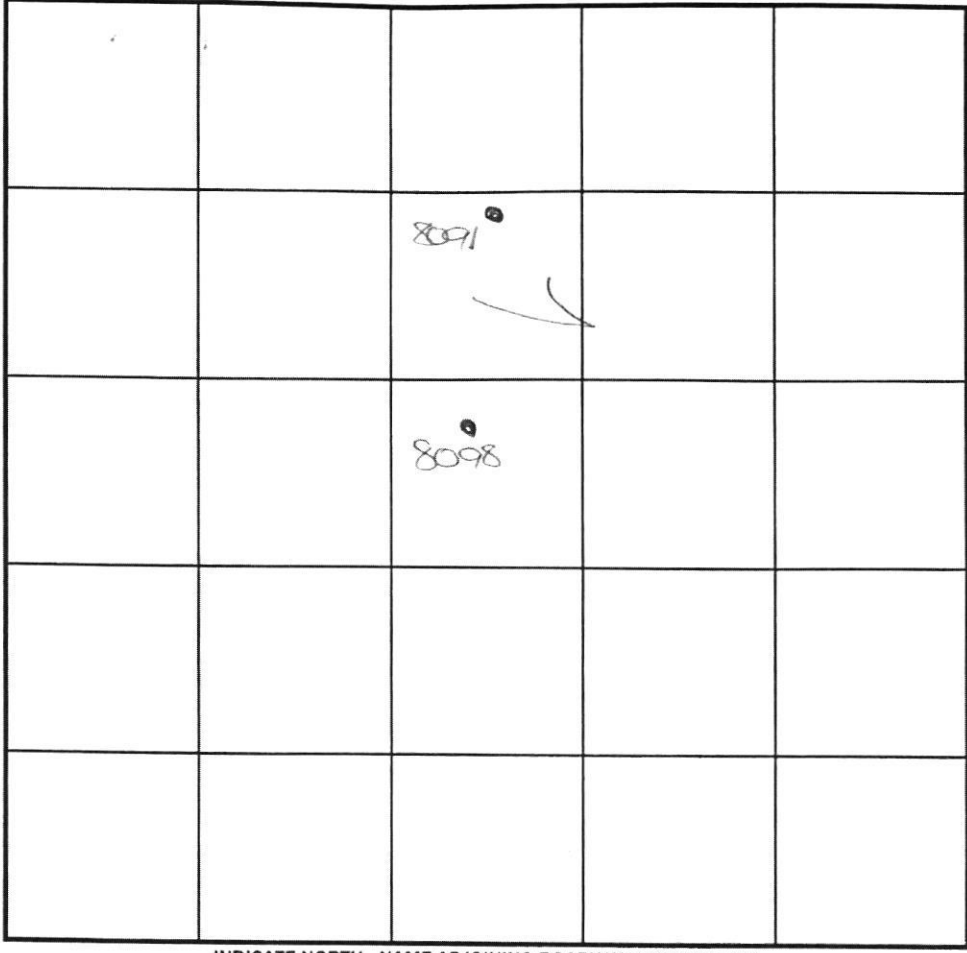
4' pk
tan
si m

5%
rock

14'

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	
5-10-03	8098	4.0'S	8:45	8:47	8:47	8:50	3
		14'4 D	visual	-see profile			P
	8091	5.0'S	9:36	9:40	9:40	9:44	4
		14'11 D	visual	-see profile			P

REMARKS _____

TYPE OF SOIL _____

TESTED BY K. Clark

TRENCH DESIGN DATA: AVG. PERCOLATION TIME _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____

ALSO PRESENT _____

TRENCH WIDTH _____

SQ. FT./BEDROOM _____

AS10641-B

COUNTY #

SOIL PROFILE

0' 8103

topsoil

red
brn
cl lm

tan
si lm

5-10%
rock

13.5'

8102/80FF

topsoil

red
brn
cl lm

tan
si lm

5-10%
rock

13'

