

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:

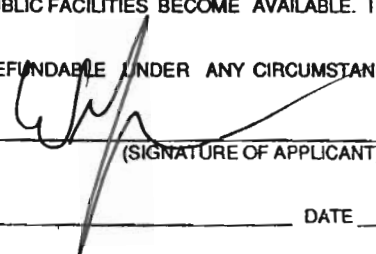
SUBDIVISION MacBeth Farm LOT NO. 29

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 _____

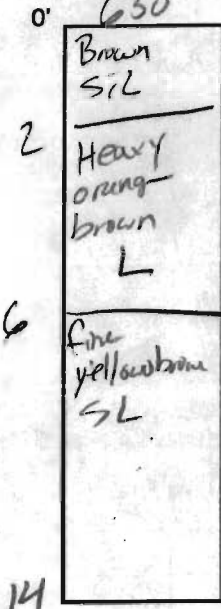
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

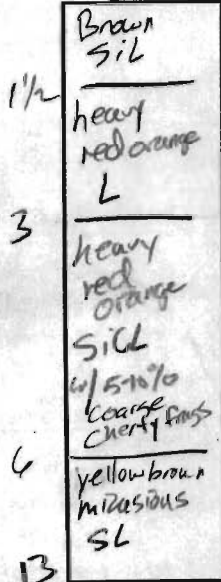
THIS IS NOT A PERMIT

COUNTY #

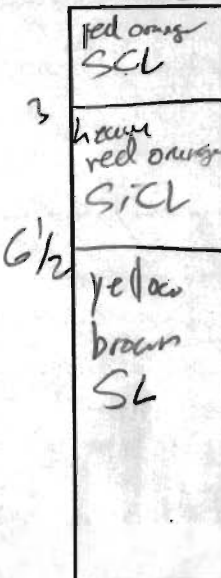
SOIL PROFILE



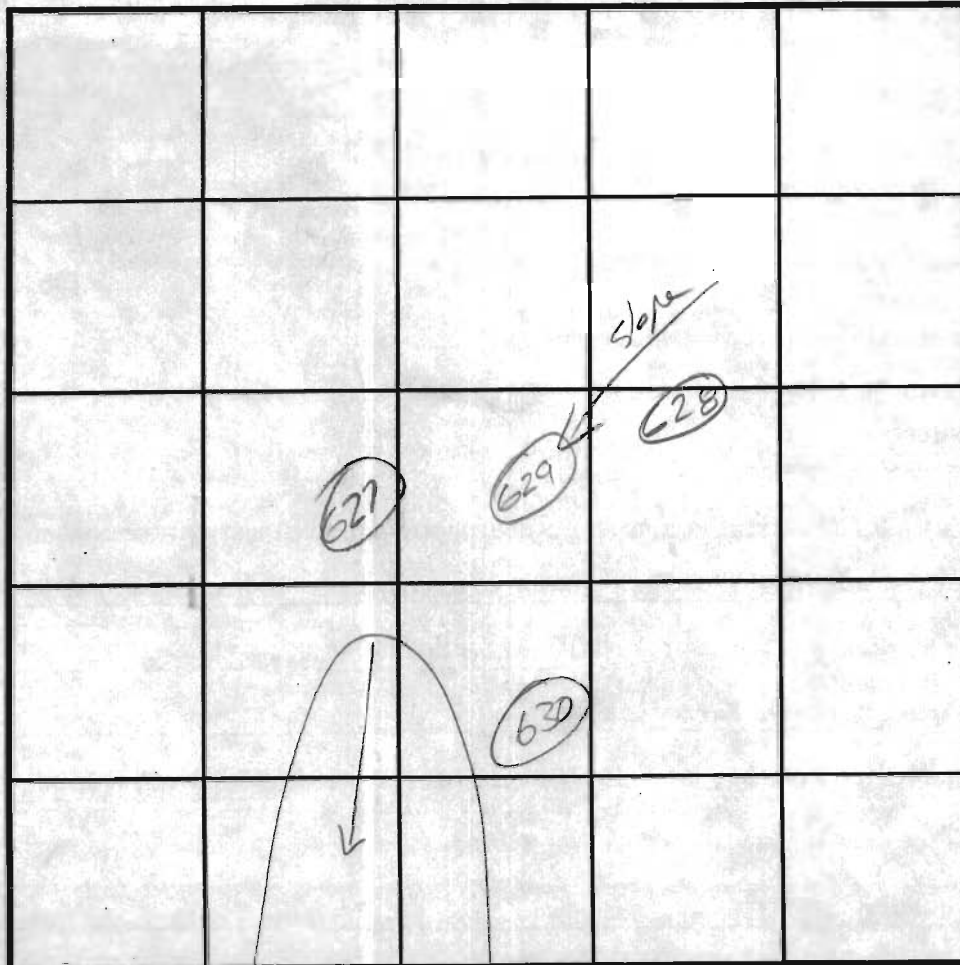
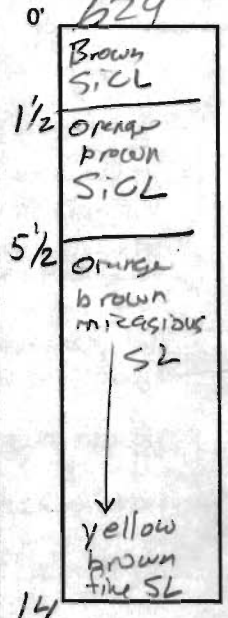
627



