

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

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 Property LOT NO. 16

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

COUNTY #

SOIL PROFILE

0'

P-79
Brown CL
10-15%
Charney
Frags
red brown
L

4

very fine
micaceous
SL 4/25-30%
weak
saprolite

13

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	
6/14/02	P-79	4 1/2 13 ✓	9:42:30	9:43:45	9:43:45	9:46:15	3:30
7/25/02	P-79	8 1/2 T	8:40:45	8:41:45	8:41:45	8:43:45	2

OK
OK

REMARKS Deep Slope @ 75+79 @ 8'

TYPE OF SOIL Chester

TESTED BY J. Boris ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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. 16

ROAD AND DESCRIPTION Triadelphia Mill Road

TAX MAP 34 PARCEL # 2

SIZE OF LOT 1 Acre TYPE BLDG. SFD
(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.

Richard J. Demmitt
(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

SOIL PROFILE

0' P-75
Brown CL
w/ 5-10%
Channery
Qtz frags

3 Heavy red brown
L w/ 10-15%
Channery Qtz
frags

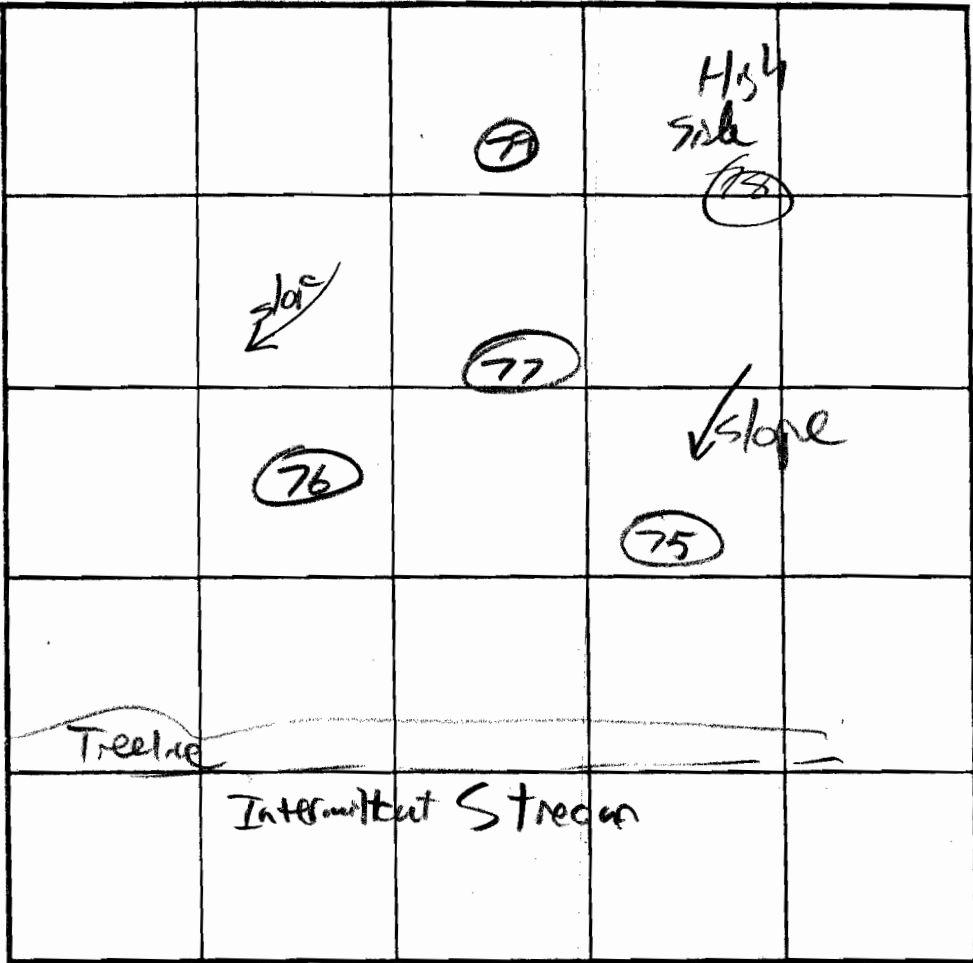
5 1/2 red brown
SL w/
25-30%
weak
saprolite

