



**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: 2/18/16 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 558001-A

APPROVAL DATE: 5/2/16 **PERMIT: CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 11909 Northern Bell Way

SUBDIVISION: Greenberry LOT: 16 TAX ID: 05-598679

CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@comcast.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Road PHONE: 410-596-3618

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:  MDE  MANUFACTURER:

PROPERTY OWNER: NVR Inc. EMAIL: \_\_\_\_\_

OWNER ADDRESS: 9720 Patuxent Woods Road PHONE: 410-379-5956

BAT UNIT MODEL: Hoot 600BNR PUMP SIZE: 0.4HP PUMP TANK CAPACITY: 750 GAL

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 10/19/15 DATE RECORDED: 10/19/15

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>130</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>

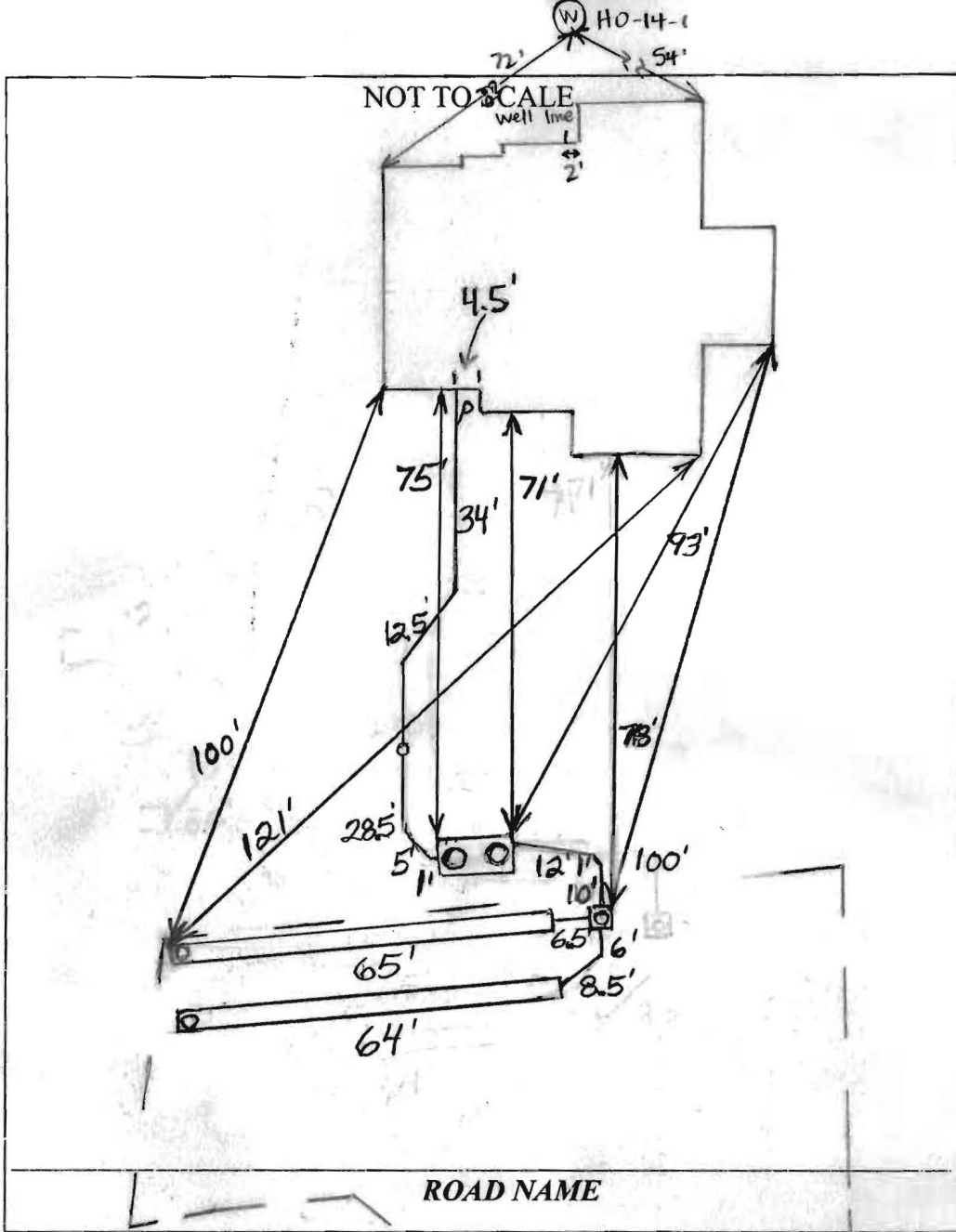
LOCATION: **PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.**

