

APPLICATION

PERCOLATION TESTING

A 517386

P _____

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

DISTRICT _____

DATE July 26, 2007

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 Christopher R. Cole and Victoria Carl Gray

ADDRESS 12182 Scaggsville Rd, Fulton, MD PHONE 301-776-0181

AGENT OR PROSPECTIVE BUYER James M. Jost & Co., Inc.

ADDRESS 7370 Grace Drive, Columbia, MD PHONE 443-535-9200

PROPERTY LOCATION:

SUBDIVISION Cecil Cole Property LOT NO. 8 //

ROAD AND DESCRIPTION MD. Route 216, 12,200 Block, north side of road

TAX MAP 41 PARCEL # 2

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.

James M. Jost
(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

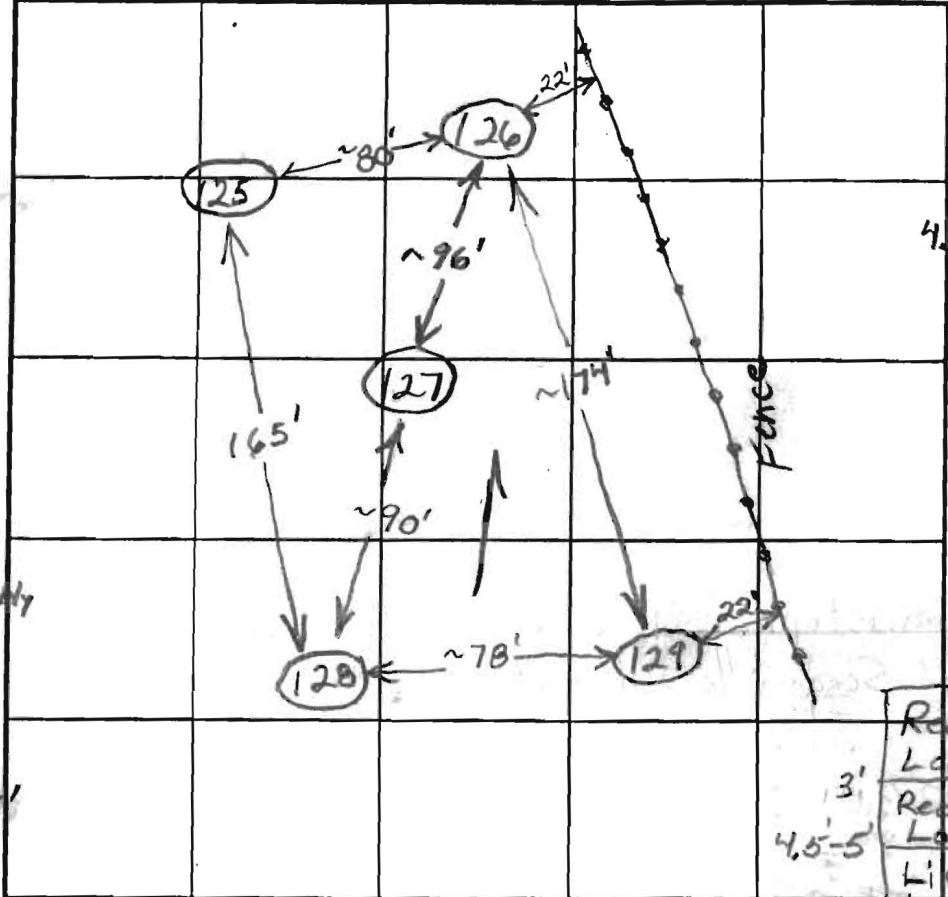
SOIL PROFILE

0'

0'

(126)
 Or Br Loam
 6'
 Med Br Very Micaceous Sa Loam
 ~20% Rock and Saprolite
 H₂O Indicators Present - Probably Near Bottom 16'

(128)
 Red Br Heavy Loam
 4.5-5'
 Light Br Sa Loam
 ~10% Rock and Saprolite



(125)
 Red Br Heavy Loam
 4.5-5'
 Tan Sa Loam
 15-20% Rock and Saprolite

(129)
 Red Br Heavy Loam
 3'
 Red Br Sa Loam
 4.5-5'
 Light Br Sa Loam 15-20% Rock and Saprolite
 15'

INDICATE NORTH / NAME ADJOINING ROADWAY AS BASE LINE.

