**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](http://www.hchealth.org)Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

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

RECEIPT DATE: 11/4/19**ONSITE SEWAGE DISPOSAL SYSTEM**P 566430APPROVAL DATE: 12/02/2019**PERMIT: CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 12517 Westland CourtSUBDIVISION: Westland Farm EstatesLOT: 12 TAX ID: \_\_\_\_\_CONTRACTOR: Hatfield's EquipmentEMAIL: ken@hatfieldsequipment.comCONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junction, MD 21701PHONE: 301-490-4289PROPERTY OWNER: Williamsburg Group Westland Farm LLCEMAIL: billmcbride@williamsburgllc.comOWNER ADDRESS: 5485 Harpers Farm Road, Columbia, MD 21044PHONE: 410-997-8800SEPTIC TANK SIZE (GALLONS): 2000TANK MANUFACTURER: Babylon Vault

PUMP MODEL: \_\_\_\_\_

PUMP SIZE \_\_\_\_\_

PUMP TANK CAPACITY: \_\_\_\_\_

DISTRIBUTION SYSTEM:



GRAVITY



PRESSURE DOSED

BEDROOMS: 7APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>182.3</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Use 3 trenches @ 60.8	

ISSUED BY: Hank OswaldISSUE DATE: 11/4/19EXPIRATION DATE: 11/4/20**NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION****NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING****NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.****NOTE: WATERTIGHT TANKS REQUIRED****NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL****NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS****NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM**

ELECTRICAL PERMIT ISSUED

E

N/A**NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA****NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.****PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.****CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

SEE ATTACHED  
AS BUILT

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH INLET BOTTOM

3' 2' 6'

NUMBER OF TRENCHES 3

TOTAL LENGTH 183 F

ABSORPTION AREA 549 SF

DISTRIBUTION BOX LEVEL SPEED

DISTRIBUTION BOX BAFFLE YES

DISTRIBUTION BOX PORT YES

**SEPTIC TANK DATA**

**SEPTIC TANK 1 LEVEL**

MANUFACTURER BABYLOON

CAPACITY 2000 GAL

SEAM LOC TOP

TANK LID DEPTH ~12'-18"

BAFFLES YES

BAFFLE FILTER

MANHOLE LOC Front/Back

6" PORT LOC

WATERTIGHT TEST

SLOTTED YES

DATE ON LID 09/20/2009

**PUMP/SEPTIC TANK LEVEL**

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

**PRE-CONSTRUCTION:**

11/22/2007 TANK, SDA, TRENCH STAKED. CONTOUR CHECKED. 4" DIFFERENCE, SOIL OK, INV OK TO STRAIGHTEN TRENCHES. OK TO START (+) USE LASER TO DIG PROXIMAL TO DISTAL END TO END STAKE (ON SAME COUNT CONTOUR PER PLAN) (+)

**INSTALLATION:**

11/26/2009 SDC AND SEWER LINE INSTALLED. TANK SET. (+) 12/2/2009 BAFFLES INSTALLED, D BOX SET AND LEVELED W/ SPEED LEVELS. TRENCHES COMPLETE. H<sub>2</sub>O LINE IS ADEQUATELY SLEEVED. RAIN LINE CROSSES ABOVE SEWER LINE. (+)

