

APPLICATION

PERCOLATION TESTING

A 518 543

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:

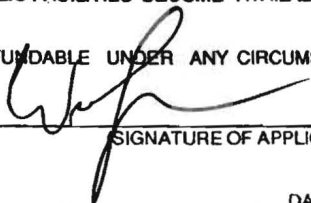
SUBDIVISION MacBeth Farm LOT NO. 4

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'

yellow
orange
gravelly
SCL

3'

yellow
orange
gravelly
SCL

5'

gravelly
yellow
orange
SCL
w/15-20%
coarse
cherty
frag

13'

746

3'

Brown
L

fine
yellow
brown
micaceous
SL

14'

741

3'

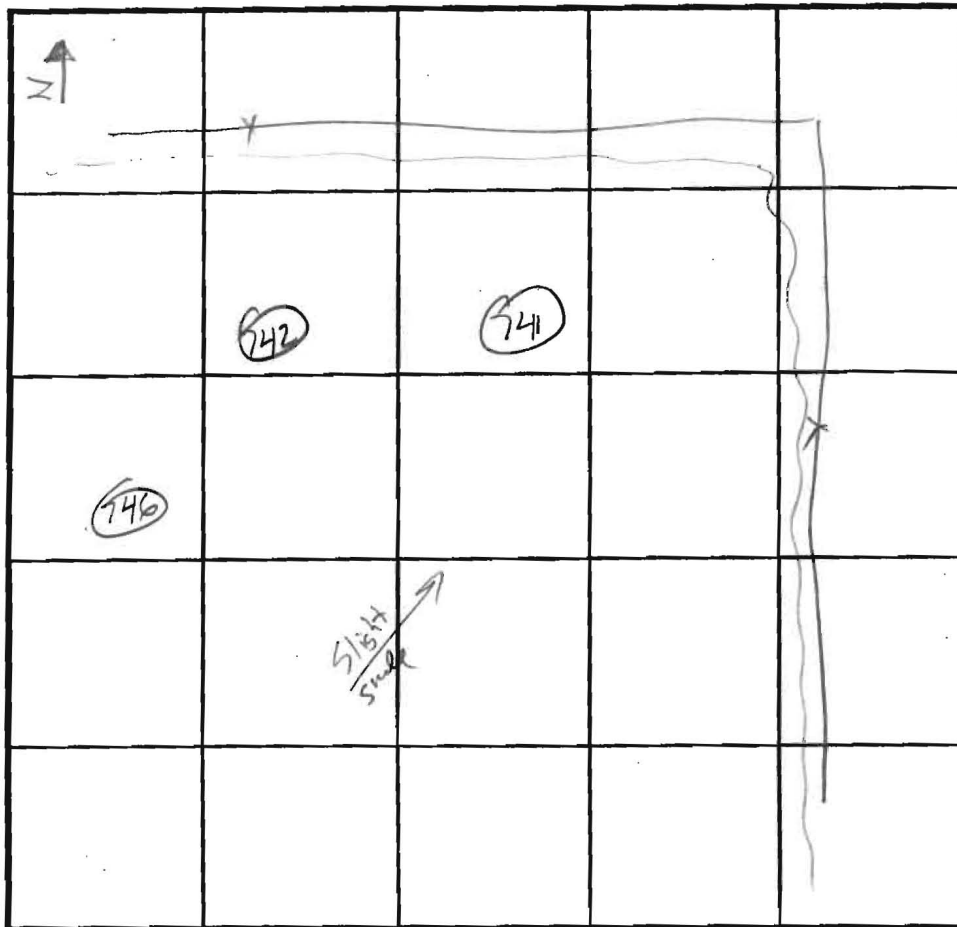
brown
orange
brown
SCL

fine
orange
brown

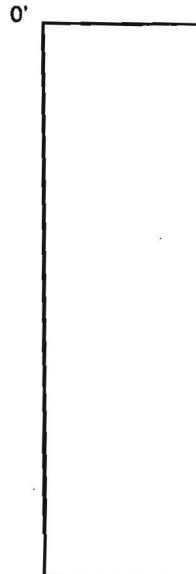
↓

yellow
brown
SL
1/5-10%
coarse
Qtz
frag

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	
7/10/03	742	5 / 13	10:38	10:46	10:46	10:56	10 ok
7/10/03	746	4 / 14	10:44	10:49	10:49	10:54	5 ok
7/10/03	741	2 1/2 / 14	10:52	10:57	10:57	11:07	10