RT. 216

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/11/02	126	6' / 16' V	2:35	2:41	2:41	2:57	16	O.K.
	125	5' 4" / 15' V	2:48	2:49:30	2:49:30	2:51:30	2	O.K.
	127	6' / 15.5' V	3:10	3:21	3:21	~ 7/8" in 30 min		Slow
	128	5' / 15.5' V	3:28	3:31:15	3:31:15	3:39:15	8	O.K.
9/12/02	127	6.5'	9:27	9:29:30	9:29:30	9:38:30	9	O.K.
	129	3.5' / 15' V	9:43	9:45:30	9:45:30	9:51	5 1/2	O.K.

(127)
 Red and Or Br Loams
 4.5-5'
 Red Br Loam ~10% Rock
 6-6.5'
 Med Br Sa Loam 10-15% Rock and Saprolite

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

15.5'

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BUREAU OF ENVIRONMENTAL HEALTH
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DISTRICT _____

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TAX MAP 41 PARCEL # Z

SIZE OF LOT 1 Acre TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

(176)

Red Br Loam

2.5'-3'

Beige Sa Loam

25-30% Rock and Saprolite

Water

12.5'

(178)

Red Br Heavy Loam and Loam

3.5'-4'

Beige Sa Loam

20-25% Rock and Saprolite

Water

13.5'

(177A)

Red Br Loam

2.5'-3'

Light Red Br Sa Loam

~35% Rock and Saprolite

14'

SOIL PROFILE

(177)

Red Br Loam

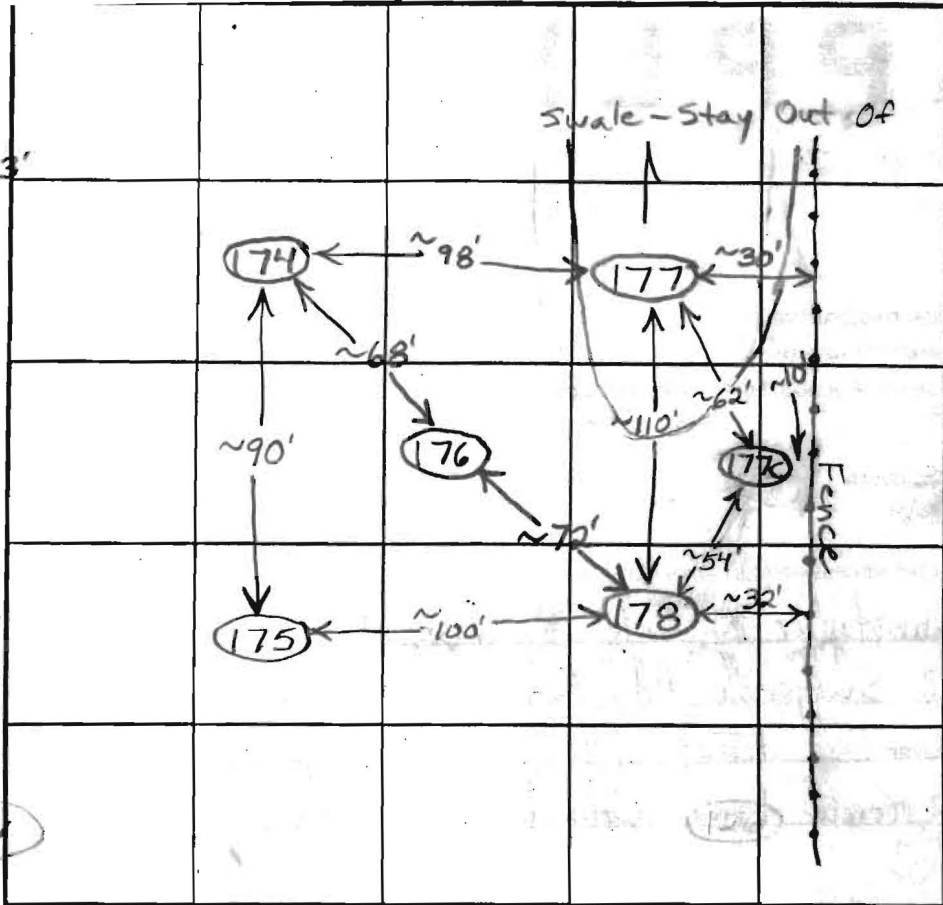
2.5'-3'

