

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 8/17/00

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 CARPENTER, FROOK LILLY AND BRADY

ADDRESS C/O TRINITY QUALITY HOMES INC
7320 GRACE DRIVE PHONE (410) 977-3082

COLUMBIA MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES, INC

ADDRESS 7320 GRACE DRIVE PHONE (410) 977 3082

Columbia md 21044

PROPERTY LOCATION:

SUBDIVISION CASTLEBERRY AT TEU OAKS LOT NO. 41

ROAD AND DESCRIPTION TEU OAKS ROAD

TAX MAP 28 PARCEL # 551, 90, 60

SIZE OF LOT 40,000 - 60,000 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.

Neil P. [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

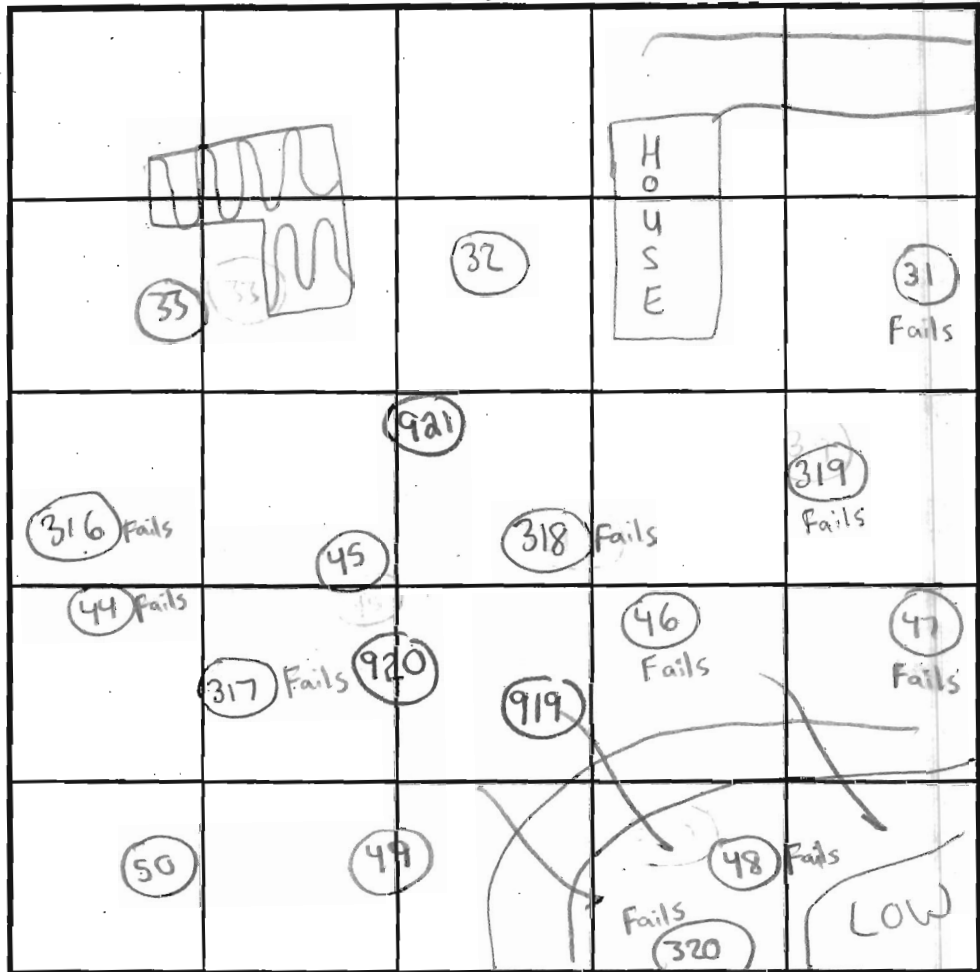
COUNTY #

SOIL PROFILE

0' red-brown clay to clay loam
 5' gray-brown sandy clay loam
 10' seepage & CAVE IN 20-50% decayed mica frags w/ relic colors
 13' WATER
 15'