REMARKS _____

TYPE OF SOIL _____

TESTED BY J. Boris ALSO PRESENT B. Green

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

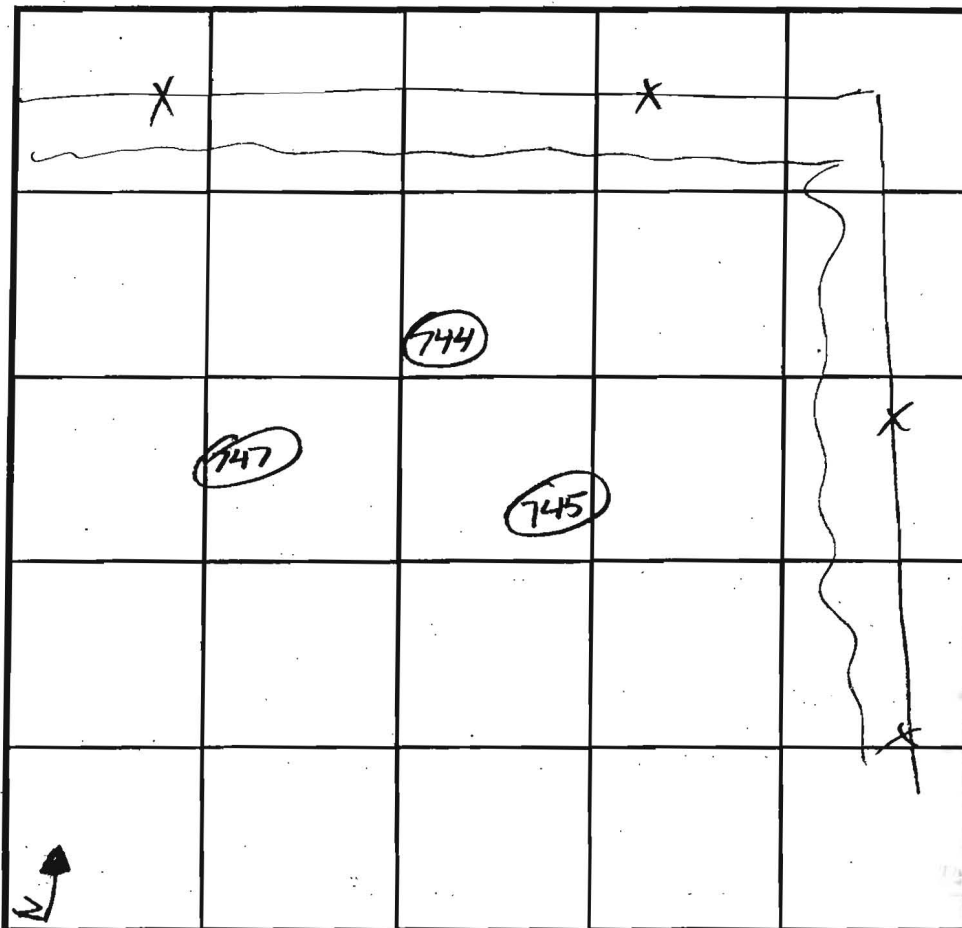
SOIL PROFILE

0' 744
Brown
SCL

1' orange
Brown heavy
Si-CL

4 1/2' red
orange
SCL

5 1/2' coarse
micaceous
yellow
brown
SL



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

747
orange
red
Si-CL

2' orange
brown
SCL

14' fine
brown
micaceous
SL
w/ 5%
coarse
sand

745
Brown
SCL

1' orange
brown
micaceous
Si-CL

4' red
brown
micaceous
SL

14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/10/03	744	14 V	oke	6'			2-7 ok
7/10/03	747	5 / 14	10:07	10:12	10:12	10:21	9 ok
7/10/03	745	4 / 14	10:17	10:23	10:23	10:35	12 ok

