APPLICATION

PERCOLATION TESTING

A _____

P _____

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

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 *Clifford and Betty Harrison*

ADDRESS *3155 Route 32, West Friendship, MD 21794* PHONE *410-442-2196*

AGENT OR PROSPECTIVE BUYER *Heritage Land Development*

ADDRESS *3060 Washington Rd., Suite 220, Glenwood, MD 21738* PHONE *410-489-7900*

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. ~~8~~ 5

ROAD AND DESCRIPTION *Off of Route 32, South of Rosemary Lane 3/4 of a mile*

TAX MAP NO. *22* PARCEL # *17*

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

HD-216 (3/92)

COUNTY #

SOIL PROFILE

0'

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
6-22-01	1125	2.0' S	11:20$_3$	11:23$_3$	11:23$_2$	11:30	7
	1124	2.5' S	12:19$_3$	12:20$_3$	12:20$_3$	12:22	2

REMARKS

TYPE OF SOIL

TESTED BY DKC

ALSO PRESENT C. Zepp, T. Reagg

TRENCH DESIGN DATA: AVG. PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

4/24/01 10:0

APPLICATION

PERCOLATION TESTING

A 514944

P

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

DISTRICT

DATE 2/23/01

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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AGENT OR PROSPECTIVE BUYER *Heritage Land Development*

ADDRESS *3060 Washington Rd., Suite 220, Glenwood, MD 21738* PHONE *410-489-7900*

PROPERTY LOCATION:

SUBDIVISION Harrison Property LOT NO. X

ROAD AND DESCRIPTION *Off of Route 32, South of Rosemary Lane 3/4 of a mile*

TAX MAP NO. *22* PARCEL # *17*

SIZE OF LOT *3 Acres* TYPE OF BLDG. *SFD*
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(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

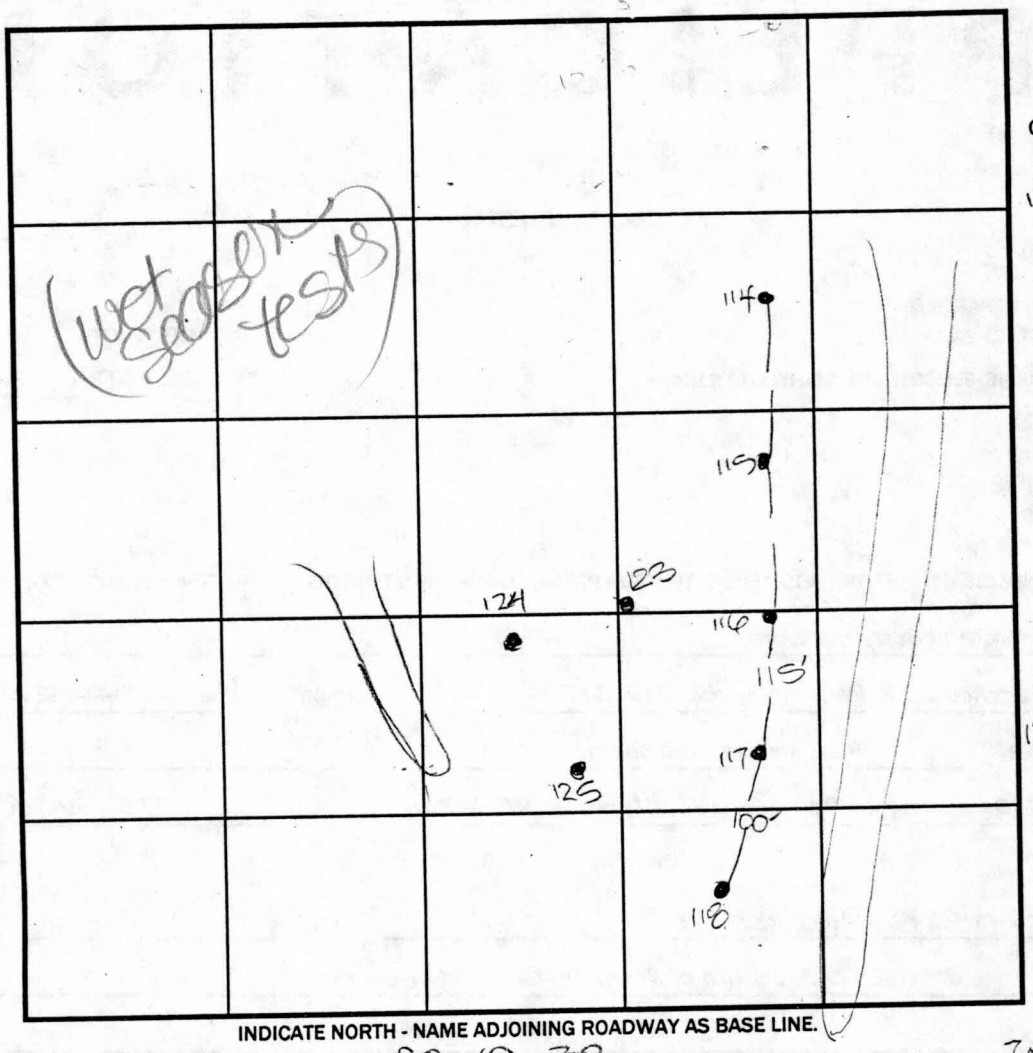
HD-216 (3/92)

