

# 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, 2002

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 Gail 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. 2

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

0' (107)  
 Red Br Heavy Loam 4'-4.5'  
 Light Red Br Sa Loam ~15% Rock and Saprolite 15.5'

(106)

Red Br Heavy Loam 5.5'-6.5'  
 Red Br Loam 9.5'  
 Red Br Sa Loam Vein of ~30% Rock Below 6.5' Large Pocket of 75% Rock Below 11' 16'

(108)

Red Br Heavy Loam 4'-4.5'  
 Light Red Br Sa Loam ~15% Rock and Saprolite 16'

(106B)  
 Red Br Heavy Loam + Topsoil 6'  
 Or Br Loam ~10% Rock 9'  
 Beige Sa Loam ~10% Rock Pocket of 75% Quartzite

(109)

From 12.5 to Bottom

Storage Building

(108)

(106B)

(106)

(107)

SOIL PROFILE

0' (109)  
 Red Br Heavy Loam 4'-5'  
 Beige Sa Loam ~10% Rock and Saprolite 15.5' Moist and Mottled At Very Bottom (110)  
 Red Br Heavy Loam 3-3.5'  
 Beige Sa Loam 15-20% Rock and Saprolite

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. 16' Route 216

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
9/11/02	107	5.5'/15.5'	10:10	10:11:15	10:11:15	10:13	1 min 45 sec	O.K.	
	106	5'7"/16'	10:27	10:41:30	10:41:30	~3/8" in 15 min	Slow		
		6'8"	11:09	11:25	~3/4" in 30 min	(F)			
	108	5.5'/16'	1:05	1:06:20	1:06:20	1:08:30	~2	O.K.	
	109	5'/15.5'	1:12:15	1:20	1:20	1:42:30	2 1/2	O.K.	
	110	4'3"/16'	1:22:30	1:23:40	1:23:40	1:26	~2 1/2	O.K.	
9/12/02	106B	6'8"/14'	3:33	3:46	3:46		5 min	(F)	
			~7/8" in 30 minutes						

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 \_\_\_\_\_

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PROPERTY LOCATION:

SUBDIVISION Cecil Cole Property LOT NO. 3

ROAD AND DESCRIPTION MD. Route 216, 12,200 Block, North  
Side of road

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 #

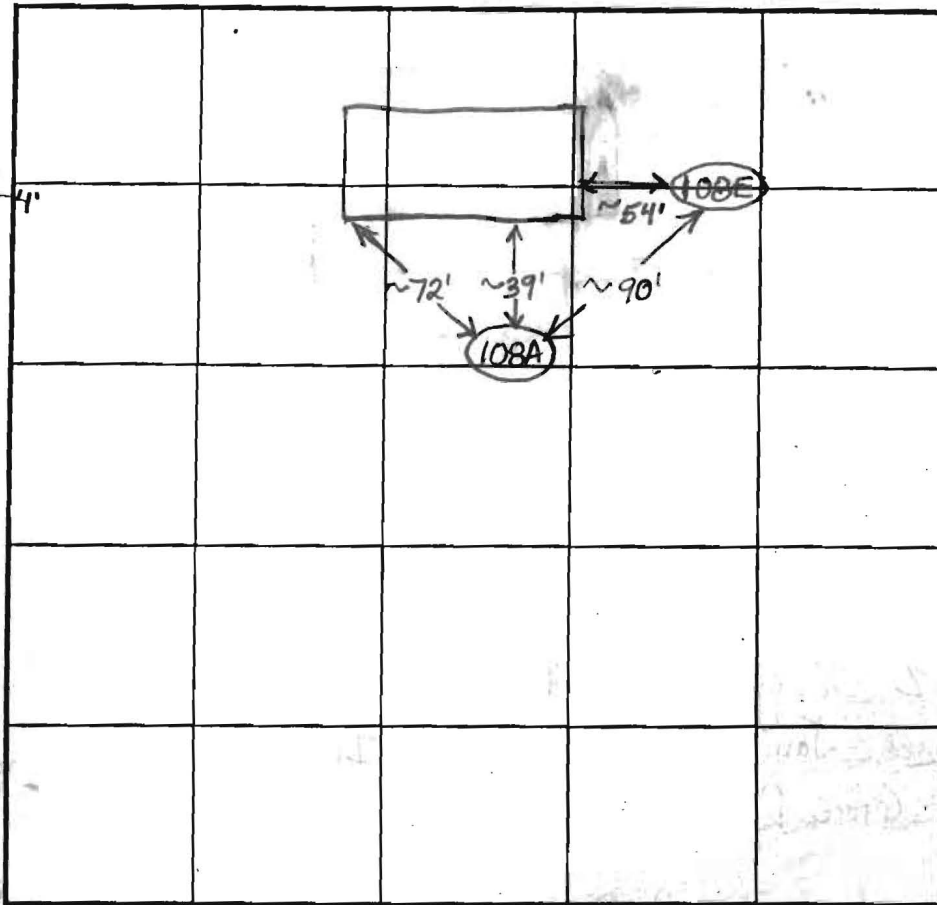
SOIL PROFILE

0' (108A)  
 Red Br Heavy Loam 3.5'  
 Red Br and Or Br Loam 5'  
 Or Br Sa Loam 10-15% Rock and Saprolite 13'

