



Howard County
Health Department

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

RECEIPT DATE: 6-6-14 **ONSITE SEWAGE DISPOSAL SYSTEM** P 546391

INSTALLATION
APPROVAL DATE: 7/24/2014 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 12180 Hall Shop Road

SUBDIVISION: _____ LOT: _____ TAX ID: _____

CONTRACTOR: Freedom Septic Inc. EMAIL: _____

CONTRACTOR ADDRESS: 6755 Business Parkway, Suite 101 PHONE: 410-795-2947

PROPERTY OWNER: Rainmaker Development Inc. EMAIL: _____

OWNER ADDRESS: 6755 Business Parkway, Suite 101 PHONE: 410-379-1005

BAT UNIT MODEL: Norweco BAT UNIT SIZE: 500GPD

PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____

NUMBER OF BEDROOMS: 3 HOUSE SQ. FT. _____ APPLICATION RATE: _____

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>SEE BAT PLAN</u>	INLET DEPTH: <u>SEE BAT PLAN</u>
	TRENCH WIDTH: <u>SEE BAT PLAN</u>	MAXIMUM BOTTOM DEPTH: <u>SEE BAT PLAN</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>SEE BAT PLAN</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>SEE BAT PLAN</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set BAT unit per plan	

ISSUED BY: Heidi Scott ISSUE DATE: 6-6-14 EXPIRATION DATE: 6-6-15

- 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 SEPTIC 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

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

7/15/2014 Laterals are off center. Told installer to move them. (BB) 7/16/2014 Laterals look O.K. (BB) 7/18 Pressurized laterals and removed burrs from holes. (BB) 7/22/2014 No electricity to test system. Installer forgot to install observation ports in mound. (BB) 7/23/2014 Turn-ups have 3'-4' of head. Two obs. ports in mound. (BB)

See As-Built Drawing
On Separate Sheet

7/24/2014 Received certification letter from Norweco. System approved with minor trepidation. (BB)

ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
NUMBER OF TRENCHES	11	
TOTAL LENGTH	110	
ABSORPTION AREA	110	
DISTRIBUTION BOX LEVEL	110	
DISTRIBUTION BOX BAFFLE	110	
DISTRIBUTION BOX PORT	110	

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Norweco
CAPACITY	1300 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-3.5'
BAFFLES	No
BAFFLE FILTER	No
MANHOLE LOC	Front, Middle + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	N/A
DATE ON LID	Dry
PUMP/SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	3'-3.5'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	Dry

PRE-CONSTRUCTION:

6/12/2014 Met installer at site. Mound not staked right, small stream downhill of mound and swale in center of mound area. The soil needs to dry out a little more before plowing. (BB) 6/20/2014 Met engineer and surveyor at site. Going to move mound location uphill to lessen impact of swale. (BB)

INSTALLATION:

7/2/2014 Mound location moved slightly further away from house than what is shown on plan. Builder wants to install septic tanks further from house. Extend toe of mound in swale. (BB) 7/3/2014 House connection made. Tanks set. (BB) 7/7/2014 Force main installed. (BB) 7/9/2014 Mound site was plowed and is now covered with sand. (BB) 7/10/2014 (AM) Installer working on gravel bed. (BB) 7/10/2014 (PM) Installer working on laterals. (BB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

7/24/2014

HO-95-2566

117'

119'

12180 Hall
Shop Road

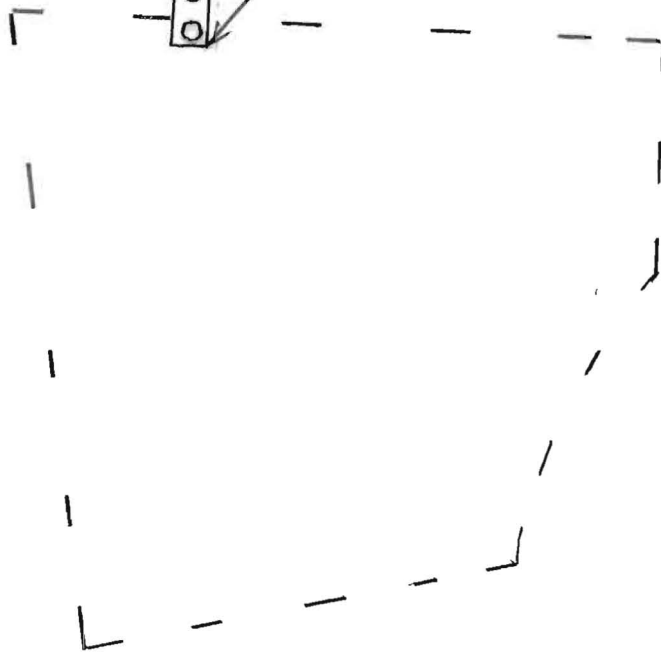
45'