628



SOIL PROFILE



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	630	6 1/2 / 14	1:44:45	1:46:45	1:46:45	1:50:45	4
4/29/03	627	2 / 13	1:55:00	1:58:45	1:58:45	2:04:45	6 ok
7/11/03	628	7 / 14	8:22	8:23	8:23	8:26	3 ok
	629	14 V	o.k @ 6				2-7 ok

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

COUNTY #

SOIL PROFILE

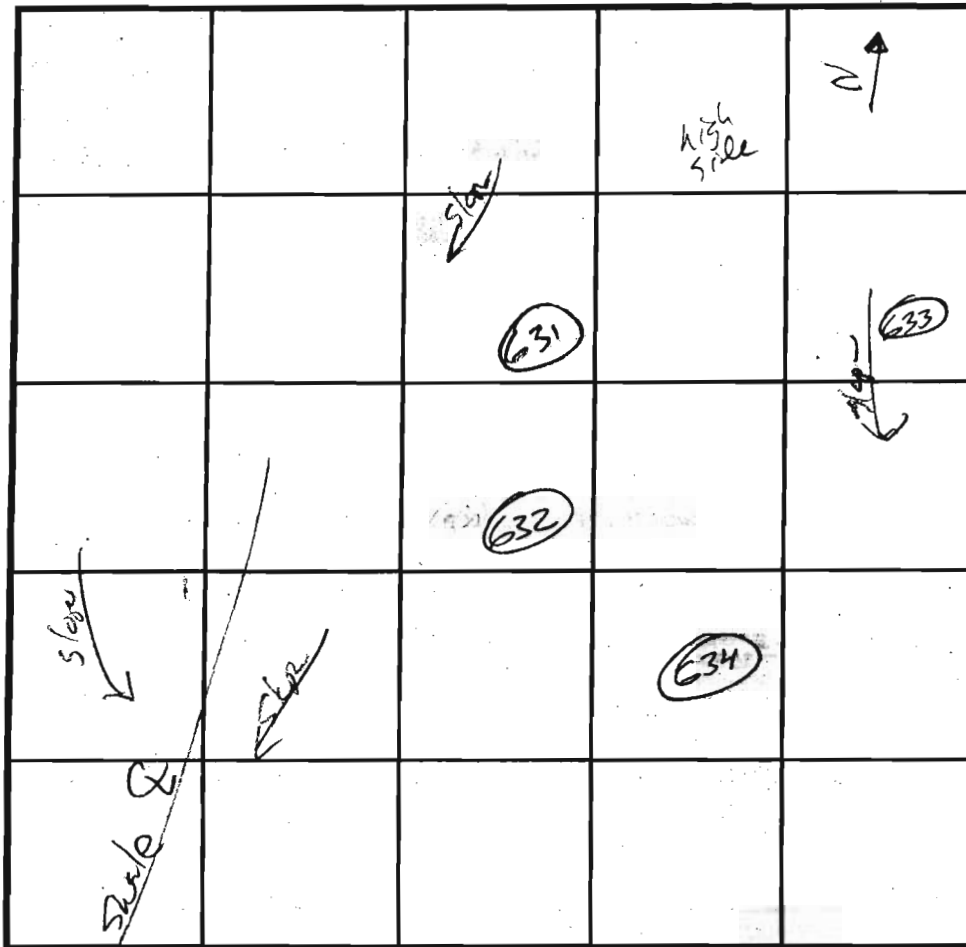
0' **631**
 Brown micaceous SiCL
 2 heavy orange brown micaceous SiCL
 6 1/2 yellow brown cw SL w/ < 5% loose frags micaceous

