

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. 33

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

616, 615, 617, 610, 611, 612, 613

COUNTY #

SOIL PROFILE

0' 610
 Brown SiL
 orange brown SCL
 4' orange brown L
 5' orange brown micaceous SL
 13'

SOIL PROFILE

0' 611
 Brown SCL
 2' Brown micaceous SiCL
 4 1/2' Brown micaceous SiCL w/ 3 Fe nodules
 9 1/2' water



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

616
 DE BROWN TOP SOIL 4"
 DK BROWN LOAM 1"
 Brown Si Clay LOAM
 Lt Brown Si LOAM 4 1/2"
 1/2" layer of nodules
 CAVE IN 7"
 11'
 11 1/2'

615
 DE BROWN TOP SOIL 3"
 BROWN LOAM 1 1/2"
 Brown Si Clay LOAM
 Lt Brown Si LOAM 3'
 Lt Brown LOAMY SAND 5'
 CAVE IN 7'
 WATER 9'
 10'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/29/03	<u>610</u>	6 13	2:36	2:42	2:42	2:50	
5/1/03	616	NOT TESTED; PROVIDE 4" BUFFER FROM WATER TABLE		INADEQUATE - NOT ABLE TO PROVIDE 4" BUFFER FROM WATER TABLE			
5/1/03	615	NOT TESTED; PROVIDE 4" BUFFER FROM WATER TABLE					
7/30/03	611	12V		dense impermeable layer nodules @ 4 1/2'			F

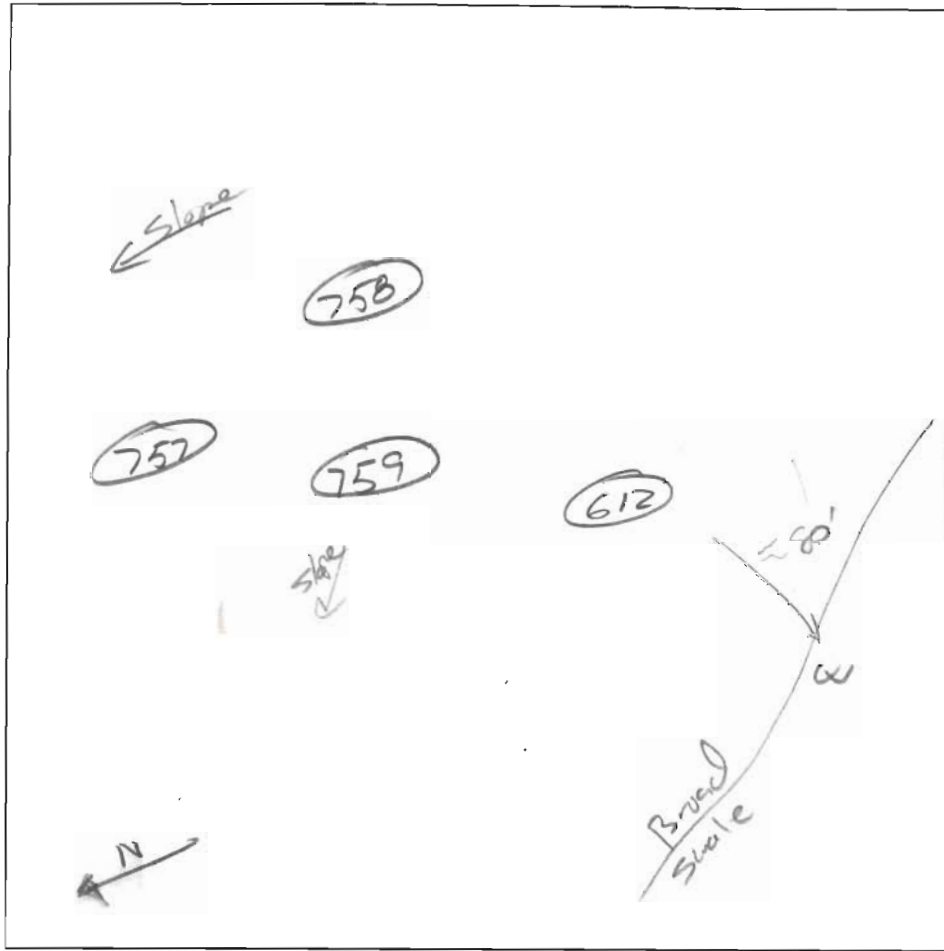
REMARKS _____
 TYPE OF SOIL _____
 TESTED BY _____ ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

A/P

612
yellow brown SCL
3 heavy orange brown micaceous L
4 1/2 orange brown heavy micaceous SL

759
red orange SiCL
4/10-15% coarse clay fross
3 1/2 heavy brown orange micaceous L
5 yellow brown micaceous SL

