

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- ☐ CONSTRUCT NEW SEPTIC SYSTEM(S)
☐ REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
☐ REPLACE AN EXISTING SEPTIC SYSTEM

CHECK ONE:

- ☐ CREATE NEW LOT(S)
☐ BUILD ON AN EXISTING LOT IN A SUBDIVISION
☐ BUILD ON AN EXISTING PARCEL OF RECORD

THE TYPE OF STRUCTURE IS:

- ☐ RESIDENTIAL WITH PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
☐ COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)
☐ INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

CHECK AS NEEDED:

- ☐ NEW STRUCTURE(S)
☐ ADDITION TO AN EXISTING STRUCTURE
☐ REPLACE AN EXISTING STRUCTURE

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☐ YES
☐ NO

PROPERTY OWNER(S) Neshawat Prop

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE ☒ DEVELOPER ☐ BUILDER ☐ BUYER ☐ RELATIVE/FRIEND ☐ REALTOR ☐ CONSULTANT

PROPERTY LOCATION _____
SUBDIVISION NAME _____

PROPERTY ADDRESS _____
TO, FROM, OFFICE

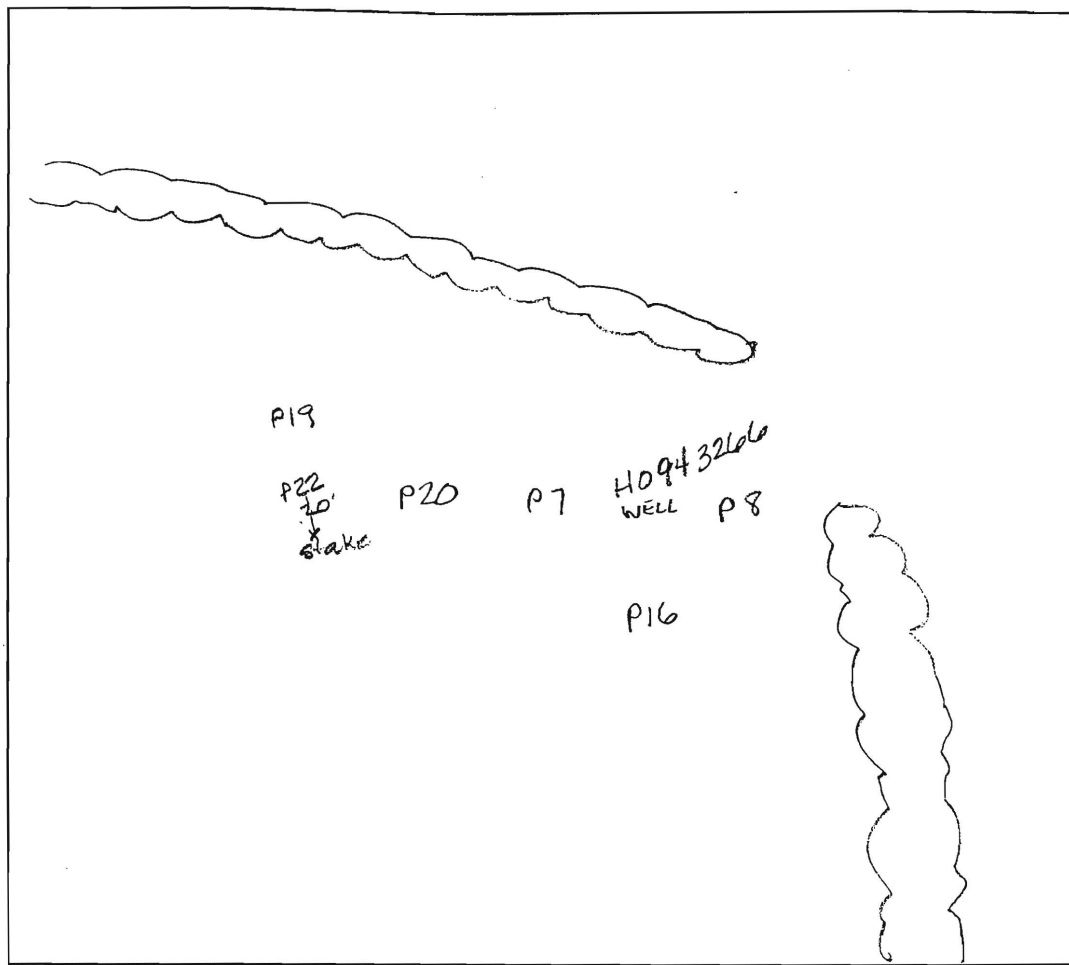
TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN. TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT _____