0' P-78
Brown CL
w/ 5-10%
Channery
frags

2 1/2 red brown
L

5 1/2 Fine
micaceous
SL w/
10-15%
weak
saprolite

13 1/2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

P-76
red brown
micaceous
L

2 red brown
fine SL
w/ 15-20%
weak saprolite

13

P-77
Brown CL
red brown
L

2 1/2 fine micaceous
red brown
SL w/
25-30%
weak
saprolite

14

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
6/14/02	P-75	6 1/2 13	10:22:15	10:34:15	10:34:15	10:39:00	4:45	OK	
7/25/02		8' T	8:48:00	8:49:30	8:49:30	8:51:30	2	OK	
6/14/02	P-76	5 13	10:08:00	10:11:45	10:11:45	10:18:45	7	OK	
6/14/02	P-77	Visual	hole similar to hole 79					OK	
6/14/02	P-78	4 1/2 13 1/2	9:52:30	9:57:30	9:57:30	10:17:30	10	OK	
		6 13 1/2	9:52:00	9:56:45	9:56:45	10:09:00	16:15	OK	

REMARKS _____

TYPE OF SOIL Chester

TESTED BY J. Boris ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

SHEET 1
281.47
S 49°02'17" W
100' STREAM BUFFER

MATCH LINE

GnB2

ChE2

LOCATION OF EX. WELL HOUSE TO BE ABANDONED

GnB2

EXISTING BUILDINGS TO BE REMOVED

SLOPES 25% OR GREATER

MnD

MnB2

G1C3

LOT 19
46,655 S.F.

G1C3

PRESERVATION PARCEL 'C'

500

P-27
454.17

P-26
465.92

P-93
470.00

P-93A
468.23

P-94
467.54

P-92
470.25

P-96
475.91

P-89
486.29

P-88
479.29

P-95
463.71

P-85
490.73

P-87
480.00

P-86
482.24

46,174 S.F.
LOT 18

G1C3

ChB2

P-28
454.69

P-31
455.32

P-32
456.38

P-30
467.46

LOT 8
47,446 S.F.

P-36
459.66

P-37
467.09

P-18A
465.75

P-46A

ChB2

G1D3

PRESERVATION PARCEL 'B'

P-76
486.58

ChB2

P-79
501.96

P-78
501.30

LOT 16
41,953 S.F.

