

# 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. 32

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' **G19**  
Brown  
SCL

---

2' orange  
brown  
SCL  
w/10-15%  
coarse  
frags

---

6 1/2' yellow  
brown  
micaceous  
SL

**G17**  
Brown  
SCL

---

2' orange  
brown  
heavy  
SCL

---

6' Dark  
orange  
brown  
fine-cw SCL

**G13**  
Brown  
SCL

---

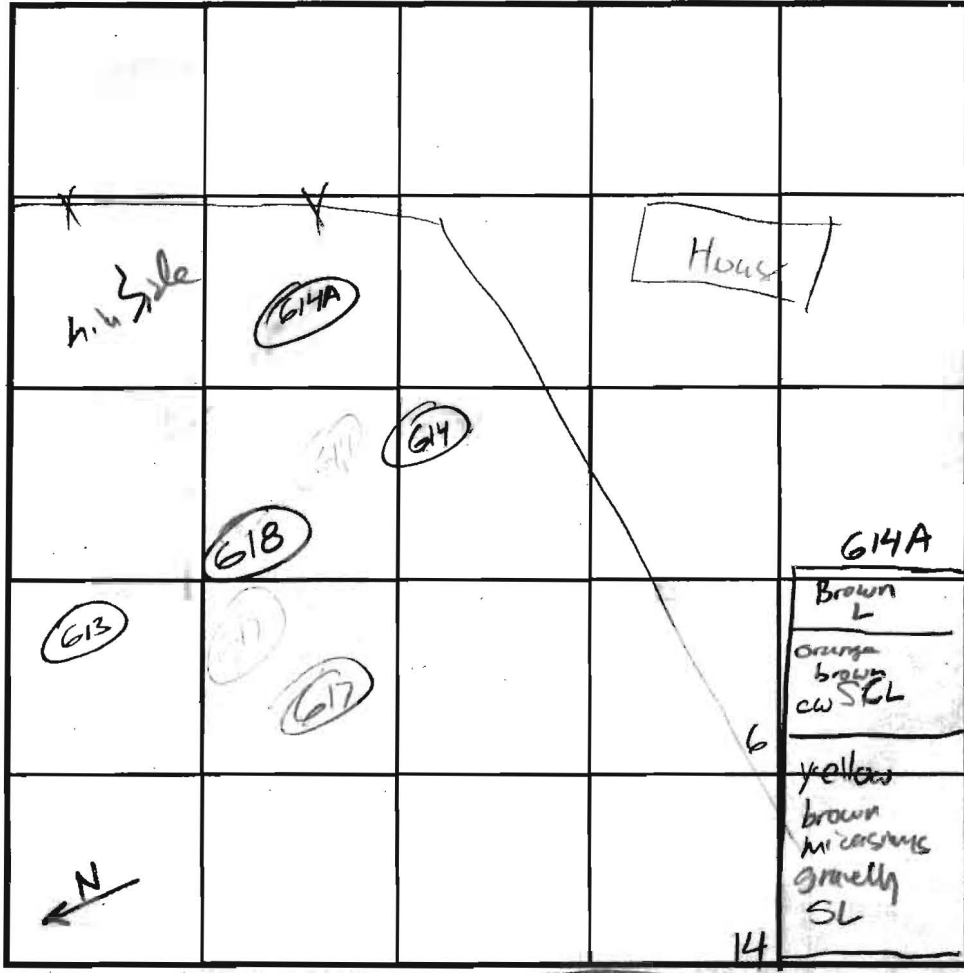
2' gravelly  
yellow  
brown  
L

---

4' yellow  
brown  
gravelly  
SCL/SL  
w/10-15%  
coarse  
clerch  
frags

---

13'



