

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 555287-H

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. 96

PROPERTY ADDRESS Broccolino Way  
STREET TOWN/POST OFFICE

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

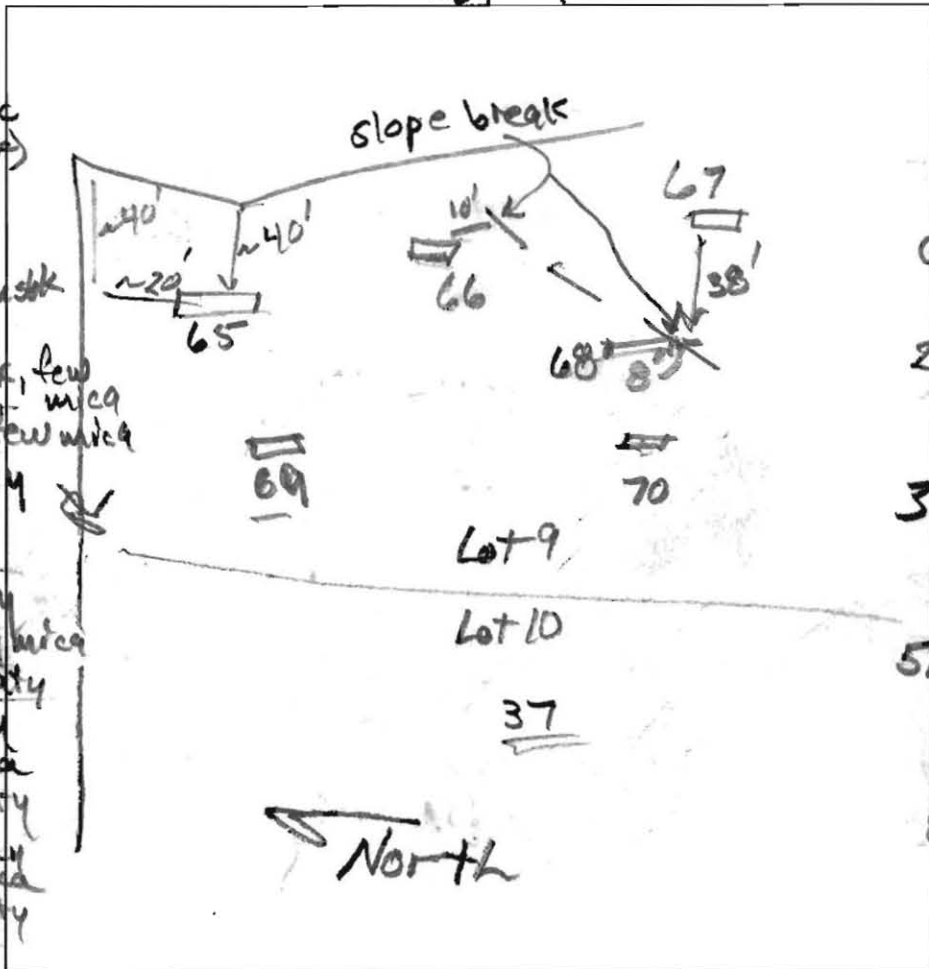
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. 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

Lot 9

AVP



(65)  
 0.1' dk brn, sapric  
 (lo part)  
 0.1' yel-brn sil  
 1.5' sbk  
 0.7' red-brn L, 2msbk  
 few mica  
 1.9' brn L, 1msbk, few mica  
 3.2' yel-red sl, few mica  
 mod. thick platy  
 #3d (olive)  
 4' red & lt grey  
 chls, many mica  
 wk, thin platy  
 6' brn ls, many mica  
 wk, thin platy  
 12' brn fls, many mica  
 mod. thick platy  
 12.5'

(67)  
 0.1' dk brn, sapric  
 dk brn L  
 2.5' sbk  
 0.5' brn L,  
 mod. thick platy  
 0.9' red-brn L  
 wk, thick platy  
 2.2' brn sl  
 mod. thin platy  
 many coarse mica  
 3.1' red & yellow  
 ls, wk, thin  
 platy  
 many mica  
 5.5' red & lt grey  
 ls, many mica  
 wk thin platy  
 8' red ls  
 wk thin platy  
 many mica  
 12'

