

Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
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www.hchealth.org
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Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 3/6/2020 **ONSITE SEWAGE DISPOSAL SYSTEM** P 567336-D

APPROVAL DATE: 6/2/2020 (ST) **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 1005 HIGH STEPPER TRAIL, SYKESVILLE, MD 21784

SUBDIVISION: WALKER MEADOWS LOT: 1 TAX ID: 03-601559

CONTRACTOR: SOUTH CARROLL BACKHOE EMAIL: SCBACKHOE@COMCAST.NET

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: NVR, INC. EMAIL: janastas@nvrinc.com

OWNER ADDRESS: 9720 PATUXENT WOODS DRIVE, COLUMBIA, MD 21046 PHONE: (410)379-5956

BAT UNIT MODEL: HOOT 600 BNR PUMP SIZE: 0.5 Hp PUMP TANK CAPACITY: 1500

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: _____ DATE RECORDED: _____

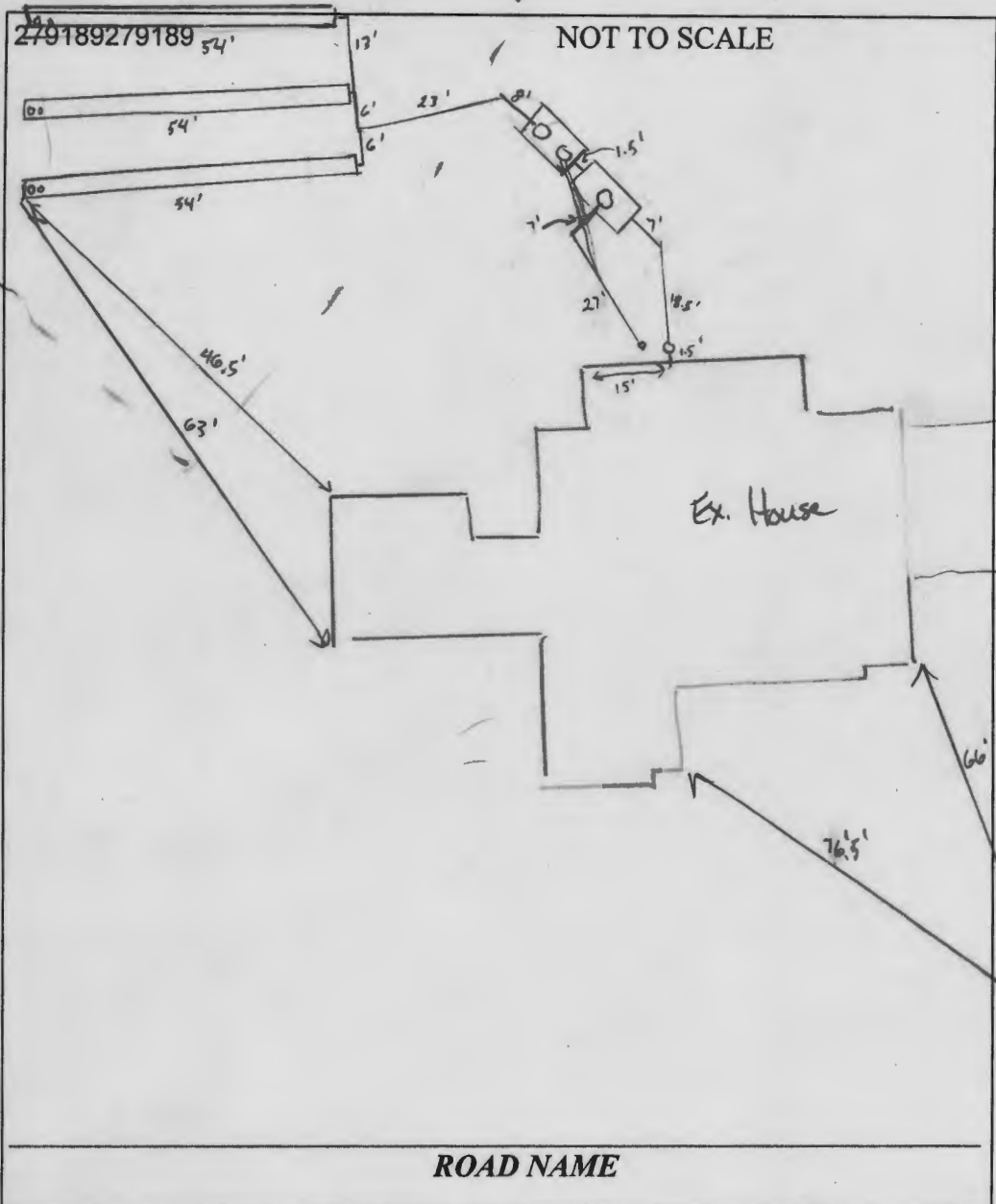
DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>159</u>	INLET DEPTH: <u>2.0</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>5.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.0</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:	RECOMMENDED EFFLUENT PUMP (FOR LPD SYSTEM) IS WE-05H, OR EQUIVALENT.	

