

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 555287-K

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. 123

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

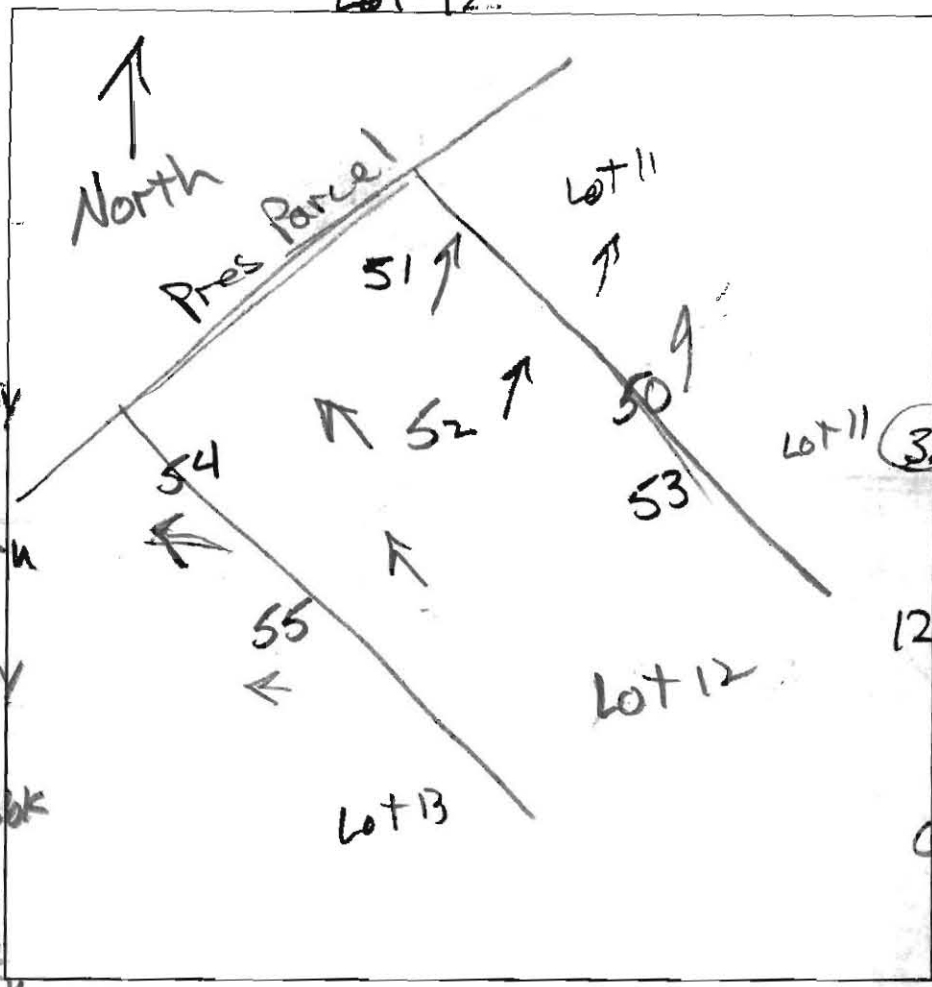
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Lot 12

52

55  
dk brn L  
1 fskbk  
0.6'  
brn L  
2msbk  
2'  
red sl  
wk. thick platy  
many mica  
p2d (blk)  
3.3'  
red & pale brn  
ls, many  
mica  
wk thin platy  
12.5'

54  
dk brn L, fskbk  
0.6'  
brn L, few  
mod. thick mica  
platy  
1.1'  
red sl  
mod. thin platy  
com. mica  
mzp (blk)  
2.8'  
pale brn chsl  
mod. thin platy  
3.4'  
red & pale brn  
ls, many  
mica  
wk. thin platy  
com. Mn. concretions  
12.5'



dk brn L  
1 fskbk  
0.6'  
brn L, 2msbk  
1'  
red sl  
mod. thin platy  
to mod. thick  
platy  
few mica  
p2d (blk)  
3.9'  
yel-red & dk brn  
ls, many mica  
wk, med. thin platy  
few channers  
12'

51  
dk brn L, 1 fskbk  
dk brn & brn L  
0.7'  
brn L, 2msbk  
1.5'  
few mica  
brn sl, com.  
wk thick platy  
3.0'  
yel-red & pale brn  
ls, wk. thick platy  
many mica  
few Mn conc.