44.5'

82'

100'

2'



H0-95-2566

117'

119'

12180
Hall Shop Rd.

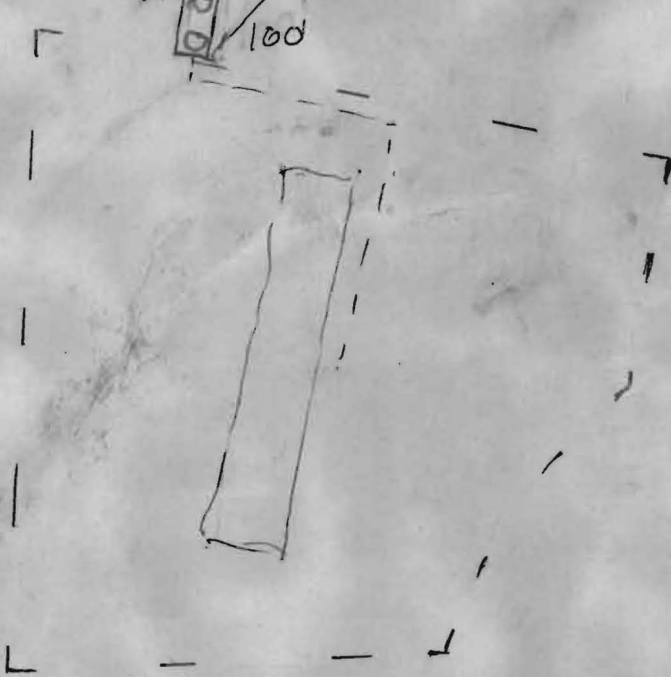
4.5'

44.5'

82'

2'

100'



H0-95-2566

117'

119'

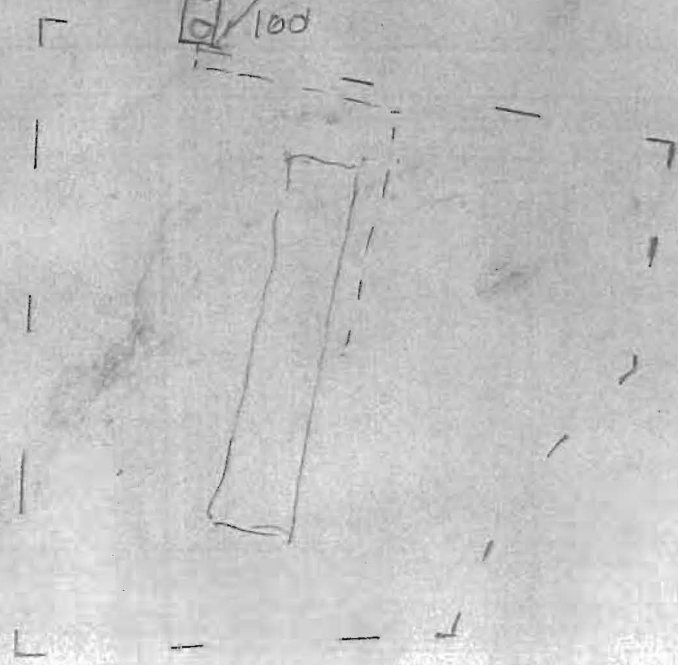


44.5'

82'

2'

100'



Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification

This is to certify that the Norweco Singulair TNT 600 GPD Septic Tank installed at 12180 Hall Shop Rd., Clarksville, MD 21209 July 3, 2014 was installed according to the manufacture's specifications.

Installer: Bruce Bopst



MATTHEW GECKLE
Vice-President



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
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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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 5th day of June 2014, among Rainmaker Development Inc, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 12180 Hall Shop Rd, Clarksville, MD 21029, in the 4th Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber 3262 Folio 20.

