

APPLICATION

PERCOLATION TESTING

A 518543

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 2/12/2003

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 The Estate of Elizabeth Smith c/o Charles Slade, Personal Representative

ADDRESS 10450 Shaker Dr., Ste 112 Columbia, MD 21046 PHONE _____

AGENT OR PROSPECTIVE BUYER MacBeth Farm, LLC

ADDRESS 8808 Centre Pk. Dr., Ste 209 Columbia, MD 21045 PHONE 410.964.5522

PROPERTY LOCATION:

SUBDIVISION MacBeth Farm LOT NO. 29

ROAD AND DESCRIPTION MD Rt. 108 Clarksville, MD- Approximately 1 mile south of the Guilford Rd./
Rt. 108 intersection

TAX MAP 34 PARCEL# p/o 90

SIZE OF LOT 1 Acre TYPE BLDG. Single Family Dwelling
(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

COUNTY #

SOIL PROFILE

0' 630
Brown
SiCL

2' Heavy
orange
brown
L

6' Fine
yellowbrown
SL

14'

627
Brown
SiCL

1 1/2' heavy
red orange
L

3' heavy
red
orange
SiCL
w/ 50%
coarse
chert frags

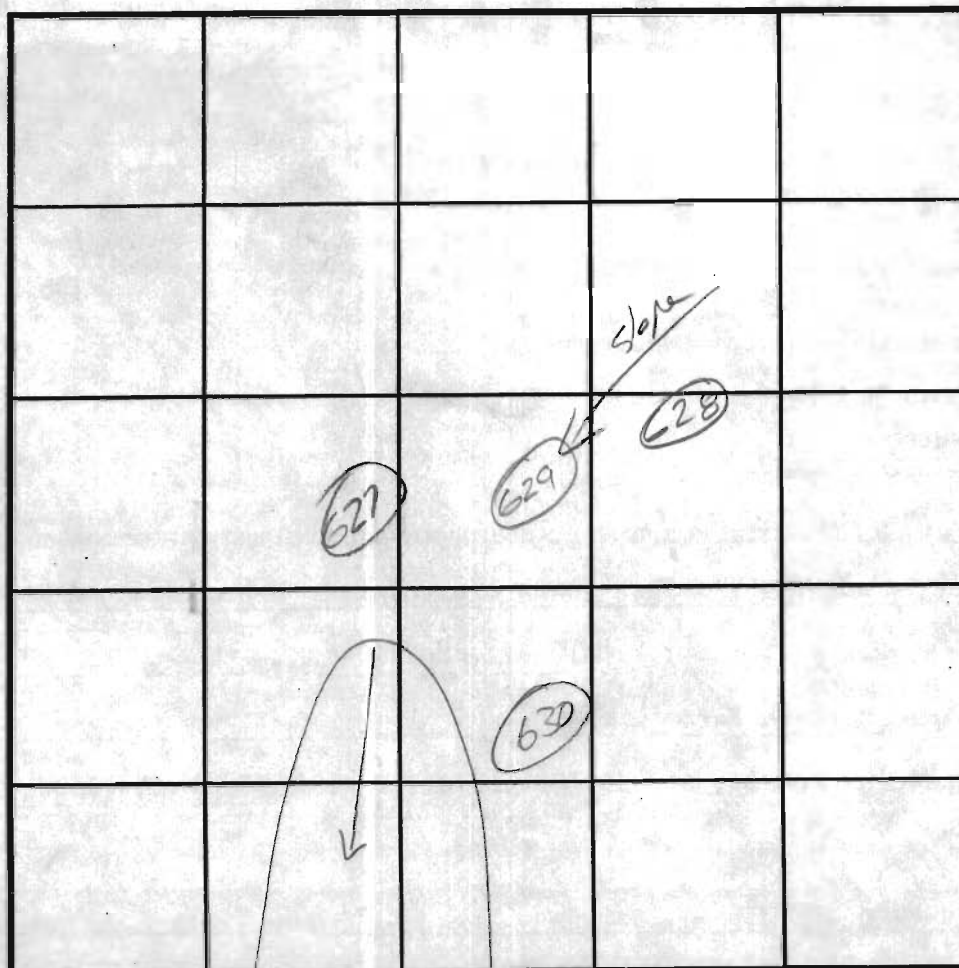
6' yellowbrown
micaceous
SL

13'

