

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

O: 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~~ 21029 PHONE 410-531-5539
L-228

PROPERTY LOCATION:

SUBDIVISION Curtis Property LOT NO. 12

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 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

0' P-54
Brown
L 35-40%
Channery
frag

red brown
micaceous
SL w/ 25-30
Channery
frag

1/2 red brown
SL w/ 10-15%
Channery
frag

13 P-55
red
Brown
L

red brown
micaceous
SL w/
25-30%
weak
spherulite

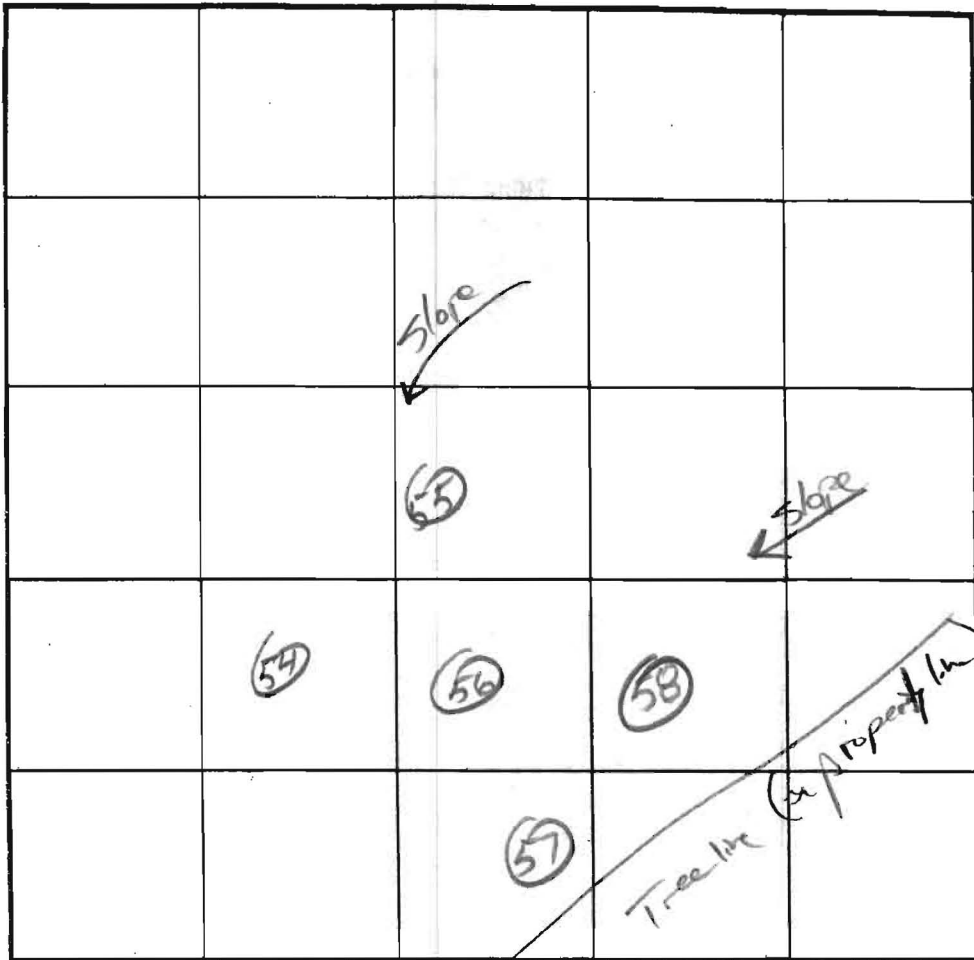
3 P-56
red brown
CL
↓
Heavy
L

1/2 Heavy
red brown
SL w/
10-15%
Channery
very
dense

SOIL PROFILE

0' P-57
red brown
CL
↓
Heavy L

Heavy
red brown
SL w/
5-10%
Channery
frag



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/17/02	P-54	4 / 13	11:22:45	11:24:30	11:24:30	11:28:30	4
7/25/02	P-54	8 / 13	10:42:30	10:45:30	10:45:30	10:49:30	4
6/17/02	P-55	3 / 13	10:40:15	10:56:00	10:56:00	11:17:30	21:30
7/25/02	P-55	8 / 13	10:39:00	10:41:00	10:41:00	10:43:45	2:45
6/17/02	P-56	4 / 13	10:21:30	11:00	Stopped P-56 Depth fails (slow rate)		
		5 / 13	10:39:00	10:55:00	10:55:00	11:17:15	23:15
6/17/02	P-57	5 / 13	10:42:45	10:55:00	10:55:00	11:13:00	18