REMARKS _____

TYPE OF SOIL _____

TESTED BY J. Beris ALSO PRESENT B. Gray / H. H. / ds

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE

802

Brown
SCL

Heavy
orange
brown
SCL

↓

yellow
brown
CWSL

4/10-15%
coarse
cherty
gneiss
frag

803

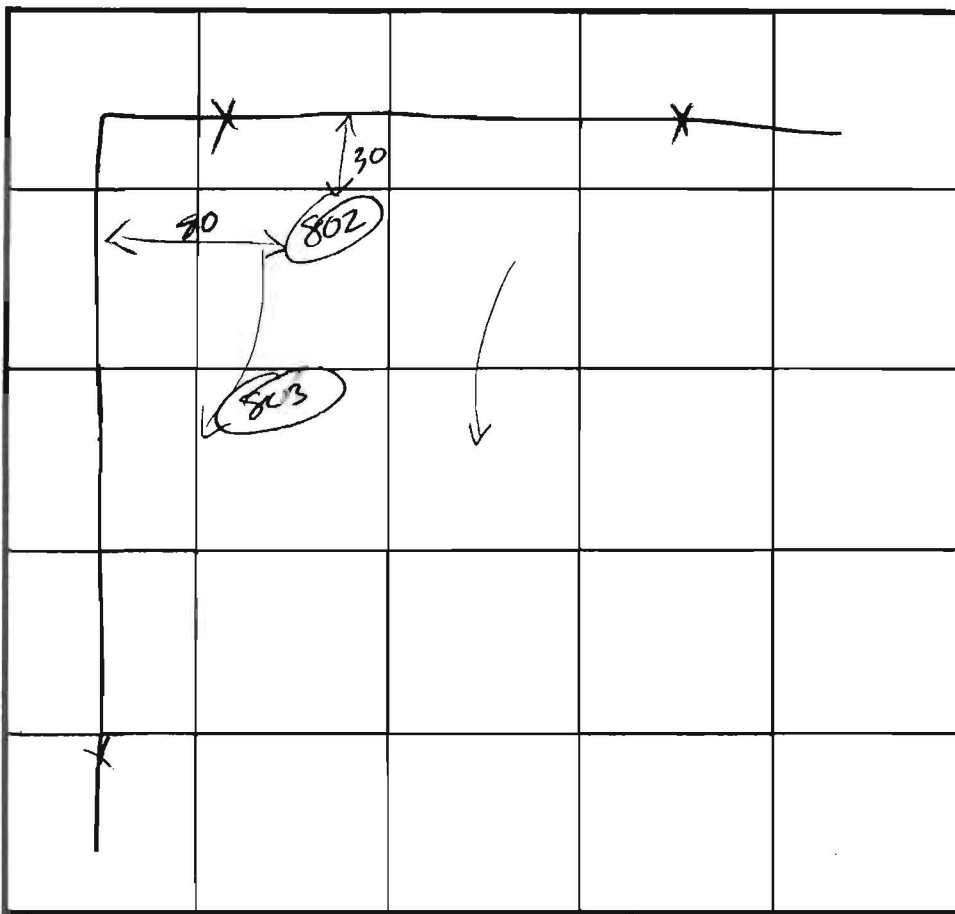
Brown
SIL

orange brown
CWSL

4<5%
coarse frags

micaceous
red brown
SL
4/25-30%
coarse
cherty
gneiss frags
from 6-9

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	802	5 1/2 / 13	2:13:15	2:15:15	2:15:15	2:18:30	3:15	ok
	803	6 1/2 / 13	2:19:30	2:21:15	2:21:15	2:23:45	2:30	ok

REMARKS CW = weakly cemented;

