

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

A 562941

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Estates at Schooley Mill (Plat No. 24576-24583)

PROPERTY ADDRESS 7407 Haven Court Highland 20777
STREET TOWN ZIP

TAX ACCOUNT # 05-600718 TAX MAP 0040 GRID 0011 PARCEL 93 LOT NO. PPA PROPOSED LOT SIZE (ACRES) 4.8513

ZONING CATEGORY RR-DEO TIER 3

PROPERTY OWNER(S) WBG ESM LLC

DAYTIME PHONE 410-997-8800 CELL 410-977-3343 EMAIL Bob.Corbett@williamsburgllc.com

MAILING ADDRESS 5485 Harpers Farm Rd #200 Columbia MD 21044
STREET CITY, STATE ZIP

APPLICANT SAME AS OWNER RELATIONSHIP TO OWNER: OWNER

DAYTIME PHONE CELL EMAIL

MAILING ADDRESS STREET CITY, STATE ZIP

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

PROPERTY:

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
REPAIR OR REPLACE FAILING OSDS
UPGRADE EXISTING OSDS

BUILDING:

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

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.

[Handwritten Signature]

3/29/18

SIGNATURE OF APPLICANT

DATE

AP

4699

0.7' grey-brn sl
2 fskbk, ss

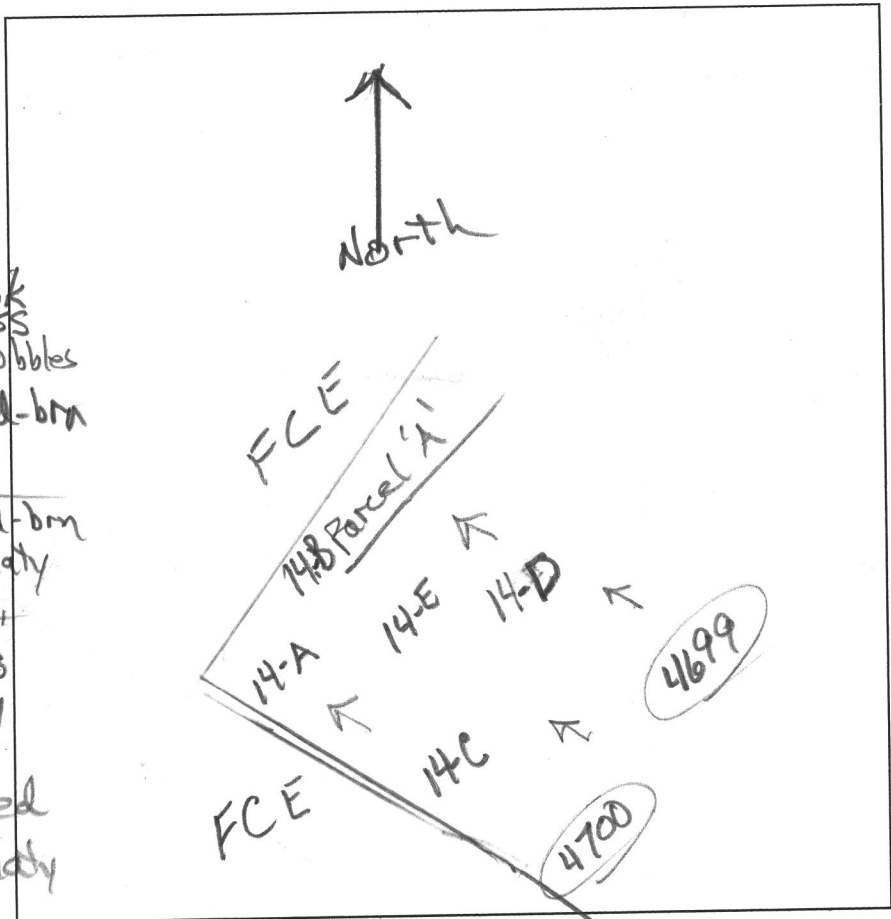
1.8' red-brn cl
2 fskbk & fskbk
few mica, ss
20% angular cobbles

2.4' yel-red & red-brn
sl, 2msbk

3.5' yel-red & red-brn
sl, thin platy
clay skins,

6' red-yel ls
thin platy

12' yel-red
& pale red
ls, thin platy



4699

4700

4700

0.7' grey-brn sl
platy

red-brn L
2msbk, ss
few mica
few angular
cobbles

2.3' brn L, ss
2msbk
many v. fine mica

4' red, lt brn
& yel-red sl
w/ dk brn
soft bodies

5.5' many fine mica
lt. brn, dk. brn
& red-yel ls
thin platy
many fine mica

12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/24/18	4699	3.25' 12'	10:09	10:17	10:28	11	P
4/24/18	4699	12'	Visual		3.5' to 8' 1.2 gpd/g ²		P
4/24/18	4700	6.2' 12'	10:45	10:49	10:56	7	