321
 2' red-brown clay
 red-brown clay loam
 3' 8" tan-brown sandy clay loam 0-5% MICA SCHIST
 16'

320
 2" top soil
 red-brown heavy! clay
 8' red-brown clay loam 0-5% MICA SCHIST
 15' 5"



SOIL PROFILE

0' 318
 2" top soil
 Red-brown heavy! clay
 6' red-brown-purple sandy clay loam mica SCHIST 0-5%
 16' 319/316/317
 8' red-brown heavy clay
 16' red-brown sandy loam 0-5% RE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/18/01	321	15' V	(Insufficient soil)			buffer)	NA	Fails
	321	3' 5" T / 16' V	11:30am	11:34am	11:34am	11:40am	6min	OK
	320	16' V	(DEEP HEAVY CLAY LAYER)				NA	Fails
	318	6' 5" T / 16' V	12:17pm	12:25pm	12:55pm	Still at Peg at 2nd 12:55pm		Fails
	319	16' V				(No Movement)		
	319/316/317	16' V	(DEEP HEAVY CLAY LAYER)				NA	Fails
		16' V						Fails

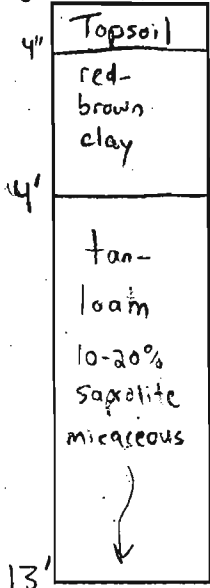
REMARKS: Additional 4' wet season buffer added to this perc test in addition to req. 4' COMAR Buffer. (2001 Testing) → Chester

TYPE OF SOIL: _____
 TESTED BY: SRK Robert Knoch = Bachhol. Donald = Posthol. ALSO PRESENT _____

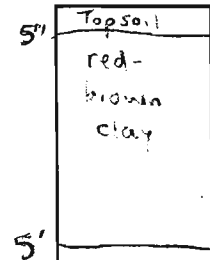
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE 152