8100

topsoil

org
brn
cl lm

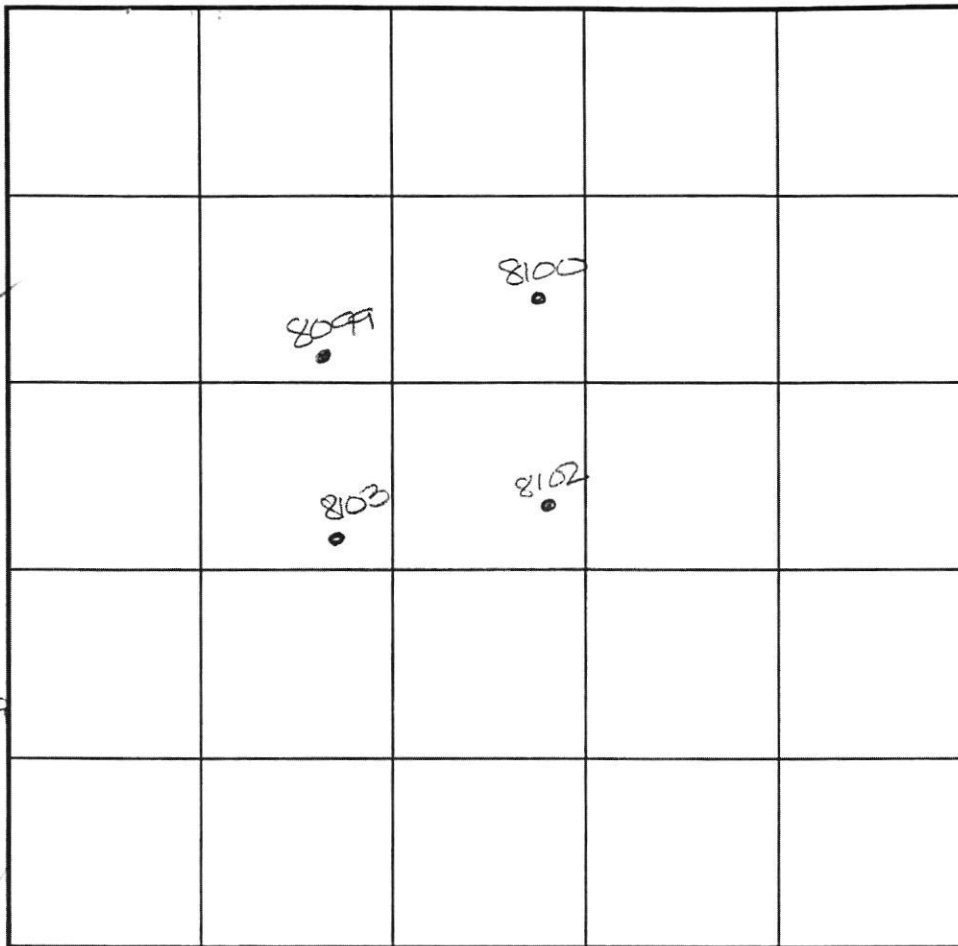
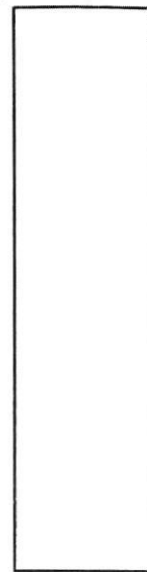
lt brn
si lm

10%
rock

13'

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	
5-10-03	8103	4.5'S	8:07	8:11	8:11	8:16	5 ✓
		13.5'D	Visual	-see profile			P
	8102	4.5'S	8:33	8:35	8:35	8:38	3
		13.0'D	Visual	-see profile			P
	80FF	4.0'S	8:36	8:40	8:40	8:45	5 ✓
		13'9 D	Visual	-see profile			P
	8100	4.5'S	8:55	8:57	8:57	9:04	7
		6.5'M	8:56	9:01	9:01	9:05	4
		13.0'D	Visual	-see profile			P