632

2 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

634

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



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

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

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	12U	ok	5 1/2			8:15	ok
7/11/03	634	5 1/2 13	9:01	9:03	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 2. Gal. H. K. H. H. H.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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:

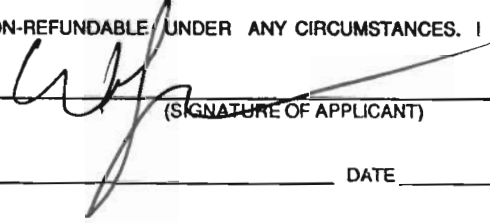
SUBDIVISION MacBeth Farm LOT NO. 6

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

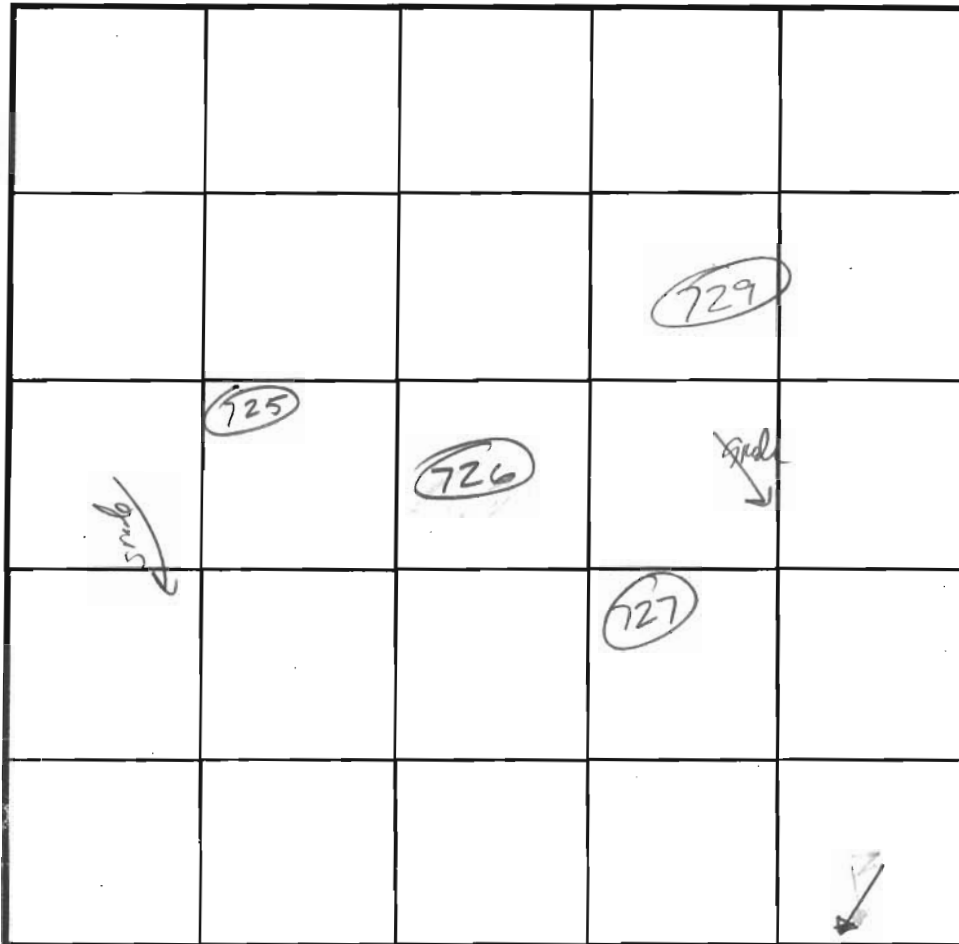
COUNTY #

SOIL PROFILE

0' 727
 5" Dark Brown Topsoil
 1' Brown Topsoil
 1' Lt Brown Silty loam
 9' Lt Brown Loamy Sand
 4' L 590 Gneiss
 Serpentine
 725