628
red orange
SiCL

3' heavy
red orange
SiCL

6 1/2' yellow
brown
SL



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 629
Brown
SiCL

1 1/2' orange
brown
SiCL

5 1/2' orange
brown
micaceous
SL

14' yellow
brown
fine SL

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/29/03	<u>630</u>	<u>6 1/2</u> 14	1:44:45	1:46:45	1:46:45	1:50:45	4
4/29/03	<u>627</u>	<u>2</u> 13	1:55:00	1:58:45	1:58:45	2:04:45	6 ok
7/11/03	<u>628</u>	<u>7</u> 14	8:22	8:23	8:23	8:26	3 ok
	<u>629</u>	14 V	O.K @ 6				2-7 ok

REMARKS

TYPE OF SOIL

TESTED BY

J. Boris

ALSO PRESENT

P. Gray
Natl. U.S.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

0' 631
Brown micaceous SiCL
2 heavy orange brown micaceous SiCL
6 1/2 yellow brown cw SL w/ < 5% coarse frags micaceous

13

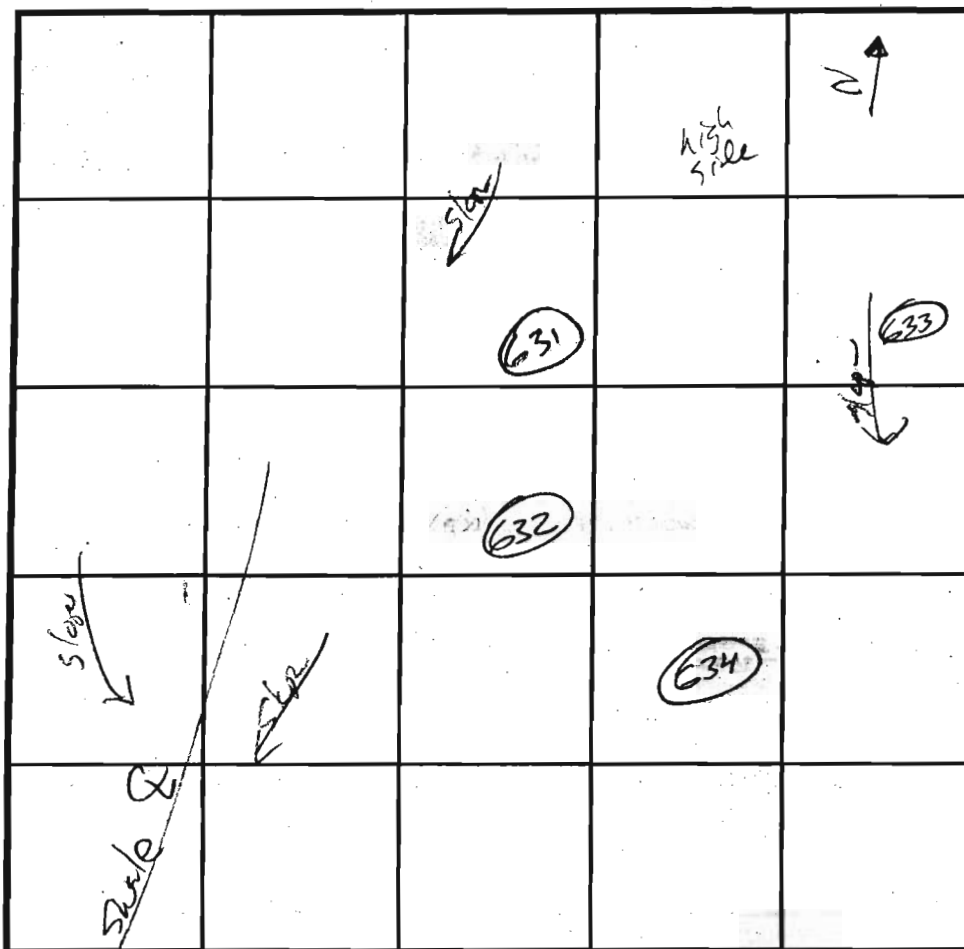
632

red orange micaceous SiCL
2 red orange SiCL
3 1/2 red orange cw L
5 1/2 yellow brown fine micaceous SL w/ 10-15% stony Qtz frags

12

634

Orange brown gravelly micaceous SiCL
2 orange brown micaceous SiCL
5 yellow brown micaceous SL w/ 10-15% coarse cherty Qtz frags
13



