

APPLICATION

PERCOLATION TESTING

A 516903

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 3/8/02

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Curtis Prop LOT NO. 1

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

SOI PROFILE

SOIL PROFILE

red
brown
SCL

red brown
pinkish brown
SL
4/5-10/20
cherry
Q+E
frag 5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

[illegible]REMARKS Holds day per plan

TYPE OF SOIL Marl Loam

TESTED BY J. Borz ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 516903

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT 5

DATE 3-8-02

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 Thomas C. Curtis and Betty Jean Curtis

ADDRESS 13471 Triadelphia Mill Rd., Clarksville, MD 21029 PHONE 301-854-2141

AGENT OR PROSPECTIVE BUYER Highland Development Corporation, Richard J. Demmitt, President

ADDRESS PO Box 228, Clarksville, MD 21029 PHONE 410-531-5539
228

PROPERTY LOCATION:

SUBDIVISION Curtis Property LOT NO. 1

ROAD AND DESCRIPTION Triadelphia Mill Road

TAX MAP 34 PARCEL # 2

SIZE OF LOT 1 Acre TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

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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'

P-1
Brown
SiCL
↓
red brown
L
3
red brown
micaceous
SL w/
15-20%
Channery
frags

13

P-2

Heavy Brown
SiCL
↓
Heavy
L

6

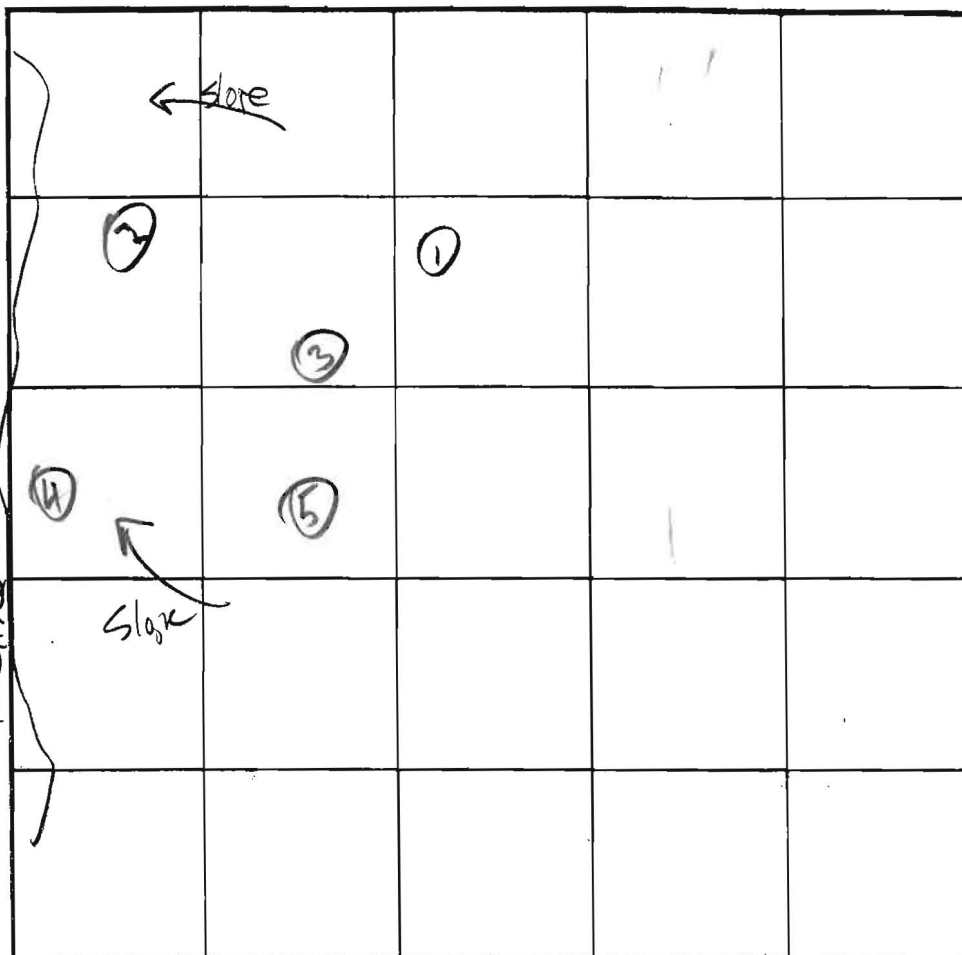
reddish
brown
micaceous
SL w/
20-25%
Channery
Qtz frags

