



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

(A/P) 555287-1

AGENCY REVIEW: _____

DATE 10-24-14

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 AS NEEDED:

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

CHECK ONE:

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

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown 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)

PROPERTY OWNER(S) Betty Jean Curtis

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 13471 Triadelphia Mill Rd Clarksville MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT Richard Demmitt Highland Development Corp

DAYTIME PHONE 410-365-0414 CELL _____ FAX _____

MAILING ADDRESS P.O. Box 228 Clarksville MD 21029
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Brighton Mill Phase II LOT NO. 50

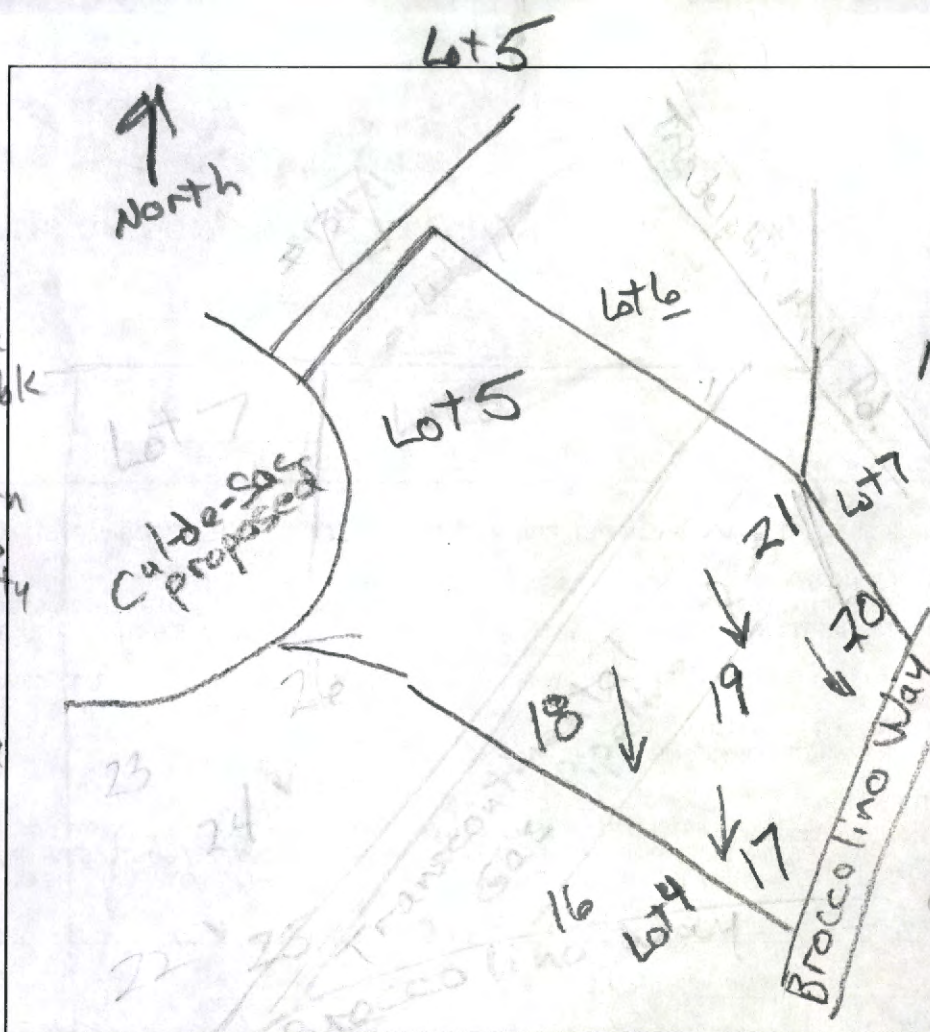
PROPERTY ADDRESS Broccolino Way
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 2 PARCEL(S) 16 PROPOSED LOT SIZE 1 Ac. ±

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE 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
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



(21)
 dk brn L 2fsbk
 0.7' yel-brn L com. mica 2fsbk
 1.8' red sl, 1msbk com. mica
 3' red & yel-brn ls, micaceous wk medium platy
 7.5' yel-brn ls micaceous wk, medium platy
 12.5'