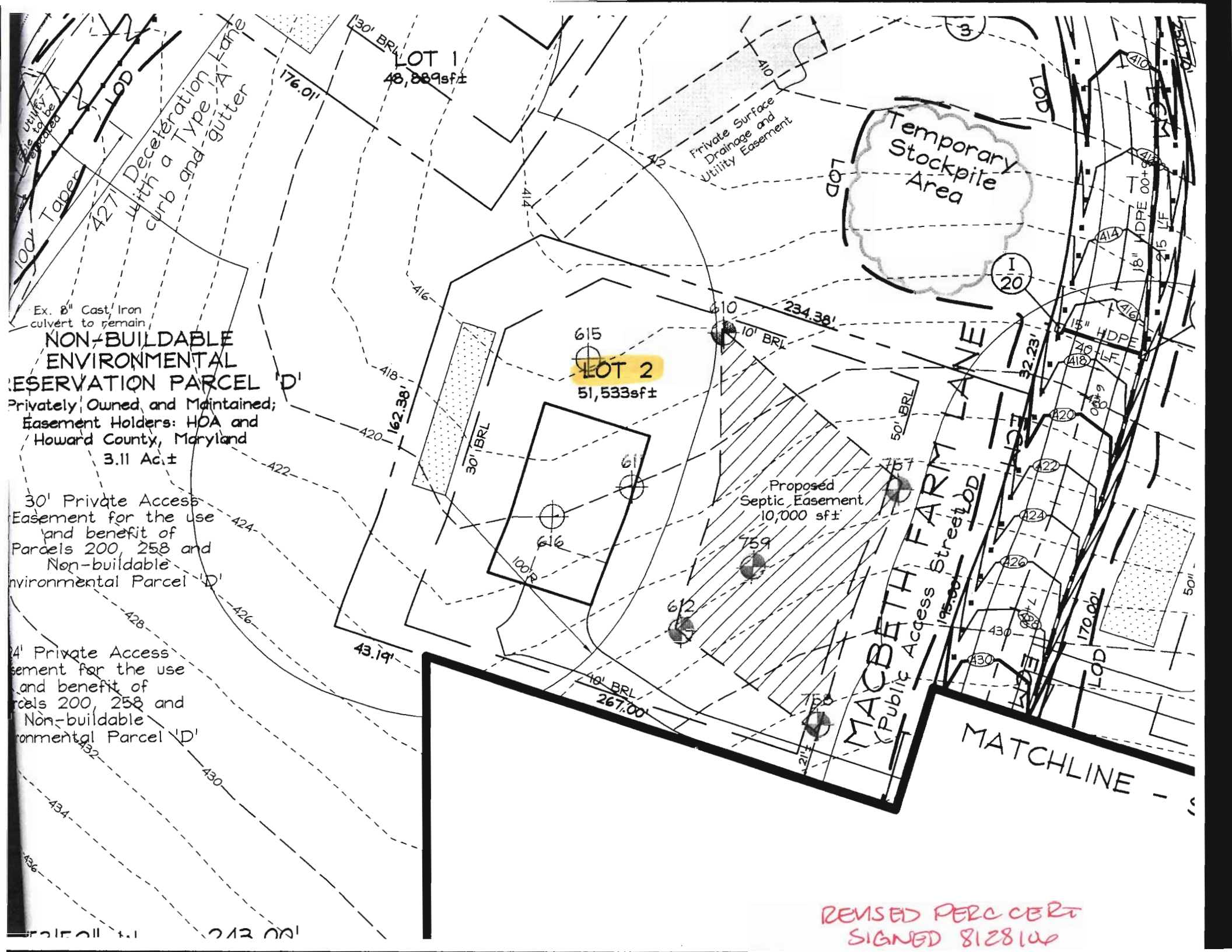
757
Brown SCL
1 red brown micaceous L
3 yellow brown micaceous SL



758
Brown SCL
2 1/2 orange brown micaceous L
4 yellow brown micaceous SL

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/30/03	612	5 / 13	1:27	1:34	1:40	6	P
	759	5 1/2 / 13 1/2	1:29	1:32	1:39	7	P
	757	4 / 13	1:36	1:39	1:42	3	P
	758	14 v	OK			2.7	P

REMARKS Lot 33
 SANITARIAN J. Boris BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