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 633
Orange brown micaceous SiCL
1 1/2 orange brown micaceous SiCL w/ 15-20% coarse Qtz frags
4 yellow brown SiCL/SL w/ 10-15% coarse Qtz frags
13

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/11/03	631	7 13	8:37	8:46	8:46	8:57	11	ok
7/11/03	632	12V	ok	5 1/2			8:15	ok
7/11/03	634	5 1/2 13	9:01	9:05	9:03	9:06	3	ok
7/11/03	633	5 13	9:13	9:15	9:15	9:19	4	ok

REMARKS cw = weakly cemented;

TYPE OF SOIL

TESTED BY J. Boris

ALSO PRESENT B. G. H. H. H. H. H.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 727
 5" Dark Brown
 Topsoil
 Brown
 Topsoil
 1' Lt Brown
 Silty loam
 9' Lt Brown
 Loamy
 Sand
 L 590
 Gneiss
 14' Sepiolite

725

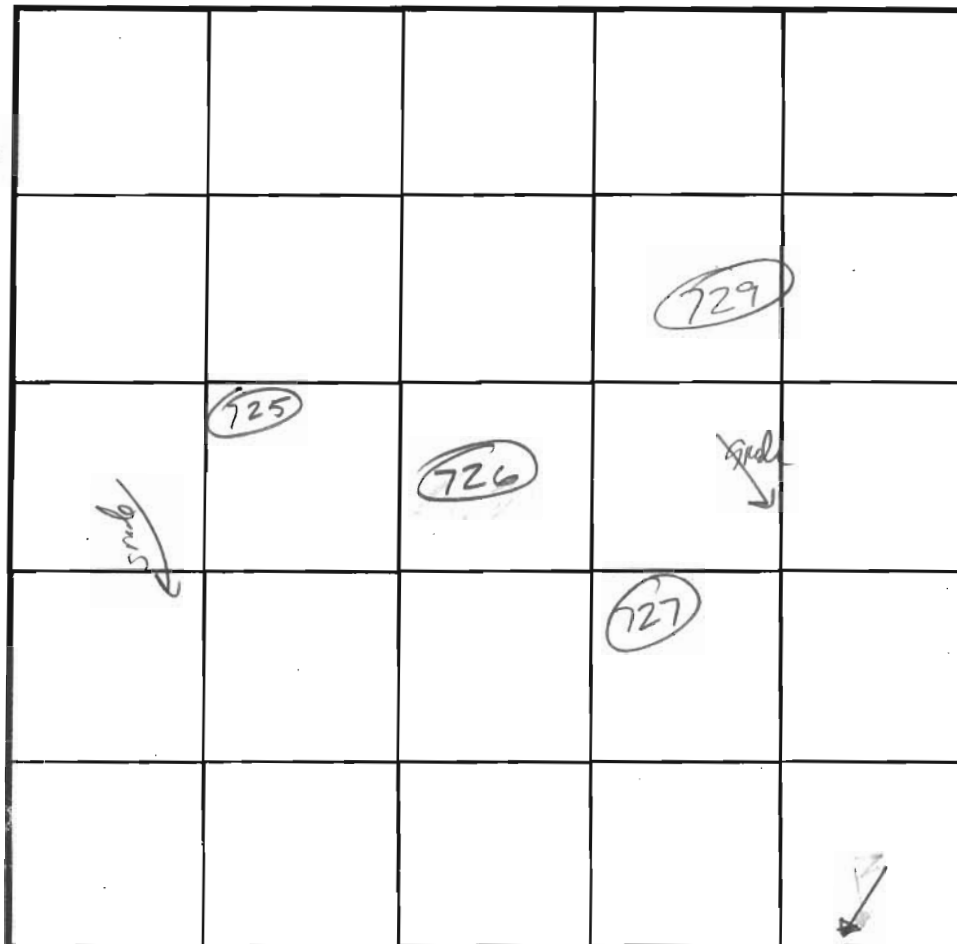
2 Orange
 brown
 micaceous
 L
 fine
 orange
 brown
 micaceous
 SL
 w/15-20%
 coarse
 cherty
 Qtz &
 frags

726

4 Orange
 brown
 SCL
 w/15-20%
 stony frags
 on SSE
 end of
 hole
 13 Orange
 brown
 micaceous
 SL
 w/10-15%
 coarse
 frags