P-77
482.00

P-75
482.75

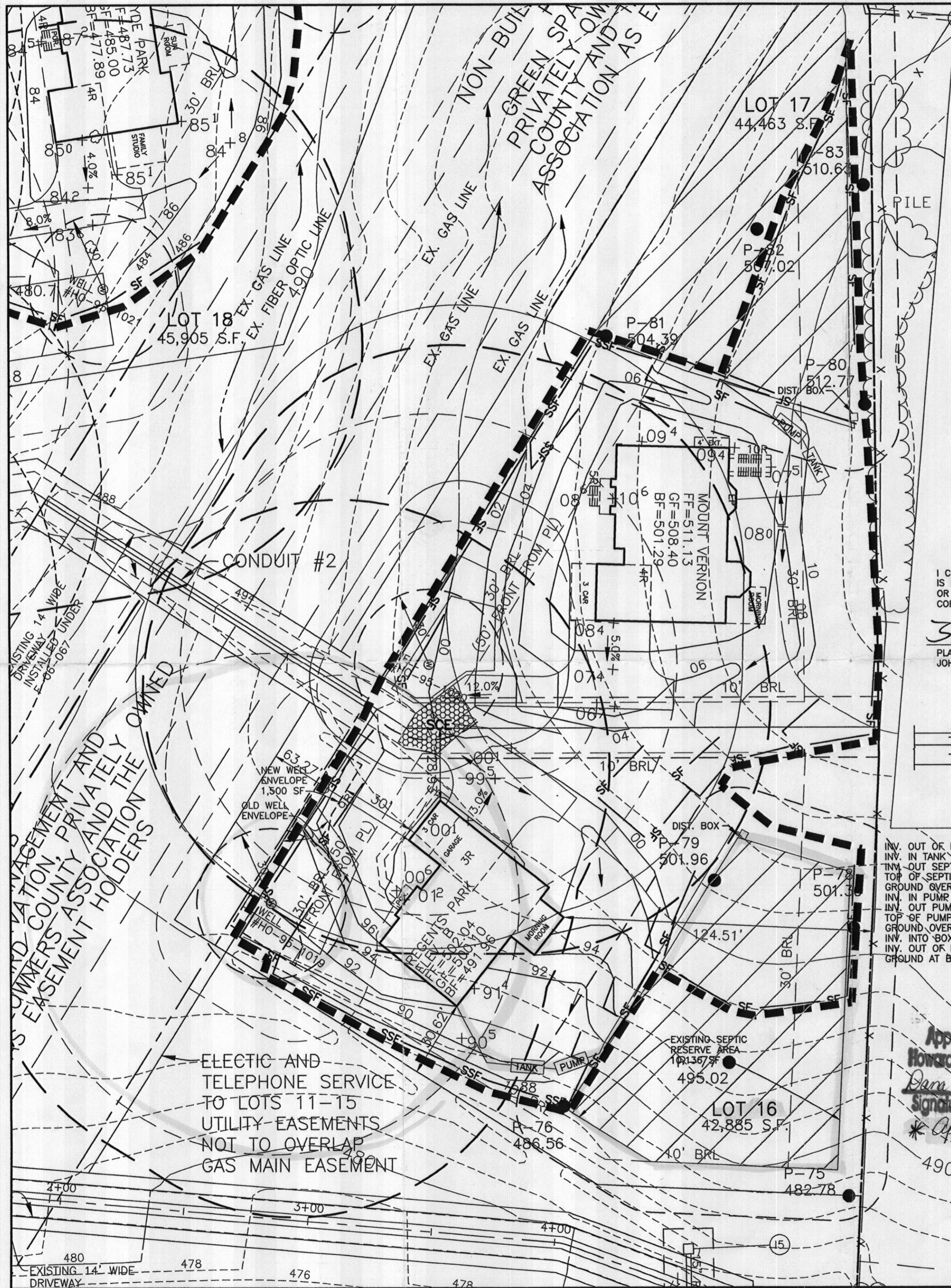
N 00°01'15" W
503.93

N 03°00'10" W
95.661

500

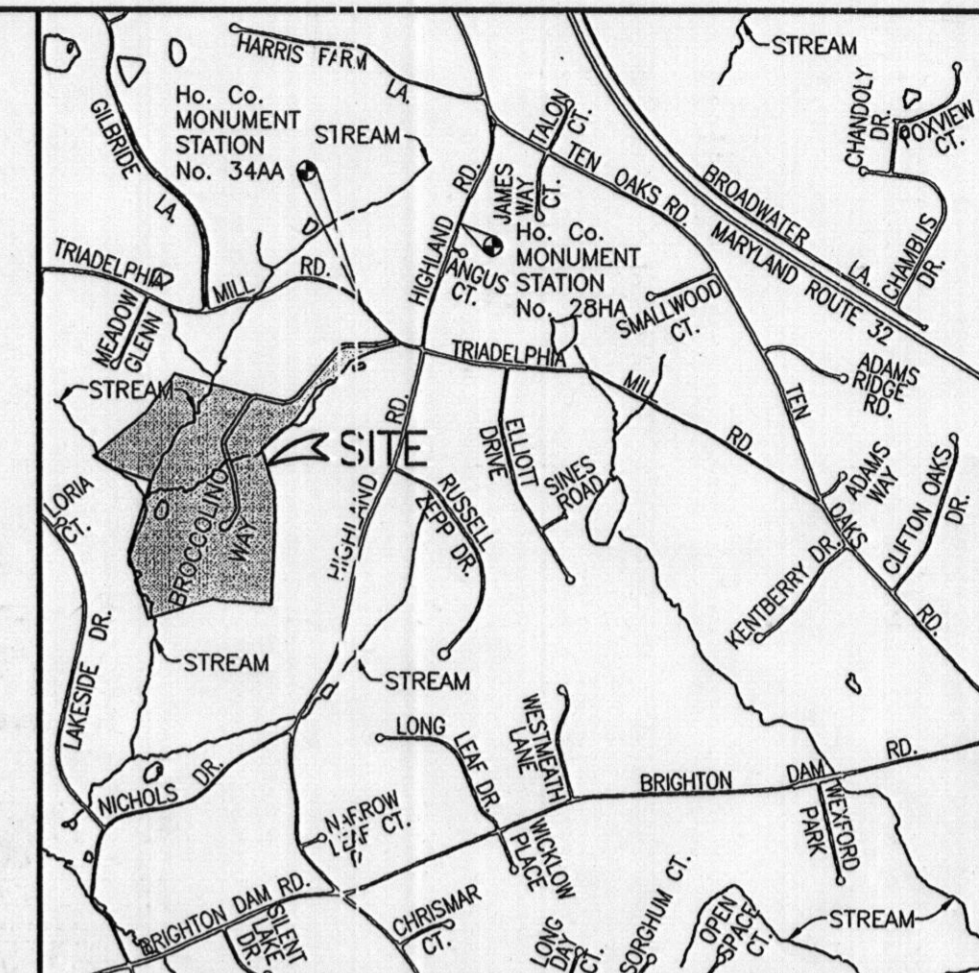
EX. GAS LINE
EX. FIBER OPTIC LINE
EX. GAS LINE
EX. GAS LINE

40' WIDE GAS LINE F



LEGEND

- EXISTING CONTOURS
- 7001A
402.8
FIELD SURVEYED WELL LOCATION
PASSED PERCOLATION TEST
PER TEST RESULTS
- EXISTING APPROVED SEPTIC FIELD
- PROPOSED REVISED SEPTIC FIELD



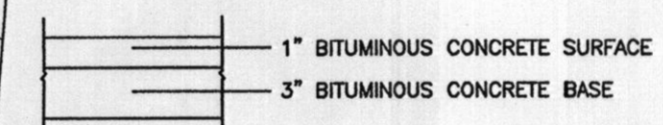
VICINITY MAP
SCALE: 1" = 2000'

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR BRIGHTON MILL, PLAT No. 19463. 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 AND ARE MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE 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-95-1019, 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 1/5/09
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.



PAVING SECTION
NOT TO SCALE

INV. OUT OF HOUSE	487.5
INV. IN TANK	486.8
