

COUNTY #

Lot 7

SOIL PROFILE

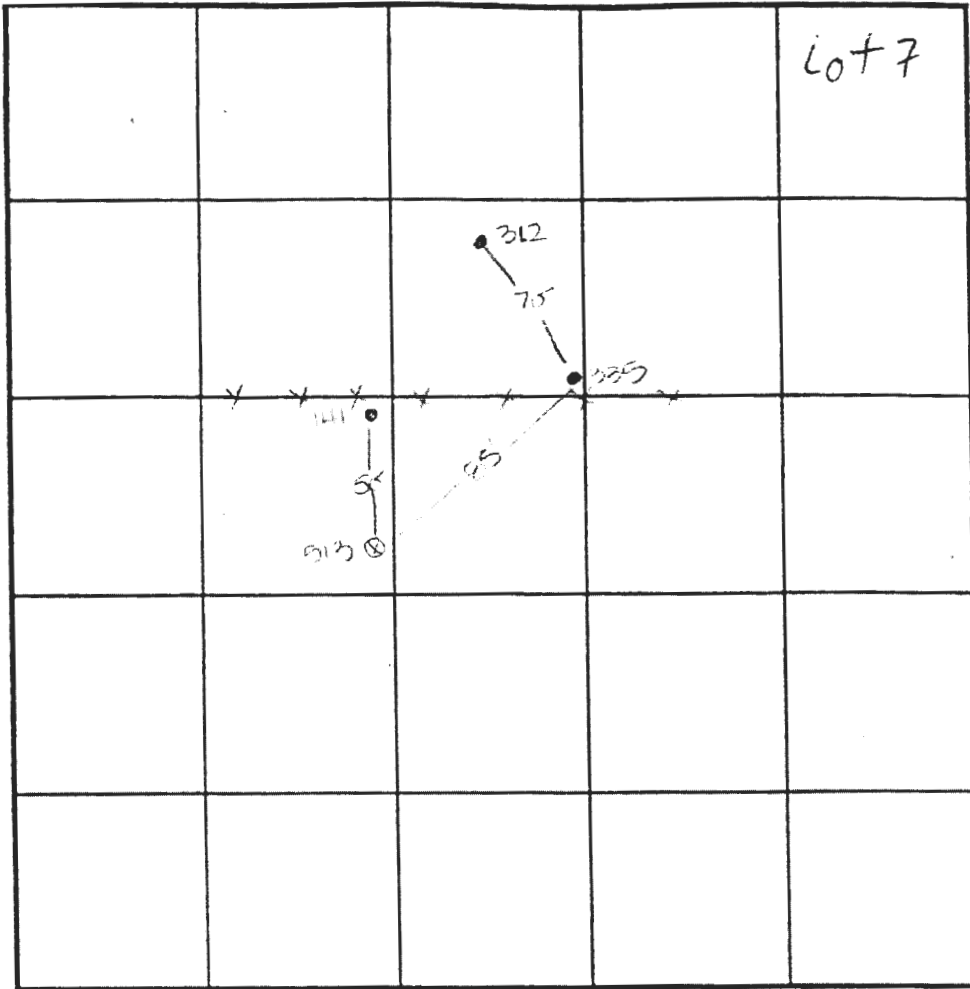
SOIL PROFILE

0' 335/32/512

2.5' 2'

12'

topsoil
 organic
 clay
 High
 low
 low
 low
 15%
 CL



SOIL PROFILE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-10-01	335	11.0'D	11:14	11:16	11:16	11:21	OK
	312	13.0'D	11:14	11:16	11:16	11:21	OK
	512	3.0'S	11:13	11:17	11:17	11:21	4
		13.0'D	11:14	11:16	11:16	11:21	OK

REMARKS holes are 335, 312, 512, 12" x 12" x 12" 512 not working

TYPE OF SOIL _____

TESTED BY DYC ALSO PRESENT S. Zepp, T. Reaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SO FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

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 Dobron and William Anderson
Brenda Tompkins-McDade
C/O Trinity Quality Homes Inc
ADDRESS 7320 Grace Drive PHONE (410) 531-6444
Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES INC
7320 Grace Drive
ADDRESS Columbia MD 21044 PHONE (410) 531-6444

PROPERTY LOCATION: * THE PRESERVE AT WAVERLY WOODS
D SUBDIVISION OF SHADOW SHADE LOTS 1+2 + PREC. PARCEL
SUBDIVISION AND HIGHWOODS AT BREEZEWOOD FARMS LOT NO. (9)

ROAD AND DESCRIPTION Woodstock Road and Route 99 (Frederick Road)