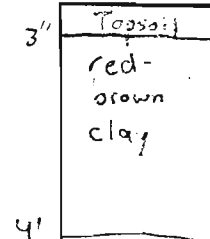
140



tan-brown loam micaceous

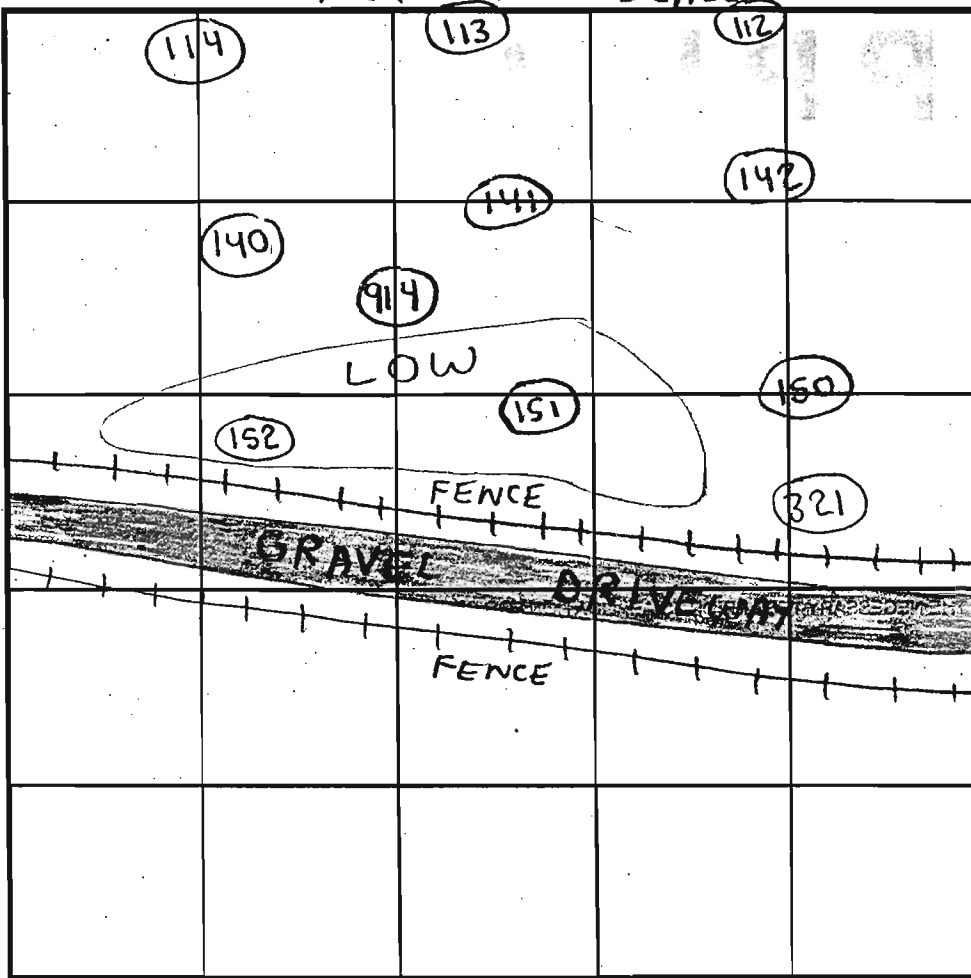
20-25% Saprilitic SCHIST

141



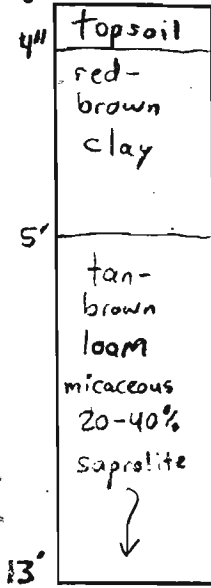
tan-brown loam micaceous less than 5% Saprilitic

13'2" V



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 151



914

DL BROWN TOP SOIL RD BROWN CLAY LOAM

TAN/BROWN MICACEOUS SANDY LOAM 5-10% Saprilitic

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/1/00	152	4'10" T / 13' V	10:48am	10:50am	10:50am	10:55am	5min	OK
	140	4'10" T / 13'2" V	11:01am	11:05am	11:05am	11:08am	3min	OK
	141	4'10" T / 13'2" V	11:11am	11:13am	11:13am	11:15am	2min	OK
	151	5' T / 13' V	11:18am	11:20am	11:20am	11:22am	2min	OK
4/10/02	914	5'4" T / 15'6" V	2:13	2:16	2:16	2:23	7min	OK
11/1/00	150	4' T / 13' V	11:25am	11:28am	11:28am	1:34am	6min	OK
	SEE	SOIL	PROFILE FOR		151			
	142	4' T / 13' V	12:41pm	12:46pm	12:46pm	1:00pm	14min	OK
	SEE	SOIL	PROFILE FOR		151			

REMARKS: Depth of Clay layer variable - NOT MEANT AS A WET SEASON TEST

TYPE OF SOIL: Chester

TESTED BY: Steven R. Krieg, Chops Atkins - Posthole, Robert Fyock - Backhoe, ALSO PRESENT Jack Fyock, Frequenti

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES, INC

ADDRESS 7320 GRACE DRIVE PHONE (410) 977 3082
Columbia MD 21044

PROPERTY LOCATION:

SUBDIVISION CASTLEBERRY AT TEW OAKS LOT NO. 2524

ROAD AND DESCRIPTION TEW OAKS ROAD

TAX MAP 28 PARCEL # 551, 90, 60

SIZE OF LOT 40,000 - 60,000 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.

