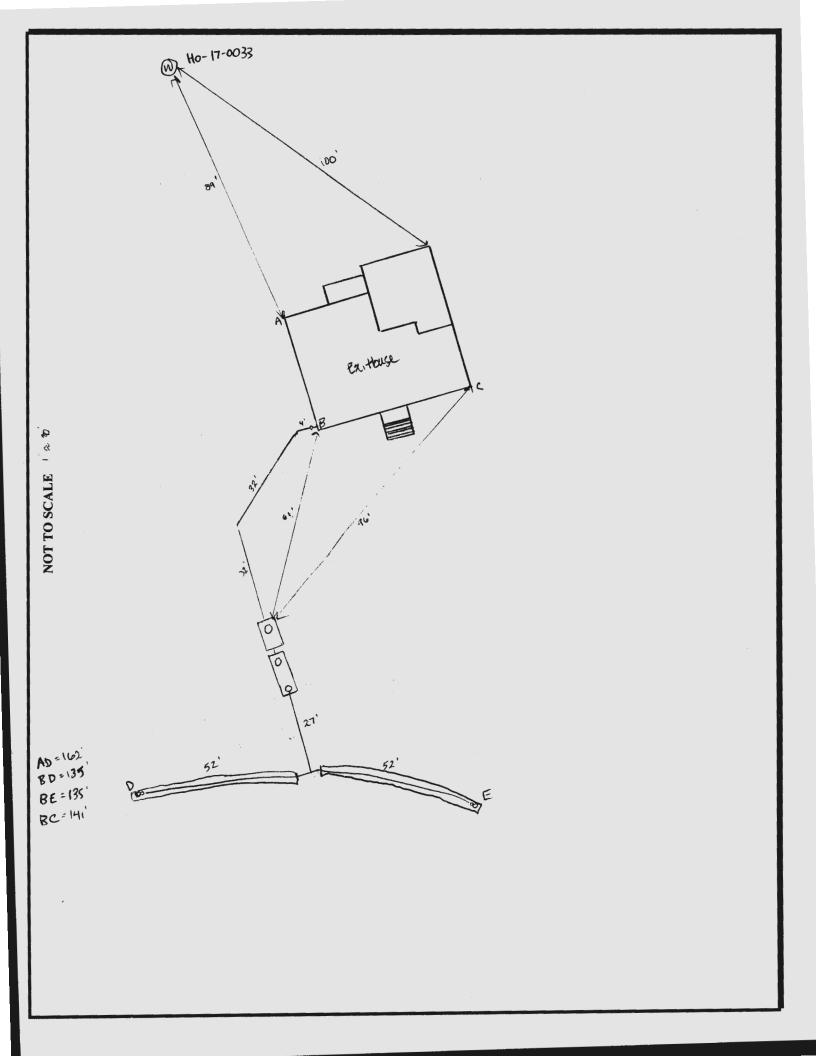
	ę.	Bureau of Environmental Health 8930 Stanford Boulevard, Columbia, MD 21045							
H.		Main: 410-313-2640 Fax: 410-313-2648 TDD 410-313-2323 Toll Free 1-866-313-6300							
	oward County ealth Department	www.hchealth.org							
	Facebook: www.facebook.com/hocohealth Maura J. Rossman, M.D., Health Officer								
	P	PERMIT: CONSTRUCTION							
APPROVAL	UNIC. Id /17 10000	ING PLACE, SYKESVILLE, MD 21784							
SUBDIVISIO									
CONTRACTO		EMAIL:							
CONTRACTOR		PHONE:							
CONTRAC	TOR CERTIFIED FOR BAT INS	TALLATION: MDE MANUFACTURER: 1400							
PROPERTY O	OWNER: NVR, INC.	EMAIL: janastas@nvrinc.com							
OWNER ADD	RESS: 9720 PATUXENT	VOODS DRIVE, COLUMBIA, MD 21046 PHONE: (410)379-5956							
BAT UNIT M	ODEL: HOOT 600 BNR	PUMP SIZE: 0.3 Hp PUMP TANK CAPACITY: 1500							
OPERATION 8	MAINTENANCE AGREEME	VT DATE SIGNED: 8122 DATE RECORDED: $8/18/12$							
DISTRIBUTIC	ON SYSTEM: 🔲 GRAV	TY PRESSURE DOSED BEDROOMS: <u>5</u> APPLICATION RATE: <u>1.2</u>							
	LINEAR FEET REQUIRED:	104 INLET DEPTH: 2.0							
TRENCHES:	TRENCH WIDTH:								
	MINIMUM SPACE BETWEEN TRENCHES:								
LOCATION:		N. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED							
NOTES:	INSTALL CLEANOUT IN SHC NEAR FOUNDATION.								
ISSUED BY:	R BRICKER	ISSUE DATE: 10-30-20 EXPIRATION DATE: 10-6-21							
NOTE: CON	TRACTOR MUST SCHEDULE	A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION							
		AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING							
	NE MUST BE APPROVED BY TERTIGHT SEP T IC TANKS REC	HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR R EVIEW.							
		HALL 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									
	NDIVIDUAL CERTIFIED BY N ING BAT INSTALLATION.	IDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES							
NOTE: MDE	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.									
		INSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.							
	CA								

