

**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](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 7/28/17 **ONSITE SEWAGE DISPOSAL SYSTEM** P 561474  
 APPROVAL DATE: 9/11/17 **PERMIT: CONSTRUCTION** A \_\_\_\_\_  
 PROPERTY ADDRESS: 12341 Point Ridge Drive  
 SUBDIVISION: Regan Property LOT: 8 TAX ID: 05597441  
 CONTRACTOR: Hatfields EMAIL: \_\_\_\_\_  
 CONTRACTOR ADDRESS: P.O. Box 519 Annapolis Junction, MD 20701 PHONE: 301-490-4289  
 PROPERTY OWNER: MB Highland Reserve, LLC EMAIL: \_\_\_\_\_  
 OWNER ADDRESS: 1686 East Gude Drive Rockville, MD 20850 PHONE: 301-762-9511  
 SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Mayer Bros  
 PUMP MODEL: n/a PUMP SIZE n/a PUMP TANK CAPACITY: n/a

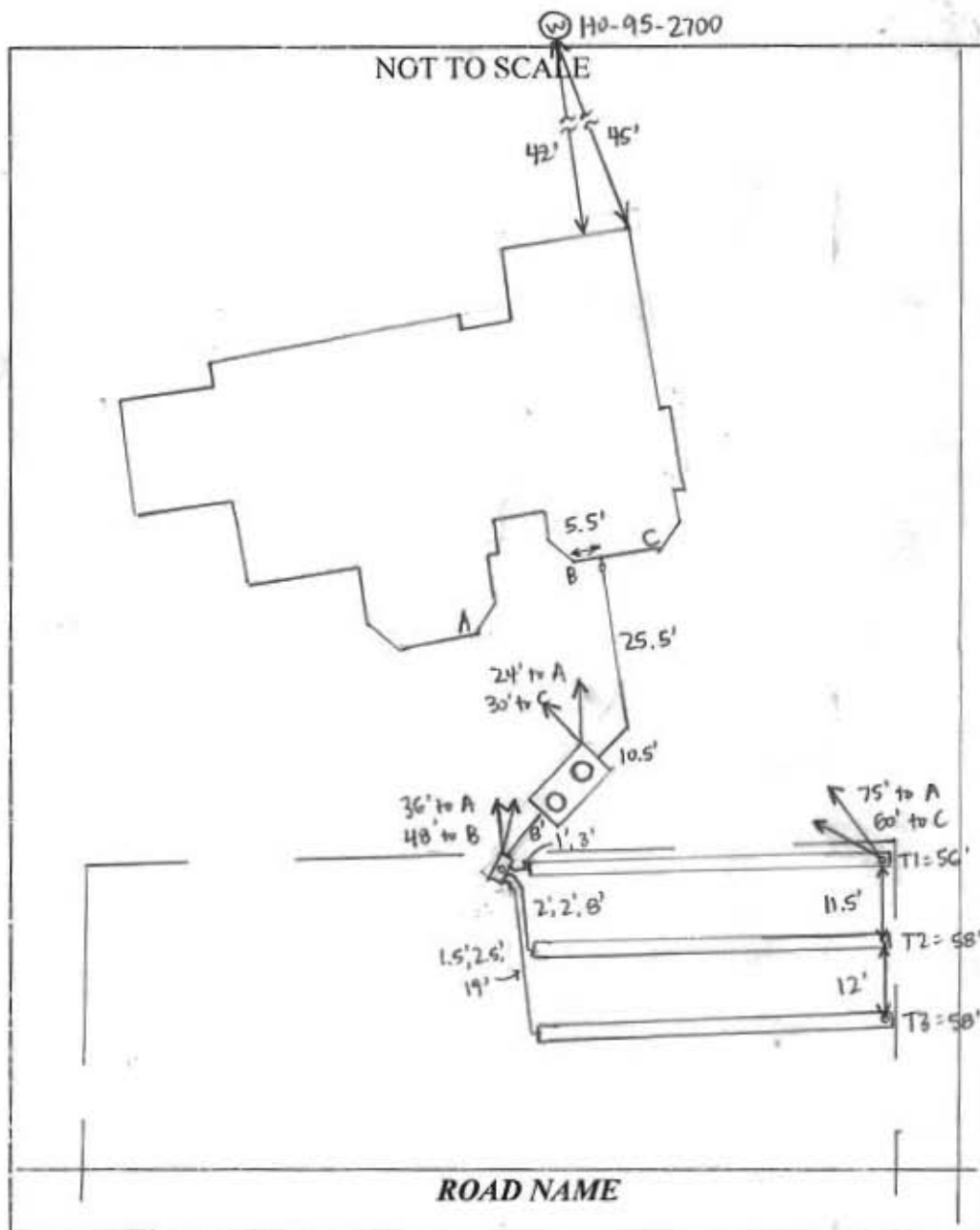
DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 7 APPLICATION RATE: 0.3