TAX MAP 10 PARCEL # 36+102

SIZE OF LOT 1 ac 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]
(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

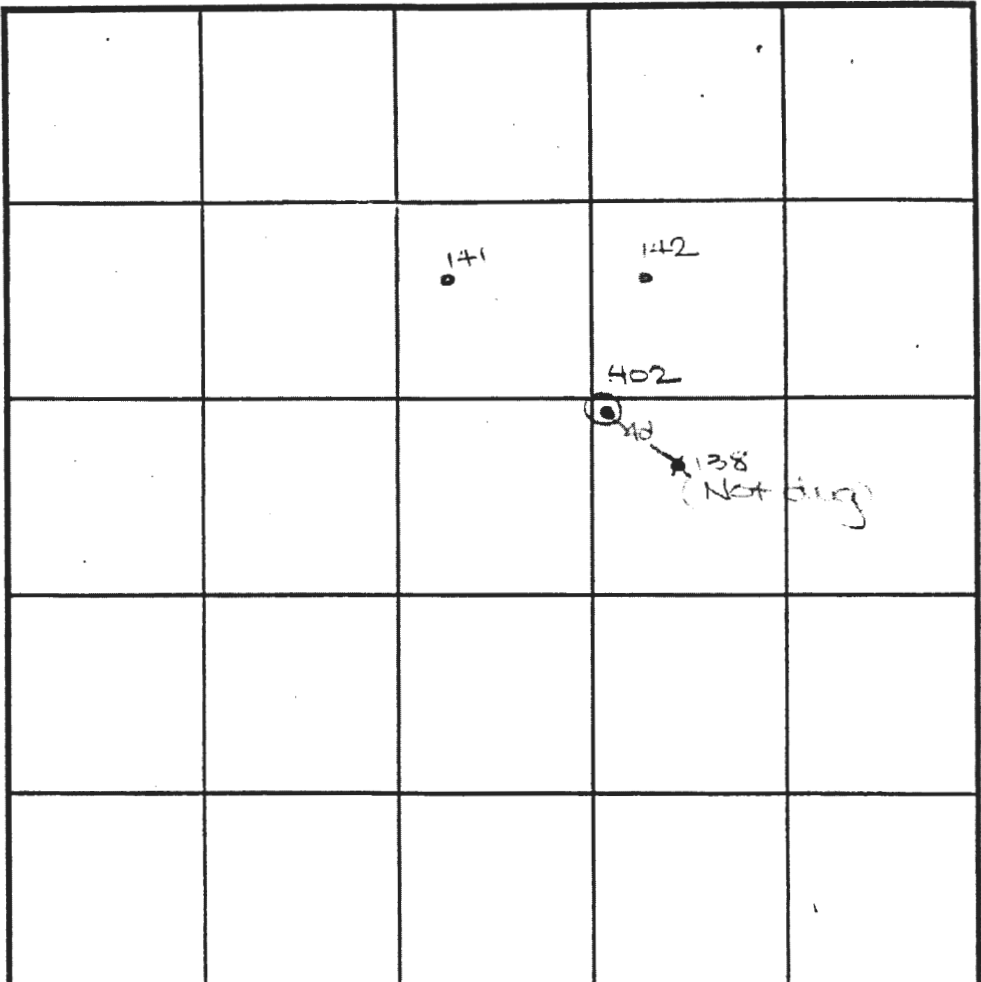
COUNTY #

SOIL PROFILE

SOIL PROFILE

0'
6"
3'
12'

top soil
org bn
clm
turn
to
big
sam
m
5106
m



0'

SOIL PROFILE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Old Frederick Road

142
5'
2'
12'

top soil
org bn
clm
turn
to
big
sam
m
5106
m

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/01	402	2.95	12:27	12:30	12:40	12:55	5
		12.0 D	Visual	-SPE	profile		02
	142	12.0 D	Visual	-SPE	profile		02
	141	12.0 D	Visual	-SPE	profile		02

REMARKS: holes to top of tank except 402

TYPE OF SOIL: _____

TESTED BY: D+C ALSO PRESENT: _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 10918 Tompkins Way

Subdivision: Preserve at Waverly Glen Lot: 7

Initial system: Application rate: 1.2 Effective area beginning depth: 3' Bottom maximum depth: 8'
1st Replacement: Application rate: 1.2 Effective area beginning depth: 3' Bottom maximum depth: 8'
2nd Replacement: Application rate: 1.2 Effective area beginning depth: 3' Bottom maximum depth: 7' (#335)

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
All trenches must be on contour
Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
Maximum trench length is 100'
Maximum pipe depth is 4'