INV. OUT SEPTIC TANK	486.5
TOP OF SEPTIC TANK	487.8
GROUND OVER SEPTIC TANK	490.0
INV. IN PUMP TANK	486.2
INV. OUT PUMP TANK	485.9
TOP OF PUMP TANK	487.0
GROUND OVER PUMP TANK	490.0
INV. INTO BOX	501.2
INV. OUT OF BOX	501.1
GROUND AT BOX	504.1

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Dana Burnard 1/20/09
COUNTY HEALTH OFFICER DATE

NO.	DATE	REVISION

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: benchmark@cois.com

OWNER/BUILDER:

NVHOMES
MARYLAND EAST DIVISION
6085 MARSHALEE DRIVE
SUITE 130
ELKRIDGE, MARYLAND 21075
PHONE: 410-379-5956
FAX: 410-379-5956

PROJECT:
**BRIGHTON MILL
LOT 16**

LOCATION:
13579 BROCCOLINO WAY
CLARKSVILLE, MD 21029
TAX MAP No. 34 - BLOCK No. 9999 - PARCEL No. 2
4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE:
REVISED PERCOLATION CERTIFICATION
PLAN AND PERMIT PLAN

HOUSE TYPE:
REGENT'S PARK
ELEVATION "B"

DATE:
DECEMBER, 2008
JANUARY, 2009

PROJECT NO. 2061
DRAWING 1 OF 1

DESIGN: JMC DRAFT: JMC