



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: 5/20/14 **ONSITE SEWAGE DISPOSAL SYSTEM** P 546368

INSTALLATION APPROVAL DATE: 7/17/2014 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 2025 Drovers Lane
 SUBDIVISION: Vista Ridge LOT: 20 TAX ID: 04-595485
 CONTRACTOR: Fogles Septic Clean Inc. EMAIL: kurt@foglesinc.com
 CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670
 PROPERTY OWNER: DR Horton Inc. EMAIL: _____
 OWNER ADDRESS: 1356 Beverly Road Suite 300, McLean, VA 22101 PHONE: _____

BAT UNIT MODEL: Hoot BNR 600 BAT UNIT SIZE: 600 GPD
 PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____
 NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. _____ APPLICATION RATE: _____
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>See BAT Plan 156'</u>	INLET DEPTH: <u>See BAT Plan 45'</u>
	TRENCH WIDTH: <u>See BAT Plan 3'</u>	MAXIMUM BOTTOM DEPTH: <u>See BAT Plan 75'</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. <u>2 x 78' Trenches</u>	

ISSUED BY: Jeff Williams ISSUE DATE: 5/20/14 EXPIRATION DATE: 5/20/15

- 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

See As-Built Drawing
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
<u>3'</u>	<u>4.5'</u>	<u>7.5'</u>
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>154'</u>		
ABSORPTION AREA <u>462+Sidewall</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</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>Norweco</u>
CAPACITY	<u>1300</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1'-2'</u>
BAFFLES	<u>No</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front, Middle, Rear</u>
6" PORT LOC	<u>None</u>
WATERTIGHT TEST	<u>No</u>
SLOTTED	<u>N/A</u>
DATE ON LID	<u>Dry</u>

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____

PRE-CONSTRUCTION:

6/30/2014 Layout done. Two observational perc. test holes were dug. BB

INSTALLATION:

7/2 Working on plumbing to tank BB 7/3/2014 (AM)
Tank installed. House connection made. BB