SOIL PROFILE

0' **G13**  
Brown  
micaceous  
SCL

---

1' orange  
brown  
micaceous  
L

---

4' yellow  
brown  
micaceous  
SL  
w/white  
pockets  
of SL

---

13' water

**G14**  
heavy  
red orange  
SCL

---

4 1/2' yellow  
brown  
LS/SL  
w/10-15%  
coarse  
frags

INDICATE NORTH NAME ADJOINING ROADWAY AS BASELINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/1/03	<b>G19</b>	6 / 13	9:16:45	Stopped @ 12:32:45	No record		F
		7 1/2 / 13	9:41:00	9:43:15	9:43:15	9:52:15	9
	<b>G17</b>	6 / 13	9:19:15	Stopped @ 9:37:15	No record		F
		8 / 13	9:48:15	9:51:15	9:51:15	9:56:15	5
7/30/03	<b>G13</b>	5 / 13	2:06	Stopped @ 2:30	No record		F
	<b>G18</b>	4 1/2 / 13	2:08	2:10	2:10	2:14	4
	<b>G14</b>	6 / 13	2:28	2:28	2:28	2:30	2
	<b>G14A</b>	14 V					2-7

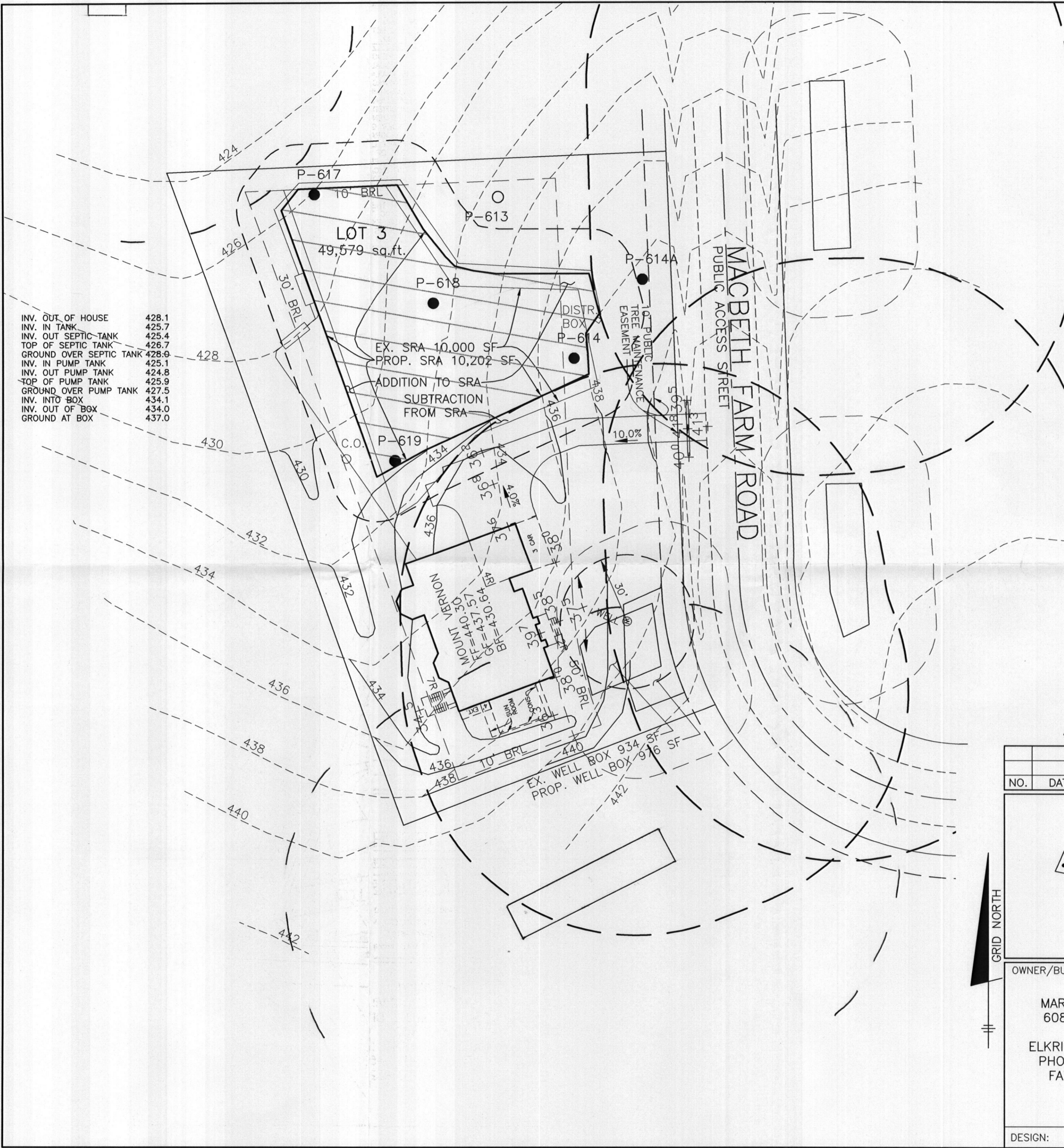
REMARKS Cw = weakly cemented

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