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P P22
 red
 brn
 CILM
 4 1/2' beigh
 Salm
 5%
 Rx
 caving
 @ 10 1/2'
 2' water



P7
 red
 brn
 CILM
 4 1/2' dark
 beige
 Salm
 13' water

P19
 orange
 brn
 CILM
 beige
 Salm
 5%
 Rx
 water
 @ 13'

P16
 red
 brn
 CILM
 3' beig
 Salm
 9' beige
 Salm

3 1/2' P20
 red brn
 CILM
 4' beig
 Salm
 3' dia.
 boulders
 few
 7' beige
 Salm
 < 5%
 Rx
 3 1/2'

13' P8
 red
 brn
 CILM
 4' bright
 red to
 pink
 Salm
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8-23-03	P22	5 1/2' / 12 1/2'	9:27	9:35	9:46	11min	P
	P19	5' / 13 1/2'	9:40	9:43	9:53	10min	P
	P20	5' / 13 1/2'	9:45	9:48	9:55	7min	P
	P7	5' / 13'	9:51	9:56	10:10	14min	P
	P16	3' / 13'	10:08	10:15	10:43	28min	P
		5 1/2' / 13'	10:08	10:11	10:16	5min	P
	P8	4 1/2' / 12'	10:15	10:26	10:45	19min	P

REMARKS P19 P22 dug @ 8:30 checked @ 12:00
 SANITARIAN Amy Haut BACKHOE Hatfield OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



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MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

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APPLICANT'S ROLE ☒ DEVELOPER ☐ BUILDER ☐ BUYER ☐ RELATIVE/FRIEND ☐ REALTOR ☐ CONSULTANT

PROPERTY LOCATION
SUBDIVISION NAME _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

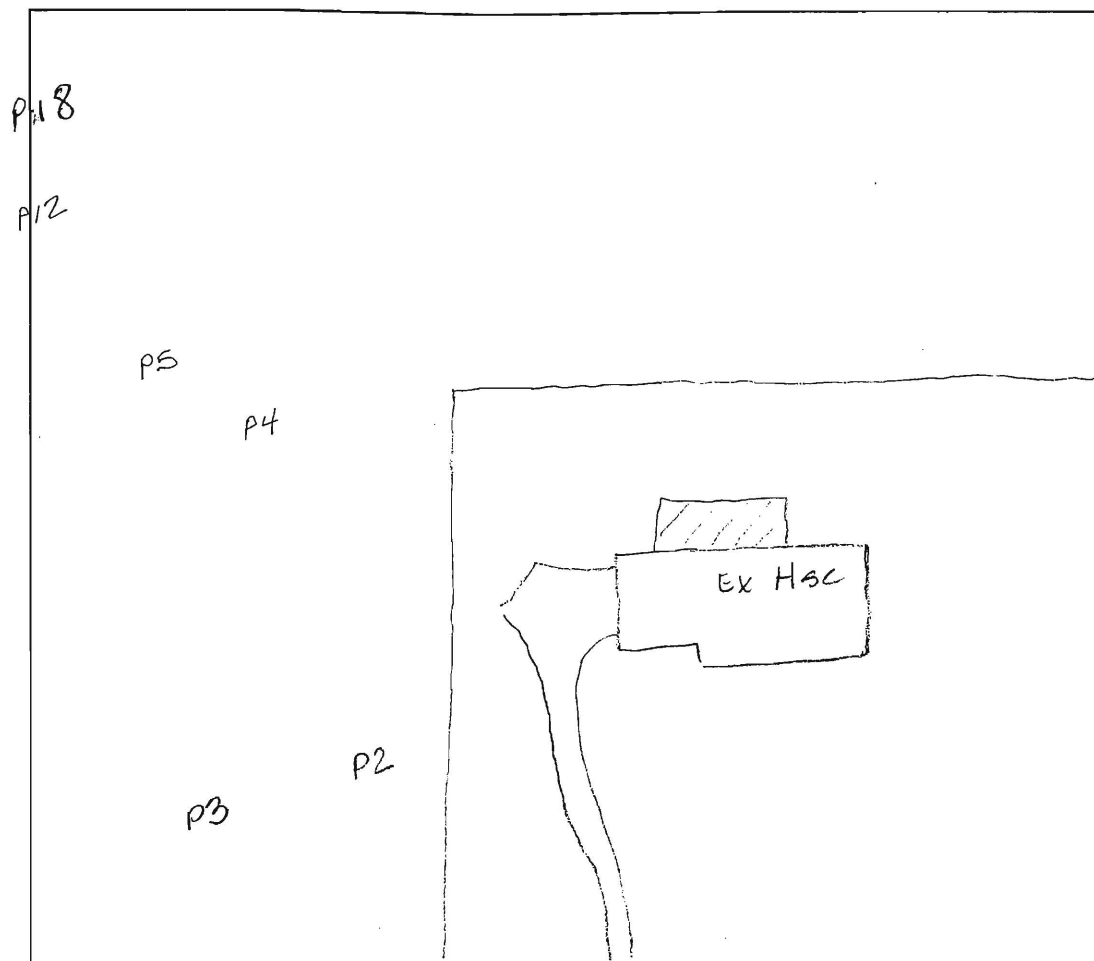
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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P P2
 1 1/2' 1st brn
 5' 5a cilm
 2' red brn
 5' 5i Lm
 1 1/2' beige
 5' 5a Lm
 <5%
 Rx
 13'
P3
 1 1/2' 1st brn
 5' 5a cilm
 2' red
 5' 5b Lm
 beige
 5' 5a Lm
 caving @
 8' 1/2'
 0 1/2' water
 3'
P4
 red
 3 1/2' brn
 cilm
 beige
 5' 5a Lm
 caving
 8 1/2' water
 @ 10'