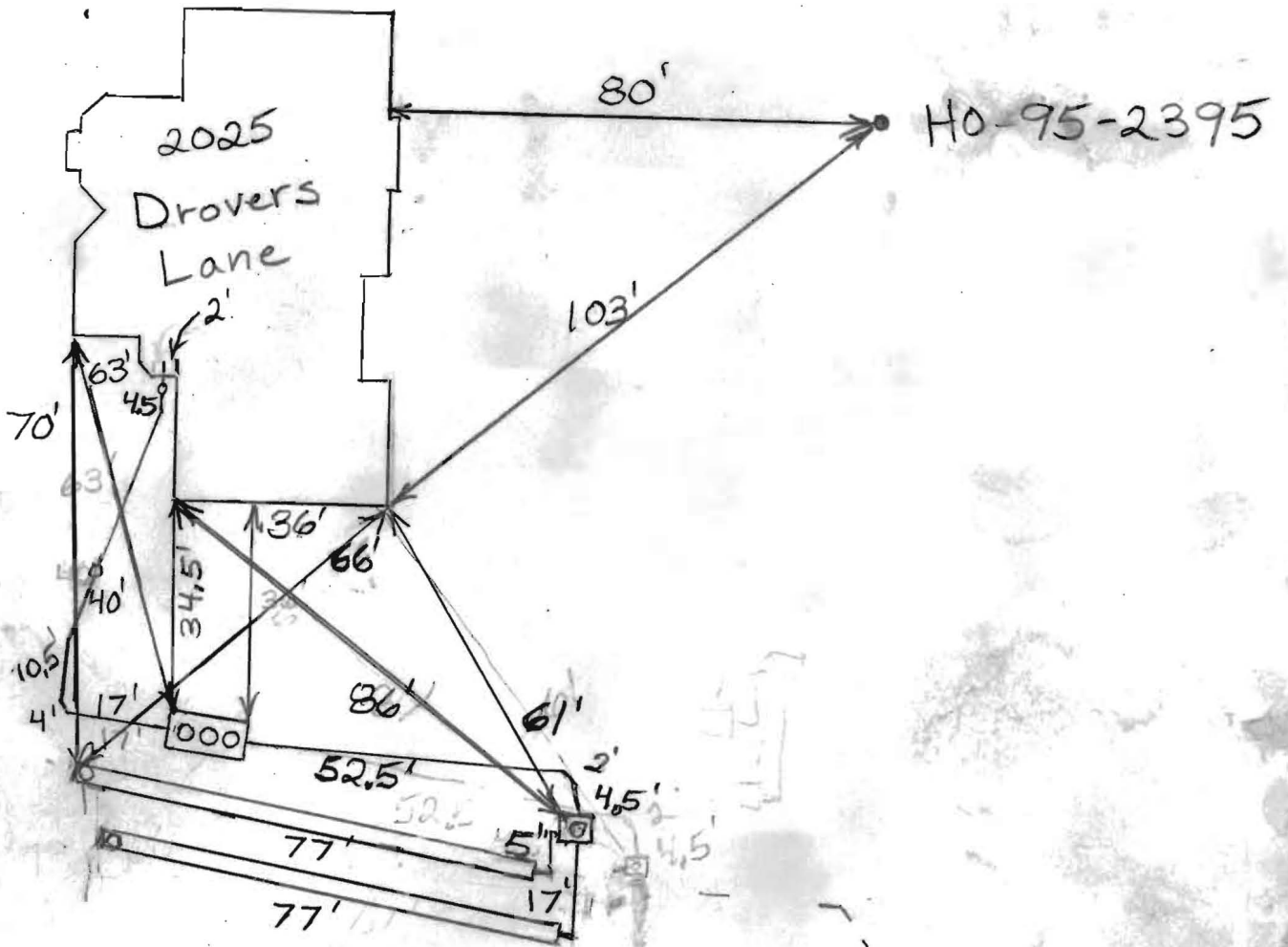
7/3/2014 (PM) Working on trenches. BB

7/7/2014 System finished except for certification by Norweco representative BB

7/17/2014 Received certification. BB

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 7/17/2014



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: D R Horton
Reference/Control #: 39

LR - Agreement Surcharge
1x 40.00 40.00

LR - Agreement Recording Fee
1x 20.00 20.00

Grantor/Grantee Name: D R Horton
Reference/Control #: 40

LR - Agreement Surcharge
1x 40.00 40.00

SubTotal: 120.00
Total: 120.00

REV-Check-BOA 120.00
Number : 4868647

05/12/2014 09:28
#2775059 /495/109

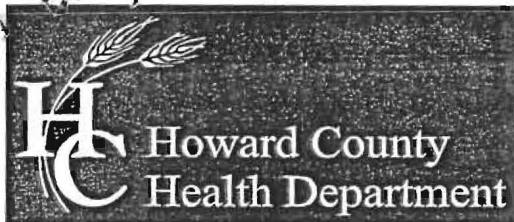
CC13-CH

~ Thank you for visiting us today ~

2025 Drivers Lane

2026 Drivers Lane

Cooksville



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

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 12th day of May 2014 among D.R. Horton, 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 2025 Drivers Lane Cooksville Md, 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 6934 Folio 509.

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 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.

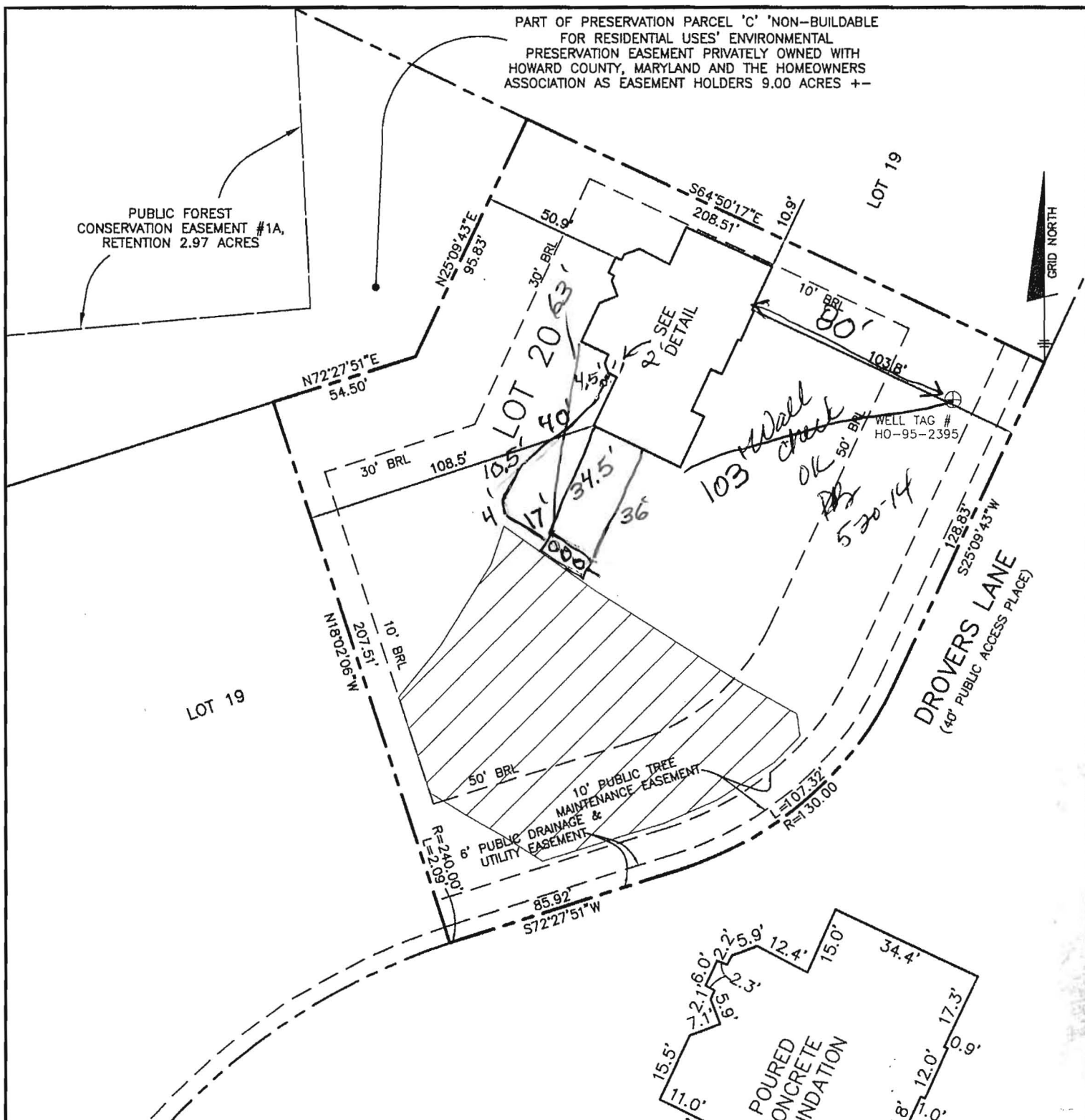
Lori Heilger 5/08/14
Owner Asst Secretary Date