(108E)  
 Red Br Heavy Loam 2.5'  
 Red Br Heavy Loamy Loam and Sa Loam Less than 10% Rock 5.5'  
 Red Br Loam and Sa Loam - 10% Rock 6.5'  
 Red Br Sa Loam 20-25% Rock and Saprolite 13'

SOIL PROFILE

0'



INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.

Route 216

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/29/03	108A	4'9"/13'V	3:05	3:22	3:22		Slow O.K.
		7'	3:04	3:09:30	3:09:30	3:23	13 1/2
1/31/03	108E	5'2"/13'V	4:00:30	~3/8" in 15 minutes			Slow
		6'10"	4:02	Test Ended, Back filled By Contractor			Retest

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 \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

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DISTRICT \_\_\_\_\_

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PROPERTY LOCATION:

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COUNTY #

SOIL PROFILE

0'

Red Br Heavy Loam

3.5-4'

Beige Sa Loam

10-15%

Rock and Saprolite

16.5'

(112)

Red Br Heavy Loam

5'

Red Br Loam

6'

Light Br Sa Loam

~20% Rock  
Predominantly Saprolite

14.5'

(113)

Red Br Heavy Loam

5.5-6'

Light Red Br and Beige Sa Loams

15-20% Predominantly Saprolite

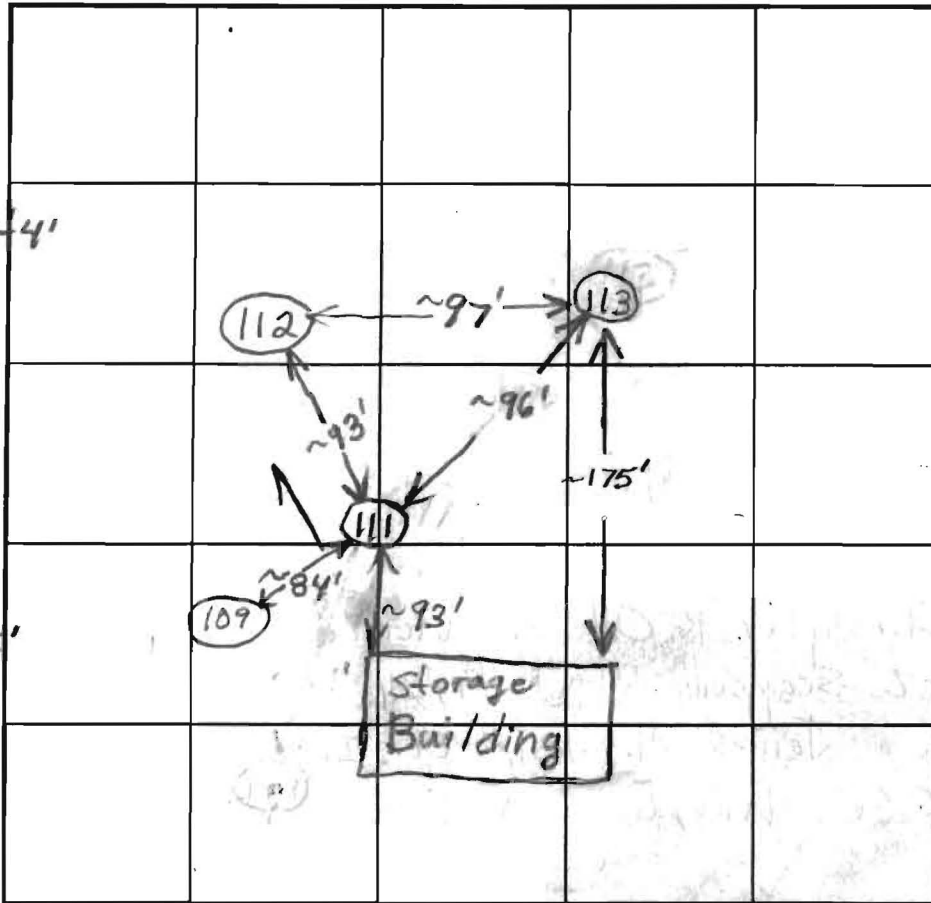
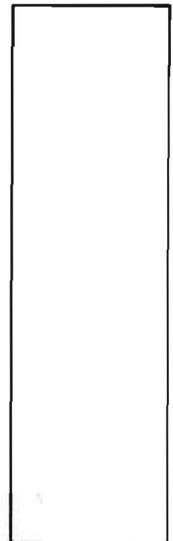
12.5-13'

Possible Mottling

14'

SOIL PROFILE

0'



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE.