COUNTY #

SOIL PROFILE

0' 118
1' topsoil
org red brn cl lm
3.5 4'
lt org brn si mica lm
15% sh
3'10" water

0' 117
1' topsoil
org red cl lm
4'
med org brn si mica lm
11' seepage
13' water



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 32

SOIL PROFILE

0' 124/125
1' topsoil
org brn cl lm
org brn to med brn si lm w/sh
10% ot
12' water

0' 123
1' topsoil
dull org brn cl lm to dk grey brn si cl lm
7.5' water

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4-24-01	118	4.0' S	12:25	12:34	12:34	12:45	11
		13'10" D	water	-see profile			OK
	117	11.0' D	seepage	water@	13.0'	see profile	FAIL
	116	9.0' D	seepage	water	9'10"		FAIL
	115	5'5" D	seepage	water	7'8"		FAIL
	114	3.5' D	water				FAIL
	123	7.5' D	water	-see profile			FAIL
	124	12.0' D	water	-see profile			HOLD FO PERCOP
	125	12.0' D	water	-see profile			HOLD F PERCOT

REMARKS SHALLOW REPAIRS BOTTOM AT 4'

TYPE OF SOIL

TESTED BY DKC

ALSO PRESENT C. Zepp, T. Feo

TRENCH DESIGN DATA: AVG. PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

COUNTY #

SOIL PROFILE

0' 136

6" topsoil

red brn cl lm

3'

H org brn si mica lm

15% of soapr sh

3.5'

SOIL PROFILE

0'

See other page

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
6-22-01	1121 A	2.0'S	10:06	10:11	10:11	10:20$_3$	10
	1121 B	2.0'S	10:07	10:07$_3$	10:07$_3$	10:09	2
	134A	2.0'S	10:07$_2$	10:18$_3$	10:18$_3$	10:30	12
	136	3.0'S	10:11$_3$	10:16	10:16	10:23	7
		13.5'D	visual	-see	profile		OK

retest of old holes (wet soils)

REMARKS

TYPE OF SOIL

TESTED BY DKC ALSO PRESENT C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

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AGENT OR PROSPECTIVE BUYER *Heritage Land Development*

ADDRESS *3060 Washington Rd., Suite 220, Glenwood, MD 21738* PHONE *410-489-7900*

PROPERTY LOCATION:

SUBDIVISION Harrison Property LOT NO. *Existing Lot*

ROAD AND DESCRIPTION *Off of Route 32, South of Rosemary Lane 3/4 of a mile*

TAX MAP NO. *22* PARCEL # *17*

SIZE OF LOT *20 Acres* 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.