(20)
 dk brn L 2fsbk
 0.8' red-brn sl to brn sl 7msbk common mica
 1.8' red & pale brn ls, micaceous
 13.5'

(19)
 0.8' dk brn L, 2fsbk
 1.2' yel-brn L, 2msbk
 1.9' yel-red sl, 1msbk 10% channels
 1.9' red & red-yel ls, wk medium platy m2p (black) p3p (white)
 13'

(17)
 dk brn L 2fsbk
 0.5' red & yel-brn sl moderate medium platy
 1.8' common mica
 red & yel-brn ls, micaceous wk medium platy large inclusion white ls
 w/coarse mica & channels (1.8' - 2.5')

(18)
 dk brn L 2fsbk
 0.8' yel-brn L 2msbk
 1.5' brn-yel fs 2msbk (2p black)
 3.7' red & yel-brn ls, micaceous wk medium platy
 13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/14/15	21	4.7' / 25'	11:21	11:23	11:27	4	P
1/14/15	20	4.3' / 135'	11:32	11:34	11:39	5	P
1/14/15	19	13'	Visual	sidewall 1.2 gpd / ft ²	-8'		P
1/14/15	17	3.5' / 13'	11:54	11:56	12:00	4	P
1/14/15	18	4.3' / 13'	12:03	12:06	12:11	5	P

RECEIVED

OCT 24 2014

REMARKS _____
 SANITARIAN R. Bricker BACKHOE Jeff Allen OTHERS L. Demmitt
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
 www.hchealth.org
 Facebook: www.facebook.com/hocohealth
 Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: Curtis Vista Way

Subdivision: Brighton Mill II Phase 2 Lot: ~~5~~ 8

Initial system: Application rate: 1.2 Effective area beginning depth: 3.5 Bottom maximum depth: 6
 1st Replacement: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 6
 2nd Replacement: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 6

Design Flow = 150 gallons per day per bedroom

Design flow + application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage + trench width

Sidewall reduction credit formula:

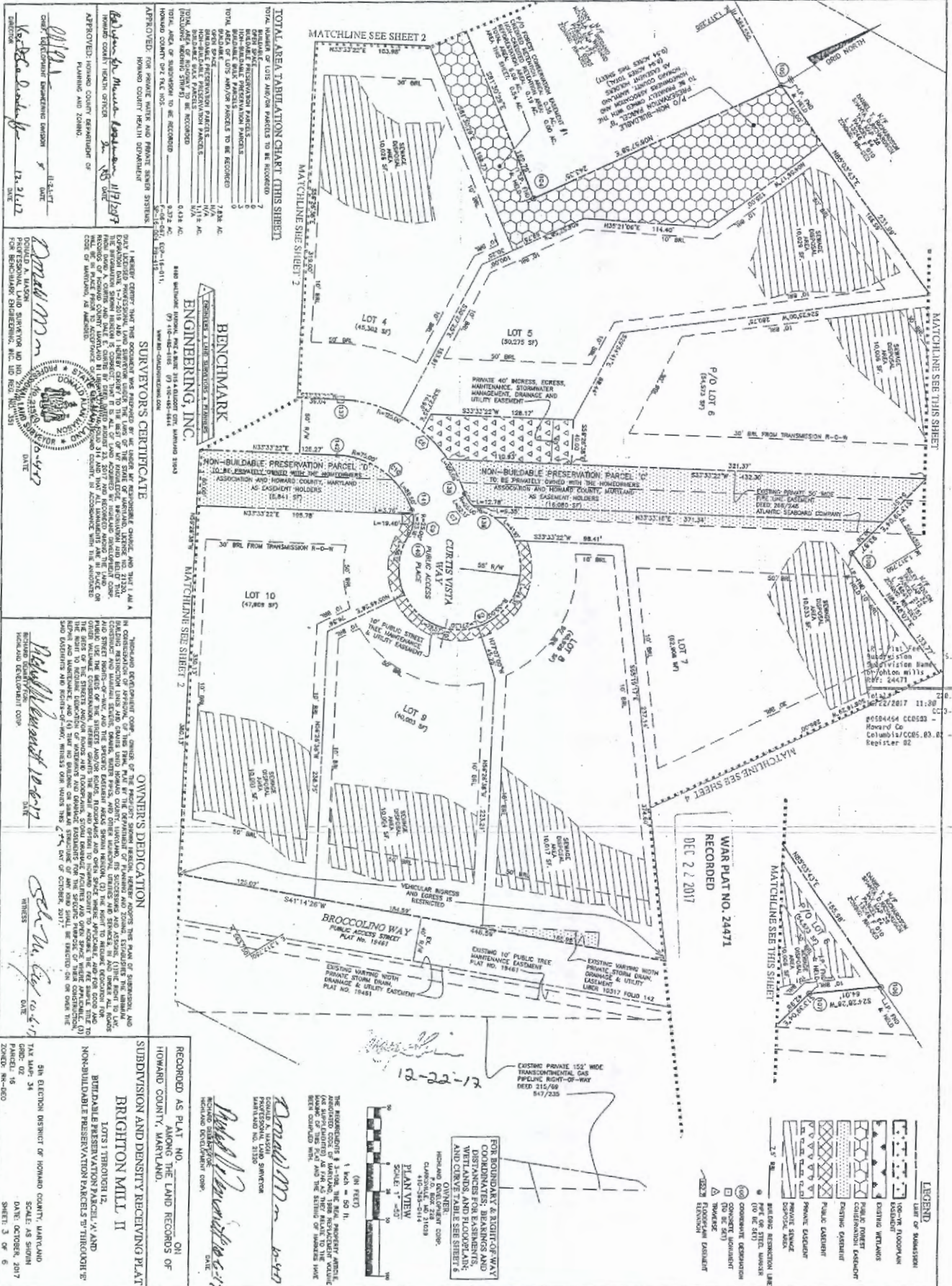
$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements: ~~BAT UNIT~~
Basement may not sewer by gravity