NOTES: install cleanout in SHC

ISSUED BY: Robert Bricker ISSUE DATE: 2/18/16 EXPIRATION DATE: 2/18/17

- 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  
 ELECTRICAL PERMIT ISSUED E 15006816
- 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		2
TOTAL LENGTH		129'
ABSORPTION AREA		387 + Sidewall
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Elbow
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	HOBT H660BNR
CAPACITY	1350 GAL
SEAM LOC	Top
TANK LID DEPTH	2-2.5'
BAFFLES	Front
BAFFLE FILTER	N/A
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	N/A
DATE ON LID	Dry

PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____

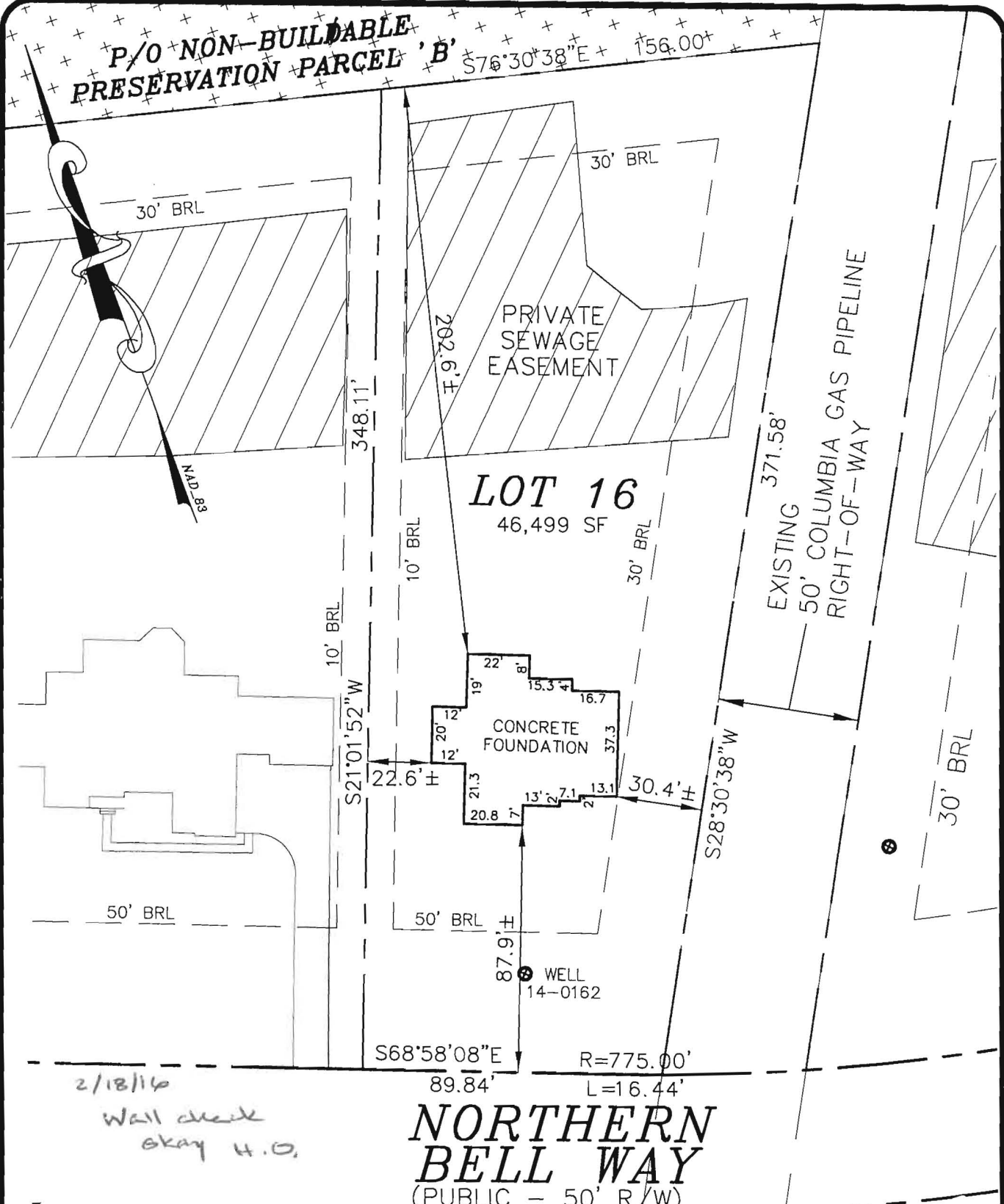
**PRE-CONSTRUCTION:**

3/21/16 On site for layout with South Carroll. All tank and SDA stakes present. Laid out 2" 65' trenches on contours. (SC)