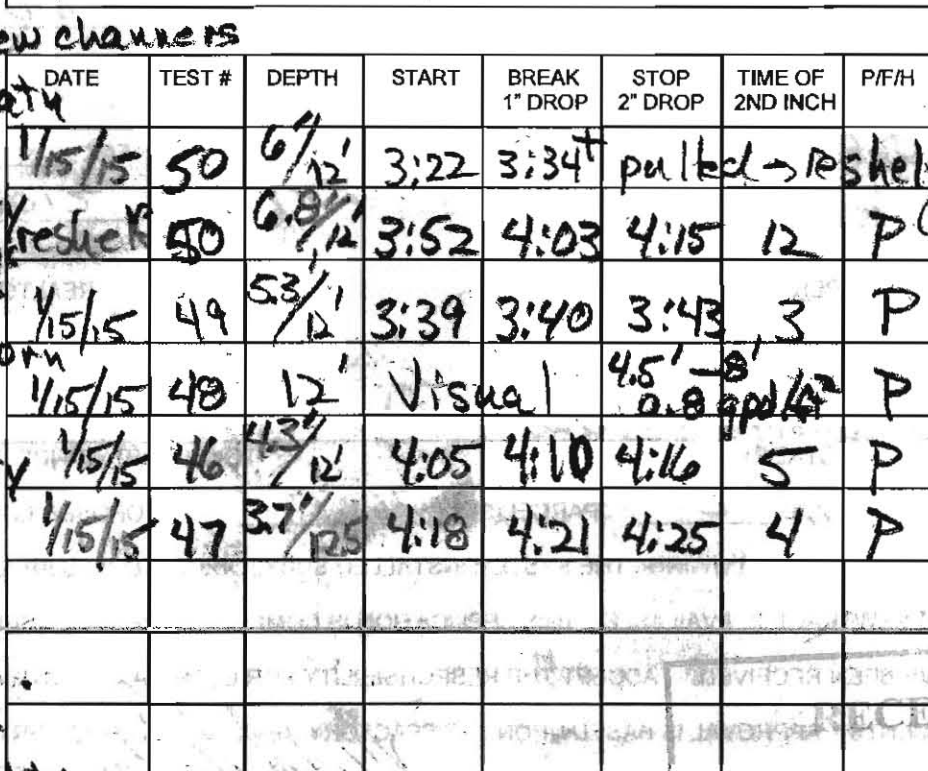
53  
dk brn L  
1 fskbk  
0.7'  
brn L, 2msbk  
1.5'  
brn sl, com.  
mod. fine  
thick platy  
2.4'  
yel-red ls  
wk, dense  
2.9'  
dk brn, pale brn  
& yel-red ls  
many mica  
wk thin  
platy  
13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/B/H
4/15/15	55	4.5'/12.5'	2:25	2:27	2:30	3	P
4/15/15	54	5'/12.5'	2:37	2:40	2:44	4	P
4/15/15	52	12'	Visual	sidewall	4' to 8'	1.2 gpd	P
4/15/15	51	4.3'/12'	3:02	3:05	3:09	4	P
4/15/15	53	4.3'/13'	3:11	3:20	3:38	18	P

## REMARKS

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 SW 13'

