



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: 7/21/16 **ONSITE SEWAGE DISPOSAL SYSTEM** P 558803

APPROVAL DATE: 10/24/16 (SEC) **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 1820 Florence Road

SUBDIVISION: Kogan Trust LOT: 16 TAX ID: 04-595459

cumberlanddevcustomhomes@gmail.com

CONTRACTOR: Cumberland Development EMAIL: com

CONTRACTOR ADDRESS: 2983 Duvall Road, Woodbine, MD 21797 PHONE: 301-252-1122

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: Melody Wilson EMAIL: _____

OWNER ADDRESS: 7404 Old Chapel Drive, Bowie, MD 20715 PHONE: 302-262-3304

BAT UNIT MODEL: Norweco TNTLP-500 PUMP SIZE: _____ PUMP TANK CAPACITY: _____

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 8-2-16 DATE RECORDED: 8-2-16

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>216</u> <u>155'</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>2</u> <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u> <u>9'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</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:	<u>3x52' trenches</u>	

ISSUED BY: Robert Bricker ISSUE DATE: 9-15-16 EXPIRATION DATE: 9-17 u.o.

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION 9-15-17

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

ELECTRICAL PERMIT ISSUED E 16004913

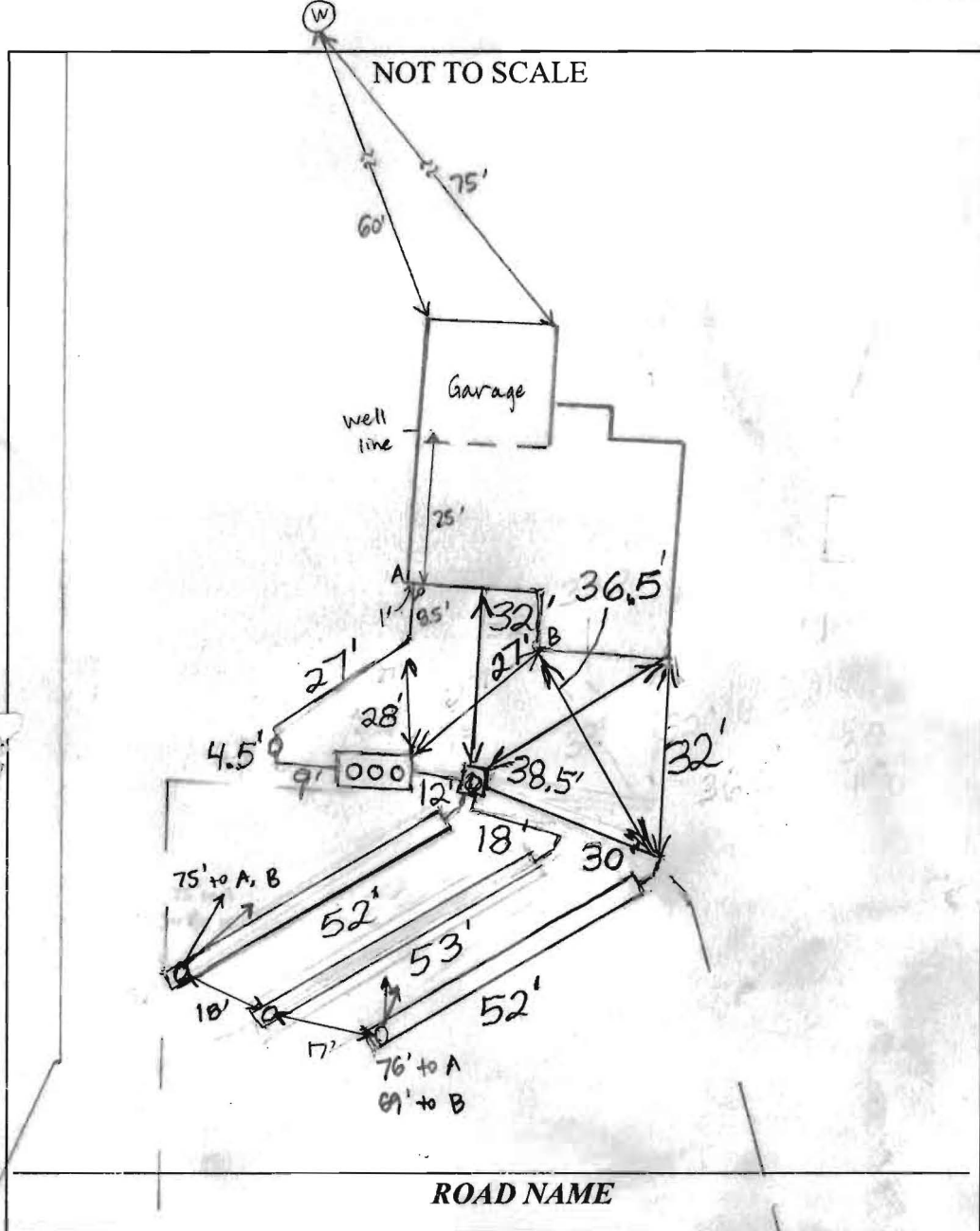
NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.