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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

HD-216 (3/92)

COUNTY #

SOIL PROFILE

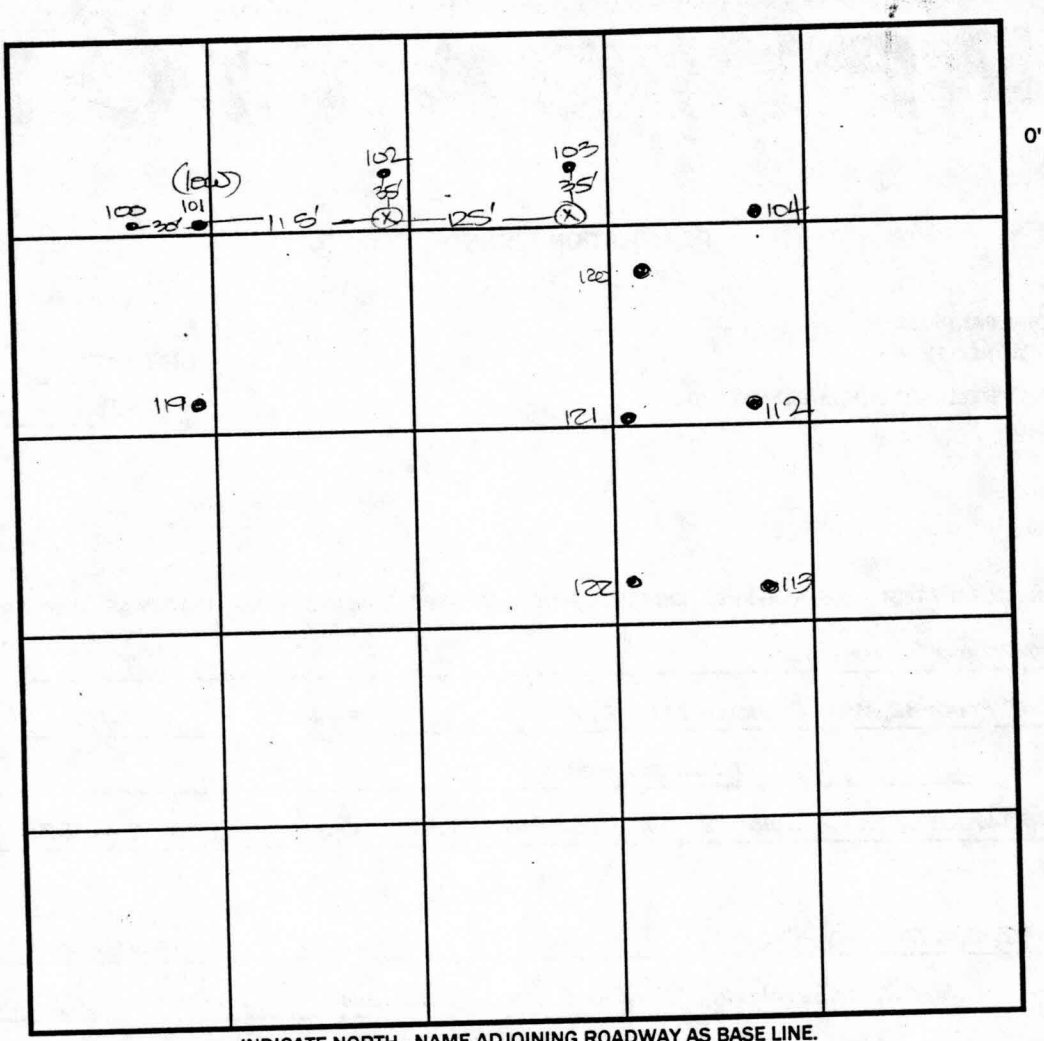
0' 103

1' topsoil

red org bm dk bm

med to dk org bm si mica bm

5' water



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 32

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4-24-01	113	5.0' D	water				FAIL
	112	7.5' D	water				FAIL
	104	6.5' D	water				FAIL
	103	12.5' D	water	-see profile			