TRENCH/DRAINFIELD DATA NOT TO SCALE WIDTH INLET BOTTOM 3' 5 2' NUMBER OF TRENCHES TOTAL LENGTH 104 ABSORPTION AREA 312 so ft - siden !! DISTRIBUTION BOX LEVEL DISTRIBUTION BOX BAFFLE * set attached DISTRIBUTION BOX PORT N/A SEPTIC TANK DATA SEPTIC TANK 1 LEVEL US MANUFACTURER Host CAPACITY 250 GAL SEAM LOC top TANK LID DEPTH _____ BAFFLES BAFFLE FILTER MANHOLE LOC front 6" PORT LOC WATERTIGHT TEST -SLOTTED - -DATE ON LID 11-(1-2.) PUMP/SEPTIC TANK LEVEL (P) MANUFACTURER Backriver CAPACITY 500 GAL top SEAM LOC TANK LID DEPTH 2 BAFFLES Front BAFFLE FILTER MANHOLE LOC Fight + back 6" PORT LOC WATERTIGHT TEST ~ SLOTTED DATE ON LID 11-12-20 **ROAD NAME** PRE-CONSTRUCTION: 2 × 52' trenches according to plan. Trench eloser to incure has out 11/19/2020 Laid 17985 will be remove though likes 6001 INSTALLATION: 11/24/2020 HOOT Tank and pupp fank set. sever line constructed perforations 36" apart 11 2×52' trenches constructed Reinspect Two laterak with 17 SHC 12/2/2020 Observed SHC (3) T startip, pump no START UP LETTER PUMP+ NAITING ටුළුල ALARA FUNCTION 2020 RECEIVED STAFT UP LETTER . DATE OF APPROVAL 12/14/2020 FINAL INSPECTOR 00199-





MAYER BROS., INC. Precast Concrete Products 100 Sharp Rd. Denton, MD 21629 PH: 410-796-1434 info@mayerprecast.com - www.mayerprecast.com

Letter of Satisfaction Hoot System Installation

Address of Property: 1052 Stepping Place
Sykesville, MO. 21784
Date of Final Inspection: 12/9/20
Installer: South Carroll Backhoe Service
HOOT Technician/Inspector: Mik 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 that it is in proper working order.

Sincerely,

W. micharl Sarple

Name of Inspector Mayer Bros., Inc., O.S.I.S., LLC

O.S.I.S. - Onsite Septic Inspection & Servic 100 Sharp Rd., Denton, MD 21629 410-796-1434 - www.osisllc.com



Onsite Septic Inspection & Service



Bureau of Environmental Health 8930 Stanford Blvd | Columbia, MD 21045 410.313.2640 - Voice/Relay 410.313.2648 - Fax 1.866.313.6300 - Toll Free

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 $\frac{18^{th}}{24}$ day of $\frac{4430^{th}}{5000}$, among NVHomes/Irdie Ladon Douglas , 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 <u>1052 Stepping Pl Sykesville, MD 21784</u>, in the <u>3</u> Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # <u>0009</u>, Block # ____, Parcel # <u>0066</u>, Deed Reference # <u>24974-79</u> and Tax Account # <u>601574</u> ("the Property").