SOIL PROFILE

0' 727
 2 Orange
 brown
 SCL
 2 Heavy
 orange
 brown
 micaceous
 L
 3 1/2 fine
 micaceous
 yellow
 brown
 SL
 w/15-20%
 coarse Qtz
 frags
 14



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/29/03	729	60' / 14'	10:05:15	10:08:00	10:08:00	10:12	4 min ok
7/10/03	725	4 1/2' / 14	12:24	12:25	12:25	12:27	2 ok
7/10/03	726	4 1/2' / 13	12:39	12:41	12:41	12:43	2 ok
7/10/03	727	4 / 14	12:52	12:56	12:56	1:04	10 ok

REMARKS _____

TYPE OF SOIL _____

TESTED BY J. Boris ALSO PRESENT B. GuyTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3INLET DEPTH _____ MAXIMUM BOTTOM DEPTH 6 SQ. FT/BEDROOM _____

COUNTY #

SOIL PROFILE

0' 722

Brown
SILOrange
brown
micaceous
Lfine
orange
brown
micaceous
SL

721

orange brown
micaceous
SCLOrange
brown
micaceous
LOrange
brown
micaceous
SL
w/5-10%
coarse
chert frags

720

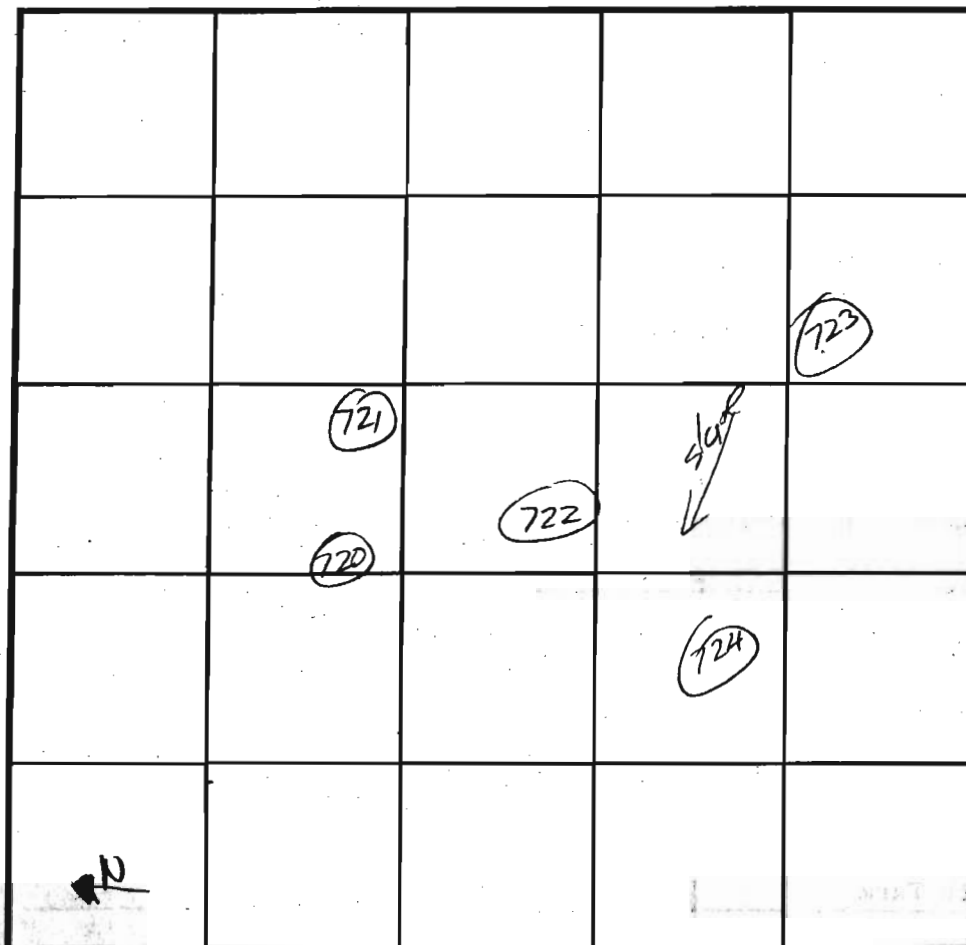
orange
red
SCLOrange
brown
micaceous
Lfine
micaceous
SL
w/5-10%
coarse
frags