Beige Sa Loam
~20% Rock and Saprolite

Caving Water

10'

11'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/03	176	4'3"/12.5'	3:59:15	3:00:20	3:00:20	3:02:25	~2 O.K.
		6.5'	3:00	3:03	3:03	3:08	5
	(178)	4'13.5'	3:17	3:18:55	3:18:55	3:23	4 O.K.
		6.5'	3:17:40	3:20:10	3:20:10	3:23:40	3 1/2
	Open 1/2 Hour	177A	3:31:30	3:33:50	3:33:50	3:37:50	4 O.K.
		5.5'	3:32	3:34:55	3:34:55	3:39	4
	177	4'3"/11'	3:50:20	3:51:45	3:51:45	3:54:15	2 1/2 O.K.
		6.5'	3:51:15	3:53:30	3:53:30	3:57	3 1/2

REMARKS 177 O.K. for Shallow System

TYPE OF SOIL

TESTED BY B. Baker

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

0' (172)
 Red Br Loam and Topsoil 2.5-4.5'
 Beige Sa Loam
 ~30% Rock
 14'

(173)

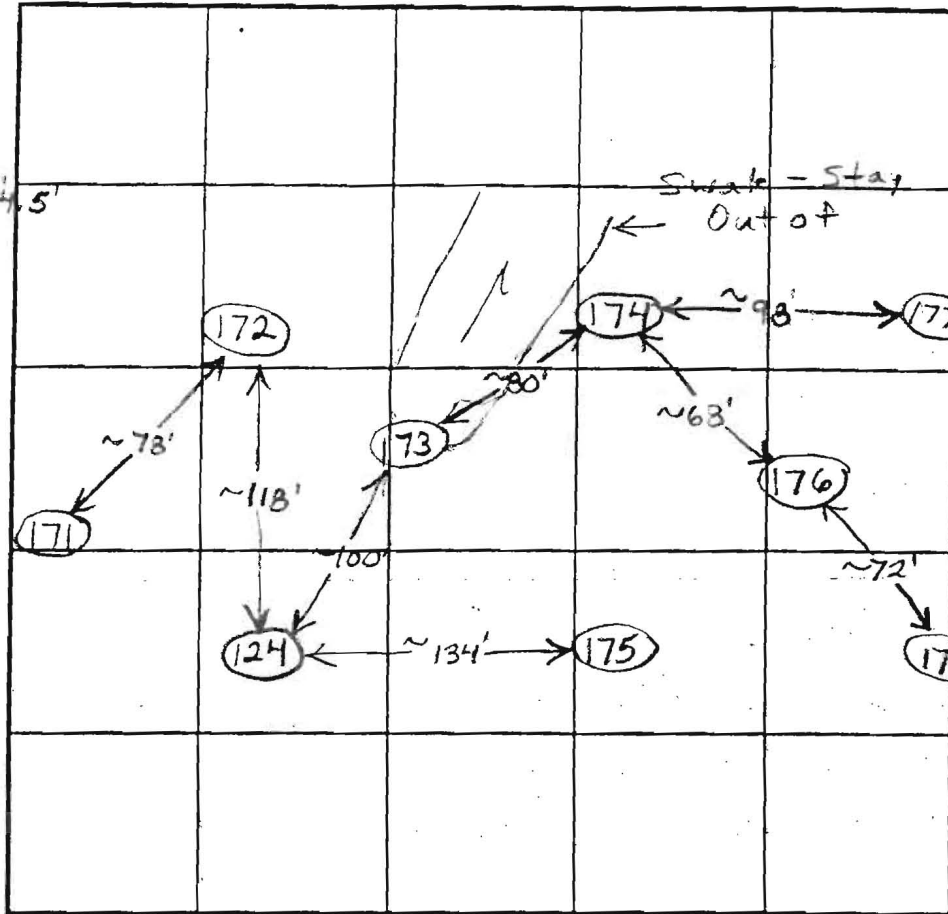
Red Br Loam and Heavy Loam 3'
 Beige Sa Loam
 20-25% Rock and Saprolite
 Water 13'

