



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

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

RECEIPT DATE: 3-18-16 ONSITE SEWAGE DISPOSAL SYSTEM P 558070

APPROVAL DATE: 3/28/16 PERMIT: CONSTRUCTION A

PROPERTY ADDRESS: 17415 Frederick Road

SUBDIVISION: Collianne Property LOT: 2 TAX ID:

CONTRACTOR: Sam's Creek EMAIL:

CONTRACTOR ADDRESS: 2810 Sam's Creek Road, New Windsor, MD 21776 PHONE: 443-821-4932

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: Matt and Lisa Martin EMAIL:

OWNER ADDRESS: 1031 Reading Court, MT Airy, MD 21771 PHONE: 301-736-2583

NORWECO TNTLP-

BAT UNIT MODEL: 500GPD PUMP SIZE: N/A PUMP TANK CAPACITY:

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 3/11/16 DATE RECORDED: 3/11/16

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.6

Table with 2 columns: Field Name (TRENCHES, LOCATION, NOTES) and Field Value (Linear feet required, Inlet depth, Trench width, Maximum bottom depth, etc.)

ISSUED BY: Robert Bricker ISSUE DATE: 3-18-16 EXPIRATION DATE: 3-18-17

- 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
NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
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.

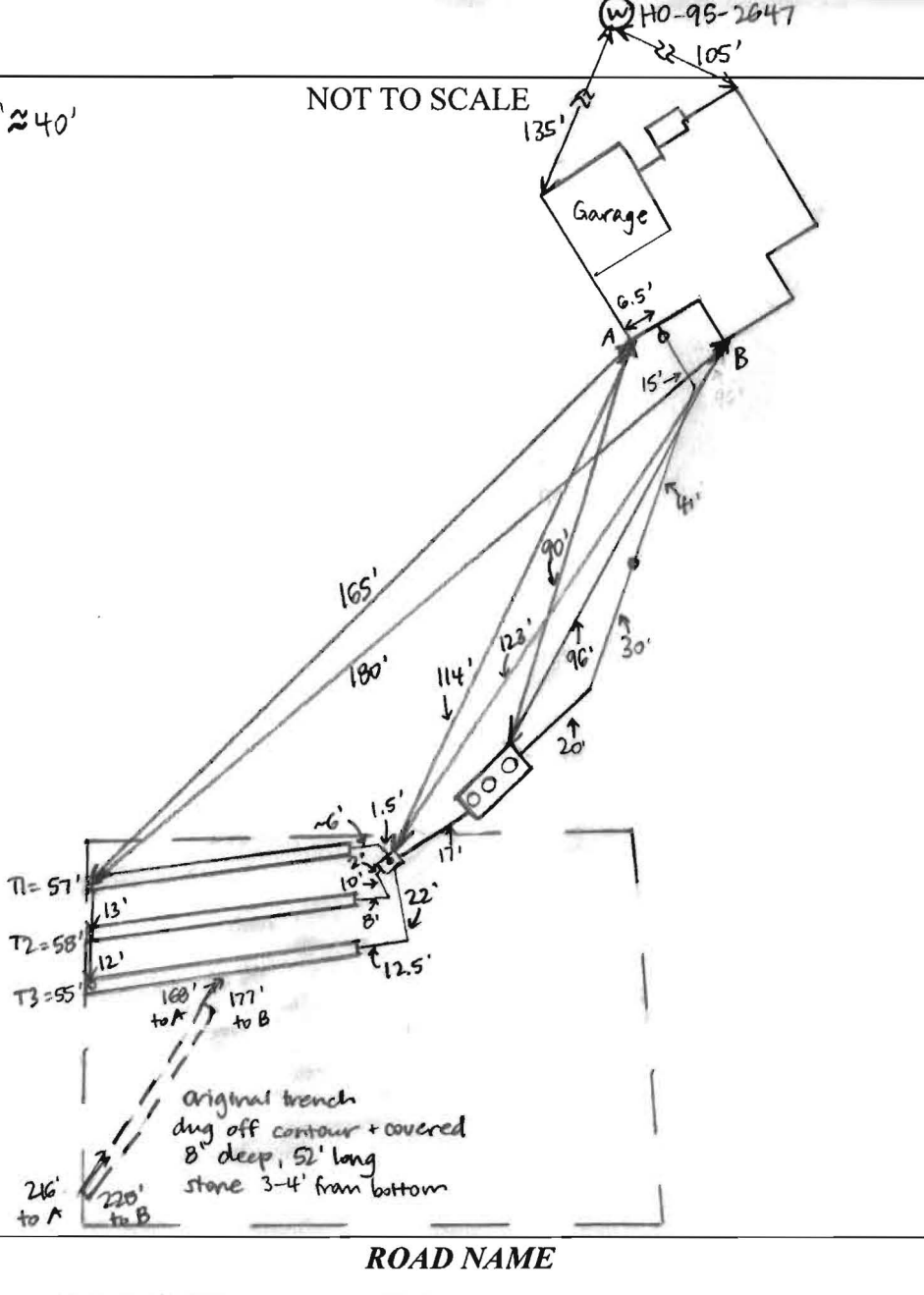
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

