

# 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:

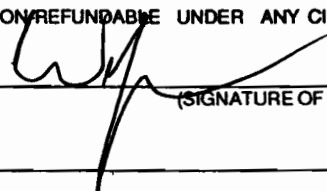
SUBDIVISION MacBeth Farm LOT NO. 14

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 NONREFUNDABLE 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

1:37  
1:38

COUNTY #

SOIL PROFILE

0' 693  
Brown SIL  
1 orange brown SCL  
2 orange brown micaceous L w/ pockets of white SIL  
7 water

691

2 Brown SIL  
orange brown micaceous L

3

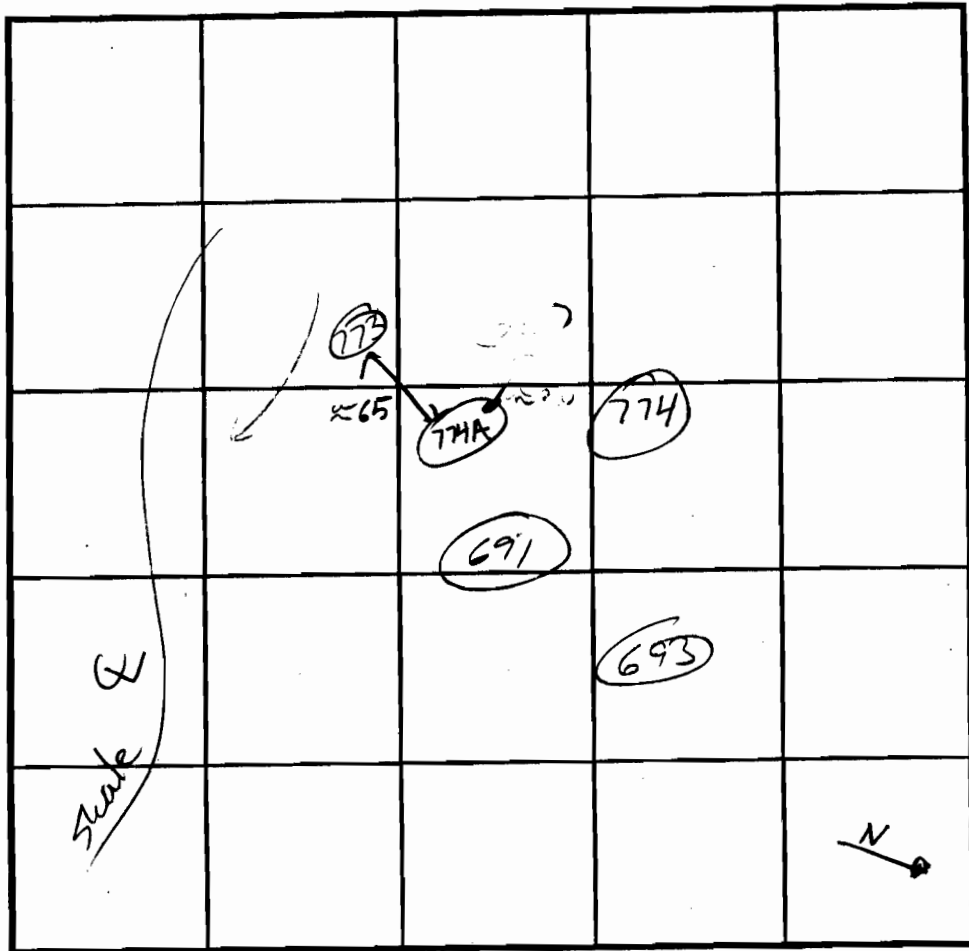
orange brown micaceous SL  
w/ < 5% coarse cherty frags  
water

8 1/2

773

3 orange brown micaceous SCL  
orange brown micaceous L  
4 orange brown micaceous SL

w/ 25-30% coarse cherty frags @ 10-13



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 774  
orange brown micaceous SCL  
1 orange brown micaceous L  
2 yellow brown micaceous SL w/ 10-15% coarse cherty frags  
3 1/2 fine yellow brown LS w/ 10-15% coarse cherty  
10 water