SOIL PROFILE

0' 724

red brown
SCLorange
brown
gravelly
SLred brown
micaceous
gravelly
SL
w/25-30%
chert frags
C7'

723

Brown
gravelly
SCLOrange
brown LOrange
brown
gravelly
SL

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/29/03	722	6/13	9:06	9:11	9:11	9:22	10 dk
	721	6/13	9:07	9:10	9:10	9:13	3 dk
	720	5/13	9:10	9:14	9:14	9:18	4 dk
7/10/03	724	5 1/2/12	1:12	1:14	1:14	1:17	3 dk
	723	5 1/2/13	1:16	1:19	1:19	1:21	2 o

REMARKS

TYPE OF SOIL

TESTED BY

J. Bor

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

3

INLET DEPTH

4

MAXIMUM BOTTOM DEPTH

6

SQ. FT/BEDROOM

COUNTY #

SOIL PROFILE

732

Brown SL

Orange

brown SCL

Orange brown

L

Orange

brown

micaceous

SL

w/ 5-10%

Coarse

Qtz frags

731

brown

orange brown

SCL

Orange brown

micaceous

L

fine

micaceous

orange

brown

SL

730

Brown

Orange brown

micaceous

L

Brown

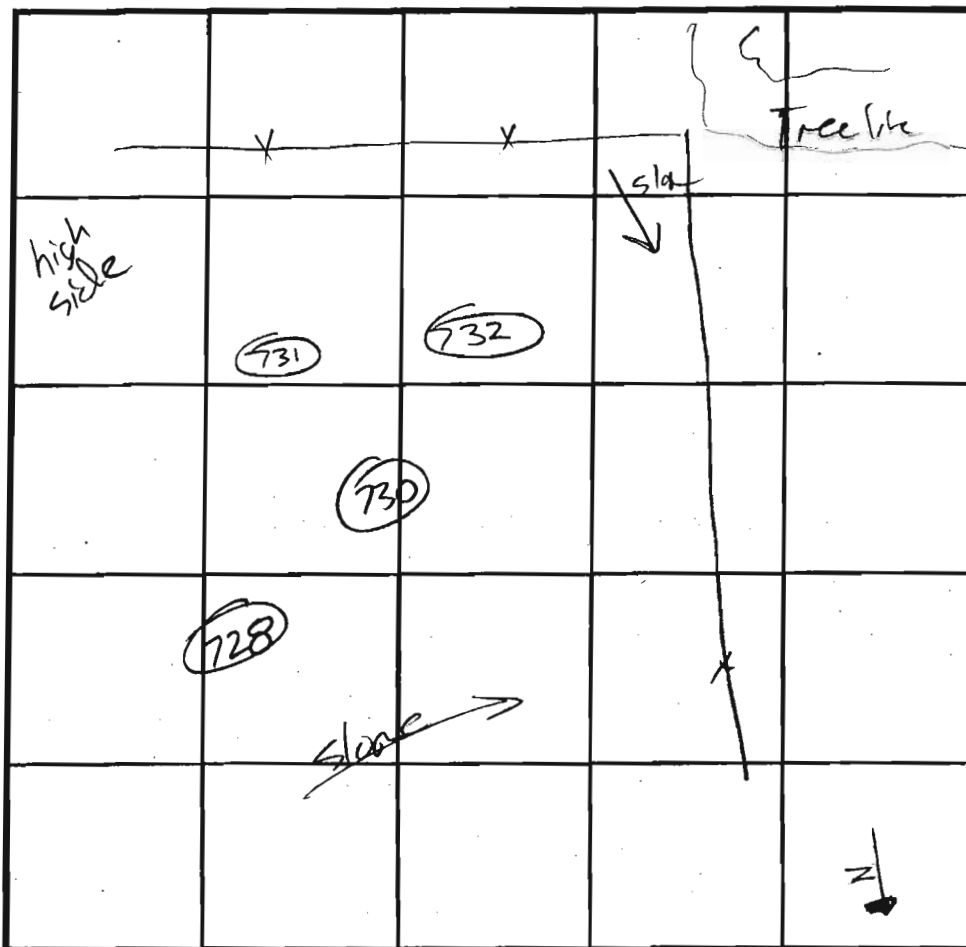
micaceous

SL

w/ < 5%

Coarse

frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

728

Orange

brown

SCL

Brown

micaceous

L

fine

micaceous

Orange

brown

SL

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/29/03	732	5 1/2 / 13	9:40:45	9:45:45	9:45:45	9:54:00	9 ok
7/10/03	731	5 / 14	11:55	12:02	12:02	12:09	7 ok
7/10/03	730	14 ✓	O.K. @	3'			27 ok
7/10/03	728	4 1/2 / 14	12:16	12:17	12:17	12:20	3 ok

