

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:

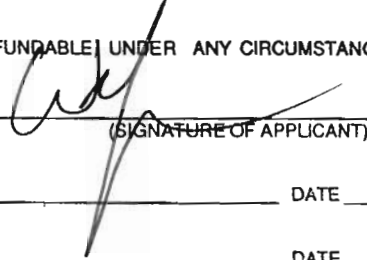
SUBDIVISION MacBeth Farm LOT NO. 27

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

635

Brown
SCL

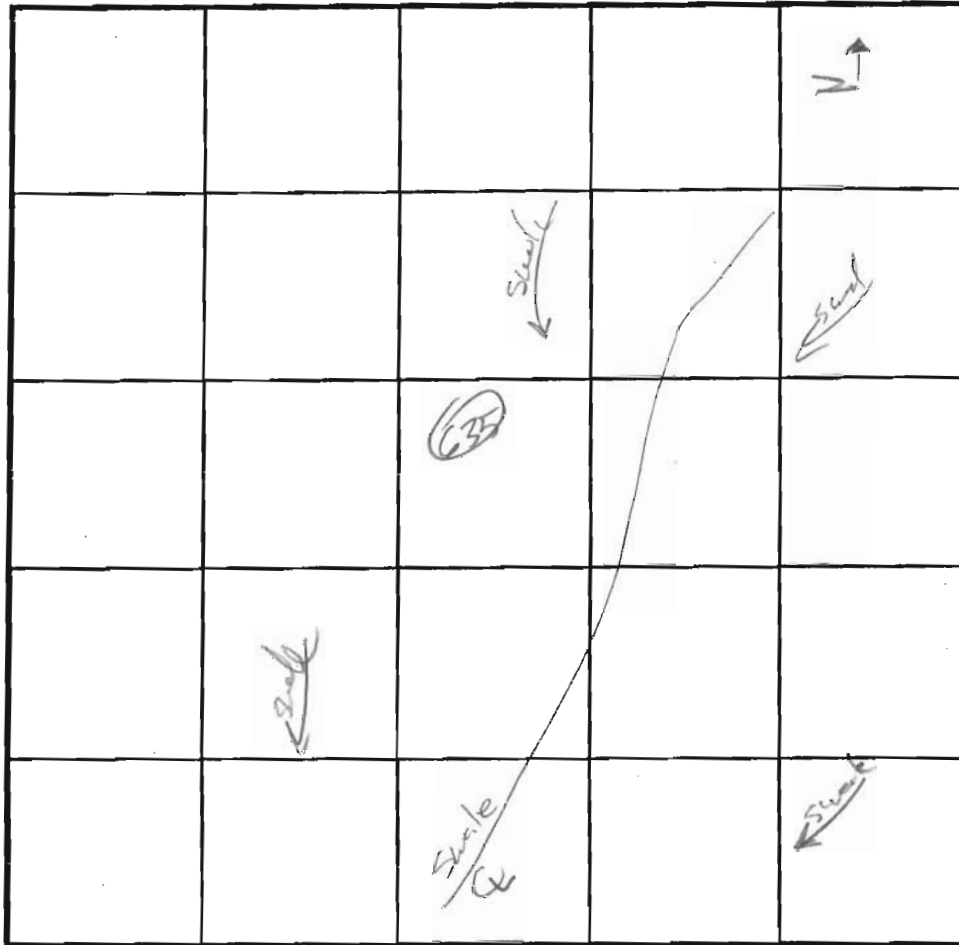
2

orange
brown
micaceous
L

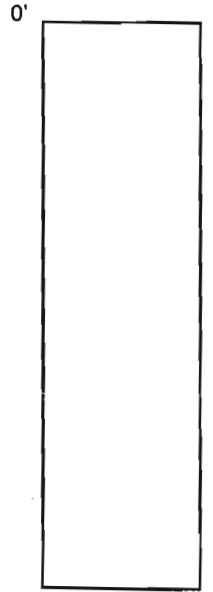
5'