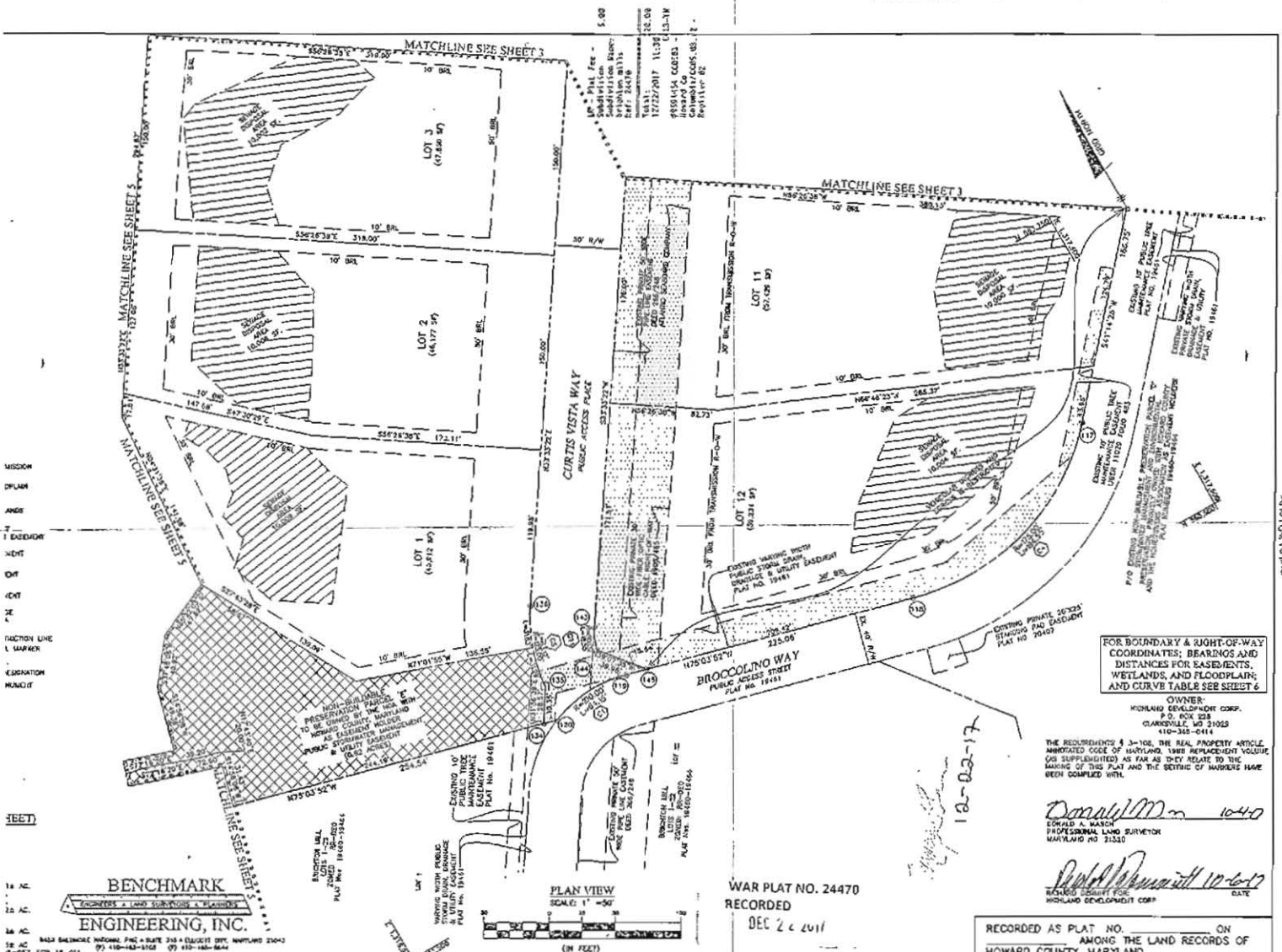
	47	dk brn L
		2 w/s bk
0.3		brn L, 2 w/s bk
0.7		brn L, mod
		thick p
1.2		brn H/s
		mod, thick pl
		m 2 p (hik)
5		red brn dk
		l/s wk, thin



46  
dk brn L  
2 ssbk  
0.7 brn L 2 ssbk  
12 brn L (few)  
mod. thick platy  
1.8 brn sl, com.  
mod. thick platy  
e. blk coatings  
3.4 red & brn L  
many mka  
wk thin platy  
12

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/15/15	50	6' 1/2	3:22	3:34	pulled → 10	shel	
1/15/15	50	6' 8 1/2	3:52	4:03	4:15	12	P
1/15/15	49	53' 1/2	3:39	3:40	3:43	3	P
1/15/15	48	12'	Visual		4.5' - 8'		P
1/15/15	46	43' 1/2	4:05	4:10	4:16	5	P
1/15/15	47	37' 1/2	4:18	4:21	4:25	4	P

REMARKS Mn. concretions throughout solum and subsoil in all profiles  
 SANITARIAN R. Bricker BACKHOE Jeff Allen OTHERS R. Demmitt  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH brn. many mica INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SWL \_\_\_\_\_  
platy & red ls, wk thin platy, many mica in 5'



**BENCHMARK ENGINEERING, INC.**  
1400 BALTIMORE BOULEVARD, SUITE 210 • BALTIMORE, MD 21204  
(410) 483-1518 • (410) 483-1519 • (410) 483-1520  
WWW.BENCHMARKENGINEERING.COM

**SURVEYOR'S CERTIFICATE**  
I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21320, EXPIRATION DATE 1-7-2019 AND I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF LAND ACQUIRED BY HIGHLAND DEVELOPMENT CORP. FROM DONALD A. NASON AND DALE E. CURTIS BY DEED DATED AUGUST 23, 2017 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN DEED BOOK 2114 AND THAT ALL INSTRUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THIS SUBDIVISION AND DENSITY RECEIVING PLAT IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

*Donald M. Nason* 10-4-17  
DONALD A. NASON  
PROFESSIONAL LAND SURVEYOR NO. 21320  
FOR BENCHMARK ENGINEERING, INC. NO. REG. NO. 351

**OWNER'S DEDICATION**  
"HIGHLAND DEVELOPMENT CORP., OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS PLAN BY THE COMMISSION OF PLANNING AND ZONING, ESTABLISHES THE UNPAID BUILDING RESTRICTION LINES AND GRANTS INTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAIN AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITHIN OUR HANDS THIS 6<sup>TH</sup> DAY OF OCTOBER, 2017."

*Richard A. Nason* 10-6-17  
RICHARD A. NASON  
HIGHLAND DEVELOPMENT CORP.