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

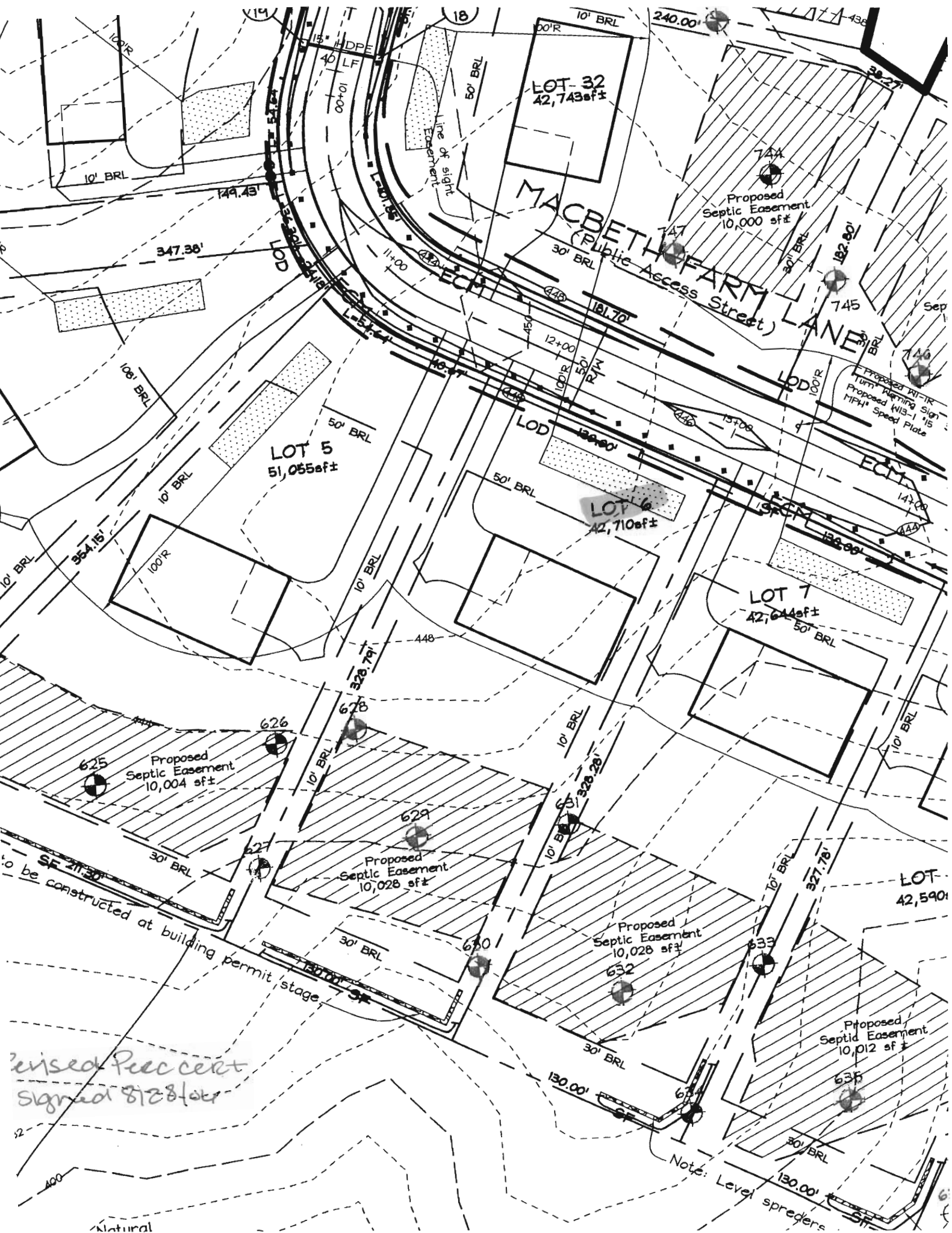
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



PETER H. & SUSANNE
STOLOFF
PARCEL 323
L. 2378, F. 586

S 22°43'14" E

$$\text{MgCl}_2$$

ChB2

NON-BUILDABLE PRESERVATION
PARCEL "B"

GnB2

LOT 12
42,965 SFA

LOT-13

LOT 14
40,300

LOT 15
40,300

LOT 16
46,728

LOT 7
40,100 sq.

