

Bureau of Environmental Health  
 7178 Gateway Drive Columbia, MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

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

**APPLICATION  
 FOR PERCOLATION TESTING AND SITE EVALUATION**

A555278-B

**PROPERTY LOCATION**

SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT # 3

PROPERTY ADDRESS 13880 Old Frederick Road  
STREET TOWN ZIP

TAX ACCOUNT # 321448 TAX MAP 9 GRID 7 PARCEL 117 ZONING DESIGNATION rc-deo

PROPERTY OWNER(S) Robert Hill & Marlene Dukehart

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ EMAIL \_\_\_\_\_

MAILING ADDRESS 13880 Old Frederick Road Sykesville, Md 21784  
STREET CITY, STATE ZIP

APPLICANT Joe Hill RELATIONSHIP TO OWNER: Uncle

DAYTIME PHONE \_\_\_\_\_ CELL 443-250-5975 EMAIL jhill@lawyerstrusttitle.com

MAILING ADDRESS 13880 OLD FREDERICK RD SYKESVILLE MD 21784  
STREET CITY, STATE ZIP

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

**BUILDING:**

- RESIDENTIAL WITH 4 or 5 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
- COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

**PROPERTY:**

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: 4
- CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
- REPAIR OR REPLACE FAILING OSDS
- UPGRADE EXISTING OSDS

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- YES
- NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

[Signature] 10/15/2014  
 SIGNATURE OF APPLICANT DATE

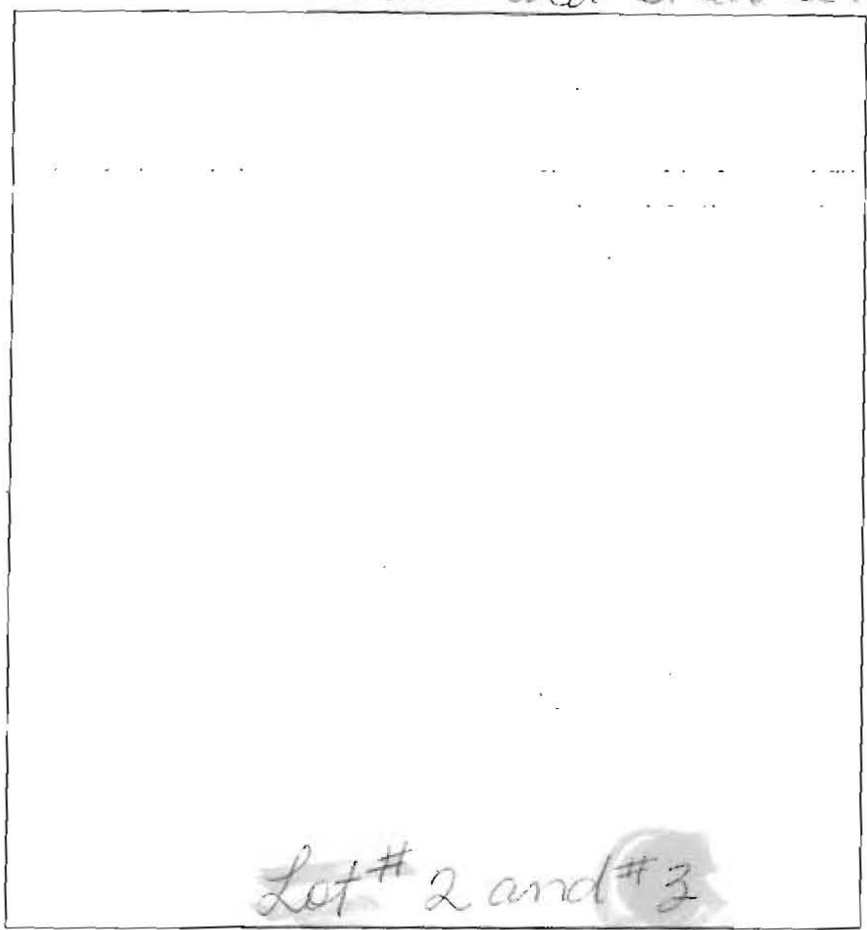
13880 Old Frederick Rd # 2504

A/P  
#2502  
Red Brown  
yellow  
SCL  
(Dense)  
↓  
5'  
Red Brown  
yellow  
Sh  
5-10%  
R4  
↓  
13'