yellow
brown
micaceous
fine
SL

14



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/11/03	635	14 V	0	5			2-7

REMARKS See notes for Lot 26 + Lot 28 for additional holes

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

686, 37, 38, 39, 40

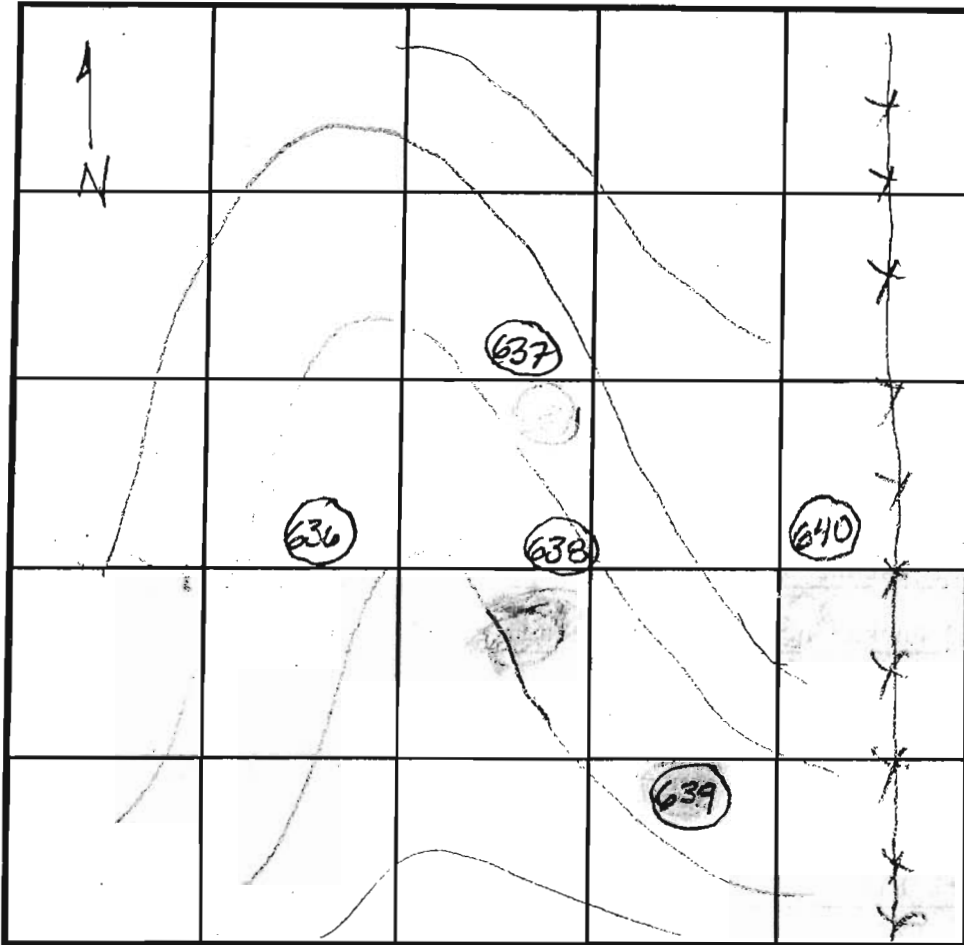
COUNTY #

SOIL PROFILE

0' **640**
 DE BROWN TOPSOIL 8"
 Brown Loam 2'
 Red Ss Clay Loam 6 1/2'
 Tan Loamy Ss 5-10% Quartz Saprophyte 13'

639
 DE BROWN TOPSOIL 9"
 Brown Loam 2'
 Red Ss Clay Loam 6 1/2'
 Lt Brown Siloam 10'
 Tan Loamy Ss 5-10% Quartz Saprophyte 14'

638
 DE BROWN TOPSOIL 9"
 Brown Loam 1'
 Brown/Clay Loam 3 1/2'
 Brown/Red Brown Siloam 14'
 Tan Loamy Ss 5-10% Quartz Saprophyte 12'