LOT 6
40,340

LOT 5
45,970

LOT 381 5A

LOT 4
461016

160.00'

724

160.00'

90' PART 1

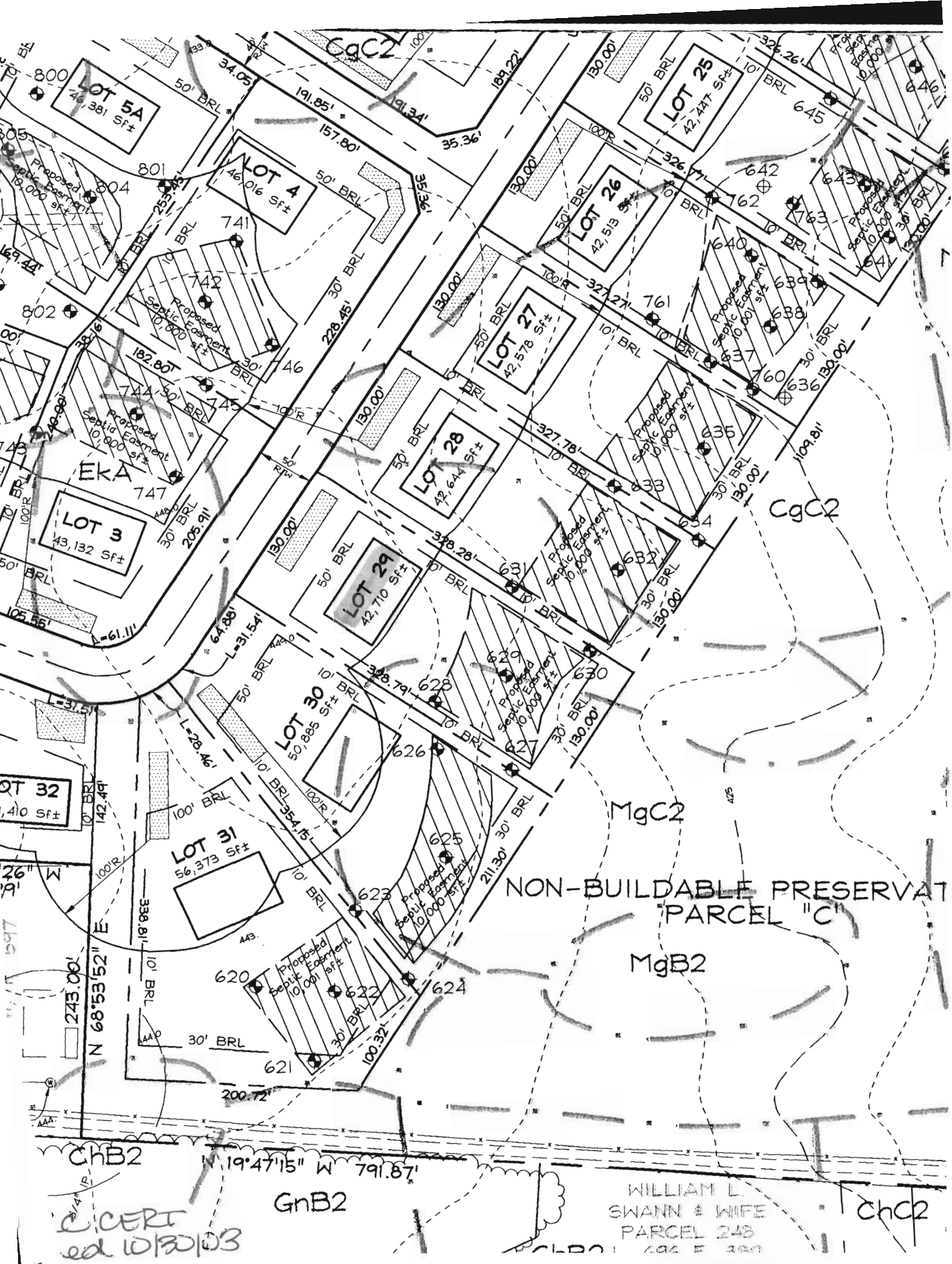
68' F. 582'