SOIL PROFILE

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2
 Orange brown micaceous L
 fine orange brown micaceous SL w/15-10% coarse cherty Qtz frags
 14

726
 Orange brown SCL w/15-20% stony frags on SSE end of hole
 4
 Orange brown micaceous SL w/10-15% coarse frags
 13

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
7/10/02	727	4" / 14"	12:52	12:56	12:56	1:04	10 ok

REMARKS _____

TYPE OF SOIL _____

TESTED BY J. Boris ALSO PRESENT B. Guy / H. H. H.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

0' 722
Brown SIL

1' Orange brown micaceous L

7' fine orange brown micaceous SL

13'

721
orange brown micaceous SCL

2' orange brown micaceous L

4' orange brown micaceous SL w/5-10% coarse chert frags

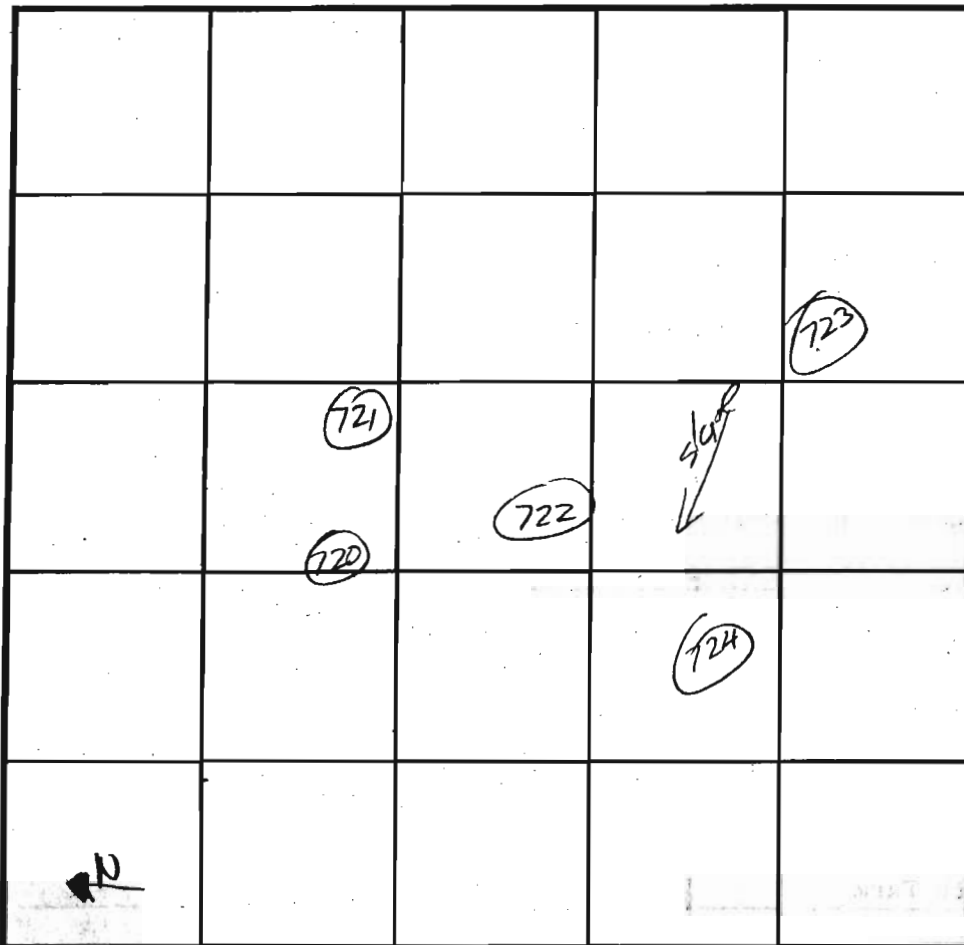
13'