P5
 red
 4' brn
 cilm
 beige
 5' 5a Lm
 water
 @ 9'
 caving
 @ 7'
 12 1/2'
P12/21
 red
 3 1/2' brn
 cilm
 beige
 5' 5a Lm
 caving
 @ 8'
 water
 @ 10'
 13'
P18
 red
 3' brn
 cilm
 beige
 5' 5a Lm

Burntwoods Rd

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8-23-03	P 2'	5' / 13'	7:55	8:06	8:18	12min	P
	P 3	5' / 13'	8:03	8:12	8:26	14min	F
	P 3	6 1/2' / 13'	8:02	8:12	8:26	14min	F
	P 4	4 1/2' / 11 1/2'	8:16	8:22	8:29	7min	P
	P 5	4 1/2' / 12 1/2'	8:20	8:23	8:28	5min	P
	P 12/21	4 1/2' / 13'	8:22	8:34	8:41	7min	F
	A 12/21	7' / 13'	8:21	8:30	8:36	6min	F
	P 18	3 1/2' / 13'	8:38	8:41	8:45	4min	P
	P 18	5 1/2' / 13'	8:38	8:41	8:45	4min	P

REMARKS

P2, P3, P4, P5 opened @ 7:00am checked @ 12:00

SANITARIAN

Amy Hart

BACKHOE

Hatfields

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

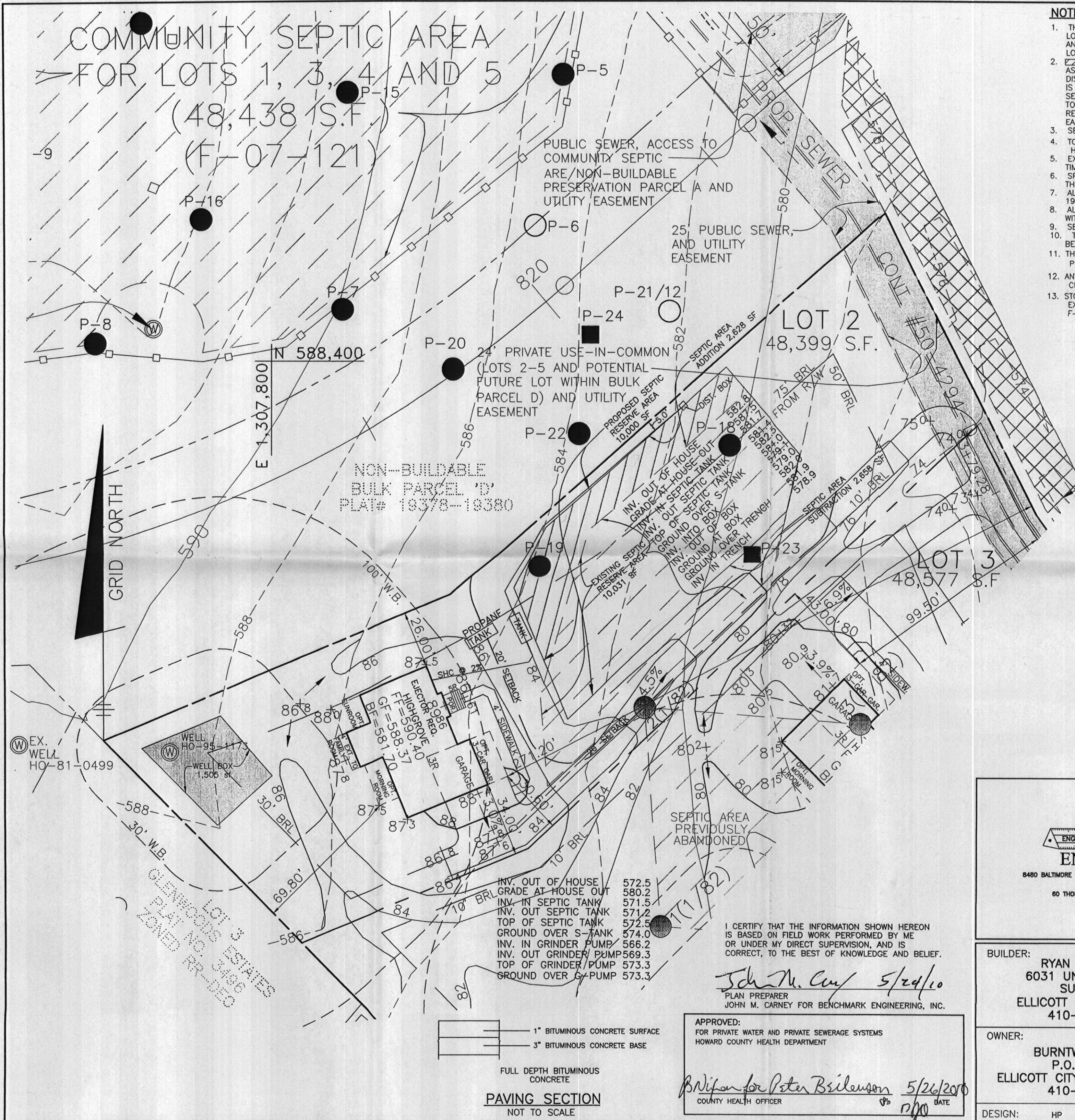
SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W



- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR NESHAWAT PROPERTY, SUBDIVISION LOTS 1 TO 5, NON-BUILDABLE PRESERVATION PARCELS A, B, E AND F, NON-BUILDABLE BULK PARCEL D AND BUILDABLE PRESERVATION PARCEL C, PLAT No. 19380. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
 2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET 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 SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
 3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT.
 4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND HAS BEEN FIELD VERIFIED BY BENCHMARK ENGINEERING INC., ON OR ABOUT NOVEMBER 2003.
 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-95-1173, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
 11. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
 12. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 13. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED IN FACILITY #1, MICRO-POOL WITH EXTENDED DETENTION POND, AS SHOWN ON THE FINAL ROAD CONSTRUCTION PLANS, F-07-121.

LEGEND

- EXISTING CONTOURS --- 999 ---
 --- 999 ---
- FIELD SURVEYED WELL LOCATION (W)
- EX. SEPTIC AREA [Hatched Box]
- EXISTING PUBLIC SEWER, WATER AND UTILITY EASEMENT [Solid Grey Box]
- PROP. SEPTIC AREA [Diagonal Lines Box]
- PROPOSED WELL BOX AREA [Solid Grey Box]
- EXIST. PERCOLATION TEST (PASS) [Solid Circle]
- EXIST. PERCOLATION TEST (FAIL) [Open Circle]
- PASSED PERC TEST DUG 8/23/03 [Solid Black Circle]
- FAILED PERC DUG 8/23/03 [Open Circle]
- PASSED PERC TEST DUG 10/14/03 [Solid Black Square]

<p align="center">BENCHMARK ENGINEERS • LAND SURVEYORS • PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE & SUITE 418 • ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644 60 THOMAS JOHNSON DRIVE & FREDERICK, MARYLAND 21702 (P) 301-371-3505 (F) 301-371-3506 WWW.BE-CVLENGINEERING.COM</p>		PROJECT: NESHAWAT PROPERTY LOT 2	
		LOCATION: 3314 SECRETARIAT WAY GLENWOOD, MD 21738 TAX MAP No. 21 - BLOCK Nos. 5 - PARCEL No. 138 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	
OWNER: BURNWOODS, L.L.C. P.O. BOX 417 ELLICOTT CITY, MD 21041-0417 410-465-4244		TITLE: REVISED PERCOLATION CERTIFICATION PLAN	
DESIGN: HP DRAFT: HP		HOUSE TYPE: HIGHGROVE	
DATE: MAY 24, 2010 PROJECT NO. 1662-RYAN		SCALE: 1" = 30' DRAWING 1 OF 1	

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 5/24/10
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

B. Wilson for Peter Brileuson 5/26/2010
COUNTY HEALTH OFFICER DATE