*John M. City* 10-6-17  
JOHN M. CITY  
WITNESS

RECORDED AS PLAT NO. \_\_\_\_\_ ON \_\_\_\_\_ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**SUBDIVISION AND DENSITY RECEIVING PLAT**  
**BRIGHTON MILL II**  
LOTS 1 THROUGH 12,  
BUILDABLE PRESERVATION PARCEL 'A' AND  
NON-BUILDABLE PRESERVATION PARCELS 'B' THROUGH 'E'

5TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND  
TAX MAP: 34  
GRID: 02  
PARCELS: 14  
ZONED: RA-DEO

SCALE: AS SHOWN  
DATE: OCTOBER 2017  
SHEET: 2 OF 6

5073616130

12-02-17

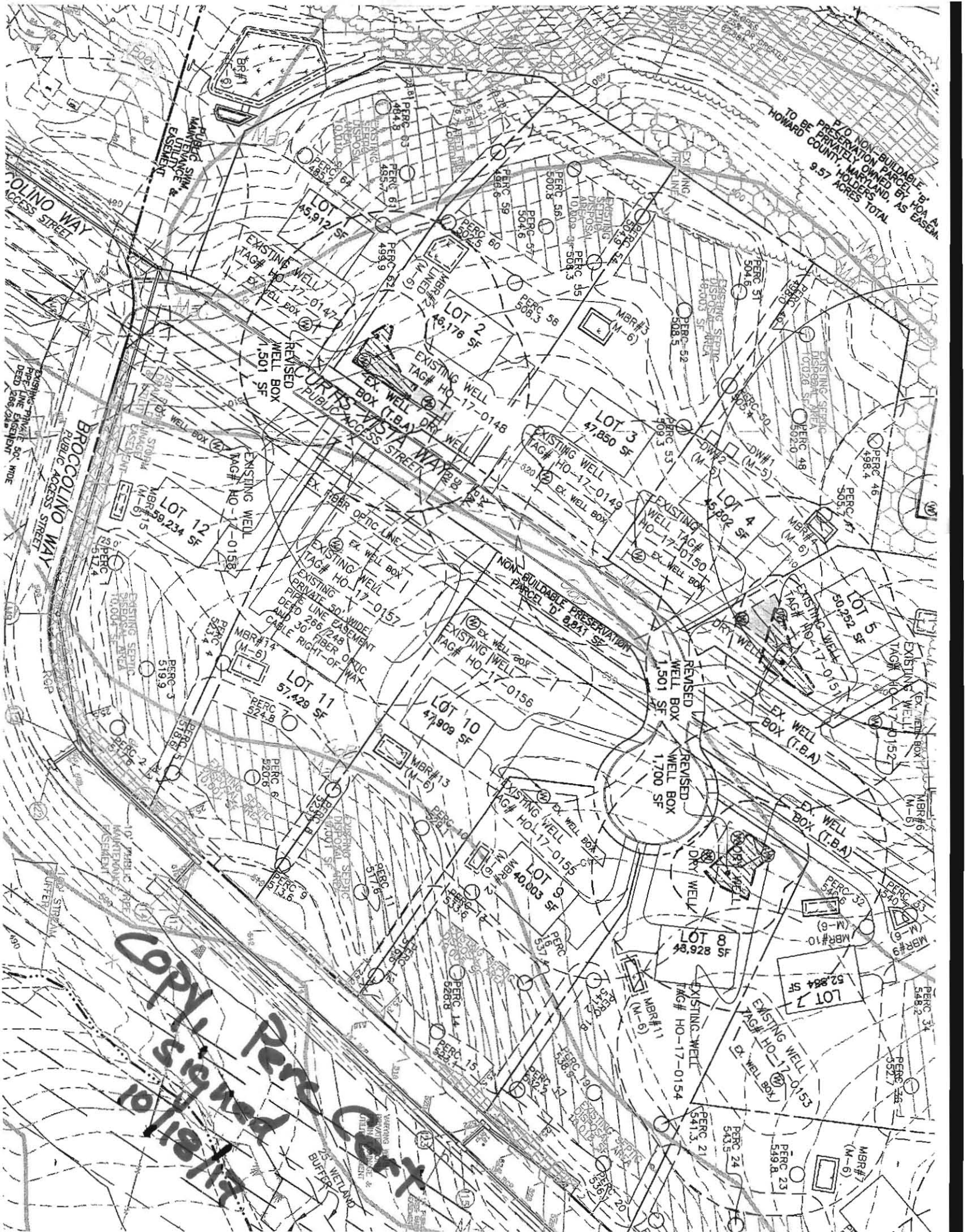
WAR PLAT NO. 24470  
RECORDED  
DEC 26 2017

2024703

F-17-054  
MSA C2125-5931-2



P/O NON-BUILDABLE  
PRESERVATION PARCEL 'B' HOA A  
TO BE PRIVATELY OWNED BY  
HOWARD COUNTY, MARYLAND, AS EASEMENT  
9.57 ACRES TOTAL



COPY - Not for Construction