

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

PROPERTY LOCATION:

SUBDIVISION Curtis Property LOT NO. 6

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

0'
P-26
Heavy Brown CL
↓
Heavy Brown L
6
Heavy micaceous SL w/ 10-15% channery OT
10
White weathered Qtz frags
12 1/2

P-27

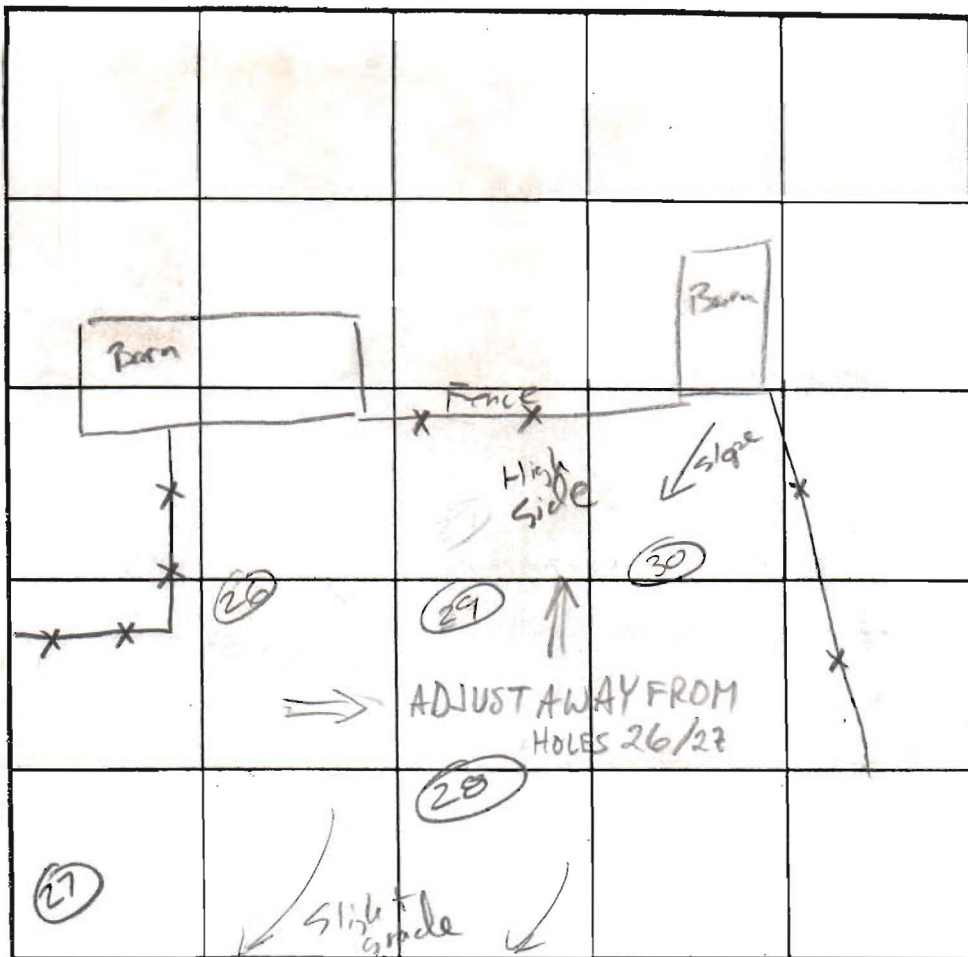
3
Heavy Brown CL
↓ 15% channery micaceous Brown L
micaceous red brown SL w/ 25% soil
Channery frags from 3-7'

P-28

3 1/2
Heavy Brown CL
↓
Brown L
Fine red brown micaceous SL w/ 25-30% channery frags from 8-10'

SOIL PROFILE

0'
P-29
Heavy Brown CL
↓
Brown L
3
Fine micaceous Brown SL w/ 10-15% channery frags & some firm soil.
12



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/18/02	P-26	4 1/2 12 1/2	10:56:00	12:00	P-Soak 230 min F-slow rate		F
		7 12 1/2	10:51:45	10:55:30	10:55:30	11:01:30	6
6/18/02	P-27	4 1/2 14	11:04:15	11:06:00	11:06:00	11:09:45	3:45 ok
7/25/02	P-27	6 1/2 T	11:11:15	11:12:45	11:12:45	11:15:00	2:15
6/18/02	P-28	4 1/2 13	10:41:00	10:43:45	10:43:45	10:49:15	5:30 ok
		6 13	10:41:15	10:42:30	10:42:30	10:46:15	4:15 ok
6/18/02	P-29	4 1/2 12	10:38:45	10:40:30	10:40:30	10:42:45	2:15 ok

REMARKS

Deep test @ 6 1/2' at hole #27

TYPE OF SOIL

Manor + Glenely

TESTED BY

J. Boris

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

3 1/2

TRENCH WIDTH

3

INLET DEPTH

3 1/2

MAXIMUM BOTTOM DEPTH

5

SO. FT./BEDROOM

180

13

APPLICATION

PERCOLATION TESTING

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

A _____
P _____
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 LOT NO. 6

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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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-30
 Heavy Brown
 L 4/15-20" Channery
frag
 2 1/2"
 Fine
 red brown
 SL
 4/10-15" Channery
frag &
 5-15" weak
 Saprolite