774

3 1/2 orange brown micaceous L  
yellow brown micaceous LS/SL  
10 water

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/29/03	693	10V					8-15 ok
	691	4 / 12	1:36	1:42	1:42	1:48	6 ok
7/30/03	773	4 / 13	8:52	9:14	9:14	slow P-Suck	F
		5 1/2 / 13	9:21	9:37	9:37	9:47	10 ok
7/30/03	774A	5 / 12	9:08	9:10	9:10	9:13	3 ok
7/31/03	774	12V					2-7 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

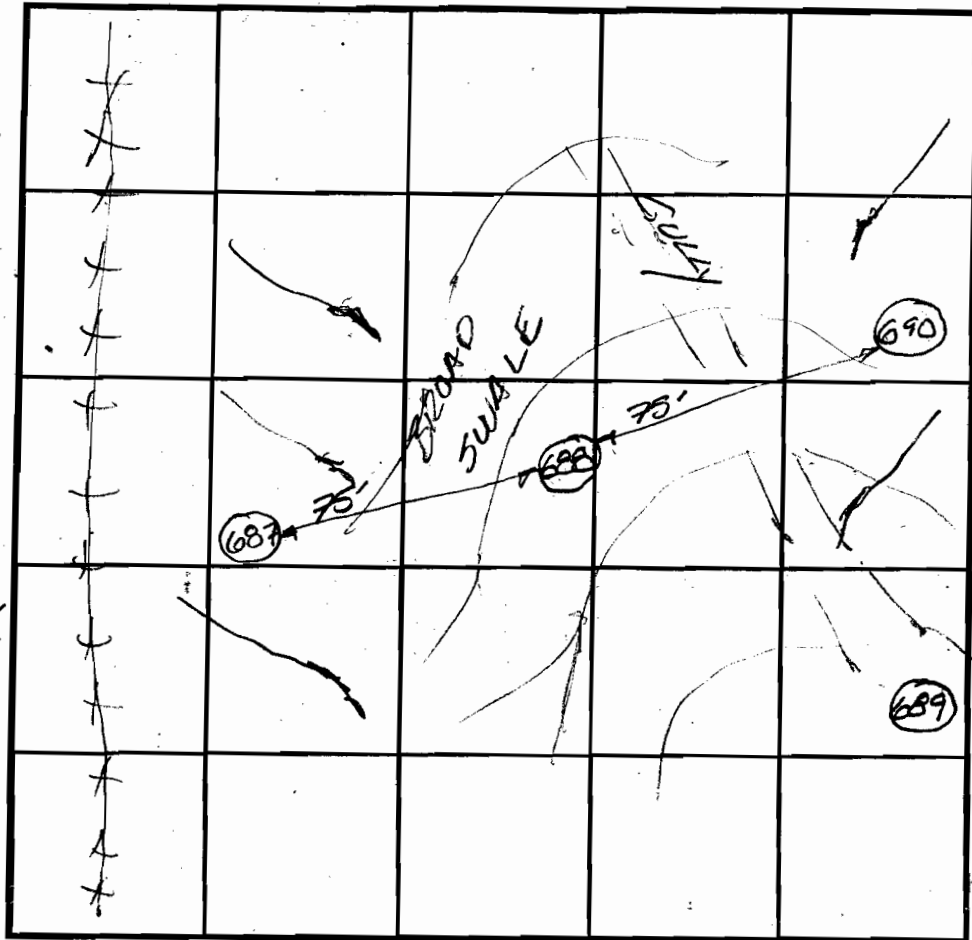
0' **690**  
 DK BROWN TOPSOIL 4"  
 BROWN LOAM 1"  
 Red So Clay Loam 3'  
 Lt Brown Sil Loam 8'  
 Lt Brown Sil Loam 15'  
 Cherty Gneiss 12"  
 WATER 13'

(NOT FIELD LOCATED)

**688**  
 DK BROWN TOPSOIL 6"  
 Brown Loam 1 1/2'  
 Lt Brown Sil Loam 7'  
 Lt Brown Loamy Sand 5'  
 Lt Brown Sil Loam 13'

(NOT FIELD LOCATED)

**689**  
 DK BROWN TOPSOIL 5"  
 Brown Loam 1'  
 Lt Brown Clay Loam 4' ruffling 2 1/2'  
 Lt Brown Sil Loam 6'  
 WATER 6'  
 CAVE 6'  
 Lt Brown Sil Loam 1 1/2'  
 Cherty Gneiss 1 1/2'  
 WATER