Route 216

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/11/02	111	5'/16.5'V	1:31:30	1:32:45	1:32:45	1:35	~2	O.K.
	112	6'/14.5'V	1:44:45	1:53	1:53	2:07	14	O.K.
	113	6'/14'V	1:56	2:01	2:01	2:17	16	O.K.

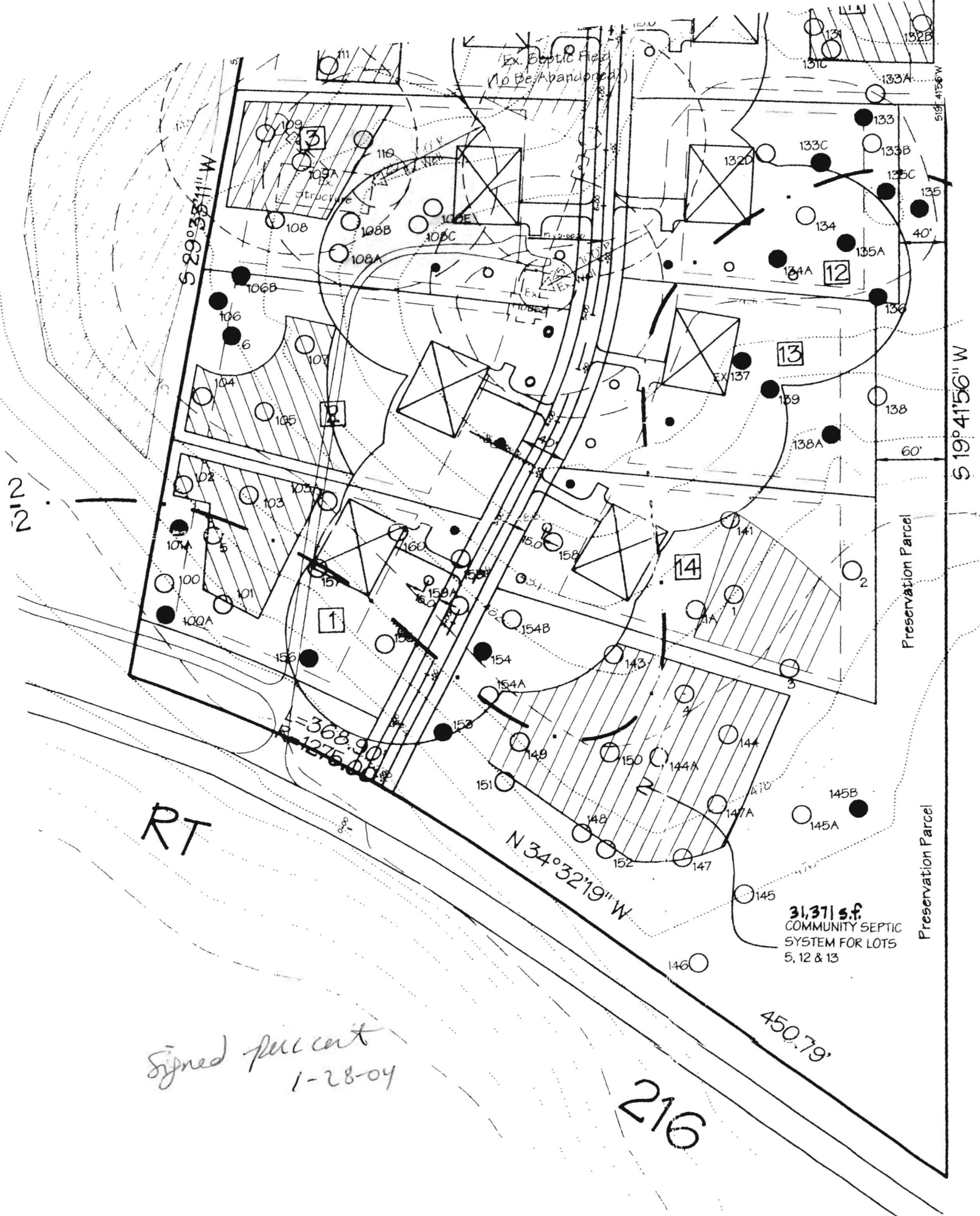
REMARKS \_\_\_\_\_

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

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

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



Ex. Septic Field  
(To Be Abandoned)