Additional requirements:

Approved: Hank Oswald Date: 7/20/22

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Dedran and William Anderson
Brenda Tompkins-McDade

ADDRESS 7320 George Drive PHONE (410) 531-6444
Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRIUMPH QUALITY HOMES INC
7320 George Drive

ADDRESS Columbia MD 21044 PHONE (410) 531-6444

PROPERTY LOCATION: * THE PRESERVE AT WEVERLY WOODS
D SUBDIVISION ON SHADOW SHADE Lots 1+2 + Perc. Parcel
SUBDIVISION AND HIGHWAY AT BEECHWOOD FARMS LOT NO. 9

ROAD AND DESCRIPTION Woodstock Road and Route 99 (Frederick Road)

TAX MAP 10 PARCEL # 36-102

SIZE OF LOT 1 ac 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]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

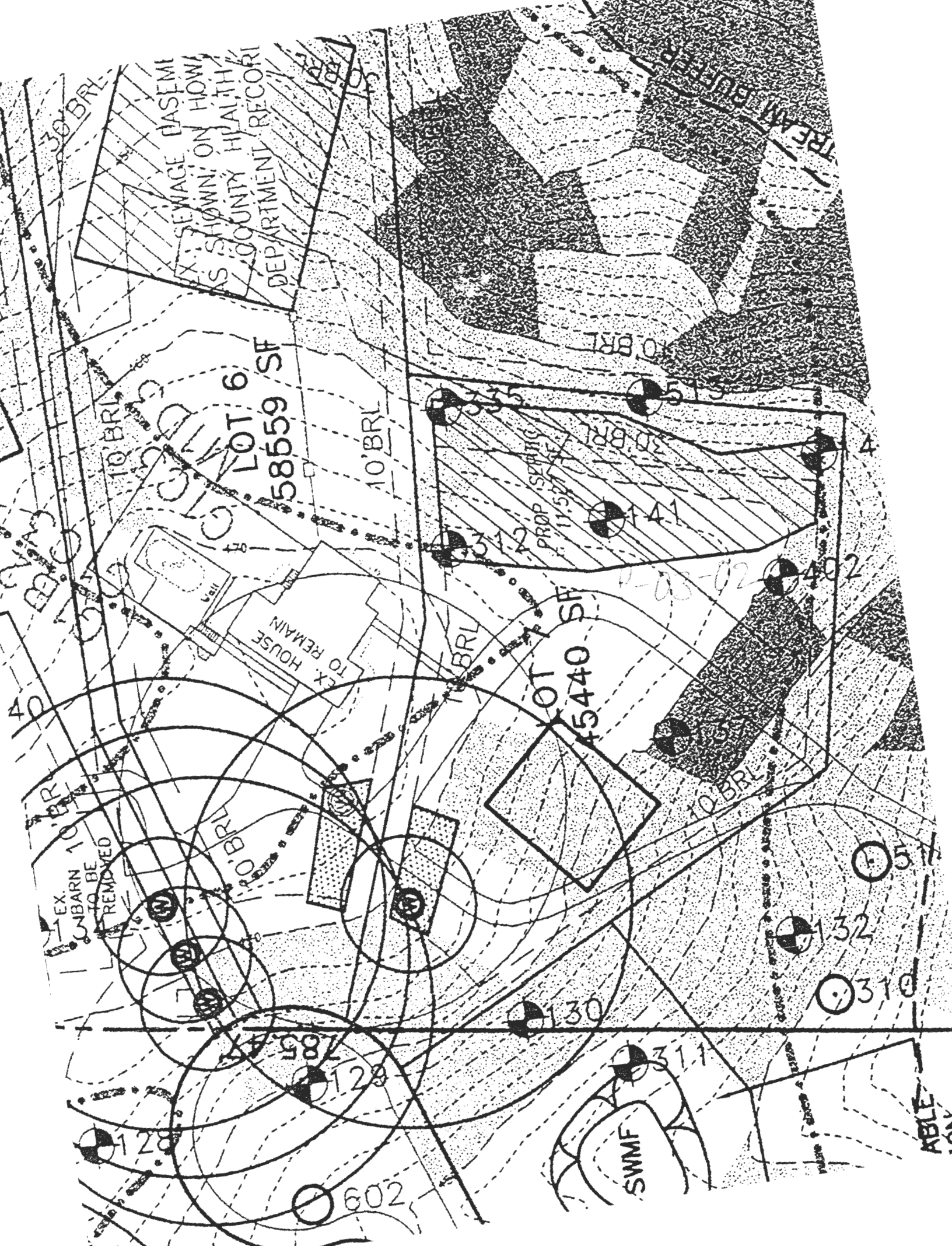
HOLD PENDING FURTHER TESTS _____

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



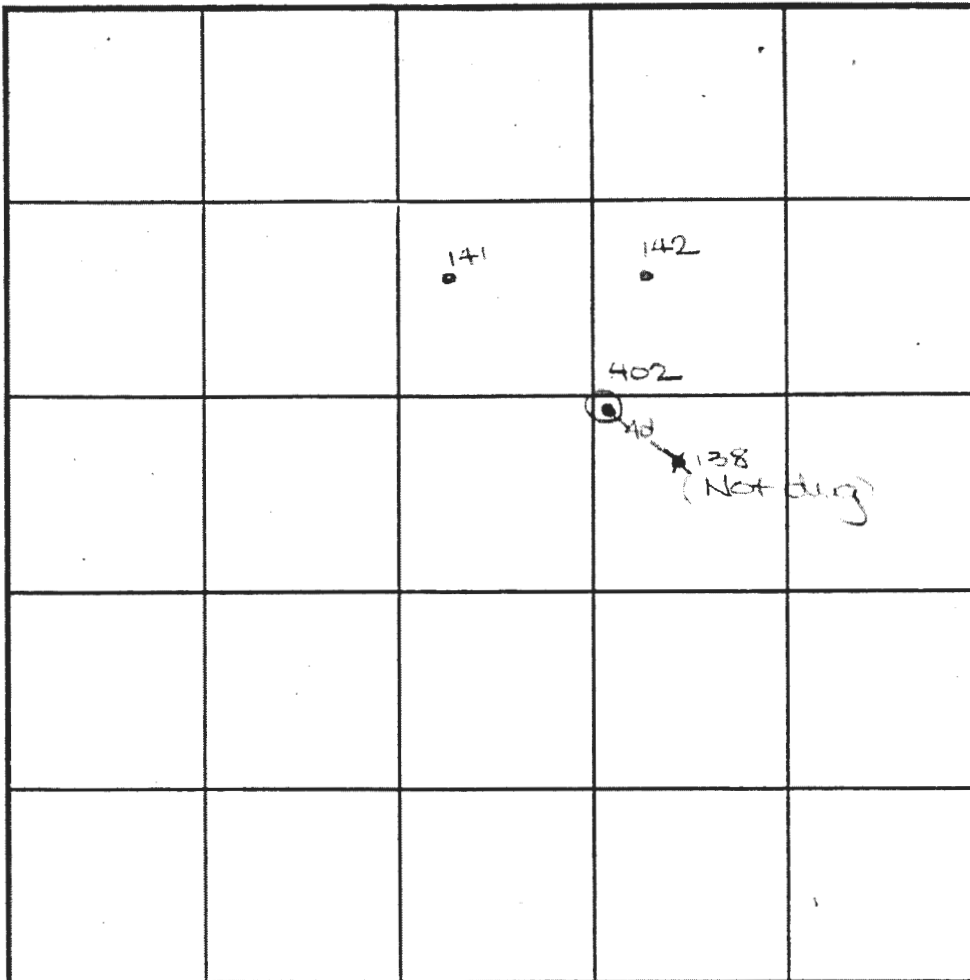
COUNTY #

SOIL PROFILE

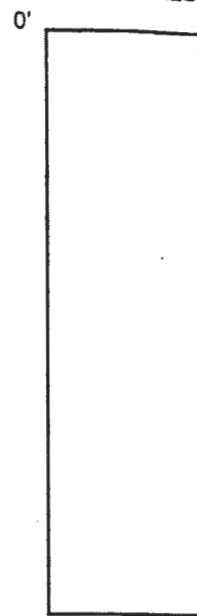
402/141

6"
3"
12"

top soil
organic
clay
100%
to
top
sampling
100%
5-10%
moist



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Frederick Road

6"
3"
12"

top soil
100%
organic
clay
pale
fine
sand
sampling
100%

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-10-11	402	2' 0" C	12:27	12:30	12:30	12:33	5
		12' 0" D	Visual	-SPE	profile		OK
	142	12' 0" D	Visual	-SPE	profile		OK
	141	12' 0" D	Visual	-SPE	profile		OK

REMARKS: holes tested as staked, except 402

TYPE OF SOIL

TESTED BY: DHC ALSO PRESENT: C. J. ... T. P. ...