SOIL PROFILE

0' **772**  
 10' Water

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	690	4' / 12 1/2'	10 55	11 04	11 04	11 17	13min	
4/29/03	688	4' / 13'	11 43	11 48	11 48	11 58	10min	
4/29/03	689	NOT TESTED; HIGH WATER TABLE @ 6' (F)					F	
7/11/03	772	3 1/2' / 12'	1:36	1:38	1:38	1:42	4	
		7' / 12'	1:43	1:44	1:44	1:46	2	

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' 776  
 orange brown  
 L

---

2 yellow brown  
 LS  
 w/ < 5% coarse  
 frags

---

13

775

2 orange brown  
 silty  
 micaceous  
 L

---

3 yellow brown  
 micaceous  
 SL

---

9

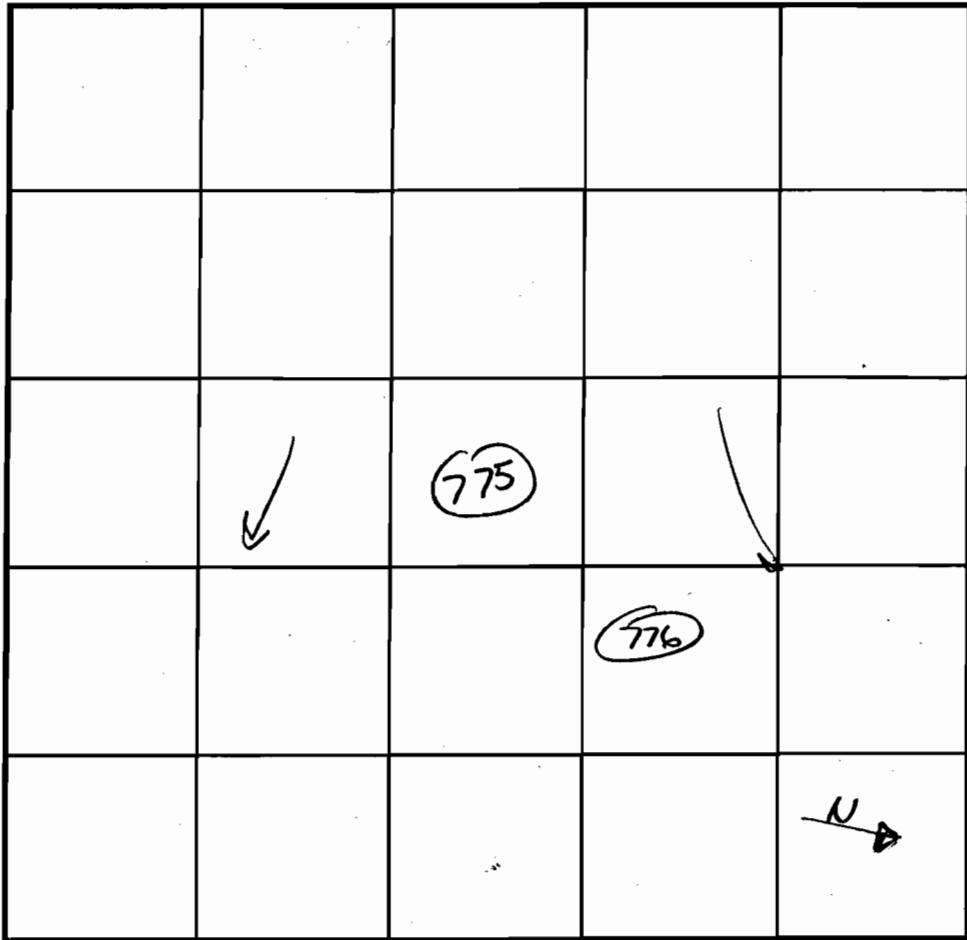
yellow brown  
 micaceous  
 SL w/ 10-15% coarse  
 clay  
 frags

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11 1/2

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/30/0	776	<del>3 1/2</del> 13	10:00:23	10:03:23	10:03:23	10:09:23	6	ok
	775	<del>4</del> 11 1/2	10:14	10:19	10:19	10:30	11	ok
	775	<del>6 1/2</del> 11 1/2	10:15:30	10:18	10:18	10:23	5	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 \_\_\_\_\_