REMARKS

TYPE OF SOIL

TESTED BY

K. Clark

TRENCH DESIGN DATA: AVG. PERCOLATION TIME

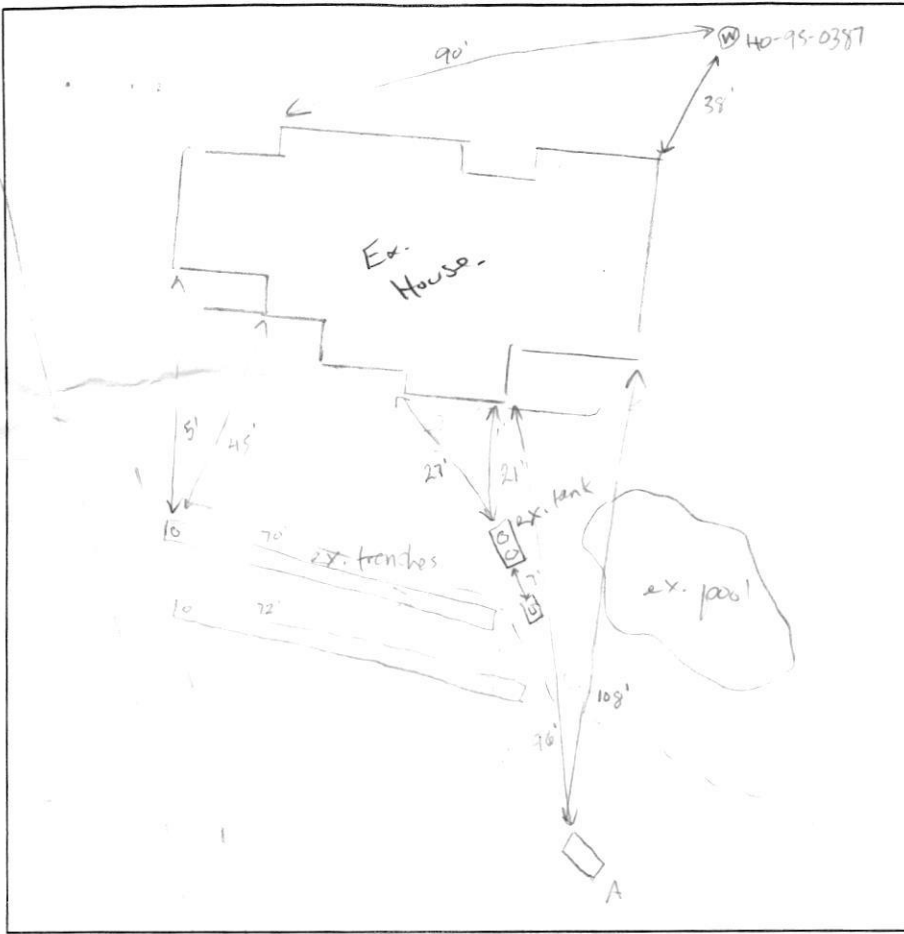
INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

TRENCH WIDTH

SQ. FT./BEDROOM



18"
 5'
 7'
 16'
 16'

A

fill
 light brown
 loam, black
 (sh) (K)
 fine (F) silty
 (mod) (S) BK

light brown
 platy (K)
 F friable
 Si loam

Li Br / R Si L
 VF WK PL
 some mica

consistent
 10% saprolite

18"
 5'
 7'
 16'

(A)

fill

Li Br, L
 F WK SBK

Li Br, Si L
 WK, friable
 PL

Li Br / R, Si L
 VF WK PL
 some mica
 consistent +
 10% saprolite

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/1/21	A	5.5'	12:56	12:58	1:01	3	P