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

COUNTY #

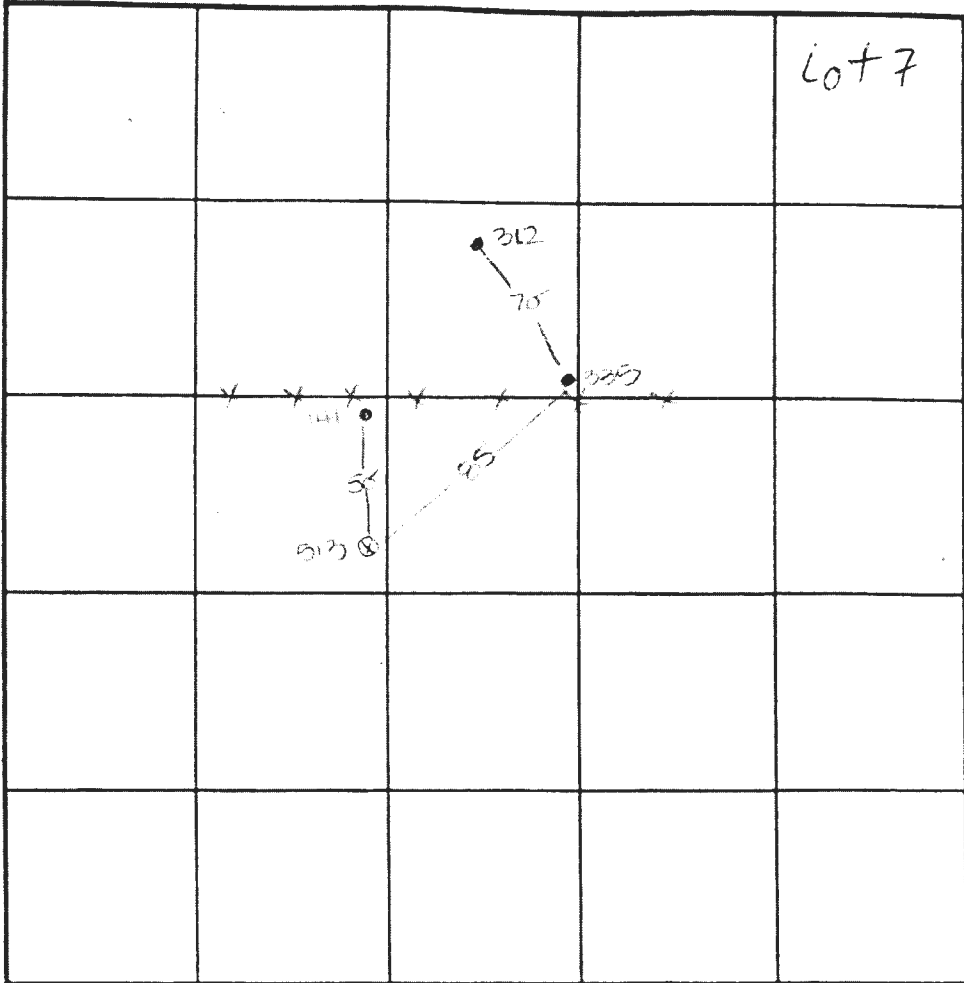
SOIL PROFILE

0' 335/312/513

Lot 7

SOIL PROFILE

Empty rectangular box for soil profile notes.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Table with columns: DATE, TEST NO., DEPTH, PRE-WET START, PRE-WET STOP, TEST - 1" DROP START, TEST - 1" DROP STOP, TIME. Contains handwritten data for tests 335, 312, and 513.

REMARKS holes 312 335 staked, hole 513 not staked

TYPE OF SOIL

TESTED BY DYC ALSO PRESENT C. Zepp, T. Pauga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ FT/BEDROOM

SEPTIC SPECIFICATIONS WORKSHEET

SUBDIVISION: The Preserve at Haverly Woods A _____
STREET NAME: _____ LOT NUMBER: 97
AVERAGE PERCOLATION RATE: 5 SQUARE FEET PER BEDROOM: 180
NUMBER OF BEDROOMS: _____ LINEAR FEET OF TRENCH PER BEDROOM: _____
TOTAL LINEAR FEET OF TRENCH: _____ SEPTIC TANK CAPACITY: _____
TOP SEAMED TANK REQUIRED? YES OR NO COMPARTMENTED TANK REQUIRED? YES OR NO

TRENCH DIMENSIONS: Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade.
Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet
below original grade. 2.0 feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: YES OR NO
Pumped Septic System Detail: _____ gallon(s) pump chamber.
Top Seamed Pump Chamber Required? YES OR NO
Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.
Note 2: Pump performance test is necessary prior to Health Department approval of pump
septic system.

LOCATION: _____

ADDITIONAL NOTES: _____

Reviewer: _____ Date: _____