Red Brown  
yellow  
SCL  
3'  
Red Brown  
yellow  
Sh  
5-10%  
↓  
12'

#2500  
Red Brown  
yellow  
SCL  
4'  
Red Brown  
yellow  
Sh  
5-10%  
R4  
↓  
13'

#2503  
Red Brown  
yellow  
SCL  
4'  
Red Brown  
yellow  
Sh  
↓  
13'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3-16-15	2502	6/13	10:27 <del>10:12</del>	10:43	11:07	24min	P
3-16-15	2501	5/15	10:23	10:29	10:37	8min	P
3-16-15	2500	5/13	10:16	10:21	10:32	11min	P
3-16-15	2504	4/12	11:04	11:21	11:27	6min	P
3-16-15	2503	5.5/13	11:34	11:36	11:43	9min	P
3-16-15	2507	5.3/11	11:32	11:42	11:52	10min	P

#2501  
Red Brown  
yellow  
SCL  
(Dense)  
4'  
Red Brown  
yellow  
Sh  
5-10%  
R4  
↓  
15'

#2507  
Red Brown  
yellow  
SCL  
4'  
Red Brown  
yellow  
Sh  
5-10%  
R4  
↓  
11'

REMARKS \_\_\_\_\_

SANITARIAN D Bernard BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

13880 Old Frederick Rd.

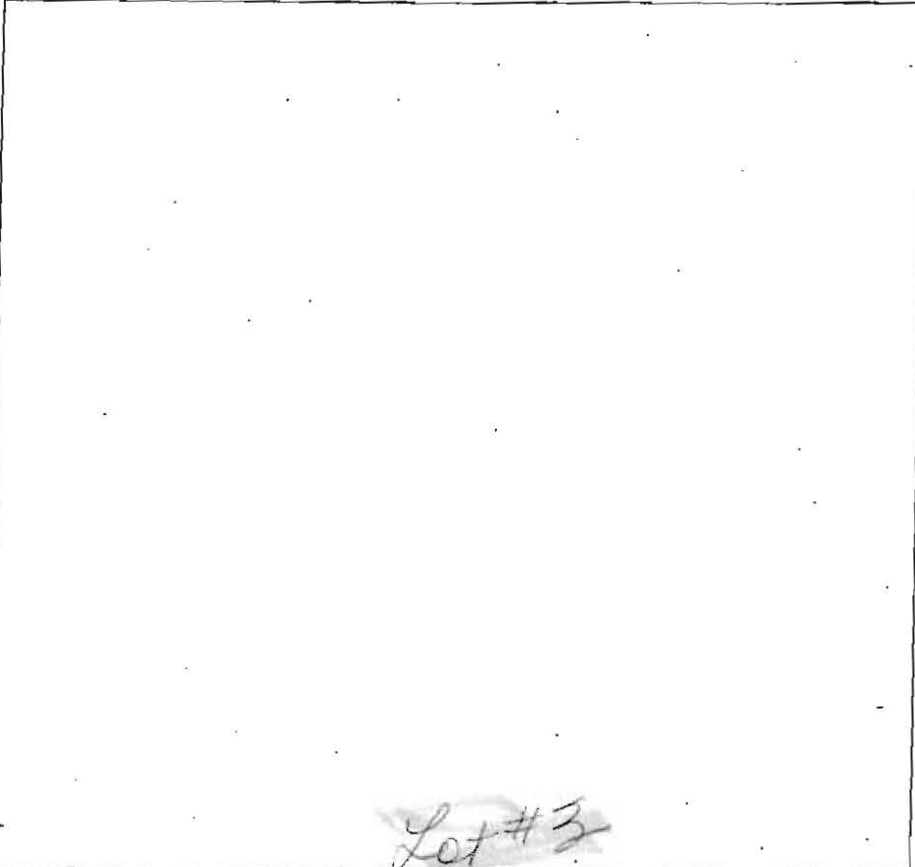
HOWARD COUNTY PERC TEST REPORT