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

P-802

NOTE:
ALL WELLS & SEPTIC WITHIN
100' OF PROPERTY HAVE BEEN SHOWN

PROPOSED SRA RELOCATION PLAN TO ACCOMMODATE IN-GROUND POOL CONSTRUCTION

LEGEND

- PERC HOLES - Passed
- WELL
- EXISTING SRA
- SRA TO BE RELOCATED - 400 SQ FT
- RELOCATED SRA - 400 SQ FT

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR MACBETH FARMS, PLAT No. 18792. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-08-36 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
9. SEPTIC TANK FOR THIS LOT TO BE 2,000 GALLONS.
10. THE EXISTING WELL SHOWN ON THIS PLAN, HO-95-0298, HAS BEEN FIELD LOCATED BY MORRIS & RITCHIE ASSOC., INC. AND IS ACCURATELY SHOWN.
11. A LOW PRESSURE DOSE SYSTEM MAY BE REQUIRED FOR ANY SYSTEM WITH UNEQUAL LENGTH TRENCHES.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

Michael J. Davis
COUNTY HEALTH OFFICER

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Michael J. Davis 5/18/09
COUNTY HEALTH OFFICER SS DATE

REVISED PERCOLATION CERTIFICATION PLAN FOR:

LOT 31 McaBETH FARM
6301 KEERNE COURT
CLARKSVILLE, MD 21029

BENCHMARK

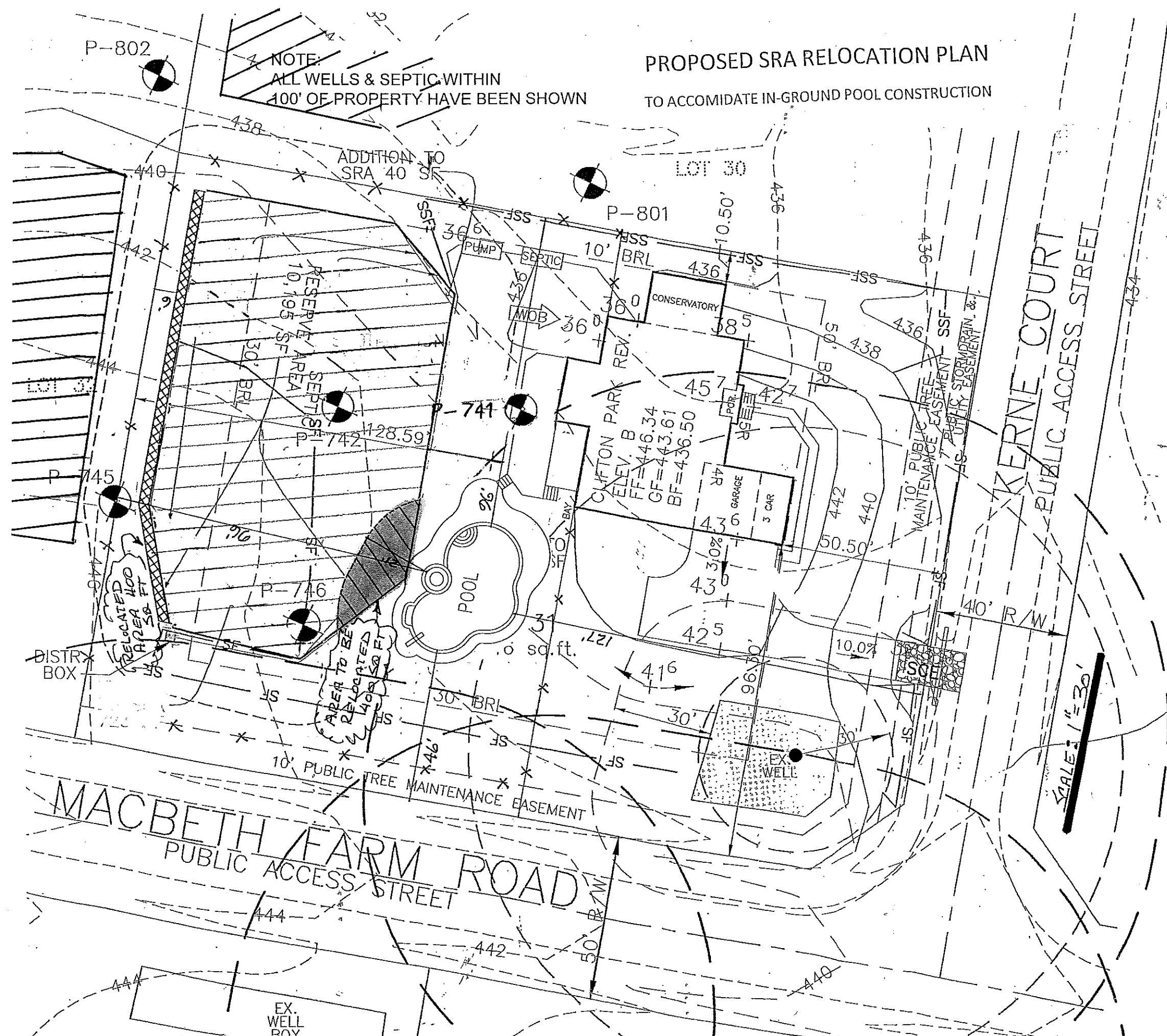
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 ▲ FAX: 410-465-6644
EMAIL: benchmrk@cais.com