FINAL INSPECTOR

*Joseph Lahey*

DATE OF APPROVAL

12/2/2009

✓



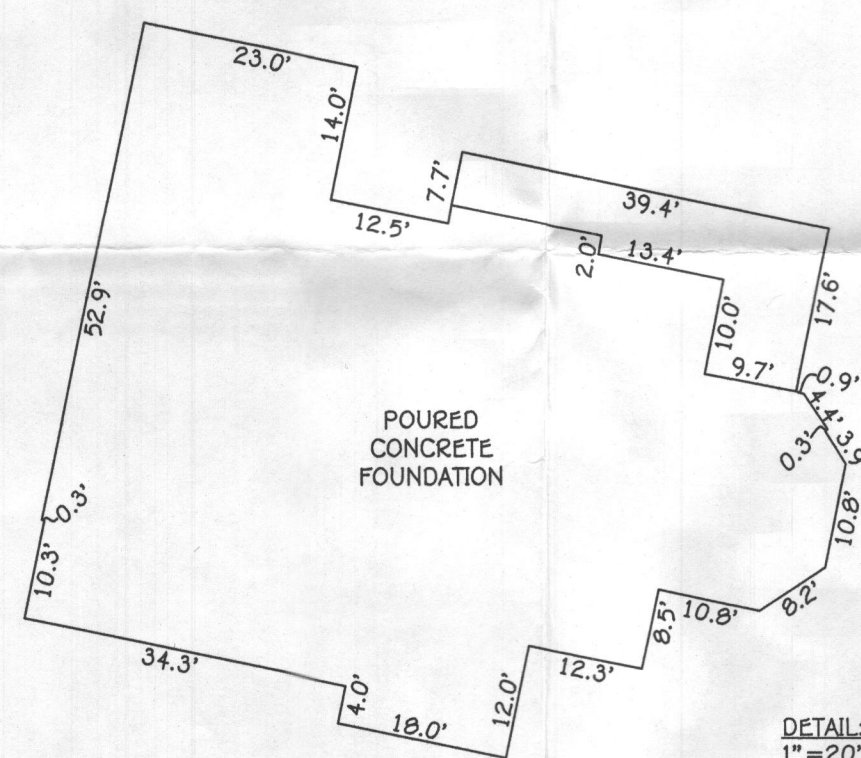


# GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE X ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 24027C01400 EFFECTIVE 11/06/2013.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1'.
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-15-0206 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 6) PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 339, EXPIRATION DATE 10/04/2018.
- 7) BUILDING PERMIT # B-19001245

## Legend

- 10' Public Tree Maintenance Easement
- Public Forest Conservation Easement



## HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 7/12/18  
FINAL LOCATION:  
BOUNDARY SURVEY:

SCALE: 1"=50'  
DATE: 7/12/19  
DRAWN BY: MD  
CHECKED BY: MLR  
PROJECT No. 103062-3003

*Mark L. Rober*  
PROFESSIONAL LAND SURVEYOR  
REG. #339  
DATE 7/12/19

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461-2855

## Westland Court



Line	Bearing	Length
FC17	N 10°37'13" E	207.71'
FC18	S 73°47'05" E	71.33'
FC19	N 17°19'07" E	84.30'
FC20	S 70°04'45" E	198.84'
FC22	N 34°59'32" W	283.87'



LOT 12  
WESTLAND FARM ESTATES  
PHASE II  
LOTS 3 THRU 14 AND  
OPEN SPACE LOT 15  
PLAT NOS. 23985 THRU 23987  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

#12517 WESTLAND COURT  
B.R.L. = BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEVATION = 434.0'



GENERAL NOTES:

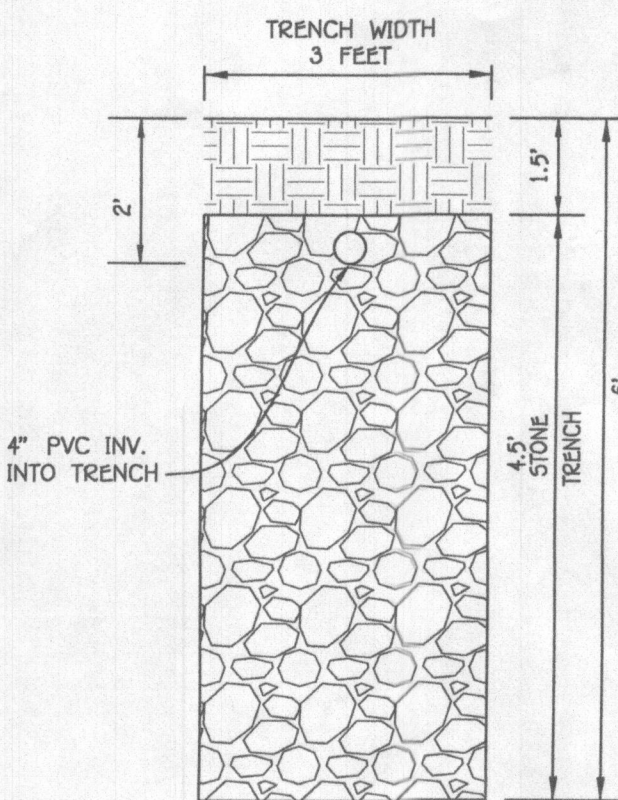
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL 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.
- ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND 200 FEET DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- TOPOGRAPHIC CONTOURS BASED ON HARFORD AERIAL SURVEYS, INC. DATED JANUARY 2006 AND SUPPLEMENTED WITH FIELD SURVEY TOPOGRAPHY BY FISHER, COLLINS & CARTER, INC. ON OR ABOUT APRIL 2006 AND JANUARY 2015.
- BOUNDARY OF LOT BASED ON PLAT #23986 AND FIELD SURVEY BY FISHER, COLLINS & CARTER, INC.
- PLAT REFERENCE: 23995 THRU 23987.
- SUBJECT PROPERTY ZONED: RR-DEO
- TOTAL AREA OF PROPERTY: 3.09 AC.
- WETLANDS, STREAMS, THEIR BUFFERS, FLOODPLAIN, AND STEEP SLOPES DO NOT EXIST ON THIS LOT.
- SOILS SHOWN HEREON ARE BASED ON NRCS WEB SOIL SURVEY AND HOWARD COUNTY SOILS MAP 22.
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET.
- SEWAGE DISPOSAL AREA MUST BE FENCED OFF WITH SNOW FENCING PRIOR TO BUILDING PERMIT APPROVAL.