A/P# \_\_\_\_\_

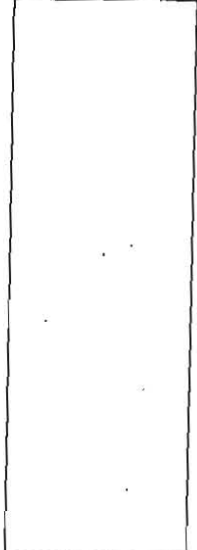
Lot # \_\_\_\_\_

Hole # 313

Red Brown  
yellow  
SCL  
3'  
Red Brown  
yellow  
SCL  
13'  
10-15%  
R4  
V



Hole #

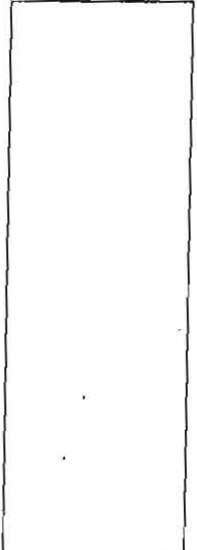


Hole # 314

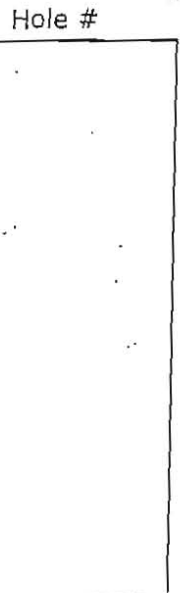
Red Brown  
yellow  
SCL  
3.5'  
Red Brown  
yellow  
SCL  
5-10%  
R4  
V

Lot # 3

Hole #



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-23-15	313	4 1/2	2:00	2:08	2:30	1.3 min	D
2-23-15	314	4 1/2	3:25	2:40	3:00	1.5 min	D



REMARKS

SANITARIAN Bernard BACKHOE Jeff

OTHERS \_\_\_\_\_ SQ. FT/BR 0.10

TEST HOLES USED IN SDA \_\_\_\_\_ AVG PERC TIME \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_

MAX BOT DEPTH \_\_\_\_\_ EFFECTIVE SDW \_\_\_\_\_

13880 Old Frederick Rd.

HOWARD COUNTY PERC TEST REPORT

A/P# \_\_\_\_\_

Lot # \_\_\_\_\_

Hole # 3008

Red Brown  
yellow  
sh  
3.5'

Red Brown  
yellow  
sh  
5-10%  
R4  
Many  
mida  
12'