(66)  
 0.1' dk brn, sapric  
 yel-brn sil  
 1.5' sbk  
 0.6' brn L, few mica  
 mod. thick platy  
 2.5' red-brn sl  
 1msbk common mica  
 3' red & yellow  
 chls, many mica  
 blk coatings  
 wk thin platy  
 4' red & lt grey  
 chls, many mica  
 wk thin platy  
 7.4' red ls, many mica  
 12.5' wk, thin platy

(68)  
 0.1' dk brn, sapric  
 dk brn L, 1.5' sbk  
 yel-brn chls, 1.5' sbk  
 0.8' red-brn chls  
 wk, thick platy  
 1.8' red-brn  
 vch L, 0.8m  
 3' red-brn chls  
 mod. thick platy  
 C2d (blk)  
 common mica  
 7.4' red & lt grey  
 ls, many mica  
 wk, thin platy  
 12'

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	P/F/H
1/10/15	65	5.5' / 12.5'	10:24	10:25	10:28	3	P
1/16/15	66	5.5' / 12.5'	10:46	10:47	10:50	3	P
1/16/15	67	4.5' / 12'	11:09	11:11	11:14	3	P
1/16/15	68	4.5' / 12'	11:23	11:28	11:38	10	P

REMARKS alt-plan  
 SANITARIAN R. Bricker BACKHOE Jeff Allen OTHERS R. De  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

RECEIVED  
 OCT 24 1974

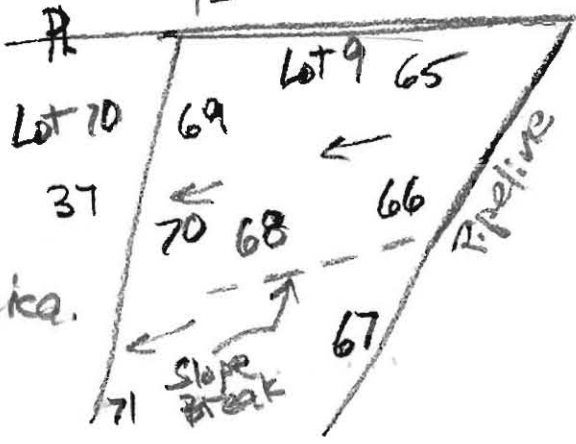
70



Lot 9

Philadelphia Mill Rd

#13557



**69**  
 dk brn, sapric  
 dk brn L, 1 f sbk  
 yel-brn  
 vch L, 1 f sbk  
 0.9' red-brn L  
 2msbk  
 many roots  
 1.8' red brn vch L  
 wk thick platy  
 2.4' red brn sl  
 med thin platy

0.6' dk brn, sapric  
 dk brn, 2 f sbk  
 1' brn L, 2msbk  
 1' brn, few  
 stones  
 wk thick platy  
 2.2' red-brn  
 & pale brn  
 fsl, strong  
 few thin  
 mica platy

**3'** chipping, many c. mica.  
 yel-brn sl  
 mod. thin platy  
 common mica  
 (few coarse mica)

3.5' pale brn  
 fsl, & m  
 dense  
 5.5' red-yel  
 chls, & m  
 few mica

6' pale brn  
 chls, many  
 mica  
 wk thin platy  
 9.5' brn chls  
 wk thin platy  
 many mica  
 common c. mica  
 12'

7.5' lt. brn ls  
 wk thin platy  
 common mica  
 11.2' grey-brn  
 chls  
 wk thin platy  
 13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/16/15	69	5' / 12'	11:41	11:46	11:55	9	P
1/16/15	70	13'	Visual		sidewall	5.5' top	P
					0.6' gpd	12'	

REMARKS Test locations off plan to avoid conflict with discovered well.  
 SANITARIAN R. Bricker BACKHOE Jeff Allen OTHERS R. Demmitt  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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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 Lot: 96

Initial system: Application rate: 1.2 Effective area beginning depth: 3 Bottom maximum depth: 6  
 1<sup>st</sup> Replacement: Application rate: 1.2 Effective area beginning depth: 3 Bottom maximum depth: 6  
 2<sup>nd</sup> Replacement: Application rate: 0.8 Effective area beginning depth: 3 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:

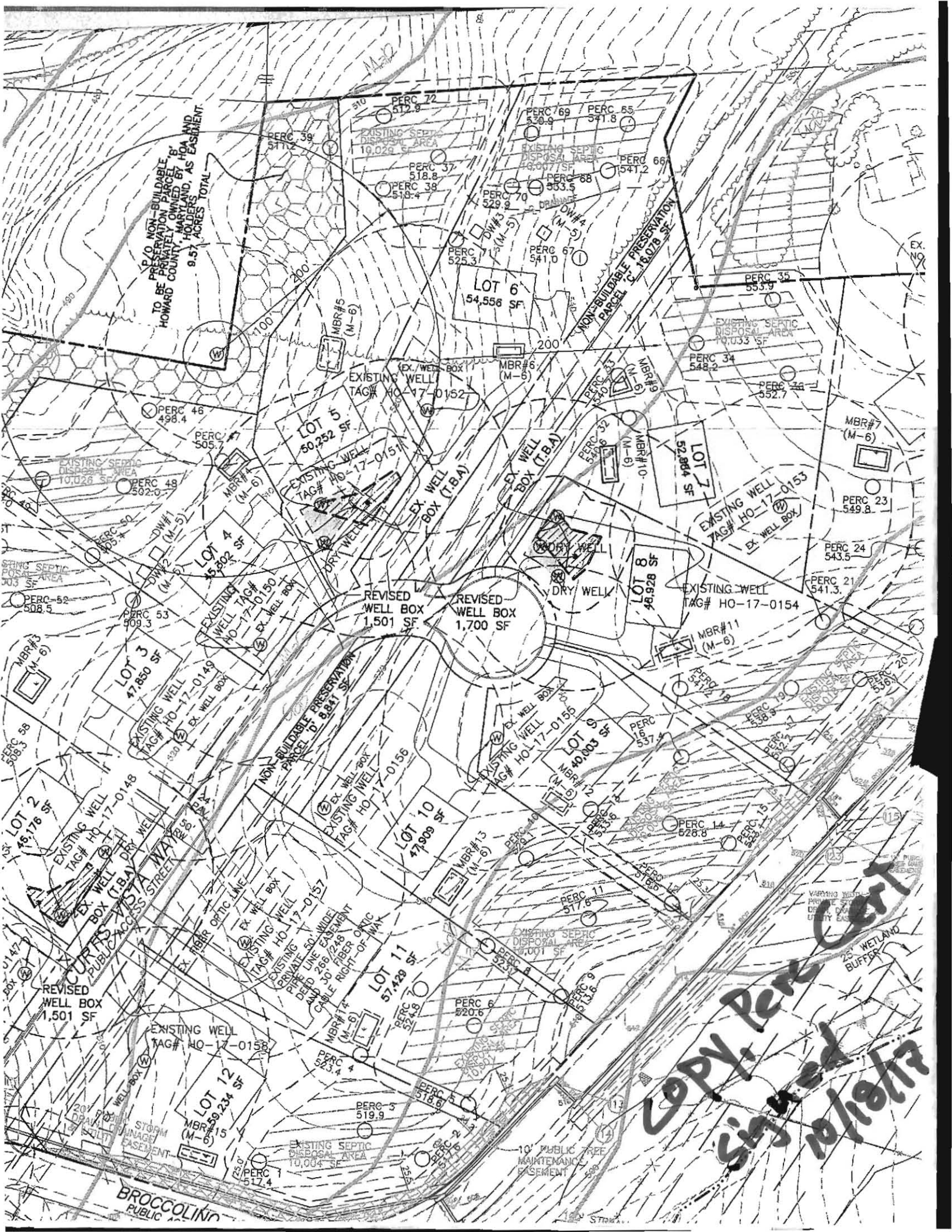
- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula 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. Pump to distribution required.  
Low pressure distribution recommended.

Approved: [Signature] Date: 4/23/15





P/O NON-BUILDABLE  
PRESERVATION PLUSCEL  
TO BE PRIVATELY OWNED BY  
HOWARD COUNTY, MARYLAND, BY HOA AND  
HOLDERS, AS EASEMENT  
9.57 ACRES TOTAL

BROCCOLINO  
PUBLIC

COPY PERM  
SIGNED  
10/10/17