720
orange red SCL

1' greenish brown micaceous L

3' fine micaceous SL w/5-10% coarse frags

13'



SOIL PROFILE

0' 724
red brown SCL

2' orange brown gravelly SCL

4' red brown micaceous gravelly SL w/25-30% chert frags CT'

12' 723
Brown gravelly SCL

2' orange brown L

3 1/2' orange brown gravelly SL

13'

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 ok
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

0' Brown SL
1' orange brown SCL
2 1/2' orange brown L
4' Orange brown micaceous SL
w/ 5-10% coarse Qtz frags

731

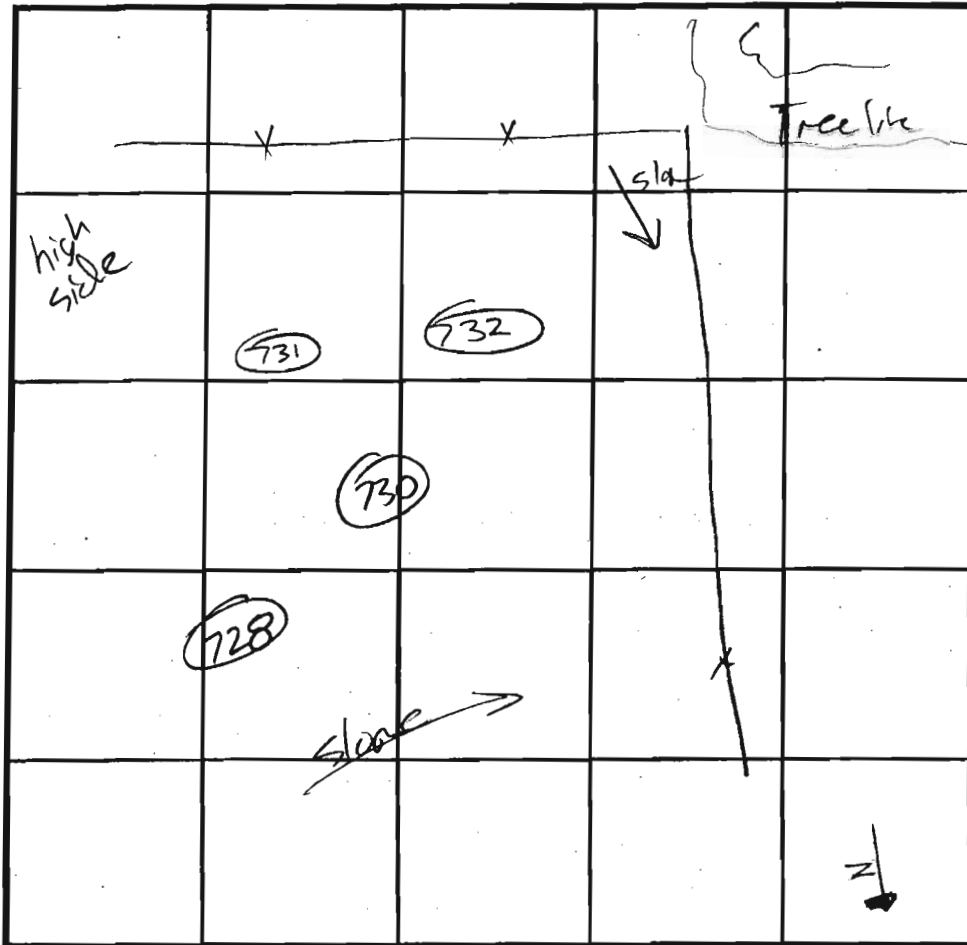
2 1/2' brown orange brown SCL
4' orange brown micaceous L
fine micaceous orange brown SL

730

2 1/2' Brown orange brown micaceous L
Brown micaceous SL
w/ <5% coarse frags

SOIL PROFILE

0' 728
3' orange brown SCL
4' Brown micaceous L
fine micaceous orange brown SL



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	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.e 3'				27	ok
7/10/03	728	4 1/2 / 14	12:16	12:17	12:17	12:20	3	ok