(174)

Red Br Heavy Loam 3.5-4'
 Beige Sa Loam
 ~30% Rock and Saprolite
 Water 10'

SOIL PROFILE

0' (175)
 Red Br Heavy Loam 2.5-3'
 Beige Sa Loam
 ~35% Rock and Saprolite
 13.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/14/03	172	4'/14' V	1:42:10	1:43:30	1:43:30	1:46	2 1/2	O.K.
		6.5'	1:43	1:43:45	1:43:45	1:44:50	~1	
	Repair	6.5'	1:49:45	1:51:35	1:51:35	1:53:40	~2	
	(173)	4'/13' V	2:03	2:04:15	2:04:15	2:06:30	~2	O.K.
		6'	2:03:45	2:05:25	2:05:25	2:08	2 1/2	
	174	4.5'/10' V	2:20:30	2:23:10	2:23:10	2:26:30	3 1/2	Marg.
		7'	2:20:30	2:23:45	2:23:45	2:29	~5 1/2	
	175	4'/13.5' V	2:37:45	2:40:30	2:40:30	2:45:30	5	O.K.
		6.5'	2:38:30	2:39:50	2:39:50	2:42	~2	

REMARKS 174 Suitable for Shallow System

TYPE OF SOIL _____

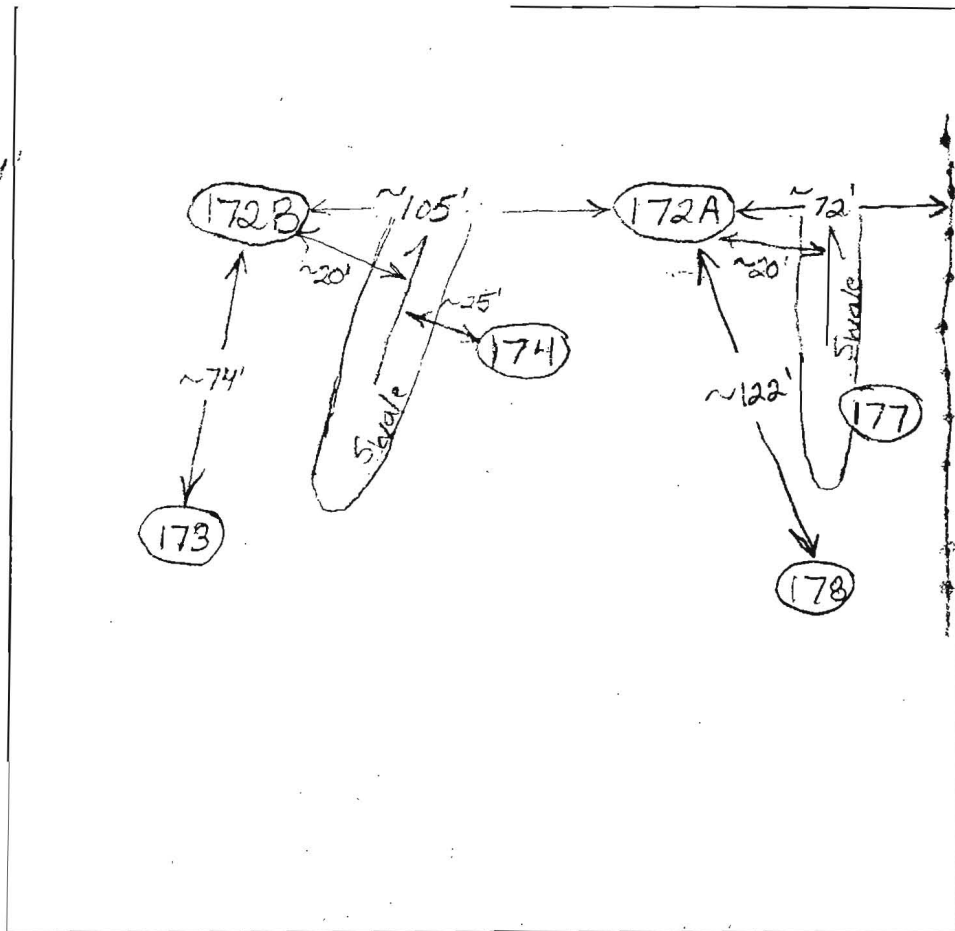
TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