REMARKS

TYPE OF SOIL

TESTED BY DKC

TRENCH DESIGN DATA: AVG. PERCOLATION TIME

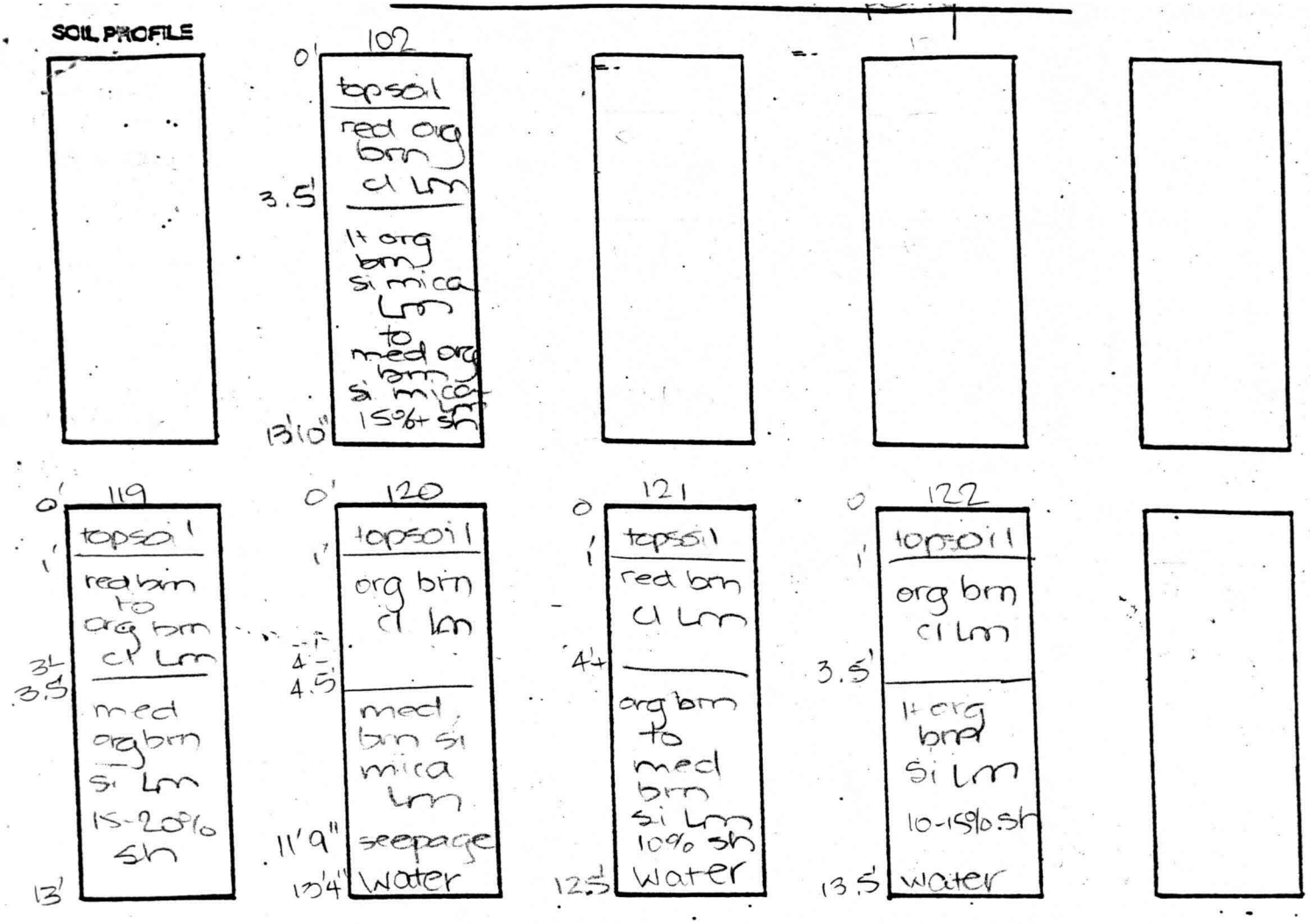
INLET DEPTH MAXIMUM BOTTOM DEPTH

ALSO PRESENT C. Zepp, T. Feac

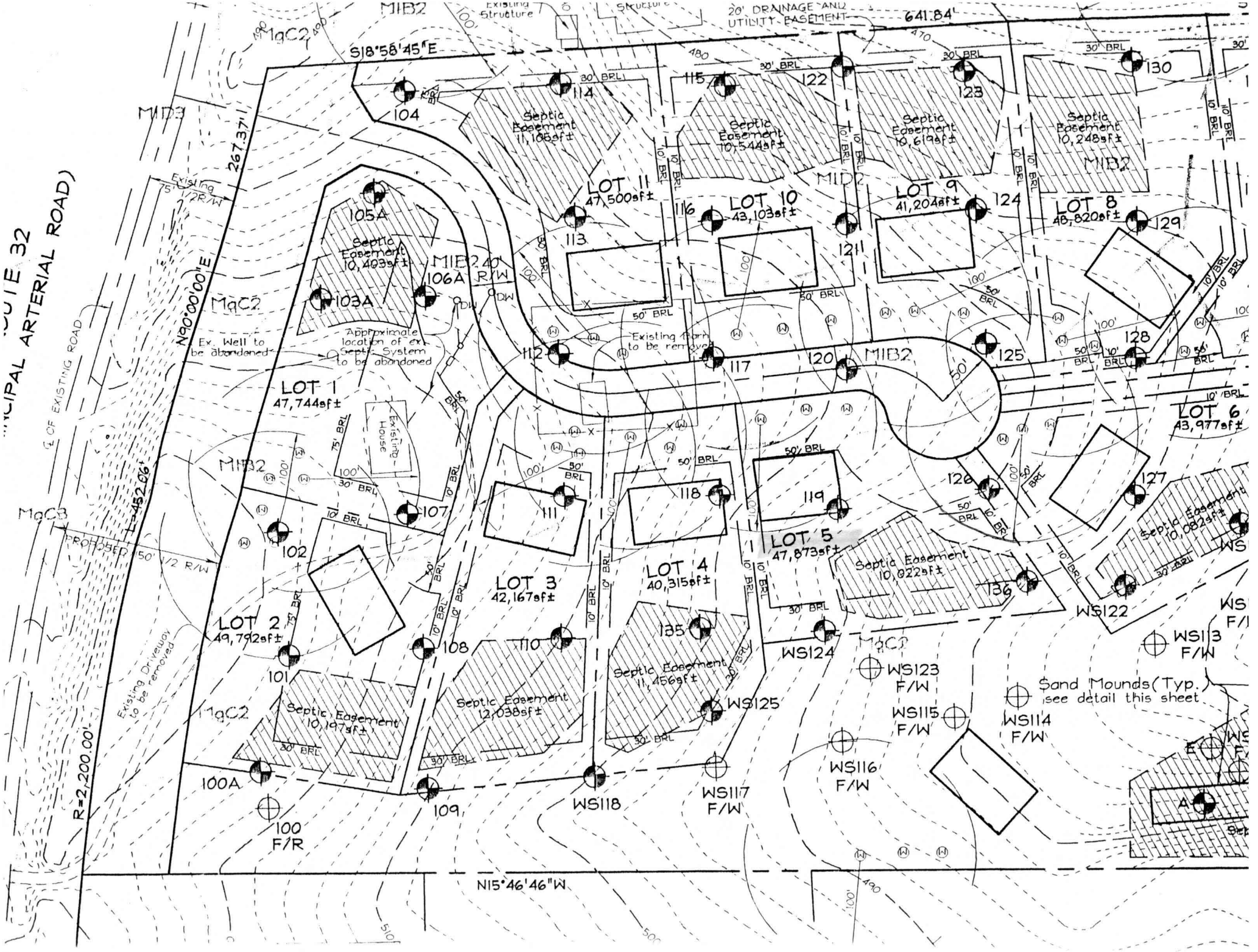
TRENCH WIDTH

SQ. FT/BEDROOM

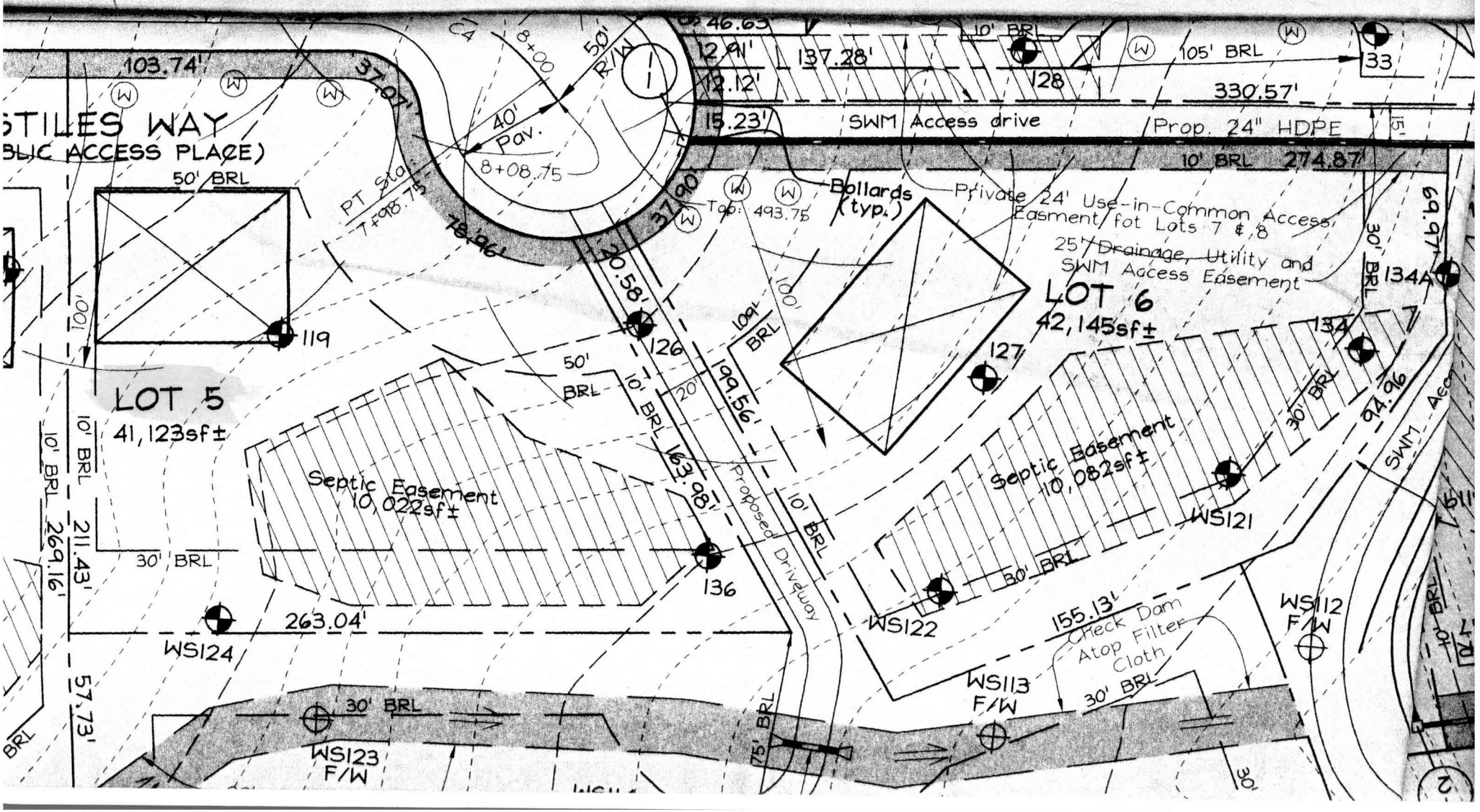
SOIL PROFILE

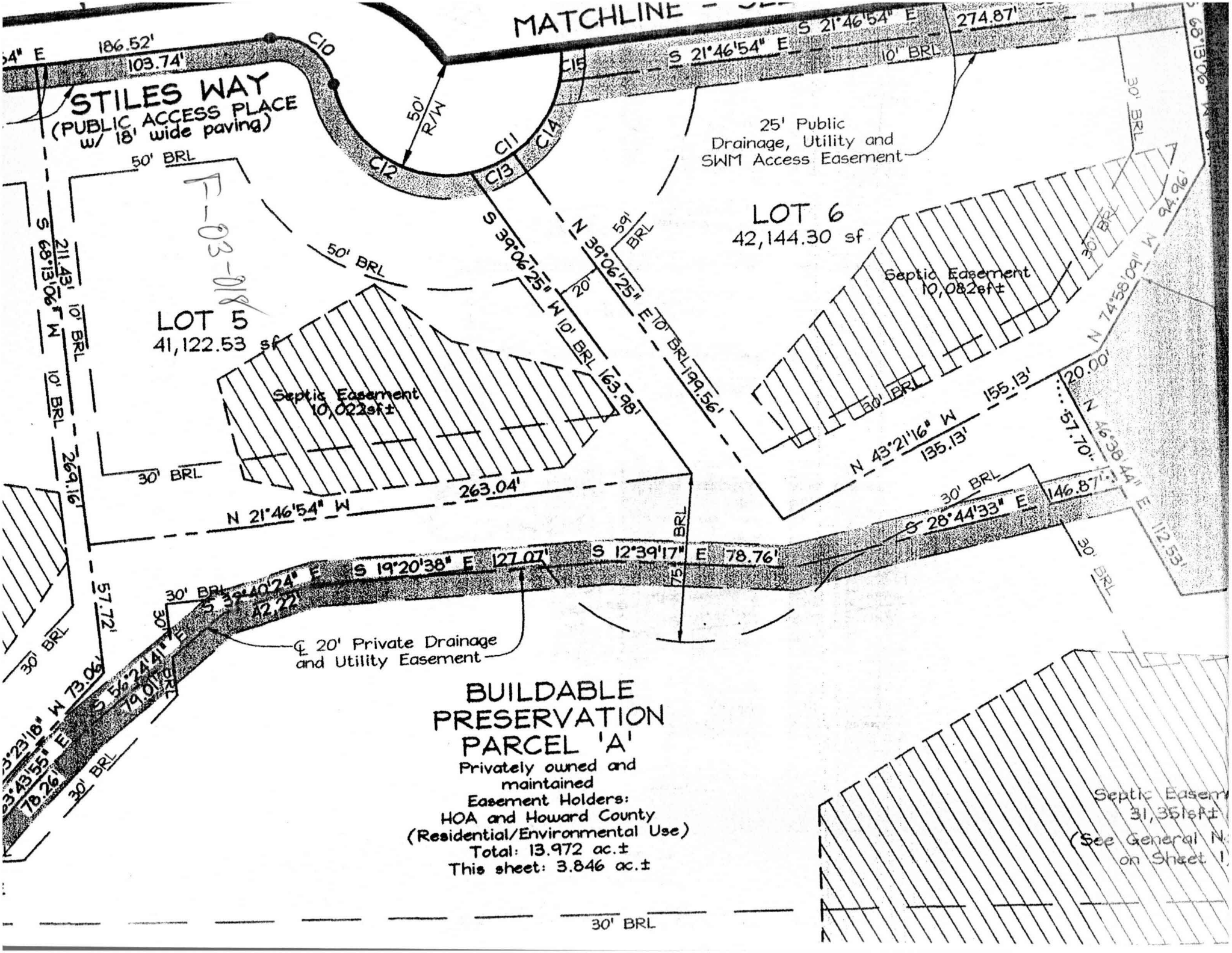


DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4-24-01	102	4.0' S	12:34	12:36	12:36	12:40	4
		13'10"D	water	-see	profile		OK
	101	10.0'	water	(clay	to 5'-	mottles	FAIL
	100	3.0'D	Refusal				FAIL