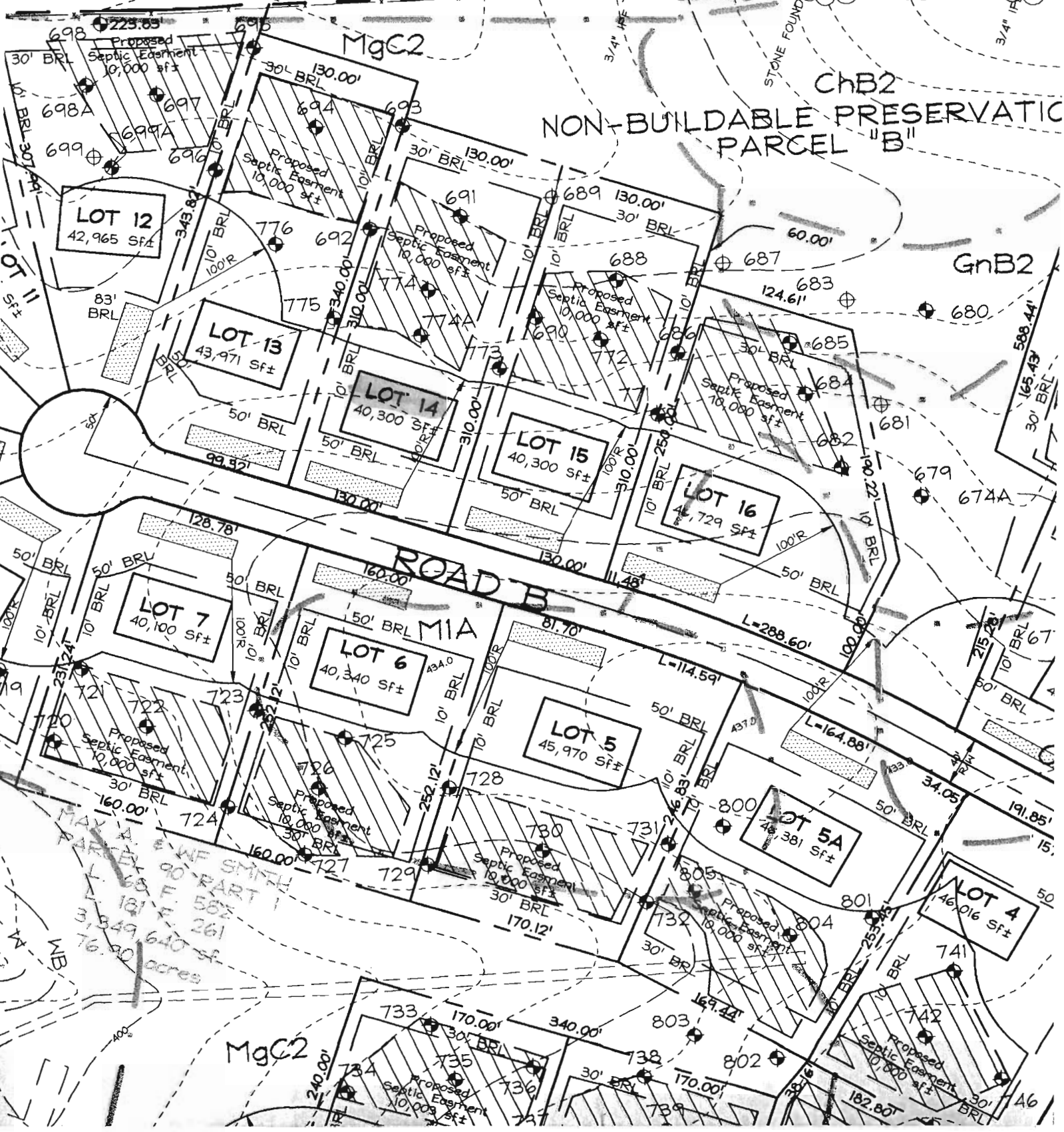
REC CERT  
signed 10/30/03

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

S 22°43'14" E

238

NON-BUILDABLE PRESERVATIC  
PARCEL "B"



MAY A & W F SMITH  
PARCEL 323 PART 1  
L. 68 F. 582  
3,349.640 Sft±  
76.90 acres

MgC2

46