INSTALLATION: 3/31/2016 System installed. Need BAT certification from manufacturer before approval. (BB) 4/28/16 On site for Hoob startup. Alarm sounds, pump pumps effluent to D-box (SC) 5/2/16 Hoob startup received. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 5/2/16

P/O NON-BUILDABLE PRESERVATION PARCEL 'B' S76°30'38"E 156.00'



**NORTHERN BELL WAY**  
(PUBLIC - 50' R/W)

ADDRESS: 11909 NORTHERN BELL WAY  
TOP OF WALL ELEV. = 575.9±  
FIRST FLOOR ELEV. = N/A

**LOT 16 GREENBERRY**

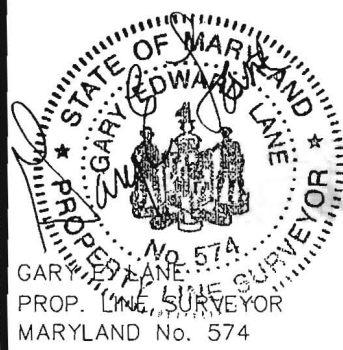
PLATS 23453-23461  
ELECTION DISTRICT No. 5  
HOWARD COUNTY, MARYLAND

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 574, EXPIRATION DATE: 03/21/17.

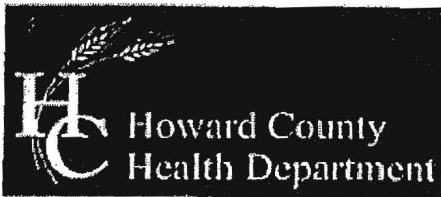
THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

**MILDENBERG BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors  
7350-B Grace Drive, Columbia, MD 21044  
(410) 997-0296 Balt. (410) 997-0298 Fax.



FOUNDATION	DATE: 02/02/16	FINAL LOCATION	DATE: N/A
DRAWN BY: MES	CHECKED BY: GEL	SCALE: 1"=50'	
PROJECT NO.: 15-005	LOCATION DRAWING		



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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 29<sup>th</sup> day of Sept, among SOOT 2015,  
NVR, 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  
11909 Northern Bellway, 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 \_\_\_\_\_ PLATH 23453

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 1700T 600 BNR

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

JW 8/8/2014

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.

Bert Ruffen 10/13/2015  
Howard County Health Department

[Signature] 9/13/15  
Owner #1 Signature Date

\_\_\_\_\_  
Owner#2 Signature Date

\_\_\_\_\_  
Owner #1 Print Name

\_\_\_\_\_  
Owner #2 Print Name

[Signature] 9/27/15  
Buyer #1 Signature Date

[Signature] 9/27/15  
Buyer #2 Signature Date

DAVID KIM  
Buyer #1 Print Name

Julia Kim  
Buyer #2 Print Name

GB 16

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: Kim  
Reference/Control #: 112

LR - Agreement Surcharge  
1x 40.00 40.00

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

REV-Check-BOA 60.00  
Number : 2988

10/19/2015 13:33 CC13-CH

#5021156 /495/109

Thank you for visiting us today~

# Letter of Satisfaction

## Hoot System Installation

Address of Property: 11909 Northern Bell Way  
Clarksville, MD. 21029

Date of Final Inspection: 4/28/16

Installer: South Carroll Backhoe Service

Hoot Technician/Inspector: Mike Sample

I hereby certify that the Hoot system installed at the property listed above has been installed according to proper Hoot installation practices. I have also verified the startup of the system and it is in proper working order.

Sincerely,

H. Michael Sayre

Name of Inspector  
Mayer Bros., Inc.

PH: 410-796-1434

**WBE**

FX: 410-796-1438

[www.mayerbrosprecast.com](http://www.mayerbrosprecast.com)

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Bench Barrier, Water Meter Vaults, Sectional Valve Vaults, Top Slabs, Curb Heads, Curb Bumpers,  
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