WHEREAS, The Property 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 November 24, 2016. The pre-treatment device being installed is

Hoot 600

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice 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.

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 Property shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as

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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 Property that the system shall require maintenance or other attention. Upon taking title to the Property, 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.

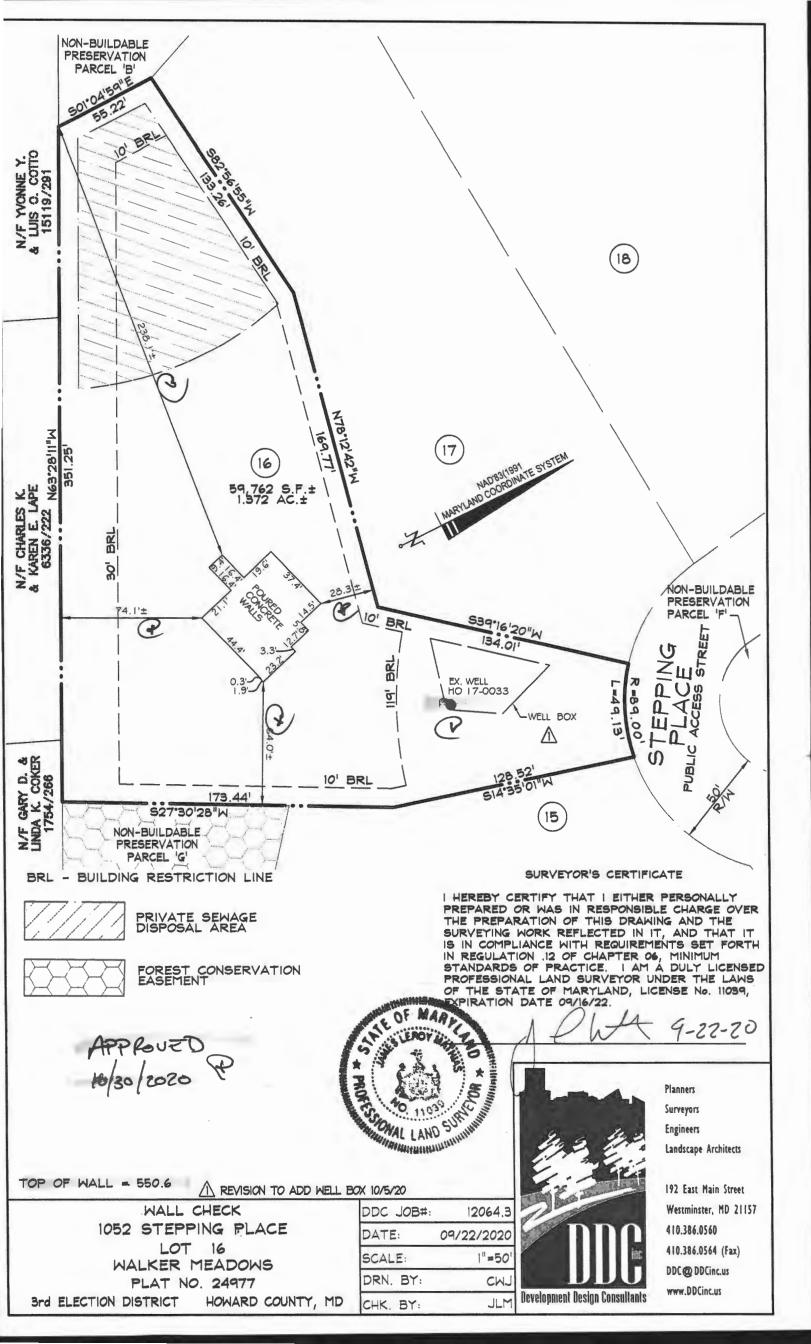
J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