AP 172B
 Or Br Loam
 and Topsoil 3'-4'
 Or Br
 Sa Loam
 ~15% Rock
 and
 Saprolite
 9'
 Caving
 Water 9.5'

172A
 Or Br Loam
 and Topsoil 2.5'
 Or Br
 Sa Loam
 ~35%
 Rock and
 Saprolite
 13'
 Caving-
 Seepage
 Water 11.5'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/20/03	172B	4' 2" / 9.5' V	1:53:45	1:55:40	1:55:40	1:58:35	3
		5' 10"	1:54:15	1:55:35	1:55:25	1:57:15	~2 1/2
	172A	3' / 11.5' V	2:19:20	2:21:15	2:21:15	2:36	~8
		4.5'	2:19:30	2:20:15	2:20:15	2:21:25	1 + re n.
	Repair	4.5'	2:26:15	2:27:30	2:27:30	2:28:50	~1/2
	12"x12"	4.5'	2:33:20	2:34:50	2:34:50	2:36:30	~1/2 Marg.
	Holes 172A and 172B are O.K. For a Shallow System						

REMARKS Holes 172A and 172B are both 5' tog close to swales

SANITARIAN B. Baker BACKHOE Fogles OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

COUNTY #

SOIL PROFILE

(124)
 Red Br Heavy Loam 2'-4.5'
 Light Br Sa Loam ~20% Rock
 ~30% Rock Below 9.5'