REMARKS Deep Stiff on 54 & 55

TYPE OF SOIL Glenely

TESTED BY J. Boric ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 16 TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT. BEDROOM 240

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

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:

Curtis

DIVISION _____ LOT NO. *12*

ROAD AND DESCRIPTION _____

INDEX 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

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COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. _____

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

APPROVED BY _____ FOR _____ DATE _____

WOULD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

FINAL DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

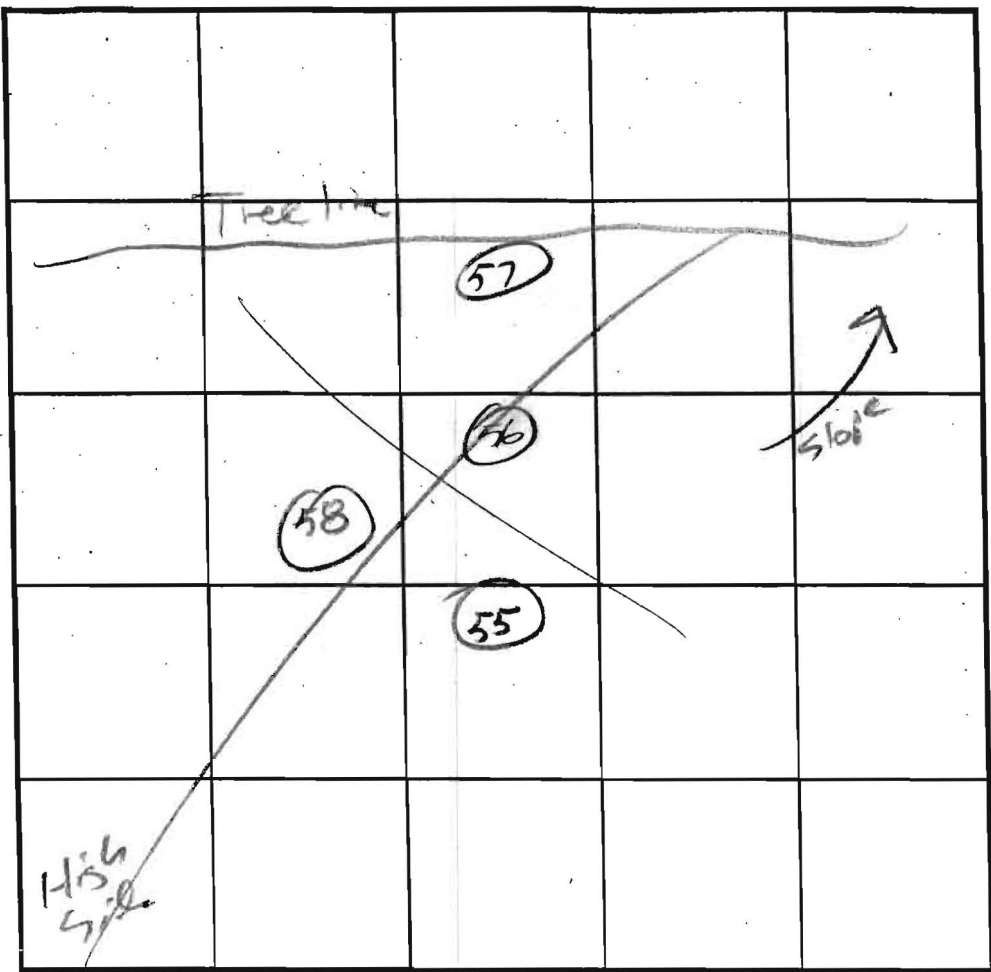
SOIL PROFILE

P-58

Heavy
Red Brown
CL 10-15%
↓ channels
silt frags
Dense
Red Brown
vert. massive
slw
15-20%
weak
spoil