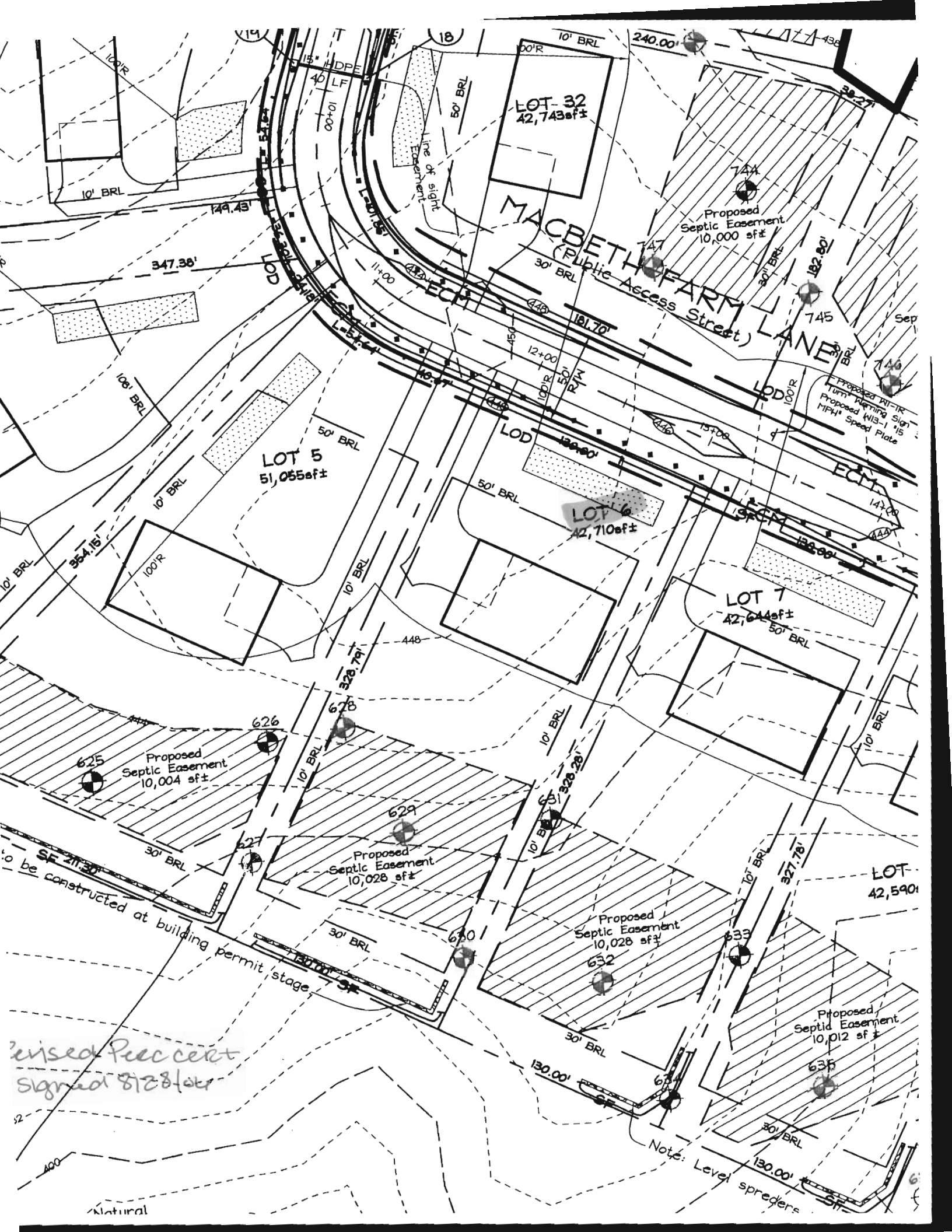
REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



MACBETH FARM LANE
(Public Access Street)