Approved: R. Bueler Date: 4/23/15



TOTAL AREA TABULATION CHART (THIS SHEET)

TOTAL AREA	12.31 AC
RESERVED FOR PUBLIC USE	0.00 AC
RESERVED FOR PRIVATE USE	0.00 AC
RESERVED FOR OPEN SPACE	0.00 AC
RESERVED FOR PARKS	0.00 AC
RESERVED FOR RECREATION	0.00 AC
RESERVED FOR OTHER PURPOSES	0.00 AC
TOTAL AREA OF LOTS AND PARCELS TO BE RECORDED	12.31 AC
TOTAL AREA OF LOTS AND PARCELS TO BE RECORDED (INCLUDING RESERVED AREAS)	12.31 AC

APPROVED FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 DATE: 11/19/2017

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 HOWARD COUNTY HEALTH DEPARTMENT
 DATE: 12/21/17

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MSA C2125-5931-3

F-17-054

RECORDED AS PLAT NO. 24471
 AMONG THE LAND RECORDS OF
 HOWARD COUNTY, MARYLAND.

SUBDIVISION AND DENSITY RECEIVING PLAT
 BRIGHTON MILL II
 LOTS 1 THROUGH 12
 NON-BUILDABLE PRESERVATION PARCELS X AND
 NON-BUILDABLE PRESERVATION PARCELS Y THROUGH Z

FOR BOUNDARY & RIGHT-OF-WAY
 COORDINATES, BEARINGS AND
 VERTICAL CURVES AND BLOCKS
 AND CURVE TABLES SEE SHEET 5

LEGEND
 BOUNDARY & RIGHT-OF-WAY
 CONCRETE IMPROVEMENT
 TRAVELWAY
 EXISTING EASEMENT
 EXISTING EASEMENT

FOR BOUNDARY & RIGHT-OF-WAY
 COORDINATES, BEARINGS AND
 VERTICAL CURVES AND BLOCKS
 AND CURVE TABLES SEE SHEET 5

FOR BOUNDARY & RIGHT-OF-WAY
 COORDINATES, BEARINGS AND
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