ISSUED BY: R BRICKER ISSUE DATE: 3/6/2020 EXPIRATION DATE: 3/6/2021

- 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 20000684
- 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'	2'	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		162'
ABSORPTION AREA		486' sq ft
DISTRIBUTION BOX LEVEL		
DISTRIBUTION BOX BAFFLE		-
DISTRIBUTION BOX PORT		-

PRE-CONSTRUCTION:

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
MANUFACTURER	Hoot 600
CAPACITY	1250 GAL
SEAM LOC	top
TANK LID DEPTH	2'
BAFFLES	front
BAFFLE FILTER	
MANHOLE LOC	center
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	no
DATE ON LID	3-18-20
PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	Backriver
CAPACITY	1500 GAL
SEAM LOC	top
TANK LID DEPTH	30"
BAFFLES	-
BAFFLE FILTER	-
MANHOLE LOC	front-back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	3-18-20

3/25/20 Confirmed location of tank stakes. (ST)

INSTALLATION: 3/31/2020 2 of 3 trenches installed per plan. B" force main installed to pump tank. OK to cover work completed. (RM) → Due to crowd in out-back, this was what contractor explained was completed so far. Told them to send me pictures. (RM) 4/1/2020 SHC and tanks set. Final trench constructed and connected to FM. Reinspect for P/A. Addition added to right side of house (ST) 6/2/20 Hoot startup confirmed. Measured float heights, observed head coming out of laterals and separate breakers. Alarm located outside. (ST)

FINAL INSPECTOR Susan Thomas DATE OF APPROVAL 6/2/20



MAYER BROS., INC.