FFE 435.0  
BSE 425.12  
INV. OUT OF HOUSE = 431.33  
PROP. GROUND AT CLEANOUT #1 = 429.9  
PROP. INTO CLEANOUT = 431.23  
INV. OUT OF CLEANOUT = 431.13  
PROP. GROUND AT SEPTIC TANK = 432.1  
COVER OVER SEPTIC TANK = 0.56 FEET  
TOP OF SEPTIC TANK = 431.54  
INV. INTO SEPTIC TANK = 430.54  
INV. OUT OF SEPTIC TANK = 430.29  
EX. GROUND AT DISTRIBUTION BOX = 431.9  
INV. INTO DISTRIBUTION BOX = 430.0  
INV. OUT OF DISTRIBUTION BOX = 429.9

NOTE:  
THE EXISTING WELLS SHOWN ON THIS PLAN, HO-15-0206 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES EXISTING WELL
- DENOTES PROPOSED TREE LINE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- PASSED PERC HOLES
- 538
- 537A



INITIAL TRENCH DETAIL  
SCALE: 1"=2"

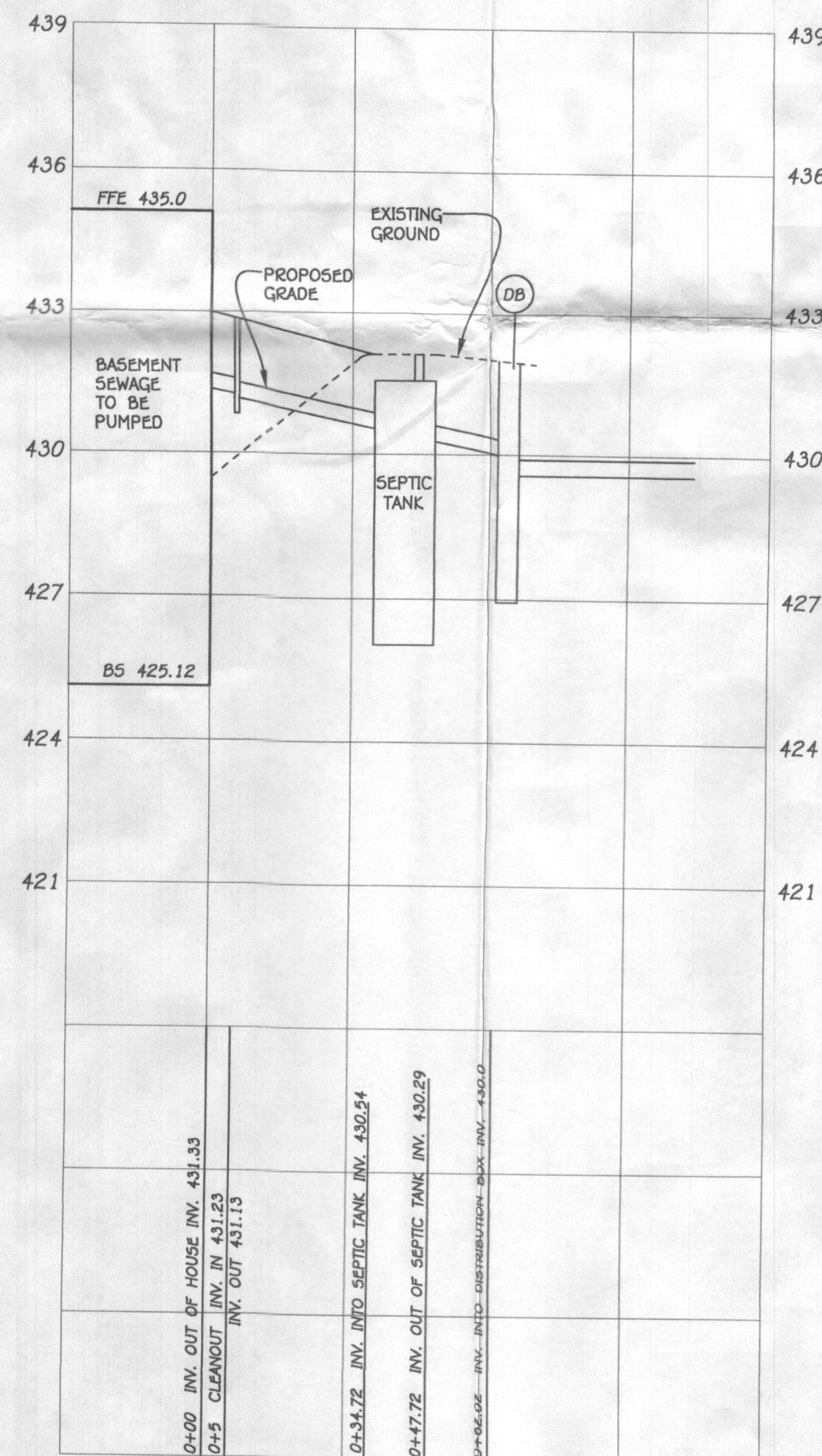
PLAN  
SCALE: 1"=30'