TRENCHES:	LINEAR FEET REQUIRED: <u>168</u>	INLET DEPTH: <u>3.0</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>12</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>Install 3x57' trenches.</u>	

ISSUED BY: Robert Freeman ISSUE DATE: 7/28/17 EXPIRATION DATE: 7/28/18

- 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.**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	8'
NUMBER OF TRENCHES	3	
TOTAL LENGTH	172'	
ABSORPTION AREA	516' = SIDEWALL	
DISTRIBUTION BOX LEVEL	YES	
DISTRIBUTION BOX BAFFLE	YES	
DISTRIBUTION BOX PORT	YES	

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	1-2'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT + REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	YES
DATE ON LID	7-23-17
<b>PUMP/SEPTIC TANK LEVEL</b>	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

**PRE-CONSTRUCTION:**

9/6/17 All SDA stakes present. Shot contour + laid out 3x57' trenches. Put tank location as shown on plan, ≥5' off top trench. (SC)

**INSTALLATION:** 9/8/17 House connection made. Tank + D-box set and all pipe laid from house to D-box. (SC) 9/11/17 Trenches complete. T3 left open for inspection and T1 + T2 left open @ ends. 2.5' to stone, 3' wide. Levelled speed levelers in D-box. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 9/11/17



FOUNDATION DETAIL  
SCALE: 1" = 30'

*Wall check  
OK  
DB 7-27-17*

**SURVEYOR'S CERTIFICATE**  
I HEREBY CERTIFY THAT THE SURVEYING WORK WAS PERFORMED BY ME OR UNDER MY IMMEDIATE CHARGE, AND THAT I AM A duly LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21320, EXPIRES 07/18/2017. I HAVE REVIEWED THE PLANS AND THE FIELD NOTES AND I CERTIFY THAT THE INFORMATION SHOWN HEREON IS CORRECT AND WAS BASED ON A FIELD SURVEY CONDUCTED BY BENCHMARK ENGINEERING, INC. ON 07/18/2017.

TOP OF FOUNDATION WALL = 426.7  
OFFSET DIMENSIONS TO PROPERTY ARE 6' AT



**DONALD A. MASON**  
PROFESSIONAL LAND SURVEYOR  
BOWERS RD., WILMINGTON, DE 19804  
FEMA FIRM No. 24027C01300  
ZONE: X  
DATED: 11/06/2013

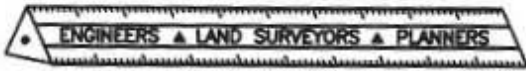
**WALL CHECK**  
BEHIN PROPERTY  
LOTS 2 THRU 23  
PLOT NO. 23070  
LOT No. 8

**BENCHMARK**  
ENGINEERING, INC.  
8480 BALDWIN CREEK, P.O. BOX 318  
SILVER SPRING, MARYLAND 21043  
(301) 410-4800 & (301) 410-4804

12341 POINT RIDGE DRIVE  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

FIELD OBS. BY ME  
COMP. BY EWP  
DRAWN BY CWF SCALE: 1" = 50' DATE: 07/18/2017

# BENCHMARK



## ENGINEERING, INC.

8480 Baltimore National Pike • Suite 315 • Ellicott City, Maryland 21043  
 410-465-6105 410-465-6644 (Fax)

### LETTER OF TRANSMITTAL

DATE	5/23/17	PROJECT No.	2171
ATTENTION	Dana Bernard		
RE:	Lot 8		
	Ragan Property		
	12341 Point Ridge Dr		

TO: Health Dept

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

WE ARE SENDING YOU  Attached  Under separate cover via \_\_\_\_\_ the following items

Photocopies  Prints  Originals  Samples

Specifications  Invoices  Change Order  Other \_\_\_\_\_

COPIES of	No. of SHEETS	DESCRIPTION
3	3	Septic Permit Plan
1	-	Architectural for 7 Bedrooms

THESE ARE TRANSMITTED as checked below

For Comment  For your use  For Approval

For Review  As requested  Other \_\_\_\_\_

REMARKS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COPY TO: \_\_\_\_\_

RECEIVED BY: [Signature]

If enclosures are not as noted, kindly notify us at once.

SIGNED: [Signature]