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	
6/17/02	P-58	5 1/2	10:11:15	10:14:00	10:14:00	10:19:30	4 1/2
		8	10:11:45	10:19:00	10:19:00	10:40:00	21
		13					

OK
OK

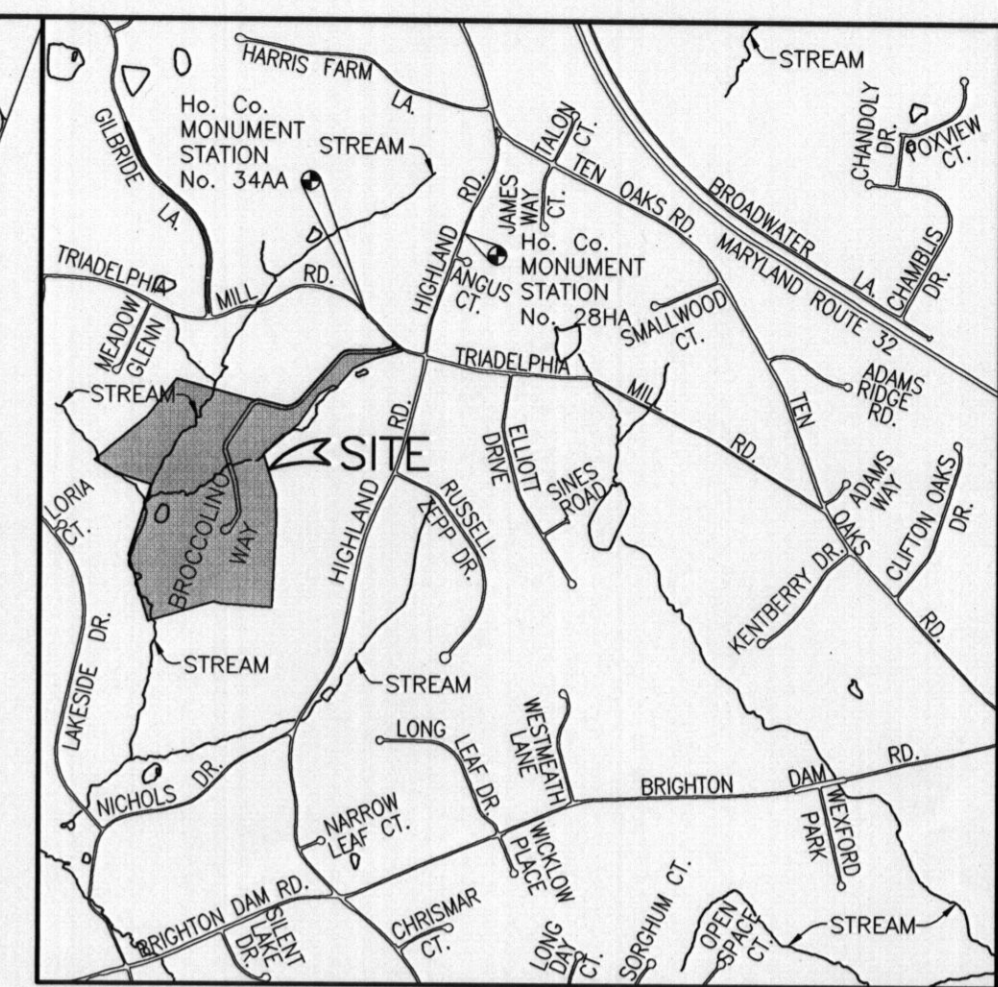
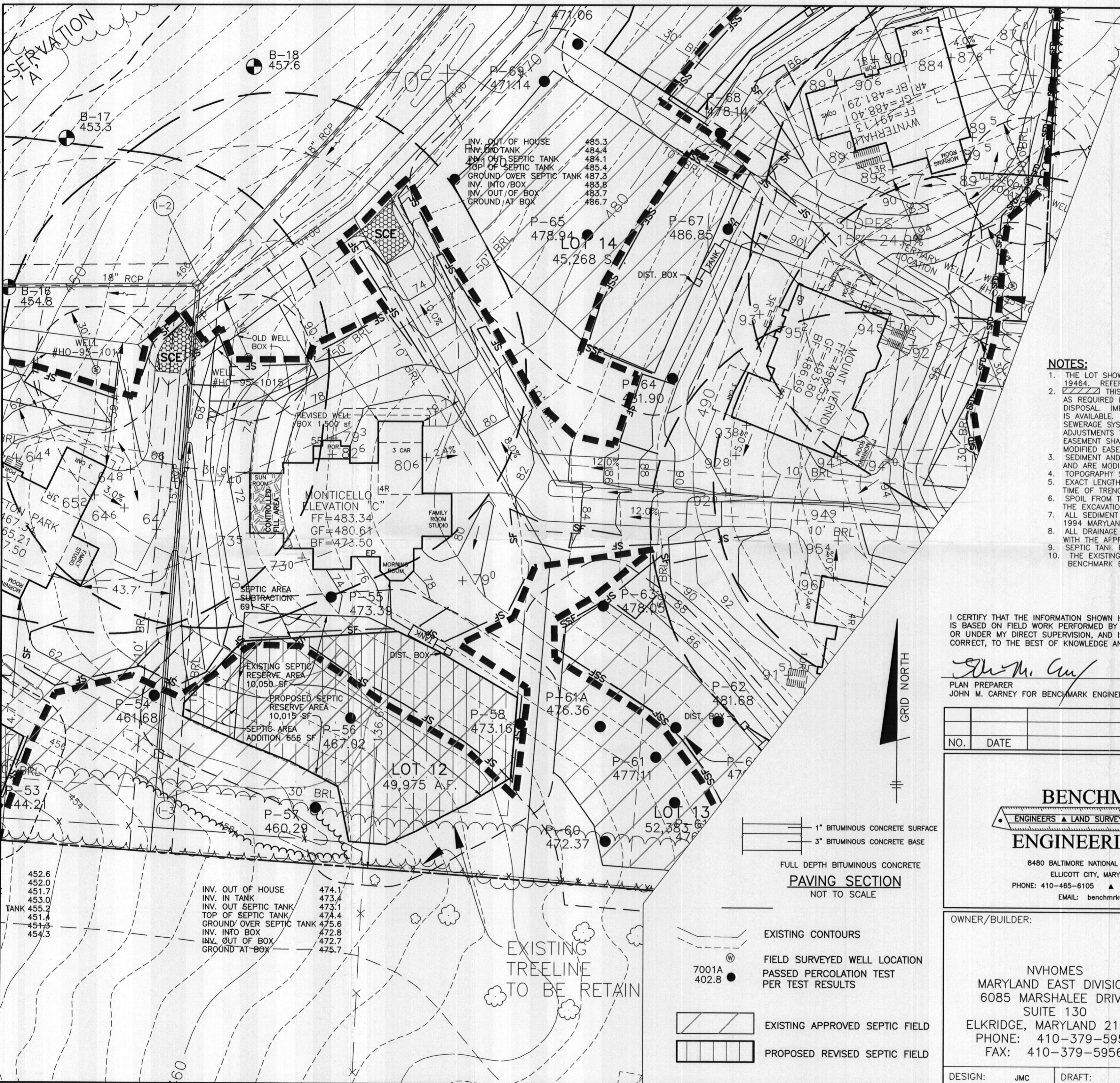
REMARKS _____