	119	13.0'D	visual	-see	profile		OK
	120	11'9" D	seepage	water @	13'4"	see profile	FAIL
	121	12.5' D	water	-see	profile		HOLD FOR PERC TEST
	122	13.5' D	water	-see	profile		OK


MIB2
Existing Structure
20' DRAINAGE AND UTILITY EASEMENT
641.84'
MaC2
S18°58'45"E
MID3
267.37'
Existing 75' 1/2 R/W
N90°00'00"E
MaC2
Ex. Well to be abandoned
Approximate location of ex. Septic System to be abandoned
Existing House
LOT 1
47,744sf±
MIB2
MaC3
PROPOSED 50' 1/2 R/W
L=452.06'
℄ OF EXISTING ROAD
Existing Driveway to be removed
MaC2
R=2,200.00'
N15°46'46"W
LOT 2
49,792sf±
LOT 3
42,167sf±
LOT 4
40,315sf±
LOT 5
47,873sf±
LOT 6
43,977sf±
LOT 8
48,820sf±
LOT 9
41,204sf±
LOT 10
43,103sf±
LOT 11
47,500sf±
Septic Easement 11,105sf±
Septic Easement 10,544sf±
Septic Easement 10,619sf±
Septic Easement 10,248sf±
Septic Easement 10,403sf±
Septic Easement 10,197sf±
Septic Easement 12,038sf±
Septic Easement 11,456sf±
Septic Easement 10,022sf±
Septic Easement 10,082sf±
Existing Tank to be removed
Sand Mounds (Typ.) see detail this sheet
WS113 F/W
WS114 F/W
WS115 F/W
WS116 F/W
WS117 F/W
WS118
WS122
WS123 F/W
WS124