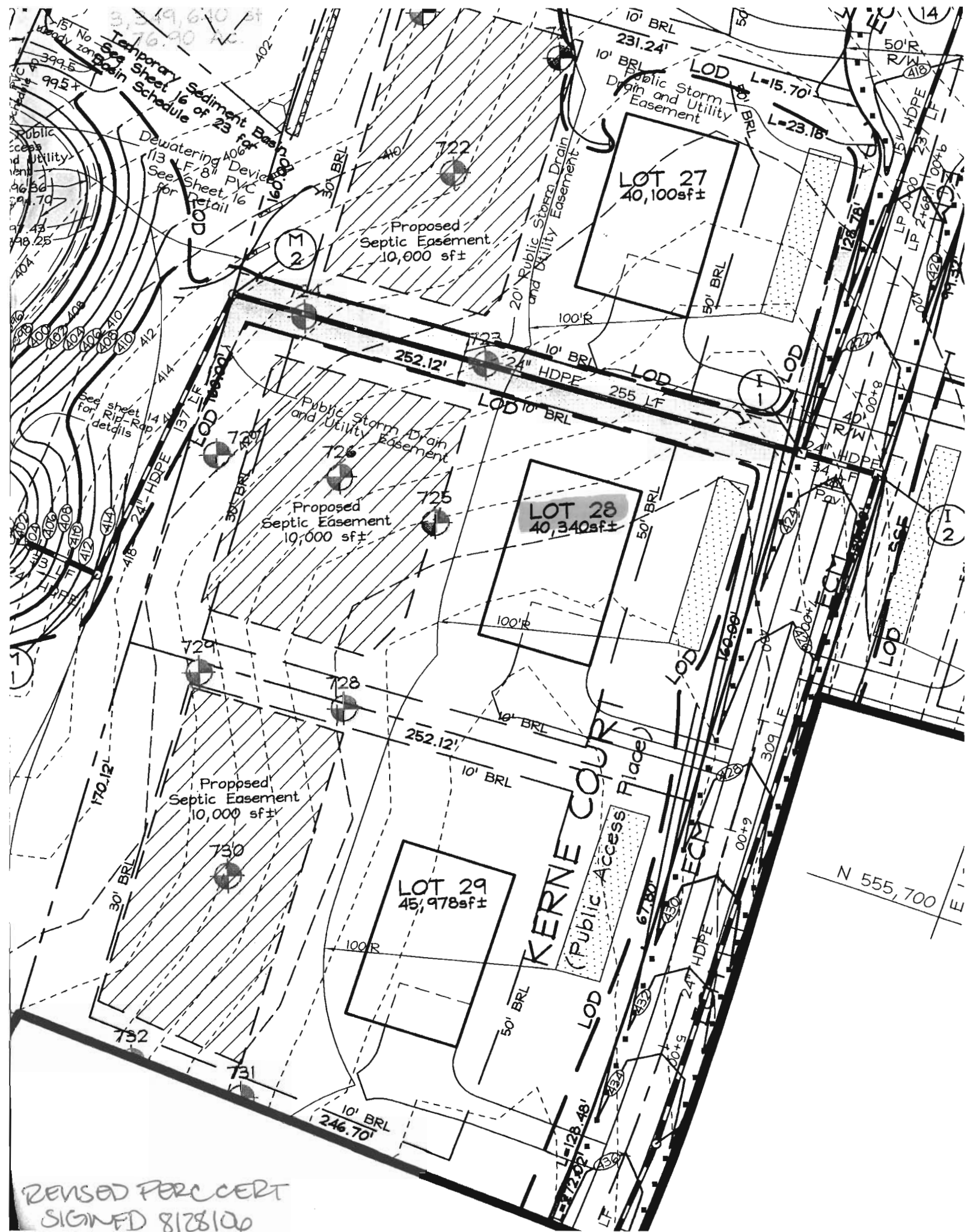
181' F. 261'

3,949,640 sq. ft.

76.90 acres

$$\text{MgC}_2$$





RENSO PERC CERT
SIGNED 8/28/00