GRID NORTH

OWNER/BUILDER: scale 1" = 30' PROJECT



SCALE: 1" = 30'

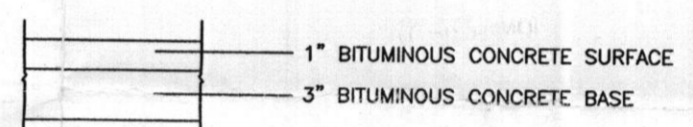


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John M. Carney 9/08/08
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
Robert P. Steiner 9/24/2008
 COUNTY HEALTH OFFICER



FULL DEPTH BITUMINOUS CONCRETE
PAVING SECTION
 NOT TO SCALE

NO.	DATE	REVISION
BENCHMARK ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 ▲ FAX: 410-465-6644 EMAIL: benchmark@cais.com		
OWNER/BUILDER:		PROJECT:
NVHOMES MARYLAND EAST DIVISION 6085 MARSHALEE DRIVE SUITE 130 ELKRIDGE, MARYLAND 21075 PHONE: 410-379-5956 FAX: 410-379-5956		MACBETH FARM LOT 31
LOCATION:		TITLE:
6301 KERNE COURT CLARKSVILLE, MD 21029 TAX MAP No. 34 - BLOCK No. 18 - PARCEL No. 90 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		REVISED PERCOLATION CERTIFICATION PLAN
HOUSE TYPE:		DATE:
CLIFTON PARK - ELEVATION "B"		SEPTEMBER 8, 2008
DESIGN:	DRAFT:	PROJECT NO.
JMC	JMC	2061
SCALE:	DRAWING	OF
1" = 30'	1	1

RENDERED PERC CHECK
SIGNED 8/28/06

Proposed Septic Easement
10,000 sf±

Proposed Septic Easement
10,000 sf±

Proposed Septic Easement
10,000 sf±

Proposed Septic Easement
10,001 sf±

LOT 30
46,368sf±

LOT 31
46,016 sf±

LOT 17
49,923sf±

LOT 8
42,590sf±

KERNE COURT
(Public Access Place)

MACBETH FARM LANE
(Public Access Place)