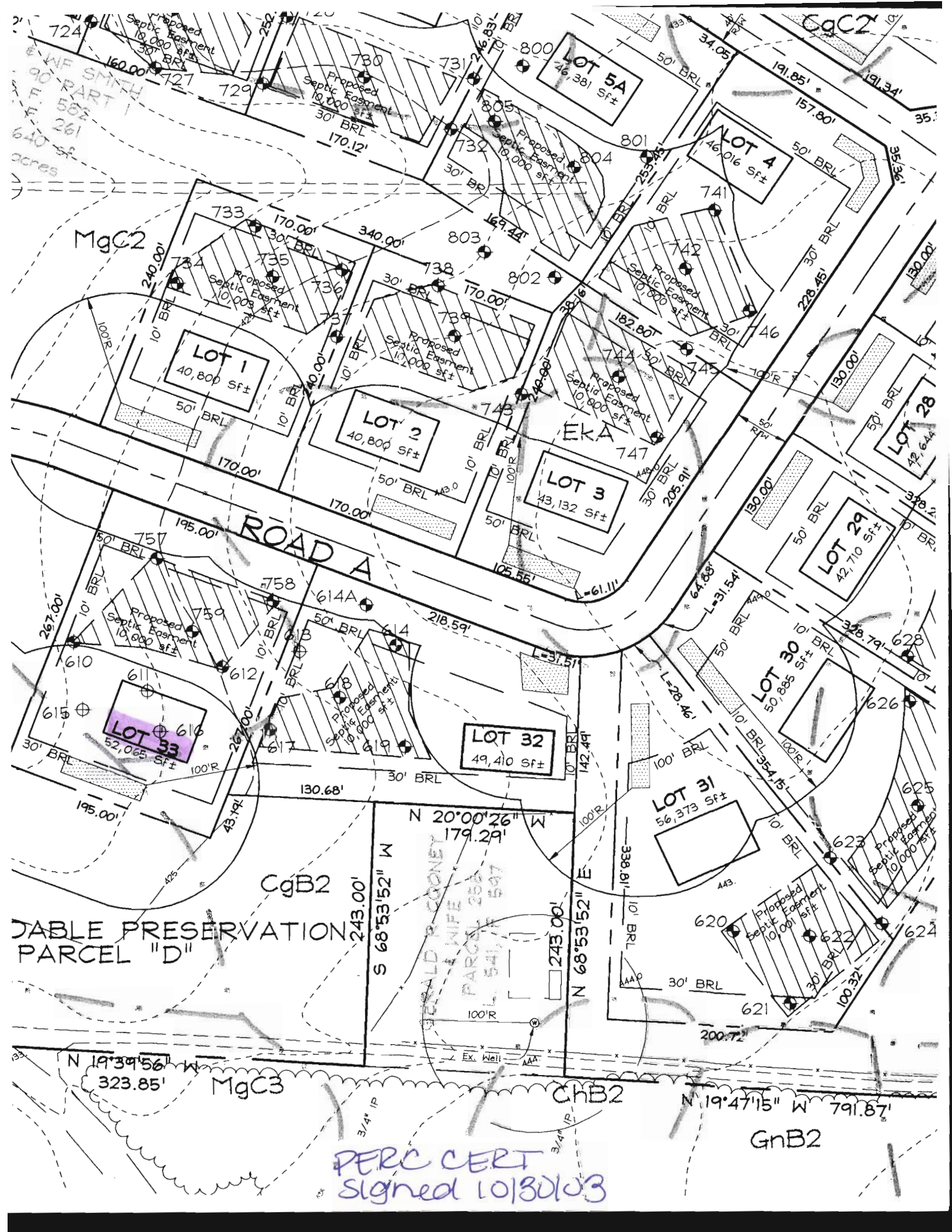
Ex. 8" Cast Iron
culvert to remain

**NON-BUILDABLE
ENVIRONMENTAL
RESERVATION PARCEL 'D'**
Privately Owned and Maintained;
Easement Holders: HOA and
Howard County, Maryland
3.11 Ac.±

30' Private Access
Easement for the use
and benefit of
Parcels 200, 258 and
Non-buildable
Environmental Parcel 'D'

4' Private Access
Easement for the use
and benefit of
Parcels 200, 258 and
Non-buildable
Environmental Parcel 'D'

REVISED PERC CERT
SIGNED 8/28/10



WF SMITH
90 PART
582
261
640 sf
acres

MgC2

ROAD A

TABLE PRESERVATION
PARCEL "D"

MgC3

PERC CERT
signed 10/30/03

LOT 5A
46,381 Sf±

LOT 4
46,016 Sf±

LOT 1
40,800 Sf±

LOT 2
40,800 Sf±

LOT 3
43,132 Sf±

LOT 29
42,710 Sf±

LOT 28
42,644 Sf±

LOT 30
50,885 Sf±

LOT 32
49,410 Sf±

LOT 31
56,373 Sf±

LOT 33
52,065 Sf±

GERALD R. COONEY
& WIFE
PARCEL 258
L. 541, N. 547

CgB2

ChB2

GnB2

CgC2

EKA

N 20°00'26" W
179.29'

S 68°53'52" W
243.00'

N 68°53'52" E
243.00'

N 19°47'15" W
791.87'

N 19°39'56" W
323.85'

3/4" IP

3/4" IP

Ex. Well

AAA

AAA

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