SOIL PROFILE

0' **637**
 DE BROWN TOPSOIL 7"
 Brown Loam 1 1/2'
 Red Ss Clay Loam 4 1/2'
 Brown Siloam 14'
 Tan Loamy Ss 2-5% Quartz Saprophyte 14'
636
 DE BROWN TOPSOIL 4"
 Brown Loam 8"
 Red Ss Clay Loam 7'
 Or/Brown Gravelly Loamy Sand 12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/30/03	640	6 1/2'	12:42	TEST STOPPED @ 12:55 2 1/4" IN 13 MIN			
		7' / 13'	12:56	12:59	12:59	1:02	3 min
	639	7' / 14'	12:58	1:09	1:09	1:23	14 min
	638	7'	1:06	1:07	1:07	1:08	1 min
		5 1/2' / 13'	1:14	1:19	1:19	1:24	5 min
	637	5 1/2' / 14'	1:32	1:37	1:37	1:43	6 min
	636	6 1/2' / 12'	1:41	TEST STOPPED @ 1:55 2 1/4" IN 14 MIN			
		7' / 12'	2:03	TEST STOPPED @ 2:15 2 1/4" IN 12 MIN			

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

COUNTY #

SOIL PROFILE

0' 760
orange brown micaceous SCL

2' red brown micaceous L

4' fine micaceous yellow brown SL
w/ < 5% coarse frags

13 1/2' water

761
red orange SCL

2' orange brown micaceous SiCL

7' fine micaceous orange brown micaceous SL

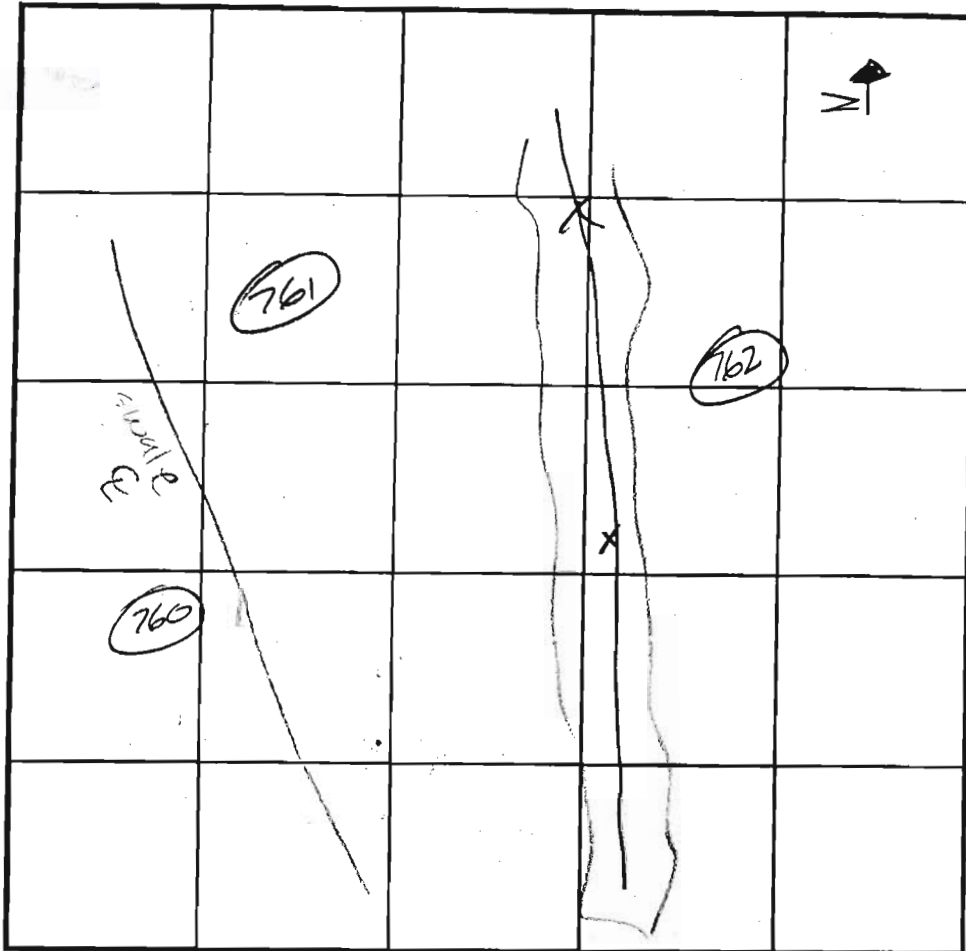
13 1/2'