0' 30' 60' 120'  
SCALE: 1"=30'

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10075 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21042  
(410) 461-2895

OWNER

WILLIAMSBURG GROUP, LLC  
C/O 1808 CORBETT  
5485 HARBERS FARM ROAD, SUITE 200  
COLUMBIA, MARYLAND 21044  
410-977-8800

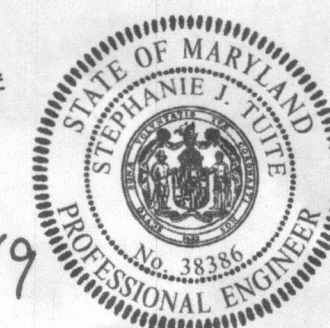


SEPTIC PROFILE  
HORIZONTAL SCALE: 1"=30'  
VERTICAL SCALE: 1"=3'

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS 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. 38386, EXPIRATION DATE: 01/12/2020.

Signature of Professional Engineer  
Date: 5/23/19



Approved Septic System Plan  
Howard County Health Department  
Date: 5/23/19  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

SEPTIC PLAN  
WESTLAND FARM ESTATES, LOT 12  
12517 WESTLAND COURT  
TAX MAP #45 PARCEL: 28  
ZONED: RR-DEO  
THIRD ELECTION DISTRICT: HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: MAY, 2019



**FISHER, COLLINS  
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS  
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.  
Earl D. Collins, P.E.  
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.  
Mark L. Robel, P.L.S.  
Aldo M. Vitucci, P.E.  
Frank Manalansan II, L.S.  
Stephanie Tuite, RLA, P.E., LEED AP BD&C

**Transmittal**

Via: ☐ Fax ☐ Mail ☒ Messenger ☐ E-Mail ☐ To Be Picked Up  
☐ Fax (original to follow via U.S. Mail)

To: **Bureau of Environmental Health**  
**8930 Stanford Blvd**  
**Columbia, MD 21046-4544**

Attn: **Spencer**  
Fax: **(410) 313-2648**  
Phone: **(410) 313-2640**

From: **Stephanie Tuite**

CC:

Re: **Westland Farm Estates Lot 12**

W.O.# **05062-3003**

Date: **05/23/19**

Pages: **Page(s) Including this cover**

We are forwarding: ☒ Prints ☐ Copy of Letter ☐ Specifications ☐ Shop drawings ☒ Other  
☐ Urgent ☐ For your use ☐ As requested ☐ For Review & Comment

Remarks:

**Attached please find three copies of the Septic Install plan for 12517 Westland Court, Westland Farm Estates, Lot 12. Building Permit #19001245 .**

**Please call with any questions.**

**Stephanie Tuite, RLA, PE, LEED AP BD&C**  
**Fisher, Collins & Carter, Inc.**

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