1" ≈ 40'

NOT TO SCALE

W/HO-95-2647



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	3.5'	8'
NUMBER OF TRENCHES <u>3</u>		
TOTAL LENGTH <u>170'</u>		
ABSORPTION AREA <u>340' + SIDEWALL</u>		
DISTRIBUTION BOX LEVEL <u>YES</u>		
DISTRIBUTION BOX BAFFLE <u>YES</u>		
DISTRIBUTION BOX PORT <u>YES</u>		

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	<u>YES</u>
MANUFACTURER	<u>BACKRIVER NORWEGIAN</u>
CAPACITY	<u>1300</u> GAL
SEAM LOC	<u>TOP</u>
TANK LID DEPTH	<u>2.5'</u>
BAFFLES	<u>NO</u>
BAFFLE FILTER	<u>NO</u>
MANHOLE LOC	<u>FRONT, MID, REAR</u>
6" PORT LOC	<u>NONE</u>
WATERTIGHT TEST	<u>NO</u>
SLOTTED	<u>NO</u>
DATE ON LID	<u>1-22-16</u>

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:

3/22/16 Met Sams Creek on site for layout. Dam from Viking Homes also present. Tank stakes and all SDA stakes except NE corner staked. D-box also staked so corner stake measured to estimate contour not as shown on BAT plan. Laid out 3x52' trenches on contour. Checked fall from house to tank. (SC)

INSTALLATION:

3/22/16 Tank hole dug, house connection made. On site during tank delivery - no cracks on sides or bottom of tank. (SC) 3/23/16 Contractor called - first trench dug + partially stoned, checked contour with same laser transit used during layout and trench is off contour. I confirmed using a second transit and contour IS as listed on BAT plan. Changed trenches to be on contour, 3x55' with 3.5' inlet in case 3' inlet doesn't make fall from D-box. (SC) 3/23/16 T3 dug - 3' to stone, 2' wide. Sams Creek beginning T2. (SC) 3/24/16 T1, T2 complete, T1 left open, 3-3.5' to stone. T1 has no fall from D-box - Sams Creek to raise D-box with #57 stone. (SC) 3/24/16 D-box level, pipes to and from D-box have fall. Need BAT startup. (SC) 3/28/16 BAT startup received. (SC) 6/7/16 On site for BAT startup. Alarm sounds, aerator runs. (SC)

FINAL INSPECTOR

Sarah Collins

DATE OF APPROVAL

3/28/16

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 17415 Frederick Rd., MT. Airy, MD 21771 March 22, 2016 was installed according to the manufacture's specifications.

Installer: Joe Wright

Property Owner: Matt & Lisa Martin

Permit #

THIS CERTIFICATION IS FOR INSTALLATION ONLY. THE 5-YEAR OPERATIONS & MAINTENANCE AGREEMENT FROM DATE OF INSTALLATION WILL ONLY GO INTO EFFECT AFTER BACK RIVER PRE-CAST, LLC RECEIVES FINAL AND FULL PAYMENT FOR THE SYSTEM.