WS125
100 F/R
100A
101
102
103A
104
105A
106A
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
135
136
30' BRL
50' BRL
10' BRL
75' BRL

3/20/02
Signed
prelim




MATCHLINE
STILES WAY
(PUBLIC ACCESS PLACE
w/ 18' wide paving)
50' R/W
C10
C11
C12
C13
C14
C15
186.52'
103.74'
S 21°46'54" E
274.87'
10' BRL
30' BRL
25' Public
Drainage, Utility and
SWM Access Easement
LOT 6
42,144.30 sf
Septic Easement
10,082sf±
LOT 5
41,122.53 sf
Septic Easement
10,022sf±
50' BRL
S 39°06'25" W
N 39°06'25" E
10' BRL
163.98'
199.56'
20'
59'
S 68°13'06" W
211.43'
269.16'
N 21°46'54" W
263.04'
N 43°21'16" W
135.13'
155.13'
N 74°58'09" W
94.96'
20.00'
57.70'
N 46°38'44" E
112.53'
146.87'
S 28°44'33" E
S 12°39'17" E
78.76'
S 19°20'38" E
127.07'
S 39°40'24" E
42.22'
75' BRL
57.72'
S 23°18" W
73.06'
S 50°24'41" E
79.01'
S 43°55" E
78.26'
℄ 20' Private Drainage
and Utility Easement
BUILDABLE
PRESERVATION
PARCEL 'A'
Privately owned and
maintained
Easement Holders:
HOA and Howard County
(Residential/Environmental Use)
Total: 13.972 ac.±
This sheet: 3.846 ac.±
Septic Easem
31,351sf±
(See General N
on Sheet 1
F-03-018