INV. OUT OF HOUSE	428.1
INV. IN TANK	425.7
INV. OUT SEPTIC-TANK	425.4
TOP OF SEPTIC TANK	426.7
GROUND OVER SEPTIC TANK	428.0
INV. IN PUMP TANK	425.1
INV. OUT PUMP TANK	424.8
TOP OF PUMP TANK	425.9
GROUND OVER PUMP TANK	427.5
INV. INTO BOX	434.1
INV. OUT OF BOX	434.0
GROUND AT BOX	437.0

**NOTES:**

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR BRIGHTON MILL, 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-95-0271, 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.

Macbeth Farm

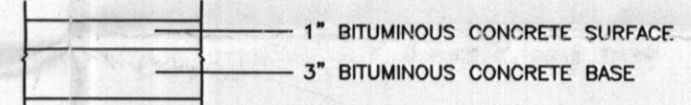
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

*John M. Carney* 5/20/08

PLAN PREPARER  
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

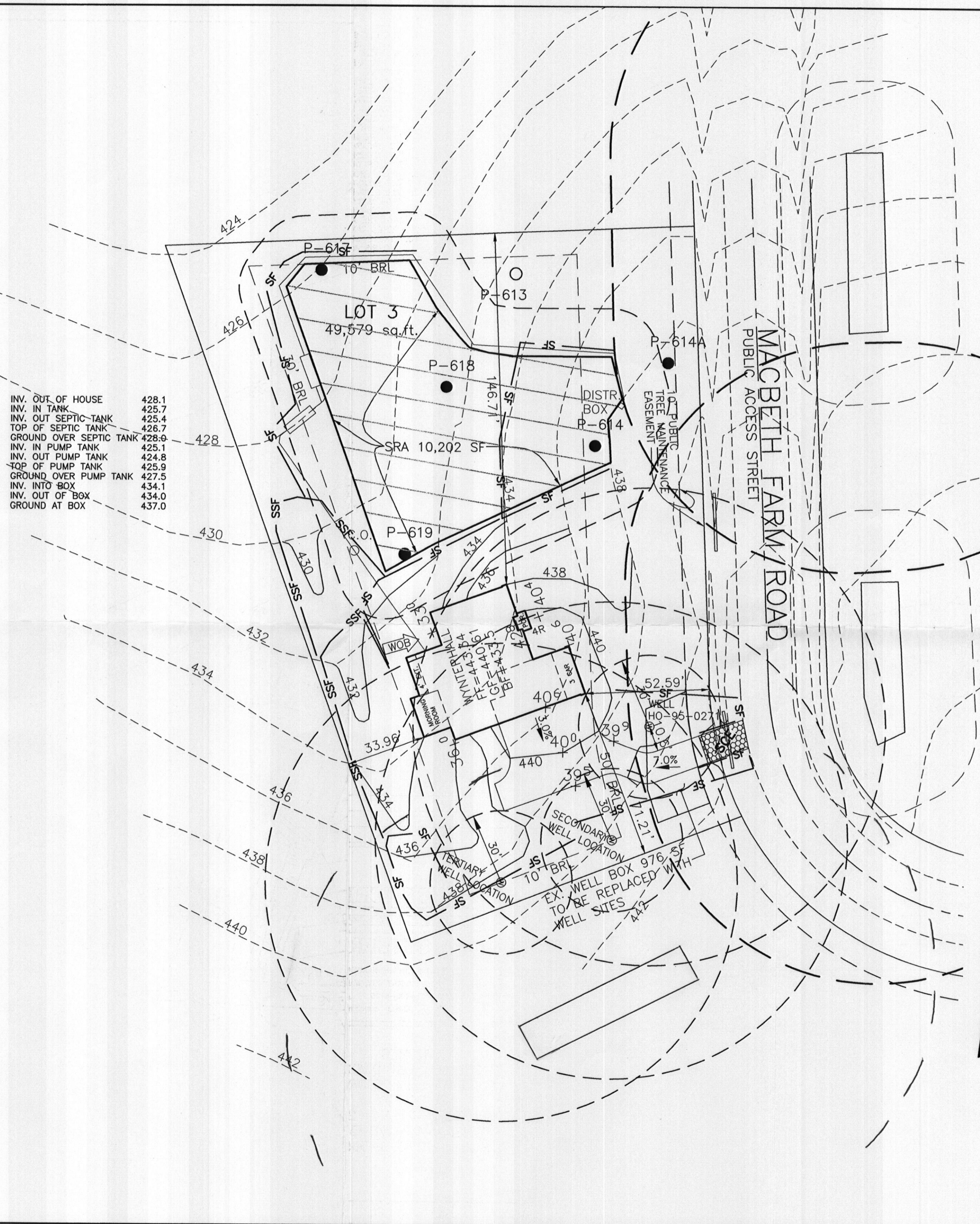
APPROVED:  
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*Michael J. Davis* 6/23/08  
COUNTY HEALTH OFFICER SS DATE