13 1/2

P-3

Heavy Brown
SiCL
↓
red brown
L
5 1/2
red brown
micaceous
SL w/ 15-20%
Channery
frags

13



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

P-4
Brown
SiCL
↓
L
4
red brown
micaceous
SL w/ 15-20%
weathered
Saprolite

13

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/13/02	P1	4 / 13	1:08:30	1:12:45	1:12:45	1:16	3:15
6/13/02	P2	6 / 13 1/2	12:46:45	1:00:00	stopped at 1:20	very slow	
6/13/02	P3	7 / 13	12:57:30	1:03:00	1:03:00	1:12:00	9
6/13/02	P4	5 1/2 / 13	12:36:00	12:37:30	12:37:30	12:39:30	2

REMARKS

(P2) material below 6' will probably perc in 7-15 min

TYPE OF SOIL

Minor loam

TESTED BY

J. Boris

ALSO PRESENT

Todd (Jeff Adams)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

5

TRENCH WIDTH

3

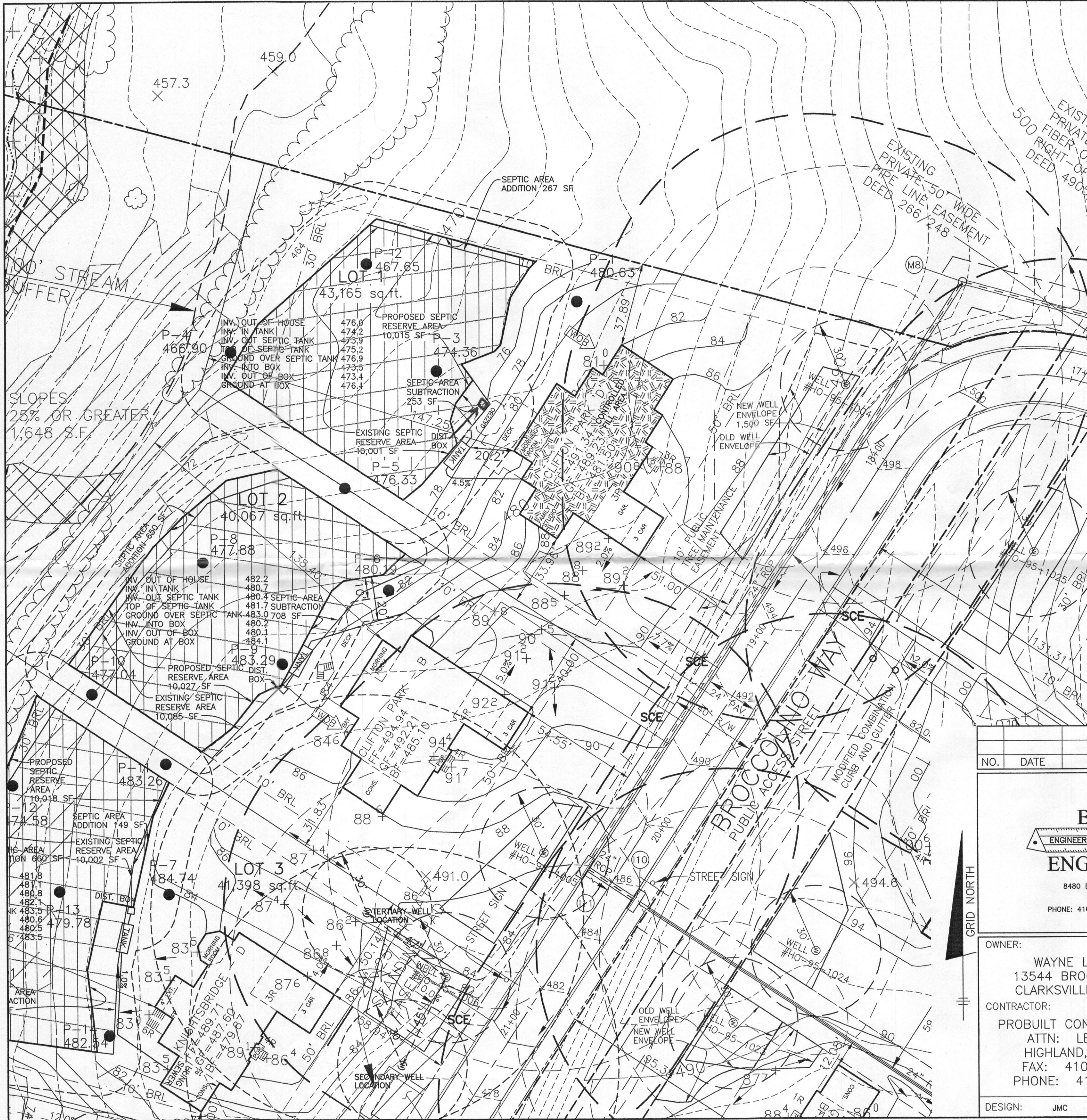
INLET DEPTH

MAXIMUM BOTTOM DEPTH

6 1/2

SQ. FT./BEDROOM

180



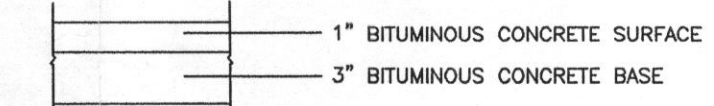
- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR BRIGHTON MILL, PLAT No. 19461. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
 2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR 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. THE DISTRIBUTION BOX PREVIOUSLY PLACED ON THIS LOT WILL NEED TO BE RELOCATED TO LOCATION SHOWN ON THIS PLAN.
 4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
 5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
 6. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 7. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS F-06-067. CPV WAS PROVIDED BY BY A SHALLOW WETLAND, WQV AND Rev WAS PROVIDED BY OPEN CHANNEL.
 8. SEPTIC TANK FOR THIS LOT IS 2,000 GALLONS.
 9. THE EXISTING WELL SHOWN ON THIS PLAN, HO-95-1004, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.

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 3/11/09
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