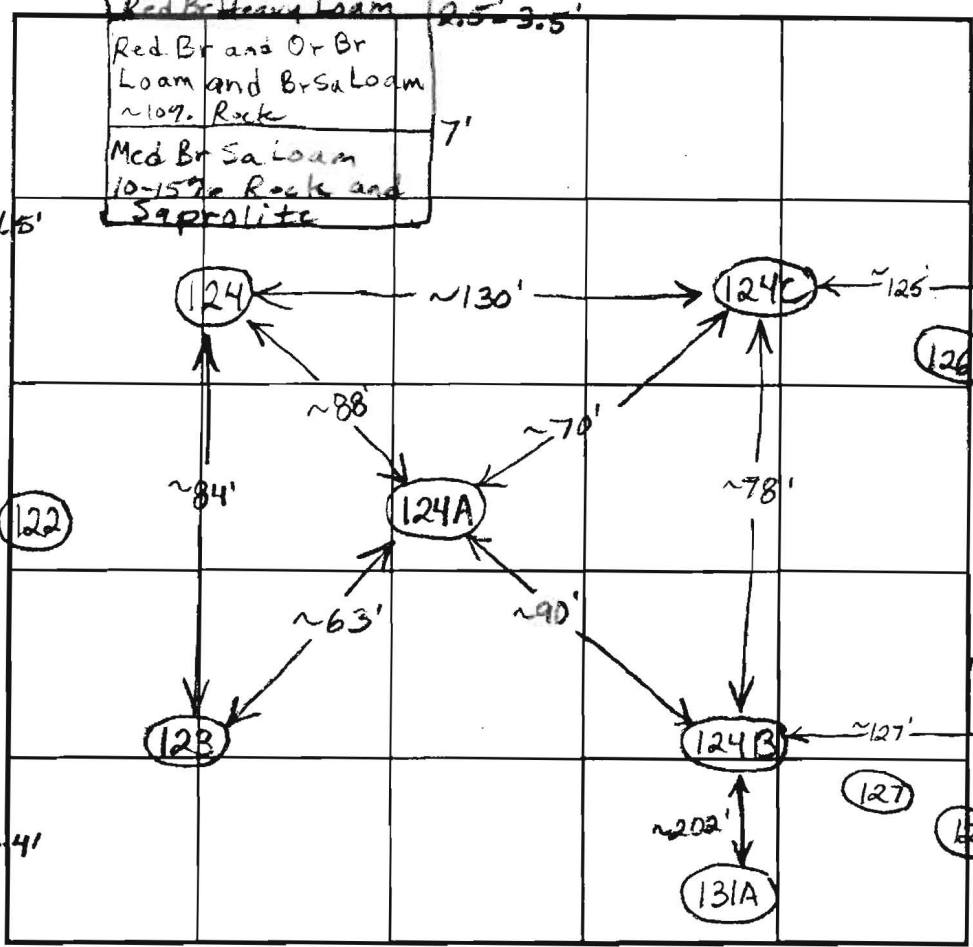
(123)
 Red Br Heavy Loam 3.5'-4'
 Red Br and Or Br Loam 4.5'
 Med Br Sa Loam 13'-9"
 15-20% Rock and Saprulite

(124A)
 Red Br Heavy Loam 3.5'-4'
 Red and Or Br Loams and Br Sa Loam 4'-6"
 10-15% Rock
 Dense Med Br Sa Loam 12'-9"
 15-20% Rock and Saprulite

(124B)
 Red Br Heavy Loam 2.5'-3.5'
 Red Br and Or Br Loam and Br Sa Loam ~10% Rock
 Med Br Sa Loam 7'
 10-15% Rock and Saprulite

SOIL PROFILE

(124C)
 Red Br Heavy Loam 2'-3.5'
 Red Br Loam 4.5'
 Med Br Sa Loam
 20-25% Rock and Saprulite