Public Storm Drain and Utility Easement

20' Public Storm Drain and Utility Easement
24" HDPE SSF

Public Storm Drain and Utility Easement
width varies



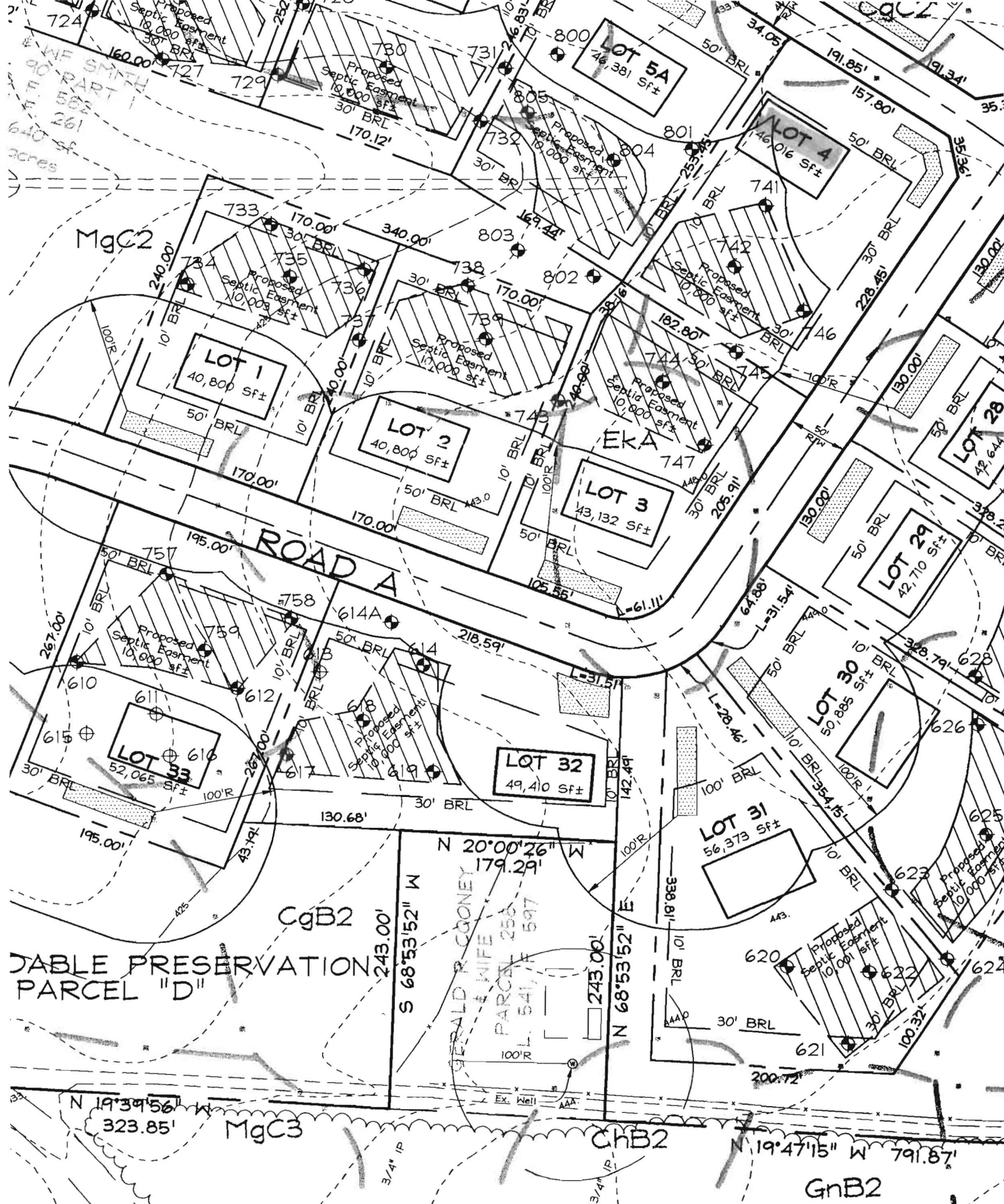


TABLE PRESERVATION
PARCEL "D"

N 19°39'56" W
323.85'

MgC3

ChB2

N 19°47'15" W 791.87'

GnB2

PERC CERT
Signed 10/30/03

MgC2

CgB2

GERALD R. GOONEY
& WIFE
PARCEL 256
L. 541, E. 597

EKA