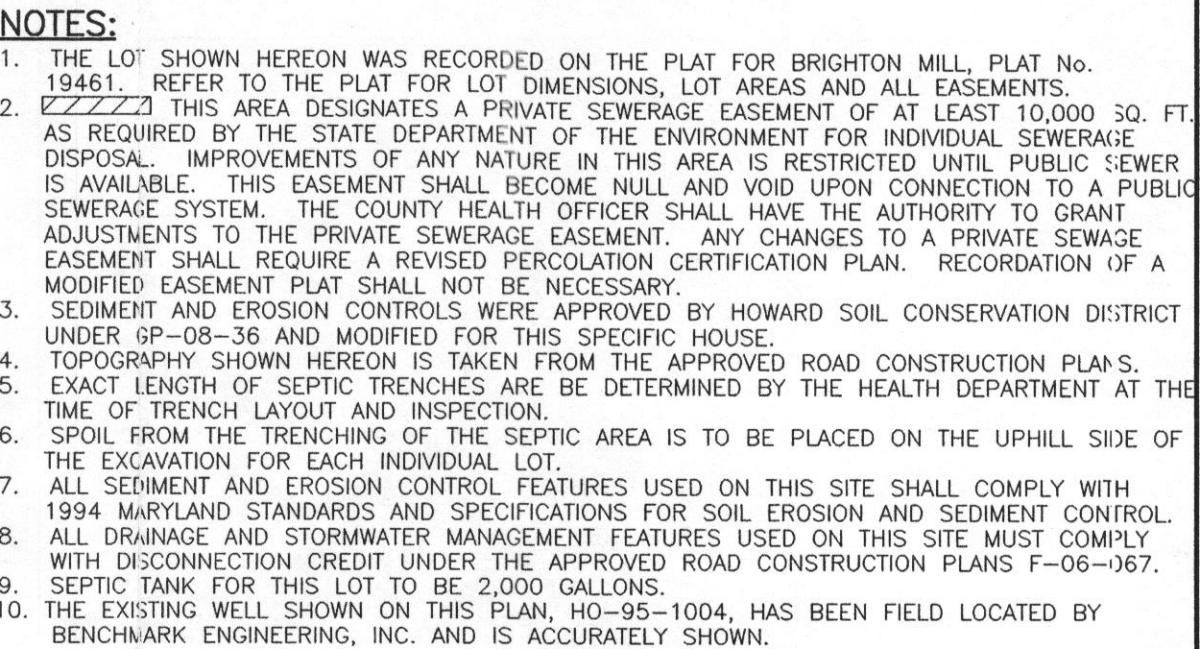
Brian P. Peter Brillemann 4/24/2009
COUNTY HEALTH OFFICER



FULL DEPTH BITUMINOUS CONCRETE
PAVING SECTION
NOT TO SCALE

- LEGEND**
- EXISTING CONTOURS
 - FIELD SURVEYED WELL LOCATION
 - PASSED PERCOLATION TEST PER TEST RESULTS
 - FAILED PERCOLATION TEST PER TEST RESULTS
 - EXISTING APPROVED SEPTIC FIELD
 - PROPOSED REVISED SEPTIC FIELD

NO.	DATE	REVISION				
<div><div>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: benchmrk@cais.com</div><div>OWNER: WAYNE LITTLEFIELD 13544 BROCCOLINO WAY CLARKSVILLE, MD 21029 CONTRACTOR: PROBUILT CONTRACTORS, INC. ATTN: LEE BARWICK HIGHLAND, MD 20777 FAX: 410-854-9632 PHONE: 410-854-0821</div><div>PROJECT: BRIGHTON MILL LOT 1 LOCATION: 13544 BROCCOLINO WAY CLARKSVILLE, MD 21029 TAX MAP No. 34 - BLOCK No. 2 - PARCEL No. 2 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TITLE: REVISED PERCOLATION CERTIFICATION PLAN HOUSE TYPE: CLIFTON PARK <table border="1"><tr><td>DATE: MARCH 10, 2009</td><td>PROJECT NO. 2061</td></tr><tr><td>SCALE: 1" = 30'</td><td>DRAWING 1 OF 1</td></tr></table></div></div>			DATE: MARCH 10, 2009	PROJECT NO. 2061	SCALE: 1" = 30'	DRAWING 1 OF 1
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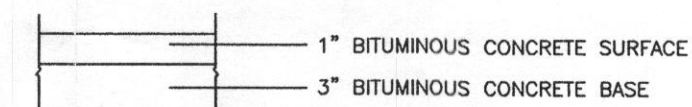


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IS BASED ON FIELD WORK PERFORMED BY ME
OR UNDER MY DIRECT SUPERVISION, AND IS
CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