762
red orange micaceous SCL

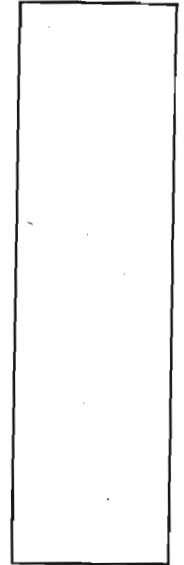
2 1/2' heavy red orange micaceous L

5' fine orange yellow brown fine micaceous SL

13



SOIL PROFILE



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	760	4 1/2 / 14	9:36	9:38	9:38	9:42	4	OK
7/11/03	761	7 1/2 / 13 1/2	10:01	10:03	10:03	10:07	4	OK
7/11/03	762	5 1/2 / 13	10:27	10:31	10:31	10:35	4	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 _____

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

632

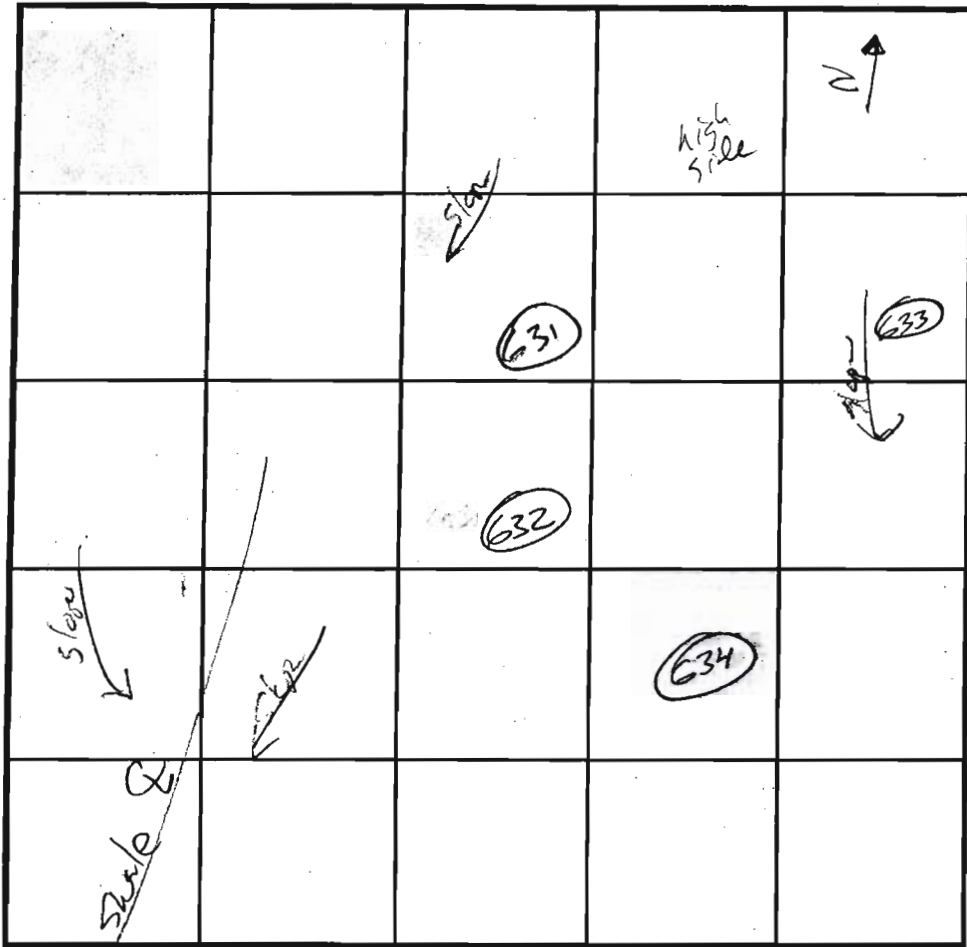
red orange micaceous SiCL
 2 red orange SCL
 3 1/2 red orange cw L
 5 1/2 yellow brown fine micaceous SL w/ 10-15% gray Qtz frags