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.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		156'
ABSORPTION AREA		468 + Sidewalk
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BACKFLIVER / NORWECO
CAPACITY	1300 GAL
SEAM LOC	TOP
TANK LID DEPTH	2'
BAFFLES	No
BAFFLE FILTER	NO
MANHOLE LOC	FRONT, MID, REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	8-13-16
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

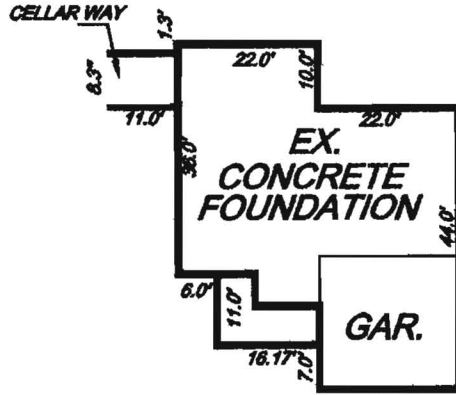
9/16/16 Met Curtis Cumberland on site for layout. Upper SDA stakes present, lower stakes missing. Shot contour and laid out 3 x 52' trenches on contour. No tank stake - measured 20' off house + outside well ave to set a location. House sewer comes out opposite back corner from what's shown on BAT plan. (SC)

INSTALLATION:

9/20/16 Tank set, house connection made. Cumberland adding stone to T1, 3' wide and 3.5' to stone. (SC) 9/21/2016 Trenches complete. Need BAT startup certification (SC for BB). 10/24/16 BAT startup certification received. (SC) 12/8/16 On site for Norweco startup. Alarm sounds, aerator runs. Contractor corrected riser lids so that vent cover is over aerator. (SC)