Owner Date

Mark J. Davis 9/12/14
Howard County Health Department

PART OF PRESERVATION PARCEL 'C' 'NON-BUILDABLE FOR RESIDENTIAL USES' ENVIRONMENTAL PRESERVATION EASEMENT PRIVATELY OWNED WITH HOWARD COUNTY, MARYLAND AND THE HOMEOWNERS ASSOCIATION AS EASEMENT HOLDERS 9.00 ACRES +-

PUBLIC FOREST CONSERVATION EASEMENT #1A, RETENTION 2.97 ACRES



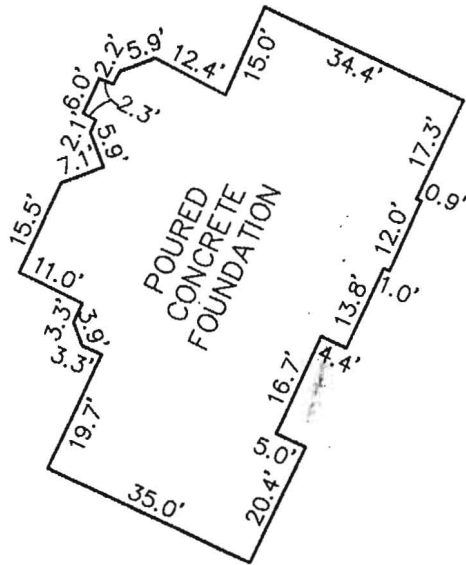
TOP OF FOUNDATION WALL ELEVATION = 641.7'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

SURVEYOR'S CERTIFICATE

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. 21320, EXPIRATION DATE 7-2015 AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. 3/10/14.

Donald A. Mason
 DONALD A. MASON
 PROFESSIONAL LAND SURVEYOR
 MD REG. No. 21320
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 FEMA FIRM No. 24027C0035D
 ZONE: X
 DATED: 11/06/2013

BENCHMARK ENGINEERING, INC.
 ENGINEERS • LAND SURVEYORS • PLANNERS
 8480 BALTIMORE NATIONAL PIKE • SUITE 315
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-6105 • fax: 410-465-6644
 www.bei-civilengineering.com



FOUNDATION DETAIL
 SCALE: 1" = 30'