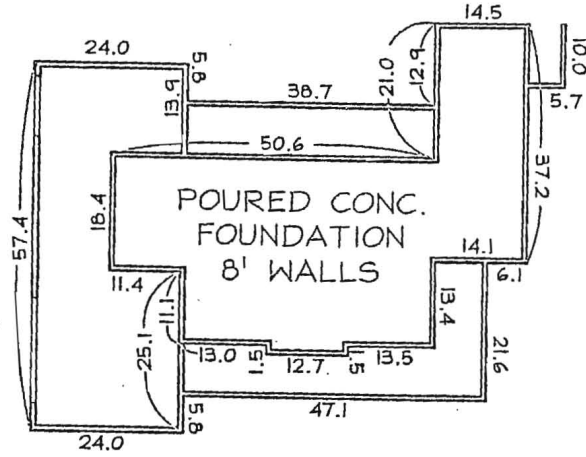
WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013.

NOW, THEREFORE, the parties hereto agree as follows:

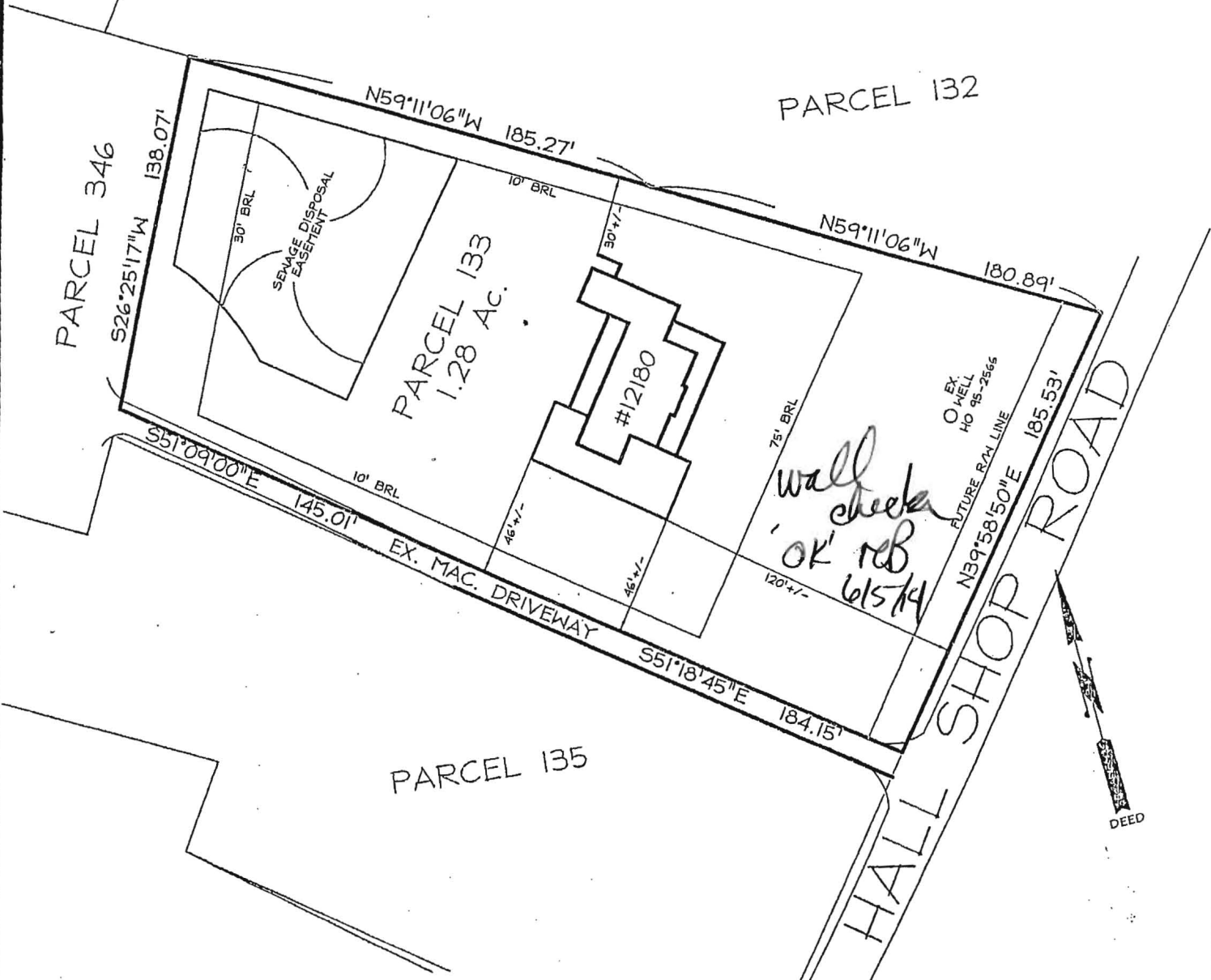
- A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as