Michael Pfau (Pres)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

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SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

NOT TO SCALE

COUNTY #

SOIL PROFILE

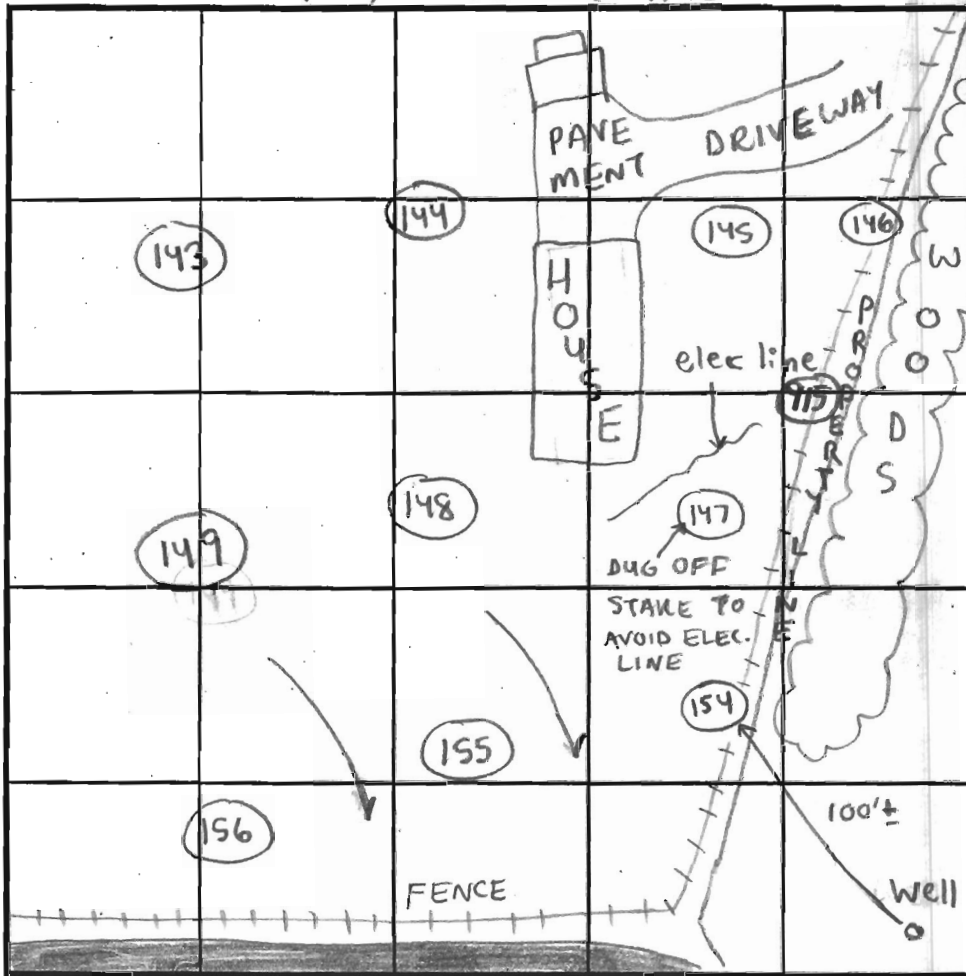
0' 143
 4" Topsoil
 red-brown clay
 3' orange-brown clay loam
 5' tan brown loam
 20-40% Saprolite micaceous SCHIST
 13'4"

4" 144
 Topsoil
 red-brown clay
 4' tan-brown loam
 30-20% Saprolite micaceous SCHIST
 13'

4" 149
 Topsoil
 red-brown clay
 4'5" tan-light brown loam
 Saprolite micaceous 25-35% SCHIST
 13'1"