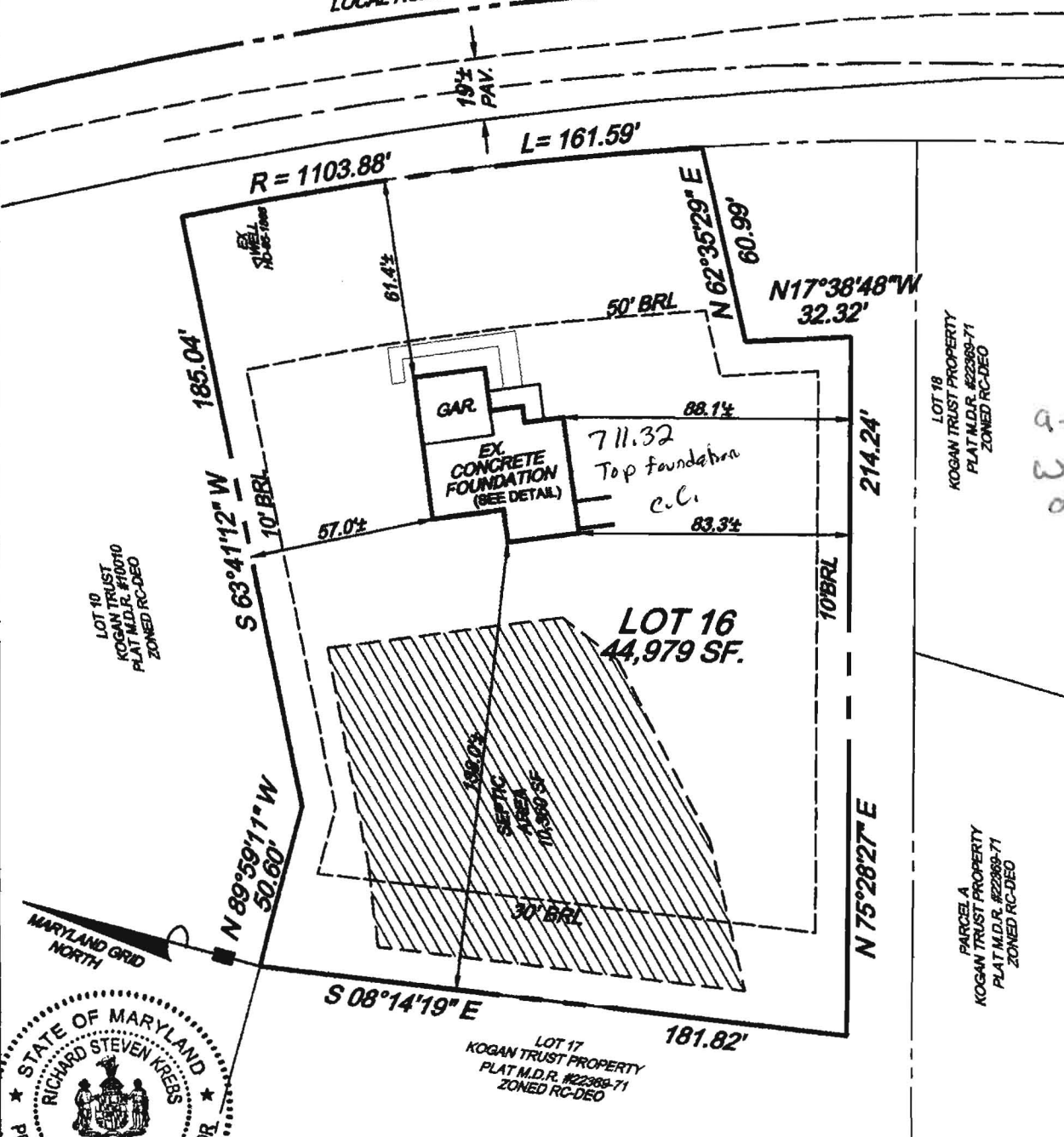
FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 10/24/16

THE LOT SHOWN HEREON IS IN FLOOD
 ZONE "C" PER. F.E.M.A. FLOOD
 INSURANCE RATE MAP 2400440019B



FOUNDATION DETAIL
 1"=30'

FLORENCE ROAD
 LOCAL ROAD 50' RW plat #10011



9-15-16
 wall check
 okay.
 H.O.



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
LOT 16
"KOGAN TRUST PROPERTY"
#1820 FLORENCE RD

SINGLE FAMILY DETACHED
PLAT M.D.R. #22369-71
ZONED RC-DEO
FOURTH ELECTION DISTRICT TAX MAP #06, GRID 23, PARCEL 247
HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 07/19/2016

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, 2006

Prepared by:
CHARLES R. CROCKEN AND ASSOCIATES, INC.
 Civil Engineering - Land Planning
 902 LEE AVE.
 SYKESVILLE, MD 21784
 Tel. (410) 549-2708
 Fax. (410) 549-9083

Richard S. Krebs
 MR. RICHARD S. KREBS MD. REG. NO. 10873 DATE: 07/19/2016
 EXP. DATE 4/24/18

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 Singlair TNT 600 GPD Septic Tank installed at 1820 Florence Rd., Woodbine, MD 21771 September 20, 2016 was installed according to the manufacture's specifications.