#12180 HALL SHOP ROAD
 TAX MAP 41, PARCEL 133
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DEED: Liber 15173, Folio 45

THIS PLAT CAN NOT BE USED TO ESTABLISH
 PROPERTY LINES OR CORNERS.



DETAIL SCALE: 1"=30'




*wall check
 'OK' RB
 6/5/14*

PROFESSIONAL CERTIFICATION:
 I hereby certify that these documents were prepared by me or under my responsible charge, and that I am a duly licensed professional land surveyor under the laws of the State of Maryland, License No. 5539, Expiration Date 7/28/2015.

FOUNDATION LOCATION DRAWING

TOP OF WALL ELEV: 481.67'

<p>CERTIFICATION</p>	<p>SEAL</p>	<p>SCALE: 1"=60'</p>	<p>DATE: 12/2013</p>
<p>This is to certify that I have surveyed the property known as: #12180 HALL SHOP RD.</p> <p>The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing only and IS NOT to be used for the establishment of Property Lines, location for Fences, Garages, Buildings, or other Existing or Future improvements.</p>	 <p><i>Walter Park</i></p>	<p>LDE Inc. Engineers • Surveyors • Planners Historic Carriage House 7520 Main Street • Suite 203 Sykesville, Maryland • 21784 (410)795-6391 • (410)795-6392 • FAX(410)795-9540 www.Landsurveyormd.com</p>	
<p>DRAWING:MLS</p>		<p>JOB#09-200.02.2</p>	

Bricker, Robert

From: Bricker, Robert
Sent: Wednesday, June 04, 2014 3:52 PM
To: 'sarterburn@therainmakergroup.com'
Subject: 12180 Hall Shop Road_B13003811_septic system permit
Attachments: instructions for recording OandM.doc; O&M agreement_New construction.pdf

Mr. Arterburn, A septic system contractor attempted today obtain an installation permit for the subject property. Their request was rejected as the Health Department does not have all of the required documentation for the property. Missing documents include: 1) a Foundation Location Survey, 2) a copy of the signed Operation and Maintenance Agreement (for the BAT unit), and 3) a copy of the receipt from Land Records indicating that the signed O & M Agreement has been submitted for recording.

The O&M Agreement is attached along with instructions for the procedures of signature and submittal.

Robert Bricker, CPSS, REHS/R.S., L.E.H.S.
Environmental Sanitarian II
Bureau of Environmental Health
Well and Septic Program, Development Coordination Section
8930 Stanford Blvd.
Columbia, MD 21045

Desk, 410-313-2691; FAX, 41-313-2648

12180 HALL SHOP RD
CLARKSVILLE 21029

Clerk of the Circuit Court for
Howard County
Land Records/Licensing

The Thomas Dorsey Building
9250 Bendix Road
Columbia, MD 21045
410-313-5850

LR - Agreement Recording Fee
1x 20.00 20.00

Grantor/Grantee Name: rainmaker
development inc
Reference/Control #: 79

LR - Agreement Surcharge
1x 40.00 40.00

SubTotal: 60.00
Total: 60.00

REV-Check-BOA 60.00
Number : 1704

06/05/2014 12:55 CC13-KC
#2876749 /496/109

Thank you for visiting us today

12180 HALL SHOP RD
CLARKSVILLE 21029

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Howard County
Land Records/Licensing

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06/05/2014 12:55 CC13-KC
#2876749 /496/109

Thank you for visiting us today

Heather

410 549 1163