SOIL PROFILE

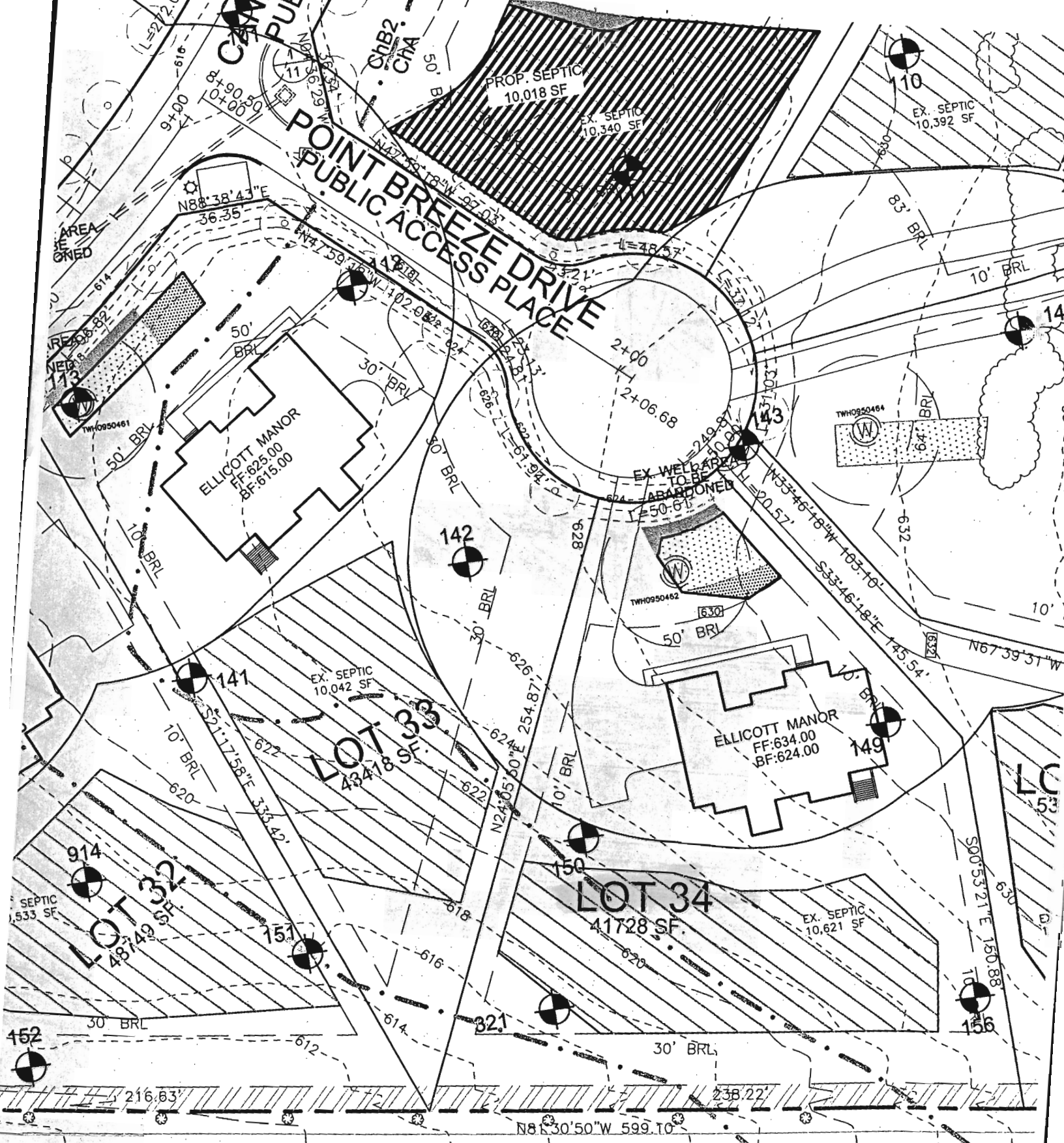
0' 156
 3" Topsoil
 red-brown clay
 4' tan loam
 20-30% Saprolite micaceous SCHIST
 13'2"