Precast Concrete Products

6264 Race Rd. Elkridge, MD 21075

Letter of Satisfaction Hoot System Installation

Address of Property: 1005 HIGH STEPPER TRAIL, HOWARD COUNTY, MD

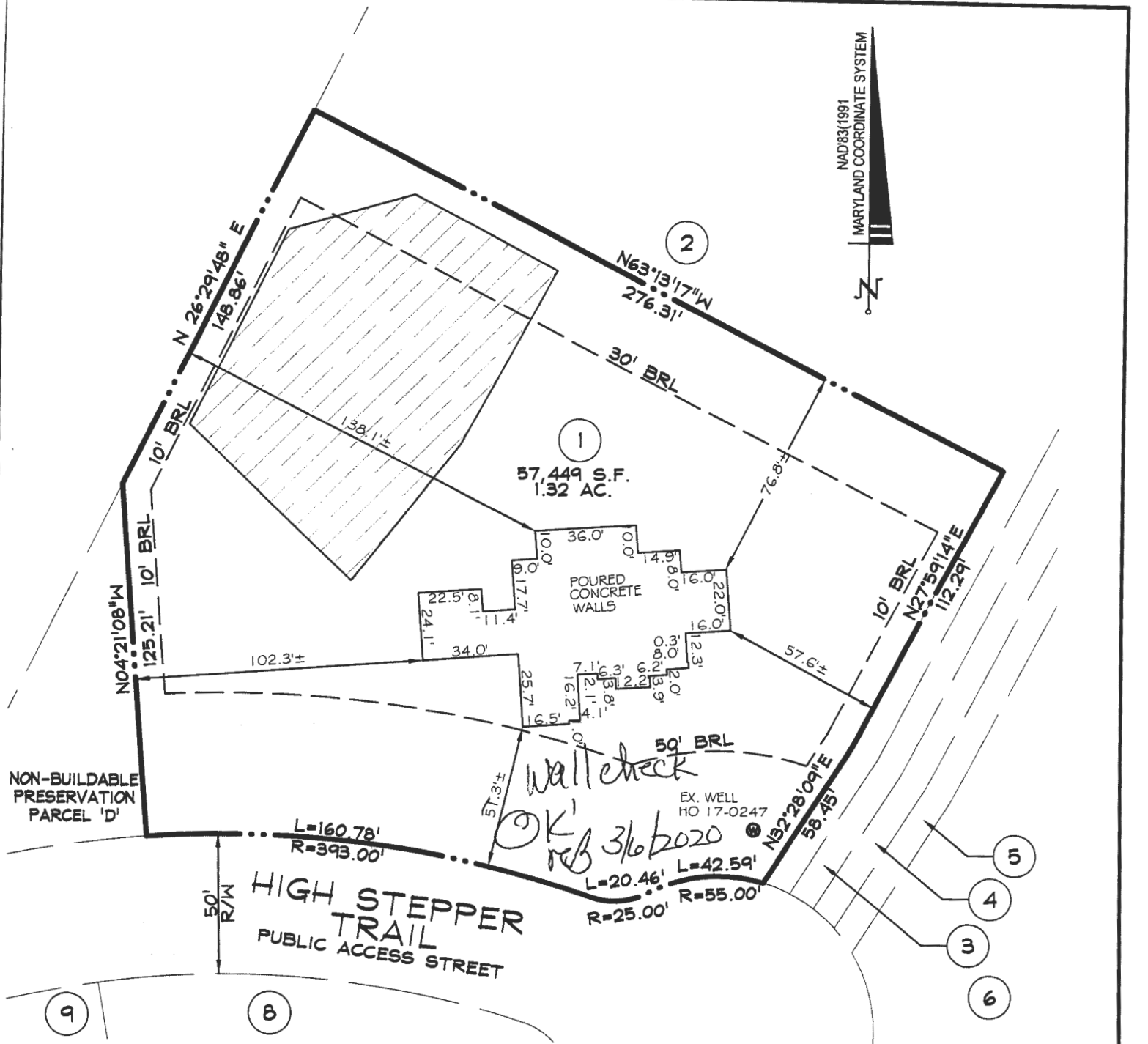
Date of Final Inspection: 6/2/20

Installer: SOUTH CARROLL

Hoot Technician/Inspector: ANDREW RUMBLE

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,



BRL - BUILDING RESTRICTION LINE

 PRIVATE SEWAGE DISPOSAL AREA

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I EITHER PERSONALLY PREPARED OR WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEYING WORK REFLECTED IN IT, AND THAT IT IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN REGULATION .12 OF CHAPTER 06, MINIMUM STANDARDS OF PRACTICE. I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE No. 11039, EXPIRATION DATE 09/16/20.



[Signature] 2/26/20

TOP OF WALL = 530.0

WALL CHECK
 1005 HIGH STEPPER TRAIL
 LOT 1
 WALKER MEADOWS
 PLAT NO. 24976
 3rd ELECTION DISTRICT HOWARD COUNTY, MD

DDC JOB#:	12064.3
DATE:	02/26/2020
SCALE:	1"=50'
DRN. BY:	CWJ
CHK. BY:	JLM



Planners
 Surveyors
 Engineers
 Landscape Architects

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 DDC@DDCinc.us
 www.DDCinc.us

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
	Diehl Property, Lot 2 Proposed Lot #1
*	Any septic system drain field installed in the area of this lot must have low-pressure distribution (LPD) design or an approved alternative design.
	R. Bueker 6/5/14
9/20/15	Septic system must include a BAT unit. Trench bottoms are limited to 5-foot depth.
	R. Bueker