REMARKS Revise SDA for 6-Bedroom SFD

SANTARIAN R Bricker BACKHOE Justin Brendel & Ben Bob Corbett OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

LEGEND

- #1 SPECIMEN TREE LOCATIONS
- #7 SPECIMEN TREE LOCATIONS (TO BE REMOVED)
- PROPOSED SEPTIC FIELD
- 25' SEPTIC / 5' SM SETBACK
- AREA ADDED TO SDA
- PROPOSED WELL LOCATION
- 100' WELL / SEPTIC & WELL / INFILTRATIVE 5' SM SETBACK
- PROPOSED 1500 SF WELL BOX
- 100' WELL / SEPTIC & WELL / INFILTRATIVE 5' SM SETBACK
- DRY WELL (M-5)
(7'x10'x5' UNLESS NOTED OTHERWISE)
(MAXIMUM DRAINAGE AREA = 1,000 SF)
(PRIVATELY OWNED AND MAINTAINED)
- MIN. CONSERVATION AREA WIDTH
- SHEET FLOW TO CONSERVATION AREA (N-3)
(PRIVATELY OWNED AND MAINTAINED)
- NON-ROOFTOP DISCONNECT AREA (N-2)
(PRIVATELY OWNED AND MAINTAINED)
- TEST PIT PASSED FEB. 4-6, 2015
- TEST PIT FAILED FEB. 4-6, 2015
- TEST PIT PASSED MAY 11-13, 2015
- TEST PIT FAILED MAY 11-13, 2015
- TEST PIT PASSED APRIL 24, 2018
- INITIAL TRENCH SYSTEM (55 L.F.)
- TRENCH REPLACEMENT SYSTEM NO. 1 (60 L.F.)
- TRENCH REPLACEMENT SYSTEM NO. 2 (75 L.F.)

PAR. A TEST ELEVATIONS

PERC	ELEV
B-A	431.04
B-C	447.94
B-E	441.96
B-F	459.04
B-G	461.26
B-H	465.45
B-J	465.66
B-K	464.13
B-L	459.93
B-M	433.92
B-N	443.26
B-O	443.91
B-P	432.14
B-Q	461.85
B-R	470.85
B-S	454.56
B-T	467.80
B-U	467.34
B-V	464.94
B-W	470.19
B-X	450.27
B-Y	450.11

THE PURPOSES FOR THE REVISION OF THE PERCOLATION CERTIFICATION PLAN ARE:
 1. TO INDICATE TEST PITS PLANNED ON APRIL 24, 2018
 2. TO RECONFIGURE THE SDA ON PARCEL 'A'
 3. TO INDICATE THE TRENCH LENGTHS REQUIRED FOR THE THREE TRENCH DISTRIBUTION SYSTEMS ON PARCEL 'A'

NOTES:
 1. TRENCHES SHOWN ARE PRELIMINARY AND BASED ON A 6-BEDROOM HOUSE. THE FINAL TRENCH CONFIGURATION WILL BE SHOWN ON THE SEPTIC PLAN.
 2. THE ON-LOT STORMWATER MANAGEMENT SHOWN IS PER F-T-07T. THE FINAL STORMWATER MANAGEMENT WILL BE DETERMINED WITH THE FLOT PLANS AND SHOWN ON FUTURE SEPTIC PLANS.

SOILS (on site)	Map Unit Name	Type	K Factor
BaA	Baile silt loam, 0 to 3 percent slopes	D	0.32
Co	Cadon and Harboro silt loams, 0 to 3 percent slopes	C	0.31
GbB	Gladstone loam, 3 to 8 percent slopes	B	0.20
GbC	Gladstone loam, 8 to 15 percent slopes	D	0.20
GnB	Glenville-Baile silt loams, 0 to 8 percent slopes	B	0.31
MaD	Manor loam, 15 to 25 percent slopes	B	0.24

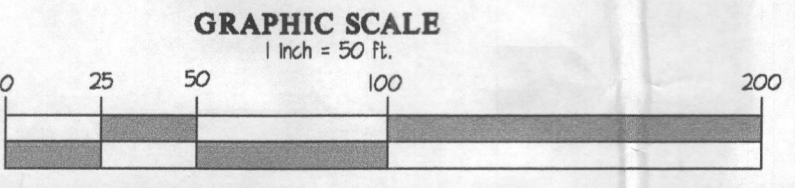
HOWARD COUNTY SOIL MAP NUMBER: 22 - CLARKSVILLE SM

HEALTH DEPARTMENT NOTES

- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA 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 SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
- ENGINEER HAS UTILIZED AERIAL TOPOGRAPHY AT 2' CONTOURS AND HAS FOUND TOPOGRAPHY WITHIN SEPTIC RESERVE AREAS TO BE REASONABLY ACCURATE.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- WELLS MUST BE PROTECTED AT ALL TIMES DURING SITE PREPARATION AND DEVELOPMENT. PREFERABLY A HIGHLY VISIBLE MATERIAL SUCH AS ORANGE FENCING IS USED TO MARK WELL LOCATIONS.