Installer: Matt Geckle

Property Owner: Susan Meldoy

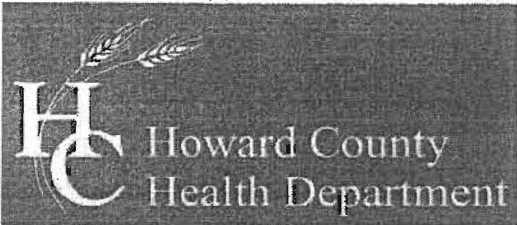
Permit #

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



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 20th day of AUGUST 2016, among Susan M. Wilson, 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 1820 Florence Rd. Mt Airy, in the ___ 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 _____ Folio _____.

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 Norpro.

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

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.

Paul Nifon 8/2/2016
Howard County Health Department

Susan M. Wilson 7/26/16
Owner #1 Signature Date

Susan M. Wilson
Owner #1 Print Name

Owner #2 Signature Date

Owner #2 Print Name

Buyer #1 Signature Date

Buyer #2 Signature Date

Buyer #1 Print Name

Buyer #2 Print Name

1820/2387 Florence 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: roach
Reference/Control #: 224

LR - Agreement Surcharge
1x 40.00 40.00

LR - Agreement Recording Fee
1x 20.00 20.00

Grantor/Grantee Name: wilson
Reference/Control #: 225

LR - Agreement Surcharge
1x 40.00 40.00

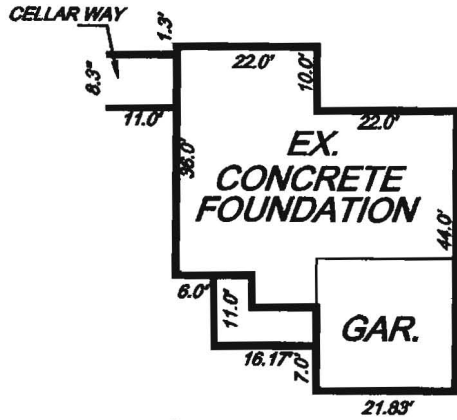
=====
SubTotal: 120.00
Total: 120.00

=====
REV-Check-BOA 120.00
Number : 124

08/02/2016 12:27 CC13-MH
#6646858 /497/109

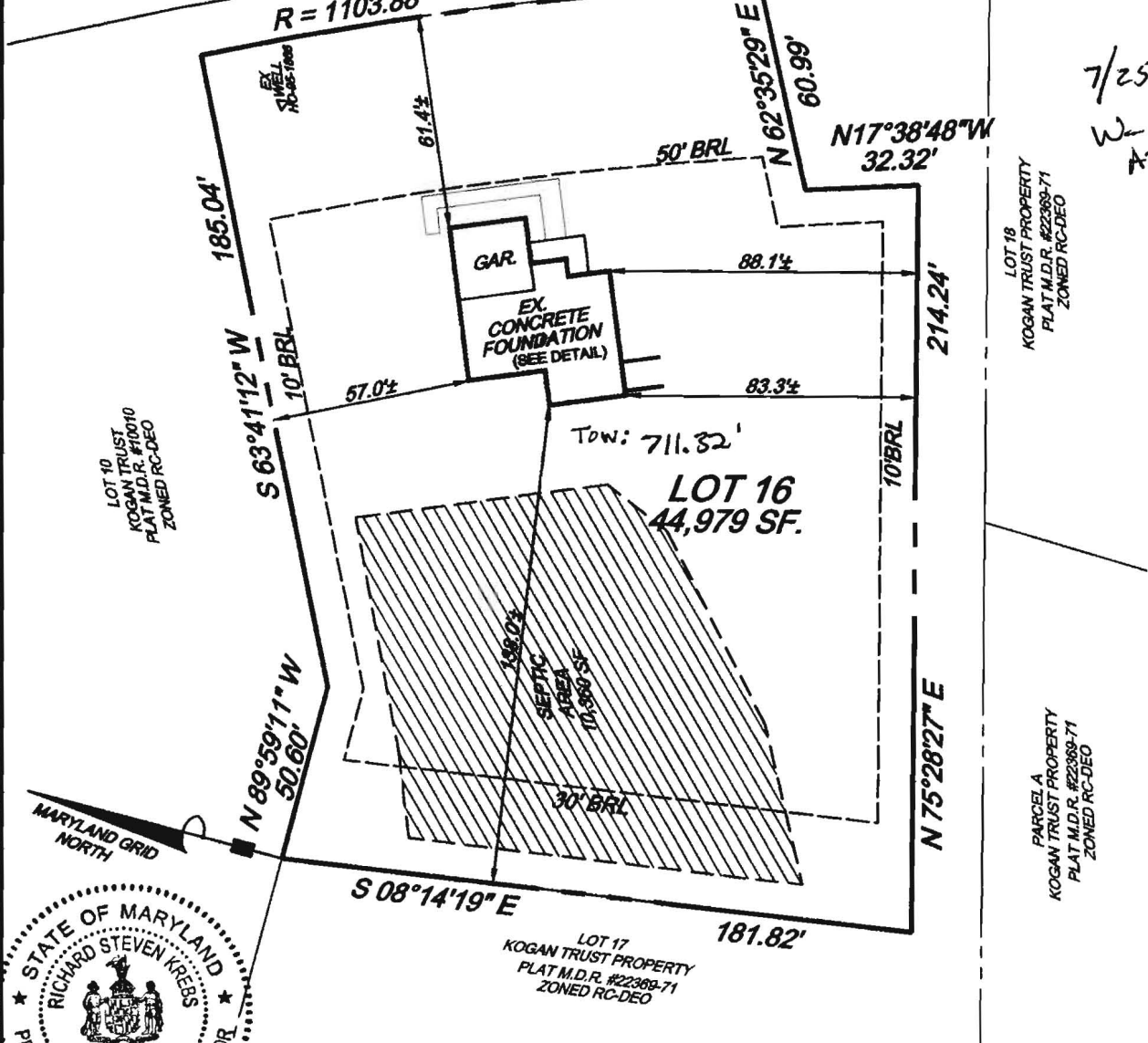
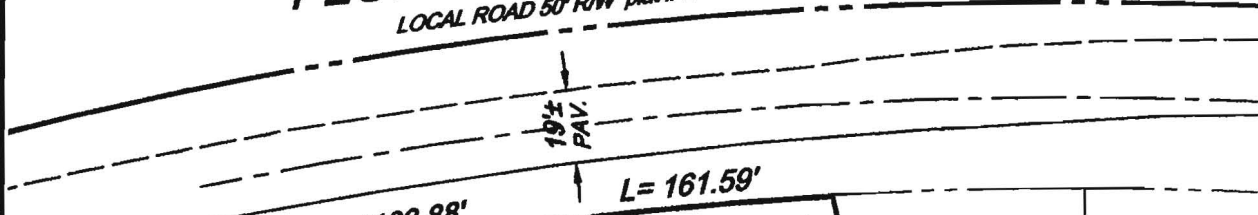
Thank you for visiting us today~

THE LOT SHOWN HEREON IS IN FLOOD
 ZONE "C" PER. F.E.M.A. FLOOD
 INSURANCE RATE MAP 2400440019B



FOUNDATION DETAIL
 1"=30'

FLORENCE ROAD
 LOCAL ROAD 50' RAW plat #10011



7/25/16
 Will check
 Approved
 -KMD



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"KOGAN TRUST PROPERTY"
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Richard S. Krebs
 MR. RICHARD S. KREBS MD. REG. NO. 10873 DATE: 07/19/2016
 EXP. DATE 4/24/18