TYPE OF SOIL C₂ levels

TESTED BY J. Boris ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAN FOR BRIGHTON MILL, PLAT No. 19464. 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 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-95-1015, 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
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
Bryan for Peter Brilensen 2/24/09
 COUNTY HEALTH OFFICER DATE

NO.	DATE	REVISION

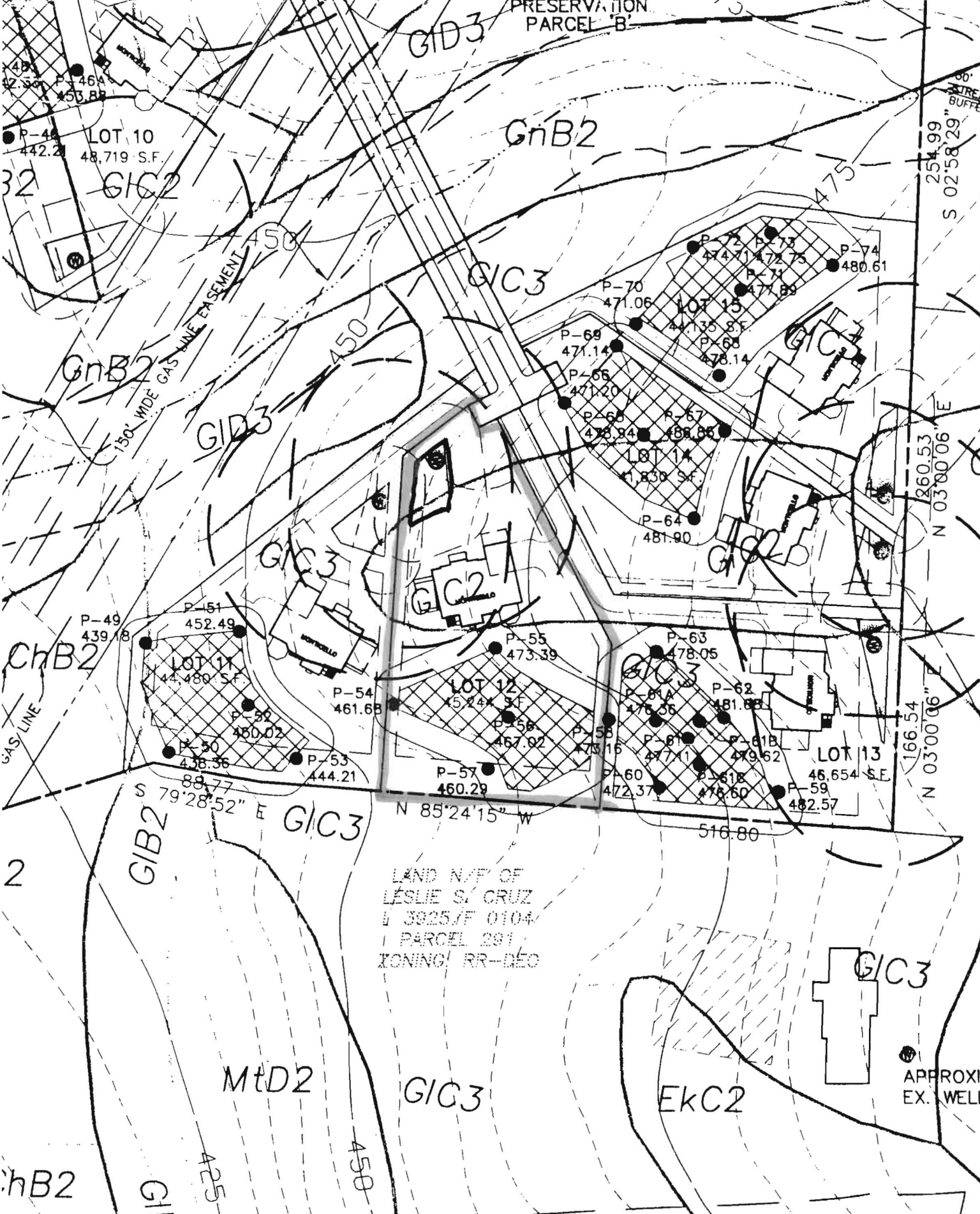
BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 ▲ FAX: 410-465-6644
 EMAIL: benchmrk@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 12**
 LOCATION:
 13595 BROCCOLINO WAY
 CLARKSVILLE, MD 21029
 TAX MAP No. 34 - BLOCK No. 9999 - PARCEL No. 2
 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 TITLE:
**REVISED PERCOLATION CERTIFICATION
 PLAN AND PERMIT PLAN**
 HOUSE TYPE:
**MONTICELLO
 ELEVATION "C"**
 DATE: DECEMBER, 2008 PROJECT NO. 2061
 FEBRUARY, 2009
 SCALE: 1" = 30' DRAWING 1 OF 1

DESIGN: JMC DRAFT: JMC



LAND N/F OF
 LESLIE S. CRUZ
 W 3925/F 0104
 PARCEL 291
 ZONING: RR-DEO

~PLAN'
 SCALE: 1" = 100'

PERC CERT PLAN 9/4/02