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

Barbara M. Rosman 6/27/2018
 COUNTY HEALTH OFFICER



GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND, 20866
 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE	REVISION	BY	APP'R.

OWNER:
 WBG ESM, LLC
 5485 HARRERS FARM ROAD
 SUITE 200
 COLUMBIA, MD 21044
 ATTN: BOB CORBETT
 410-997-8800

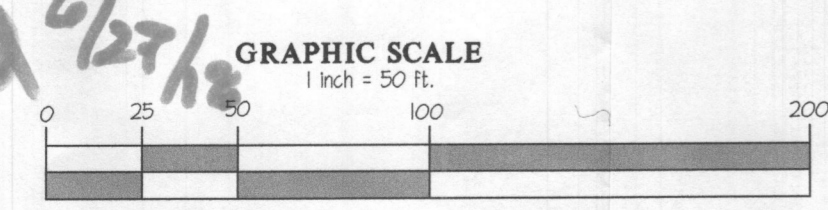
PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12573
 EXPIRATION DATE: MAY 26, 2025
 6/14/18

REVISED PERCOLATION CERTIFICATION PLAN
ESTATES AT SCHOOLEY MILL
Buildable Preservation Parcel 'A'
 TAX PARCEL 93
 LIBER 4637 FOLIO 68
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE NO.
1"=50'	RR-DEO	14067
DATE	TAX MAP - GRID	SHEET
JUNE 2018	40-11	1 OF 1



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
Superceded 6/27/18
 Barbara Dawson
 COUNTY HEALTH OFFICER



GLWGUTSCHICK LITTLE & WEBER, P.A.
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DATE	REVISION	BY	APP'R.

OWNER:
 THE WILBUR AND EVELYN HINKLE FAMILY LIMITED PARTNERSHIP
 3067 SHORECREST BAY DR MURRELLS INLET, SC 29576
 ATTN: BARBARA DAWSON

DEVELOPER:
 WILLIAMSBURG GROUP, LLC
 5485 HARPERS FARM RD SUITE 200
 COLUMBIA, MD 21044
 ATTN: BOB CORBETT
 410-997-8800

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 EXPIRATION DATE: MAY 26, 2018
 12/8/17



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ESTATES AT SCHOOLEY MILL
LOT 9 & Buildable Preservation Parcel 'A'
 TAX PARCEL 93
 LIBER 4637 FOLIO 68
 ELECTION DISTRICT No. 5

SCALE	ZONING	G. L. W. FILE No.
1"=50'	RR-DEO	14067
DATE	TAX MAP - GRID	SHEET
DEC., 2017	40-11	1 OF 1

- LEGEND**
- #1 SPECIMEN TREE LOCATIONS
 - #2 SPECIMEN TREE LOCATIONS (TO BE REMOVED)
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 - TRENCH REPLACEMENT SYSTEM NO. 2 (75 LF)

PAR. A TEST ELEVATIONS

PERC	ELEV.
13-A	451.74
13-B	441.34
13-C	441.36
13-D	456.84
13-E	461.26
13-F	465.65
13-G	465.66
13-H	464.13
13-I	436.83
13-J	433.52
13-K	443.91
14-A	439.74
14-B	461.25
14-C	470.95
14-D	454.56
14-E	461.90
14-F	467.34
14-G	464.93
14-H	470.19
14-I	450.27
14-J	450.17

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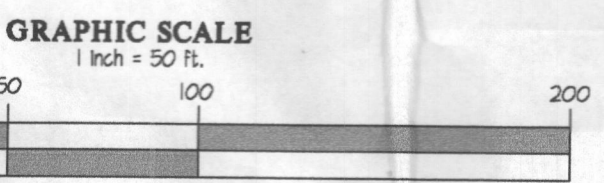
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT

Signature for Maurea Rossman 4/27/2018
 COUNTY HEALTH OFFICER DATE



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 3929 NATIONAL DRIVE - SUITE 250 - BIRKENSHIRE OFFICE PARK
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DES. dds DRN. dds CHK. DATE REVISION BY APP'R.

OWNER:
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 EXPIRATION DATE: MAY 26, 2020



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 Buildable Preservation Parcel 'A'

ELECTION DISTRICT No. 5

TAX PARCEL 93
 LIBER 4637 FOLIO 68

HOWARD COUNTY, MARYLAND

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PC562941