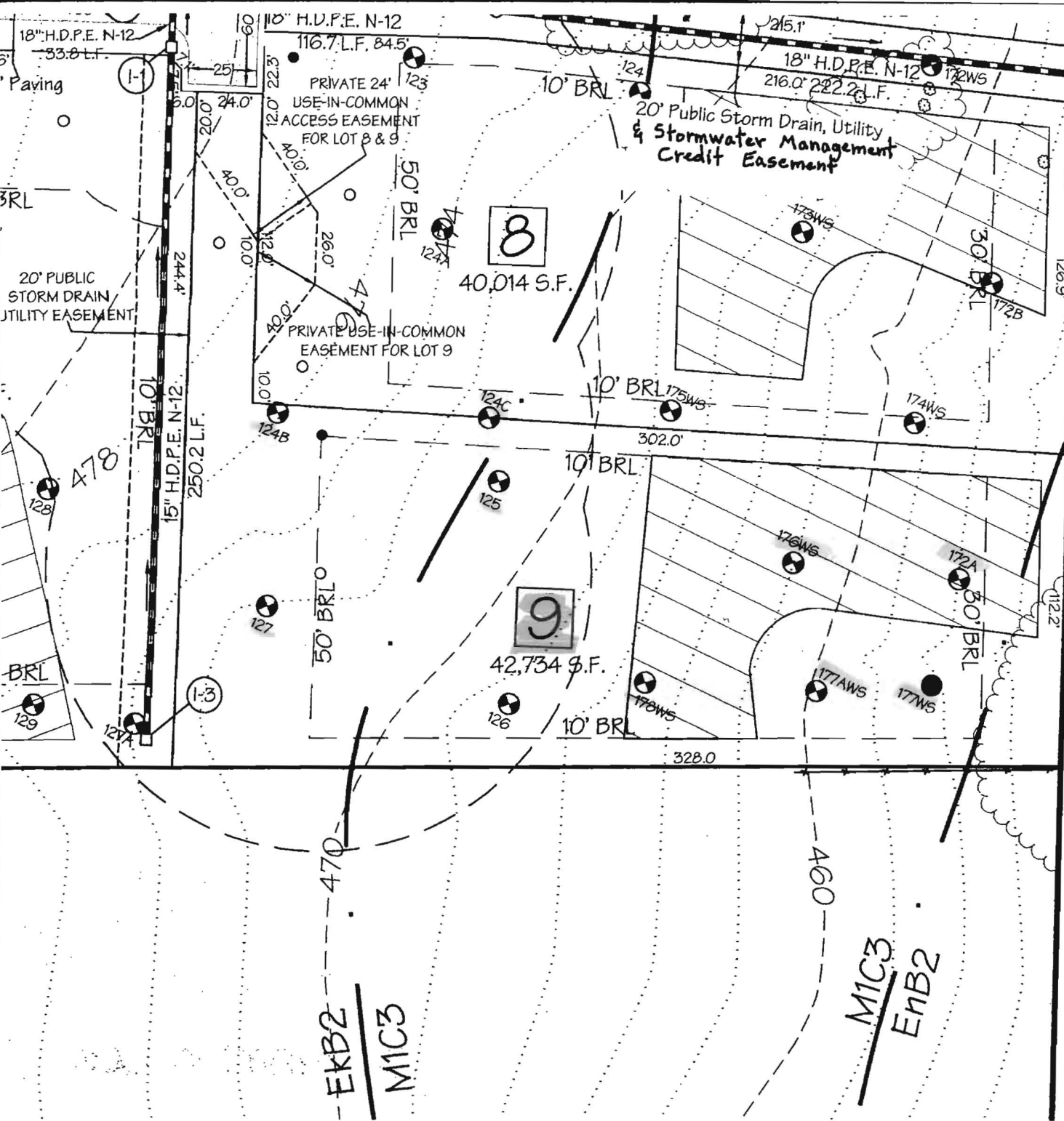


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/28/03	124	4'9"/13'v	11:27	11:31	11:31	12:41	10	O.K.
		7'	11:27	11:30:30	11:30:30	11:39	8 1/2	
	123	4'10"/13'9"v	11:44	11:47	11:47	11:54	7	O.K.
		7'	11:44	11:50	11:50	12:03	13	
	124A	5'/12'9"v	12:09	12:19	12:19	12:39	20	O.K.
		6'10"	12:13	12:33	12:33	12:58	25	
	124C	4'9"/13.5'v	12:45	12:46	12:46	12:50	4	O.K.
		6.5'	12:44	12:46:15	12:46:15	12:51:15	5	
	124B	4.5'/13.5'v	12:54	~5/8" in 20 minutes				slow O.K.
		6.5'	12:56	1:00	1:00	1:08:30	8 1/2	

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY B. Baker / F. Alfonso ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SO FT/BEDROOM _____