634

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

SOIL PROFILE

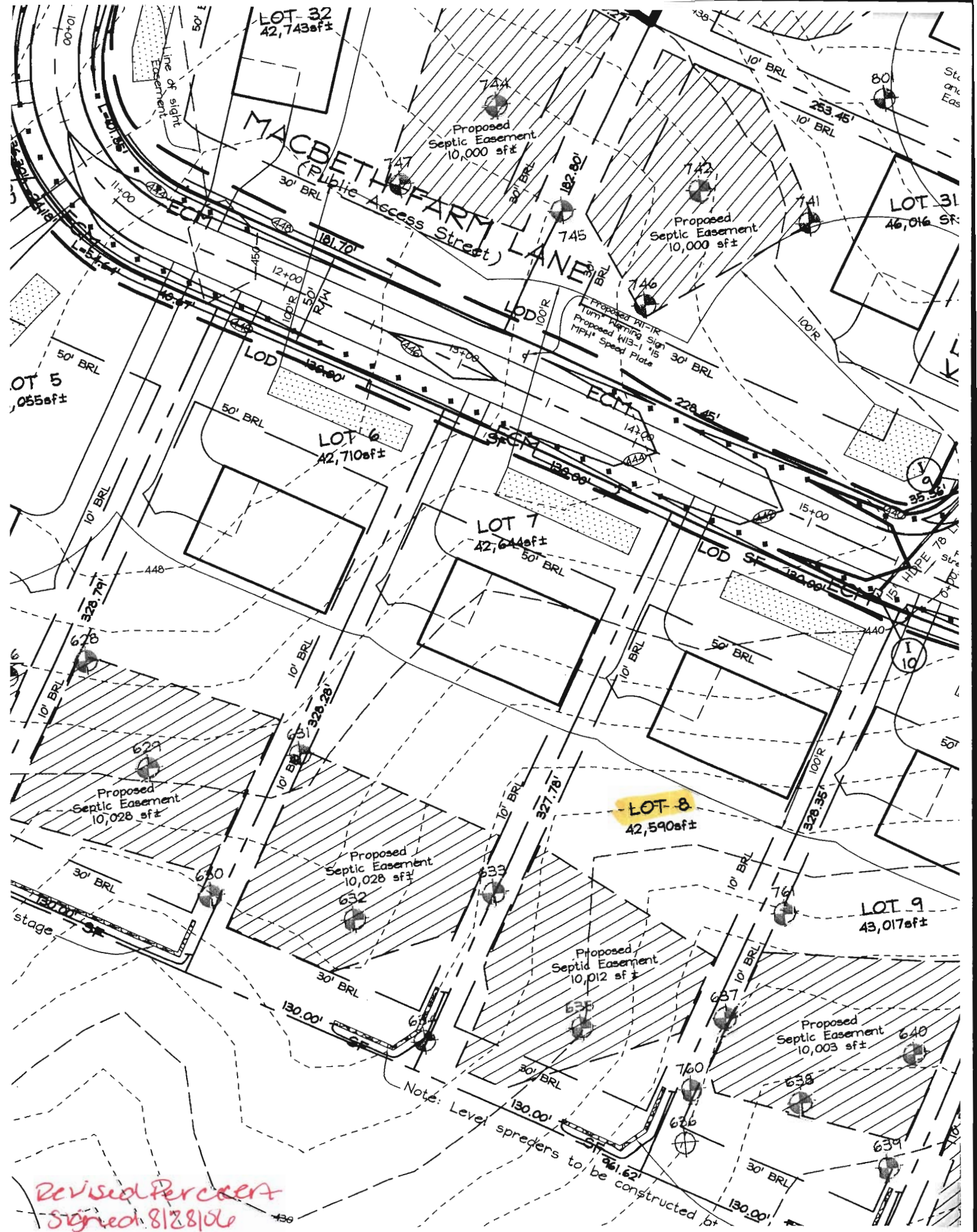
0' **633**
 Orange brown micaceous SCL
 1 1/2 orange brown micaceous SCL w/ 15-20% coarse Qtz frags
 4 yellow brown SCL/SL w/ 10-15% coarse Qtz frags



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 Hatched
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



Revised Perceant
Signed 8/28/06

Note: Level spreaders to be constructed for