Preservation Parcel

Preservation Parcel

31,371 s.f.  
COMMUNITY SEPTIC  
SYSTEM FOR LOTS  
5, 12 & 13

Signed per cert  
1-28-04

216

RT

212

450.79'

N 34° 32' 19" W

S 29° 38' 11" W

S 19° 41' 56" W

368.90'  
1275.00'

60'

40'

111

131  
132B  
132C  
133A

109  
109A

110

108

108B

108C

108A

106B

106

107

104

105

102

103

104A

100

101

100A

156

146

150

158

159A

150

153

154

154A

153

149

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144A

147A

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154A

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EX 137

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138A

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134A

135A

136

133C

133B

135C

134

133A

132B

132C

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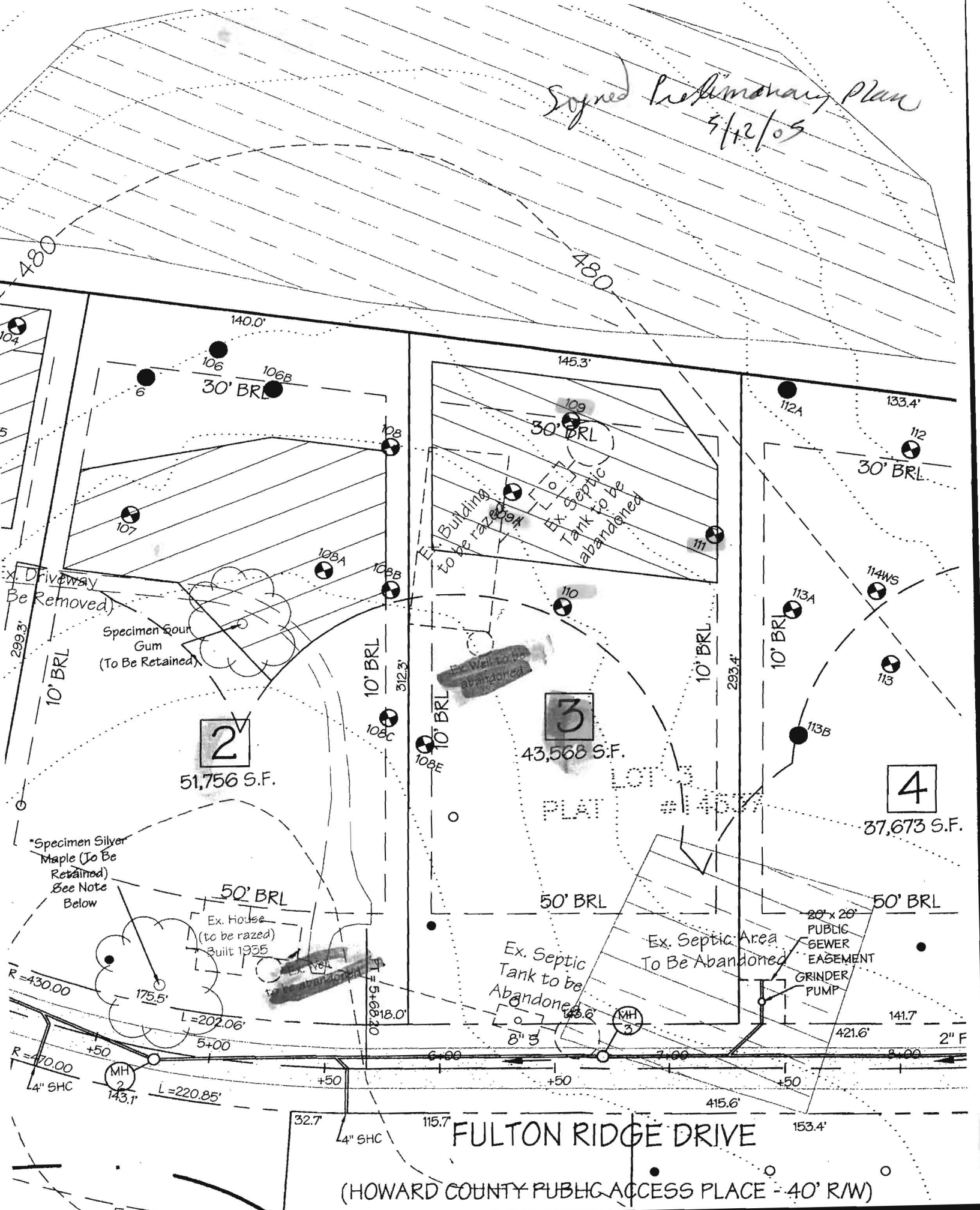
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154A

Signed Preliminary Plan  
5/12/05



FULTON RIDGE DRIVE

(HOWARD COUNTY PUBLIC ACCESS PLACE - 40' R/W)