PLINE SEE SHEET 3



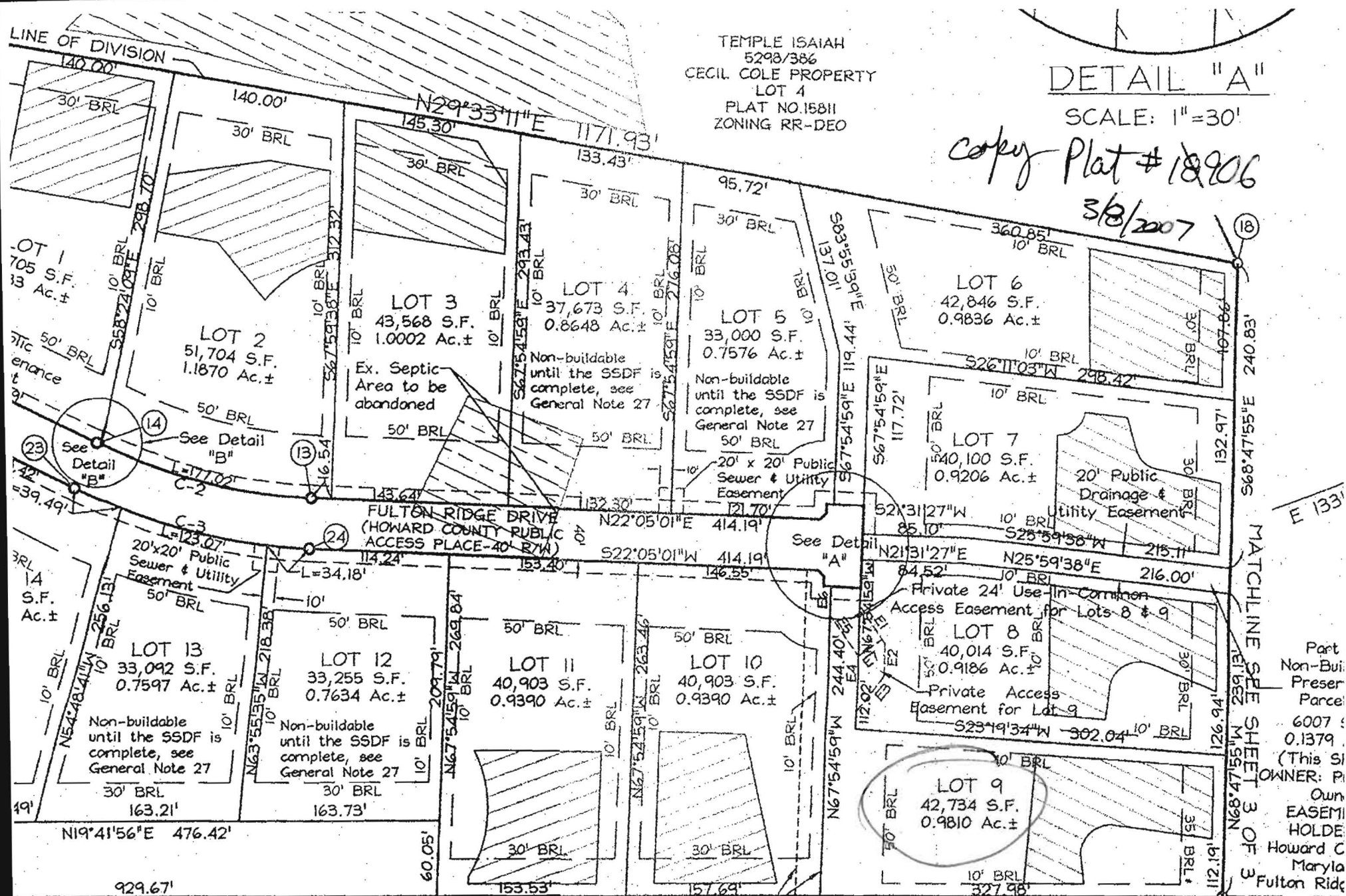
TEMPLE ISAIAH
5298/386
CECIL COLE PROPERTY
LOT 4
PLAT NO. 15811
ZONING RR-DEO

DETAIL "A"

SCALE: 1"=30'

copy Plat # 18906

3/8/2007



S19°41'56"W 1924.67'
1582.20' (THIS SHEET)

20' Private Drainage & Utility Easement (HOA Maintained)

* 35' Environment BRL From Stream Buffer

FLORENTINE J. BOARMAN
ROSETTE A BOARMAN
190/306
ZONING RR-DEO
P.62

Owners: Christopher R. Cole
Gail Victoria Gray
796 Rocky Road
Johnson, VT 05656-9151

Part Non-Buil
Preser
Parcel
6007
0.1379
(This SI
OWNER: P
Own
EASEMI
HOLDE
Howard C
Maryla
Fulton Ridg

21