**WALL CHECK
 VISTA RIDGE
 A RESUBDIVISION OF LOTS 1-4,
 CREATING LOTS 5 THRU 21
 PLAT No. 22433
 LOT No. 20**

2025 DROVERS LANE
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 03/10/14

Back River Pre-Cast, LLC

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

Letter of Certification

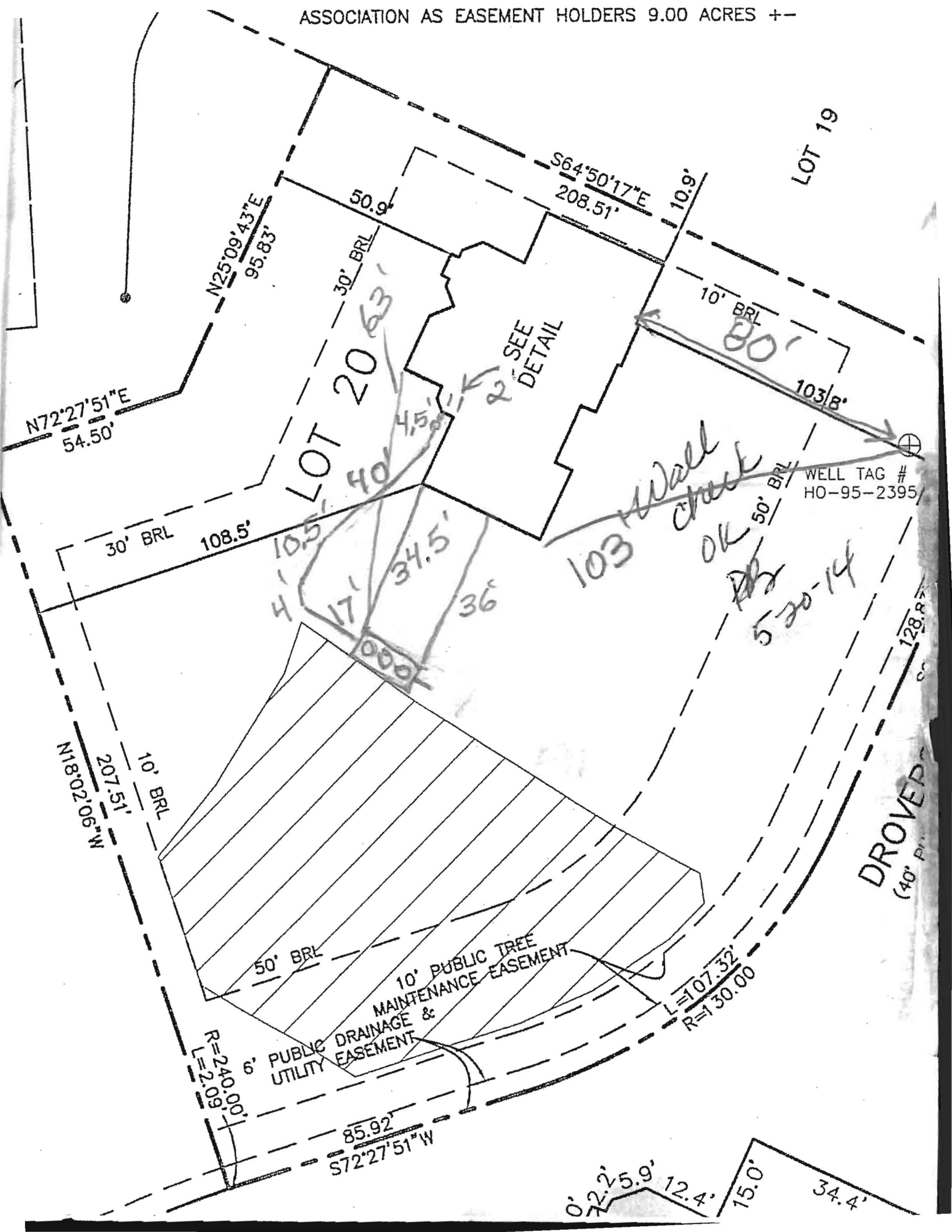
This is to certify that the Norweco Singulair TNT 600 GPD Septic Tank installed at 2025 Drovers Ln., Cooksville, MD 21723 July 2, 2014 was installed according to the manufacture's specifications.

Installer: Ricky Colson



MATTHEW GECKLE

Vice-President



N72°27'51"E
54.50'

N25°09'43"E
95.83'

S64°50'17"E
208.51'

LOT 19

LOT 20

SEE
DETAIL

10' BRL

80'

103/8'

30' BRL

108.5'

4' 10.5'
17'
34.5'

36'

103' Wall
crack
OK
5-20-14

WELL TAG #
HO-95-2395

N18°02'09"W
207.51'

10' BRL

50' BRL

R=240.00'
L=2.09'

6' PUBLIC UTILITY
EASEMENT
10' PUBLIC TREE
MAINTENANCE EASEMENT

85.92'
S72°27'51"W

L=107.32'
R=130.00'

DROVED
(40' PI.)

128.87'

72.2
25.9
12.4
15.0
34.4'