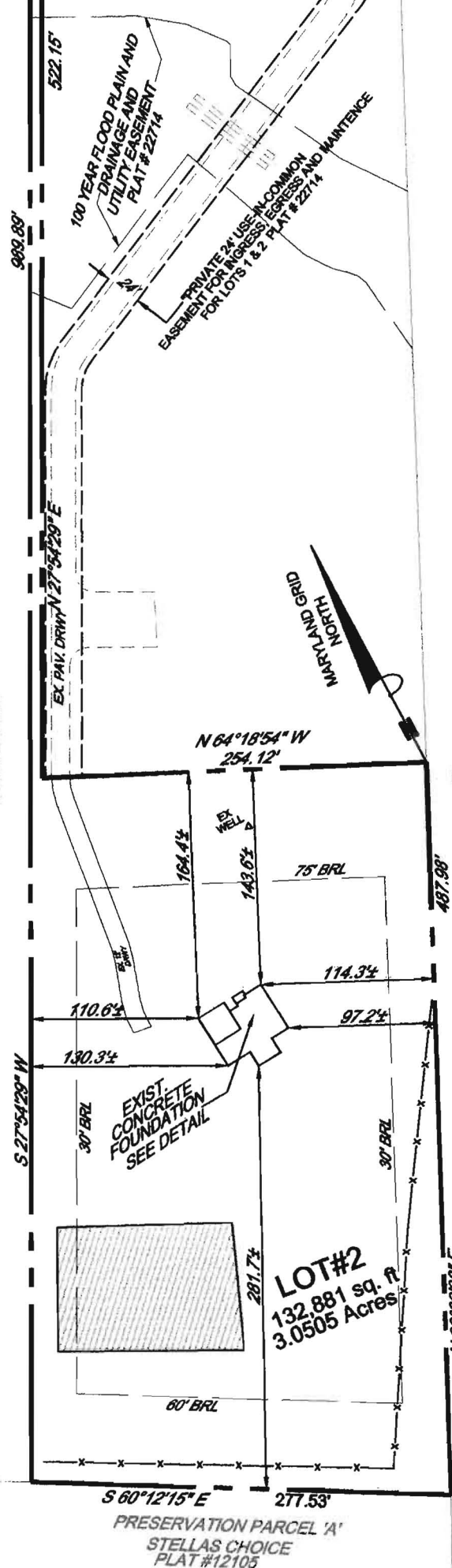
MATTHEW GECKLE

Vice-President

FREDERICK ROAD
MARYLAND STATE ROUTE #144

THE LOT SHOWN HEREON IS IN FLOOD ZONE "C" PER: F.E.M.A. FLOOD INSURANCE RATE MAP 2400440013B

N 69°21'12" W
7.78'



FOUNDATION DETAIL
SCALE: 1"=30'



NOTE: ACCURACY OF APPARENT SETBACK DISTANCES ARE 1 FT. +/-

NOTE: (A.) THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES AND DOES NOT CONSTITUTE A BOUNDARY SURVEY.

(B.) THIS PLAT IS OF THE BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.

(C.) THIS PLAT SHOULD NOT BE RELIED UPON FOR THE LOCATION OR ESTABLISHMENT OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS

FOUNDATION CERTIFICATION
17415 FREDERICK ROAD
LOT 2
"COLEIANNE PROPERTY"
SINGLE FAMILY DETACHED
PLAT C.M.P. # 22714
ZONED RC-DEO

FOURTH ELECTION DISTRICT TAX MAP #7, GRID 01, PARCEL 349
HOWARD COUNTY, MARYLAND
DATE: 01/09/16 SCALE: 1" = 100'

THIS IS TO CERTIFY THAT WE HAVE LOCATED THE IMPROVEMENTS AS SHOWN ACCORDING TO THE REGULATIONS GOVERNING THE MARYLAND STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYORS EFFECTIVE DATE AUGUST, 2005

Richard S. Krebs 1-2-16
MR. RICHARD S. KREBS MD, REG. NO. 10873 EXP. DATE 12/31/16 DATE:

CHARLES R. CROCKEN & ASSOCIATES, INC.
Civil Engineering Land Planning
902 Lee Ave.
Sykesville, Md. 21157
Tel. (410) 649-2708



Bureau of Environmental Health

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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 11th day of March 2016, among Matt & Lisa Martin, 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 17415 Frederick Road, in the 4 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 14059 Folio 0437.

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. The pre-treatment device being installed is Norweco BAT.

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 long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require

17415 FREDERICK RD.

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: Martin
Reference/Control #: 13

LR - Agreement Surcharge
1x 40.00 40.00

=====
SubTotal: 60.00
Total: 60.00
=====

REV-Check-BOA 60.00
Number : 11907

03/11/2016 10:05 CC13-SB
#5737360 /496/109
Thank you for visiting us today~

RECEIVED
MAR 11 2016
HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Bob Geyer 3/11/2016
Howard County Health Department

Lisa Martin 3-10-16
Owner #1 Signature Date

Lisa Martin
Owner #1 Print Name

Matthew D Martin 3-10-16
Owner #2 Signature Date

Matthew D Martin
Owner #2 Print Name

Lisa Martin 3-10-16
Buyer #1 Signature Date

Lisa Martin
Buyer #1 Print Name

Matthew D Martin 3-10-16
Buyer #2 Signature Date

Matthew D Martin
Buyer #2 Print Name