John M. Carney 7/28/08
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

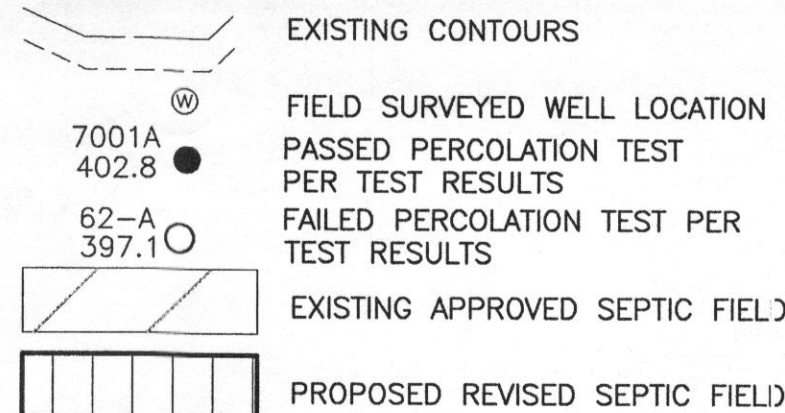
APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Michael J. Davis 8/7/08
COUNTY HEALTH OFFICER MS DATE



FULL DEPTH BITUMINOUS
CONCRETE
PAVING SECTION
NOT TO SCALE

LEGEND



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: benchmrk@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		BRIGHTON MILL LOT 1	
		LOCATION: 13544 BROCCOLINO WAY CLARKSVILLE, MD 21029 TAX MAP No. 34 - BLOCK No. 2 - PARCEL No. 2 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	
		TITLE: REVISED PERCOLATION CERTIFICATION PLAN AND PERMIT PLAN	
		HOUSE TYPE: CLIFTON PARK	
		DATE: JULY 8, 2008 JULY 28, 2008	PROJECT NO. 2061
DESIGN:	JMC	DRAFT:	JMC
		SCALE: 1" = 30'	DRAWING 1 OF 1



NOTES:

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11. THE REASON FOR THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO SITE A POOL BEHIND THE HOUSE.

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John M. Carney 9/23/10
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

Antonia P. Peterson 10/13/2010
 COUNTY HEALTH OFFICER DATE

NO.	DATE	REVISION
<p align="center">BENCHMARK ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS ENGINEERING, INC.</p> <p align="center">8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 ▲ FAX: 410-465-6644 EMAIL: benchmark@cais.com</p>		
OWNER: WAYNE LITTLEFIELD 13544 BROCCOLINO WAY CLARKSVILLE, MD 21029		PROJECT: BRIGHTON MILL LOT 1
LOCATION: 13544 BROCCOLINO WAY CLARKSVILLE, MD 21029 TAX MAP No. 34 - BLOCK No. 2 - PARCEL No. 2 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		TITLE: REVISED PERCOLATION CERTIFICATION PLAN
HOUSE TYPE: CLIFTON PARK		DATE: MARCH 24, 2009 SEPTEMBER 22, 2010
DESIGN: JMC	DRAFT: JMC	PROJECT NO. 2061 SCALE: 1" = 30' DRAWING 1 OF 1



NOTES:

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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 9/25/10
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

R. Wilson for Peter Beilenson 10/13/2010
COUNTY HEALTH OFFICER *WJ* 10/13/2010 DATE

1" BITUMINOUS CONCRETE SURFACE
3" BITUMINOUS CONCRETE BASE

FULL DEPTH BITUMINOUS CONCRETE
PAVING SECTION
NOT TO SCALE

LEGEND

- EXISTING CONTOURS
- FIELD SURVEYED WELL LOCATION
- PASSED PERCOLATION TEST PER TEST RESULTS
- EXISTING APPROVED SEPTIC FIELD
- PROPOSED REVISED SEPTIC FIELD

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John M. Carney 3/11/09
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

B. N. Brilenson 4/24/2009
COUNTY HEALTH OFFICER
DATE 7/20/09

1" BITUMINOUS CONCRETE SURFACE
3" BITUMINOUS CONCRETE BASE

FULL DEPTH BITUMINOUS CONCRETE
PAVING SECTION
NOT TO SCALE

LEGEND

- EXISTING CONTOURS
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SCALE: 1" = 30'		DRAWING 1 OF 1