Hole # 3009

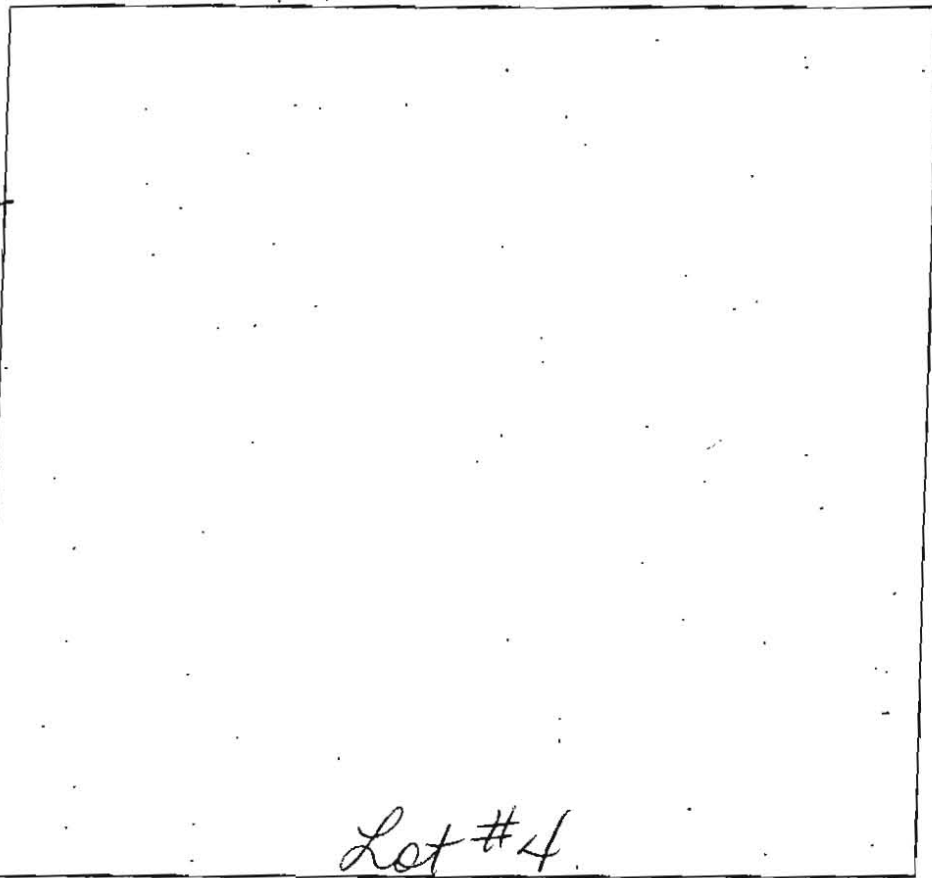
Red Brown  
sh  
(Dense)  
5'

Red Brown  
yellow  
sh  
5-10%  
R4  
↓  
12.5'

Hole # 3010

Red Brown  
yellow  
sh  
4'

Red Brown  
yellow  
sh  
5-10%  
↓  
13'



Hole # 3011

Red Brown  
yellow  
sh  
3.5'

Red Brown  
yellow  
sh  
5-10%  
R4  
↓  
12'

Hole # 3012

Red Brown  
yellow  
sh  
6.5'

Red Brown  
yellow  
sh  
5-10%  
R4  
↓  
13'

Hole # \_\_\_\_\_

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-23-15	3008	4.5/12	1:42	1:49	1:59	10min	P
2-23-15	3009	5.5/12	12:29	12:28	12:33	5min	P
2-23-15	3010	4.5/13	11:38	11:49	11:57	8min	P
2-23-15	3011	4.5/12	10:52	10:58	11:05	7min	P
2-23-15	3012	6.5/13	12:00	12:05	12:10	5min	P