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

12 1/2"
P-31
 Brown CL
 10-15" Channery
 ↓
 red brown
 SCL
 3
 red brown
 micaceous
 SL 4/25-30" Channery
frag com
 5-8'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/18/02	P-30	4 1/2 12 1/2"	11:14:00	11:15:00	11:15:00	11:17:00	2	OK
6/18/02	P-31	4 1/2 13 1/2"	12:08:30	12:09:45	12:09:45	12:12:00	2:15	OK
		6 13 1/2"	12:09:15	12:10:45	12:10:45	12:13:00	2:15	

REMARKS

TYPE OF SOIL

Manor + Glenelg

TESTED BY

J. Bevis

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

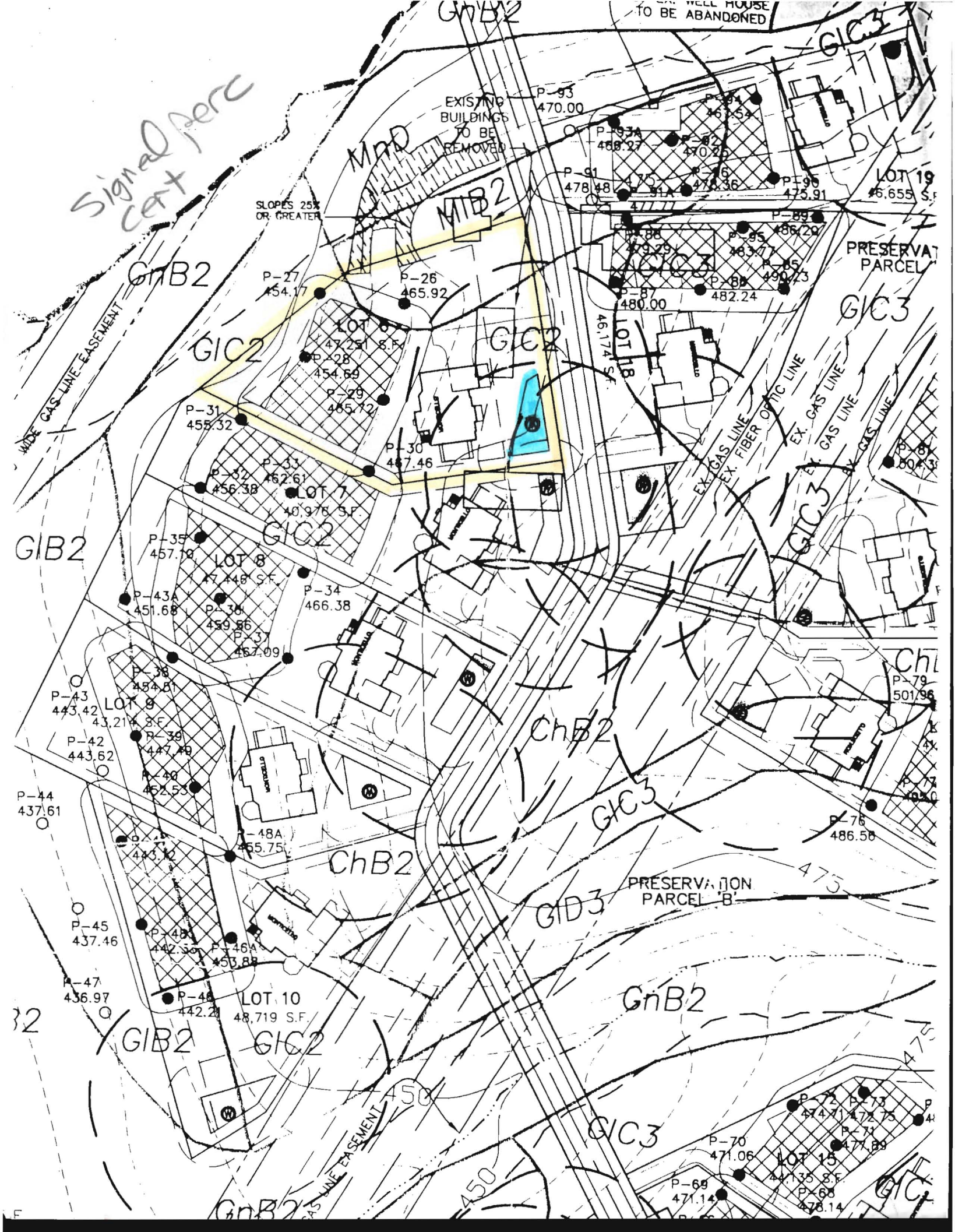
TRENCH WIDTH

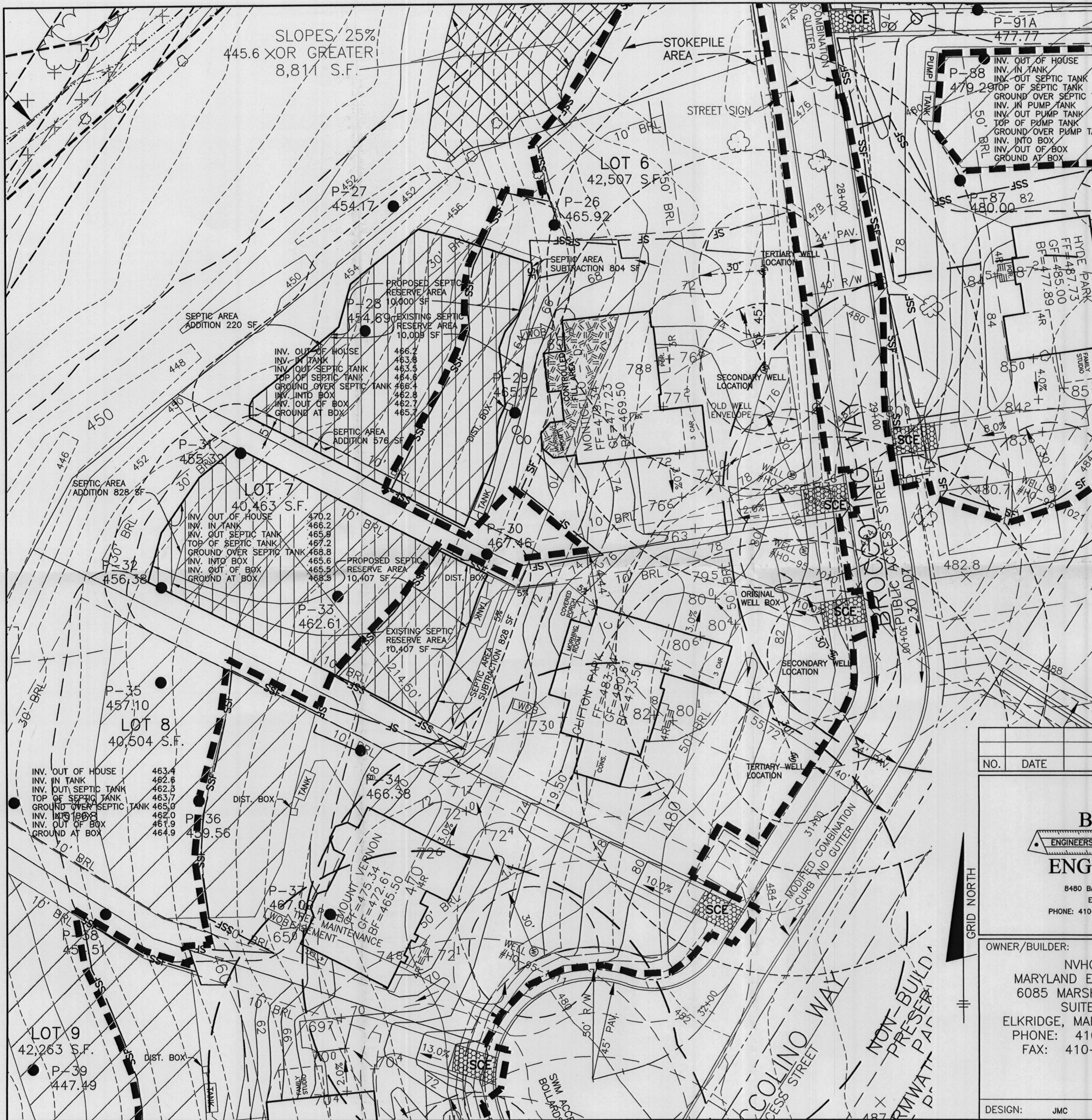
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

13 1/2"





SLOPES / 25%
445.6 XOR GREATER
8,811 S.F.

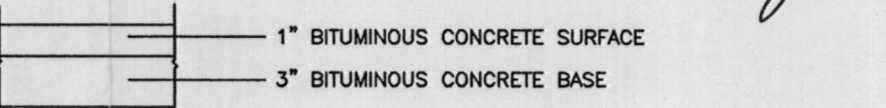
- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR BRIGHTON MILL, PLAT No. 19463. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
 2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR 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 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-95-1009, 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 9/21/08
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

William Peter Brilenson 9/25/2008
COUNTY HEALTH OFFICER
DATE



FULL DEPTH BITUMINOUS CONCRETE
PAVING SECTION
NOT TO SCALE

LEGEND

- EXISTING CONTOURS
- FIELD SURVEYED WELL LOCATION
- 7001A PASSED PERCOLATION TEST PER TEST RESULTS
- 402.8 ●
- 62-A FAILED PERCOLATION TEST PER TEST RESULTS
- 397.1 ○
- EXISTING APPROVED SEPTIC FIELD
- PROPOSED REVISED SEPTIC FIELD

NO.	DATE	REVISION

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

6480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 ▲ FAX: 410-465-6644
EMAIL: benchmrk@cais.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 6
LOCATION: 13570 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: MONTICELLO - D	DATE: JUNE 9, 2008 AUGUST 21, 2008
DESIGN: JMC	DRAFT: JMC
SCALE: 1" = 30'	PROJECT NO. 2061 DRAWING 1 OF 1