**PAVING SECTION**  
NOT TO SCALE

NO.	DATE	REVISION
<p><b>BENCHMARK</b> ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS <b>ENGINEERING, INC.</b></p> <p>8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLCOTT CITY, MARYLAND 21029 PHONE: 410-465-6105 ▲ FAX: 410-465-6644 EMAIL: benchmark@ccais.com</p>		
OWNER/BUILDER:		PROJECT:
NVHOMES MARYLAND EAST DIVISION 6085 MARSHALEE DRIVE SUITE 130 ELKRIDGE, MARYLAND 21075 PHONE: 410-379-5956 FAX: 410-379-5956		<b>MACBETH FARM LOT 3</b>
LOCATION:		TITLE:
12824 MACBETH FARM ROAD CLARKSVILLE, MD 21029 TAX MAP No. 34 - BLOCK No. 18 - PARCEL No. 90 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		<b>REVISED PERCOLATION CERTIFICATION PLAN</b>
HOUSE TYPE:		DATE:
<b>MOUNT VERNON</b>		MAY, 2008
DESIGN:	DRAFT:	PROJECT NO.
JMC	JMC	2061
SCALE:		DRAWING
1" = 30'		1 OF 1



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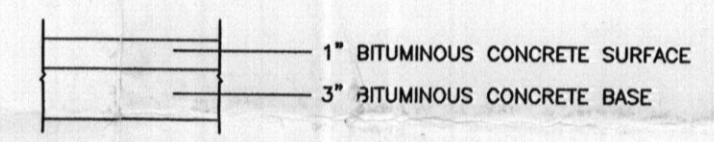
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*John M. Carney* 7/23/08  
 PLAN PREPARER  
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
*Richard J. Davis* 8/6/08  
 COUNTY HEALTH OFFICER DATE



FULL DEPTH BITUMINOUS CONCRETE  
**PAVING SECTION**  
 NOT TO SCALE

NO.	DATE	REVISION
 <b>BENCHMARK ENGINEERING, INC.</b> ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 ▲ FAX: 410-465-6644 EMAIL: benchmrk@cois.com		
OWNER/BUILDER:		PROJECT:
NVHOMES MARYLAND EAST DIVISION 6085 MARSHALEE DRIVE SUITE 130 ELKRIDGE, MARYLAND 21075 PHONE: 410-379-5956 FAX: 410-379-5956		<b>MACBETH FARM            LOT 3</b>
LOCATION:		12824 MACBETH FARM LANE CLARKSVILLE, MD 21029 TAX MAP No. 34 - BLOCK No. 18 - PARCEL No. 90 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
TITLE:		<b>REVISED PERCOLATION CERTIFICATION            PLAN AND PERMIT PLAN</b>
HOUSE TYPE:		<b>WYNTERHALL - B</b>
DESIGN:	JMC	DRAFT: JMC
DATE:	JULY 23, 2008	PROJECT NO. 2143
SCALE:	1" = 30'	DRAWING 1 OF 1