REMARKS

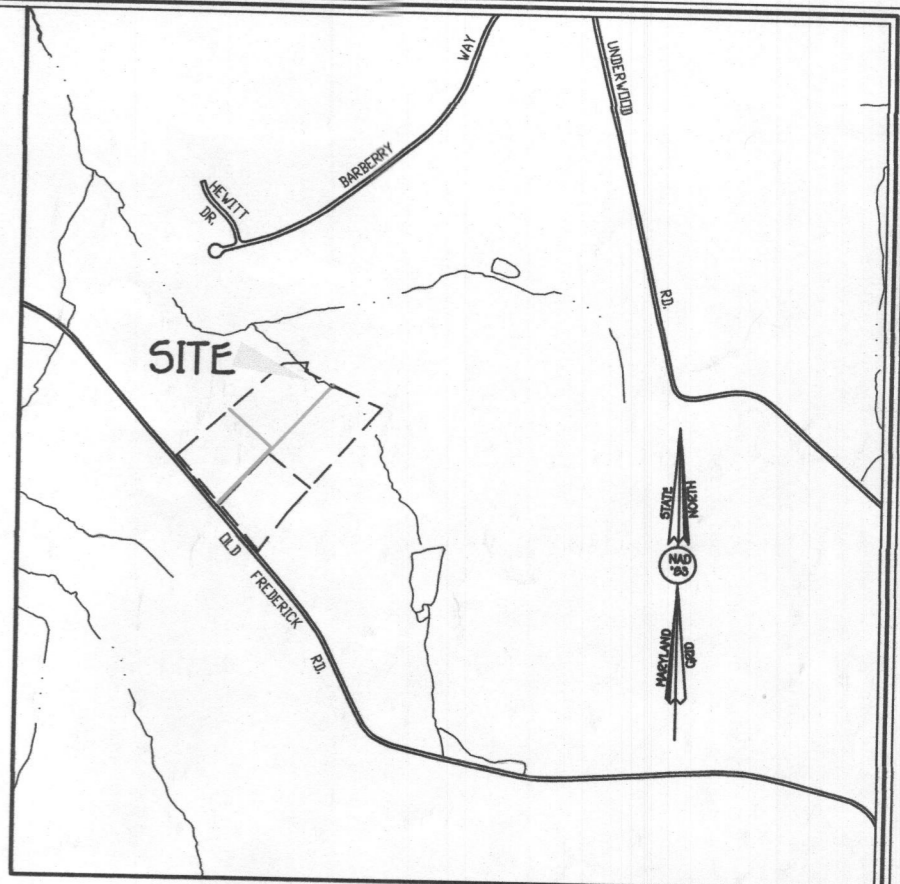
SANITARIAN Bernard BACKHOE Jeff

OTHERS \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG PERC TIME \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_

MAX BOT DEPTH \_\_\_\_\_ EFFECTIVE SDW \_\_\_\_\_



GENERAL NOTES: VICINITY MAP  
SCALE: 1" = 1200'

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- FISHER, COLLINS & CARTER, INC. HAS FIELD SURVEYED ELEVATIONS OF THE SEPTIC TEST HOLE LOCATIONS AND VERIFIED THE GIS TOPOGRAPHY IN THE AREA OF THE SEPTIC DISPOSAL AREAS.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE LIBER 1250 FOLIO 696.

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- FO 2504 DENOTES FAILED PERC 2504 POINT NUMBER 553.4 ELEVATION
- ⊙ 2504 DENOTES PASSED PERC 2504 POINT NUMBER 553.4 ELEVATION
- ⊙ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

SOILS LEGEND

SOIL	NAME	CLASS
GpB	Glenelg loam, 3 to 8 percent slopes	B
GyC	Glenelg loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GvB	Glenville-Balle silt loams, 0 to 8 percent slopes	C
Hs	Hatboro-Codorus silt loams, 0 to 3 percent slopes	D
MdD	Manor loam, 15 to 25 percent slopes	A
McC	Manor-channery loam, 8 to 15 percent slopes	B

- NOTES:
- Hydric soils and/or contains hydric inclusions
  - May contain hydric inclusions
  - † Generally only within 100-year floodplain areas

PERC CERTIFICATION  
I certify that the locations shown on this plan were established on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.  
Signature of Professional Land Surveyor: *Terrell A. Fisher* 8/5/17 Date  
Terrell A. Fisher, Professional Land Surveyor, License No. 10692 Expires 12/13/17

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.  
Signature of County Health Officer: *Barbara M. ...* 8/17/2017 Date  
COUNTY HEALTH OFFICER

PERC RECERTIFICATION PLAT  
**13900 OLD FREDERICK ROAD**  
(FORMALLY 13880 OLD FREDERICK ROAD)  
TAX MAP #9 GRID 7 PARCEL: 117  
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1"=50' DATE: AUGUST 5, 2017

THE PURPOSE OF THIS PLAN IS TO REVISE THE PROPOSED WELL BOX LOCATION ON LOT 3.

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLSWORTH CITY, MARYLAND 21042  
(410) 461-2999

E:\2014\14001\dwg\14001-3001 Revised Perc Plan 3-29-17.dwg, layout1, 8/4/2017 8:31:29 AM, 1:1