LOT 5
51,055sf±

LOT 6
42,710sf±

LOT 7
42,644sf±

LOT 32
42,743sf±

Proposed Septic Easement
10,004 sf±

Proposed Septic Easement
10,028 sf±

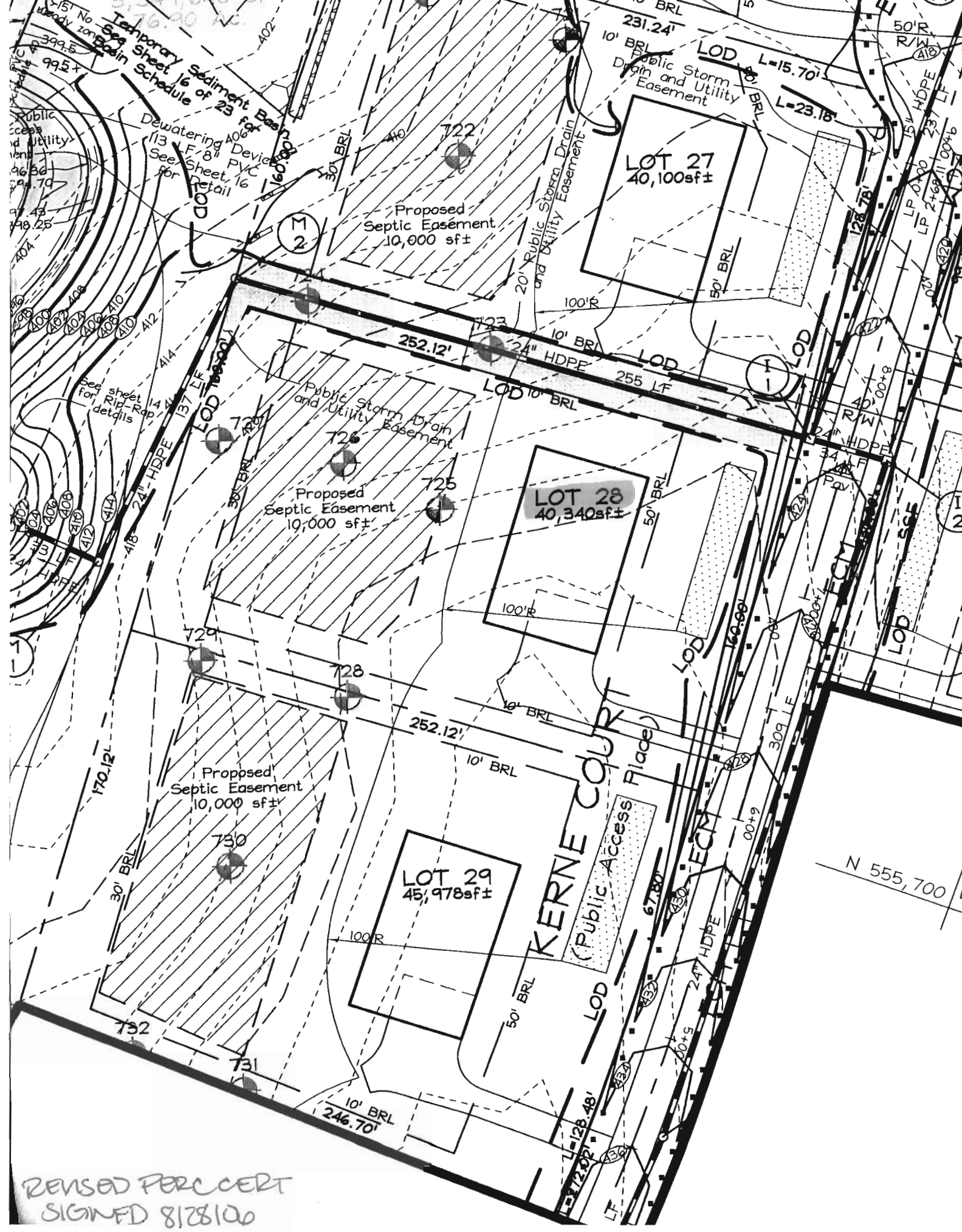
Proposed Septic Easement
10,028 sf±

Proposed Septic Easement
10,012 sf±

*Revised Perceps
signed 8/28/04*

Note: Level spreaders

Natural



REISED PERC CERT
 SIGNED 8/28/00