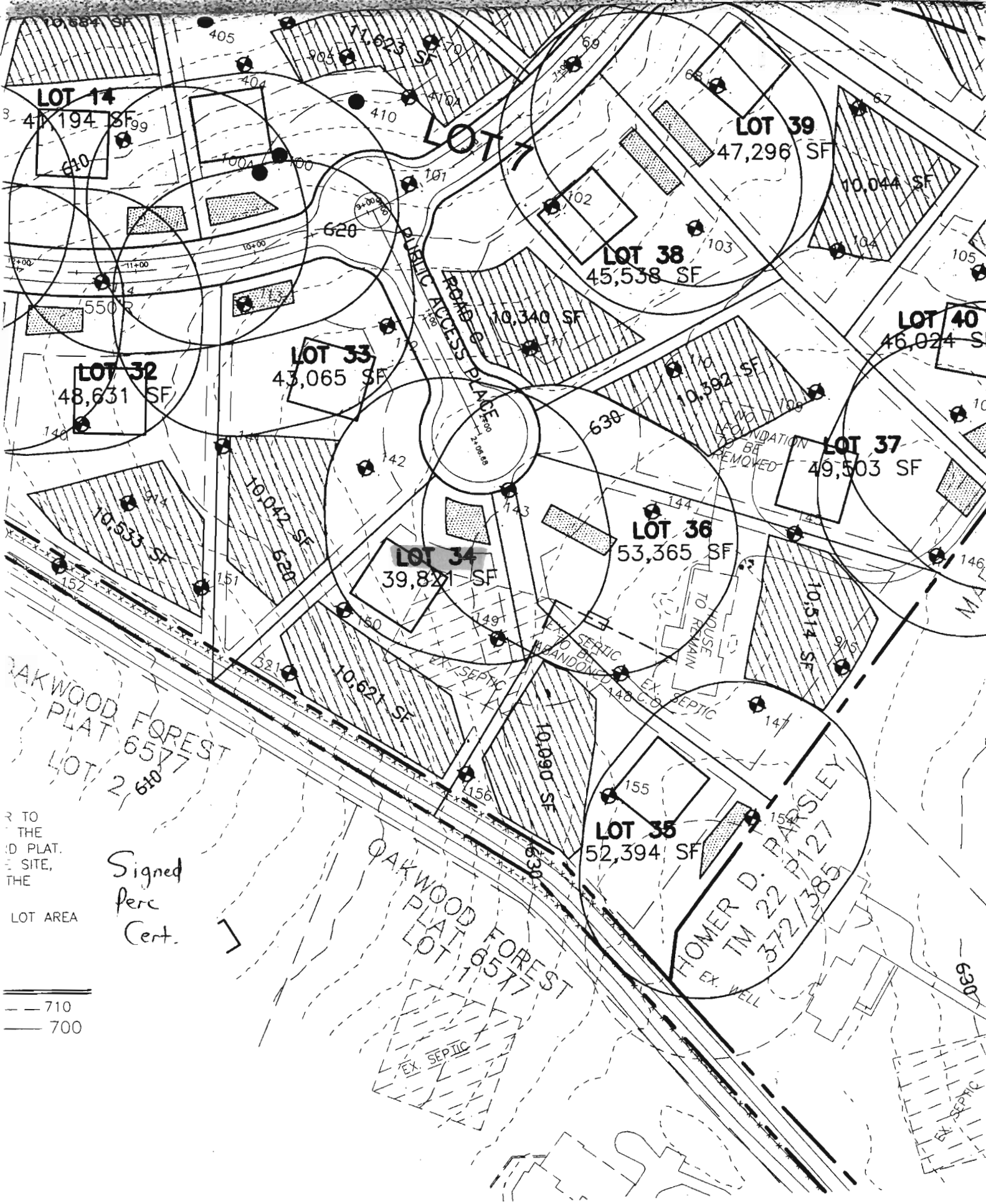
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/1/00	143	4'4" T 13'4" V	12:51pm	1:04pm	1:04pm	1:30pm	26min	OK
	144	4'8" T 13" V	1:14pm	1:16pm	1:16pm	1:18pm	2min	OK
	149	4'11" T 13'1" V	1:24pm	1:25pm	1:25pm	1:27pm	2min	OK
	156	4'8" T 13'2" V	1:41pm	1:43pm	1:43pm	1:45pm	2min	OK
	155	3'10" T 13'3" V	2:03pm	2:04pm	2:04pm	2:06pm	2min	OK
	SEE	SOIL	PROFILE	FOR	156			

REMARKS Depth of Clay layer variable
 TYPE OF SOIL Chester
 TESTED BY Steven R. Krieg Chops Atkins - Posthole ALSO PRESENT Jack Fyock Frequently
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



copy Per Cut Revision
 signed 12/22/2011



R TO
THE
D PLAT.
SITE,
THE

Signed
Perc
Cent.

LOT AREA