REMARKS _____

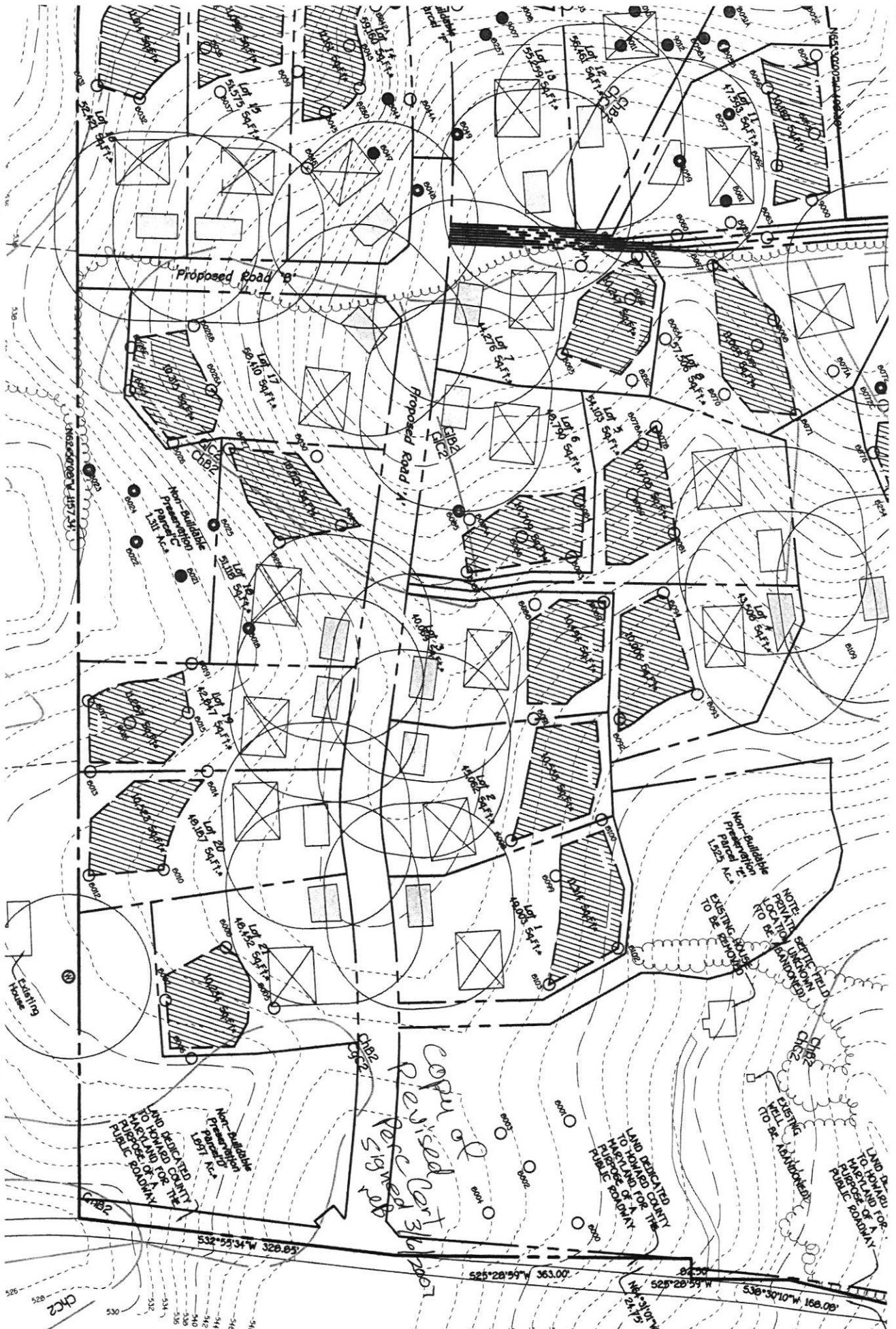
SANITARIAN K.W. ST. BACKHOE Sawley = Fisher OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SO. FT/HR 1.22

TRENCH WIDTH 2 INLET DEPTH 3' MAX. BOT DEPTH 9' EFFECTIVE SW 5' (4')

$$5BR = 750 \text{ gal}$$

$$\frac{750}{1.22} = 625 \text{ gal} \div 2 = 312.5 \text{ (313)} = 113 \text{ } 2 \times 60'$$



PFEFFERKORN ROAD

Copy of revised plat signed