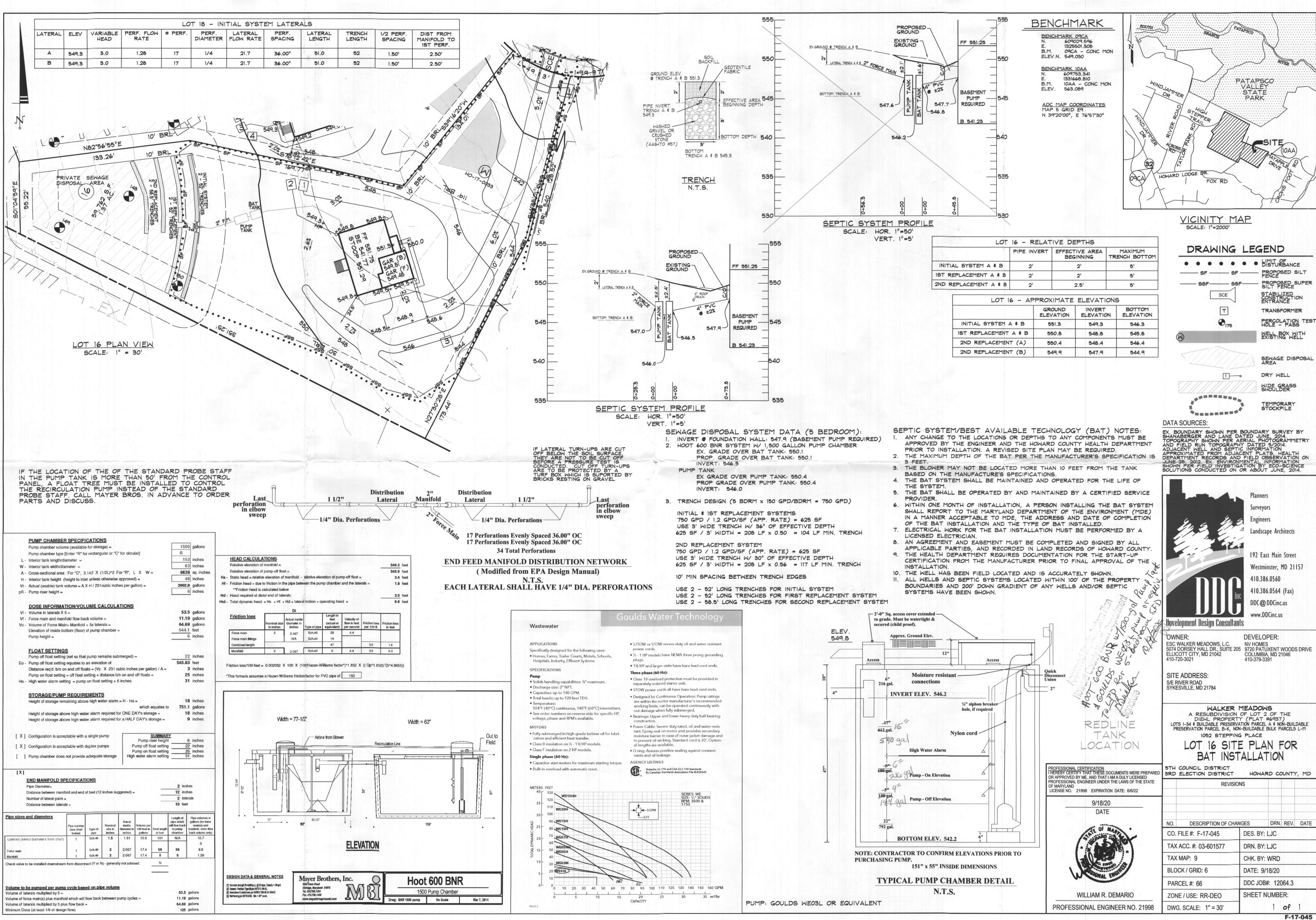
IN WITNESS WHEREOF, the parties have signed this agreement on the date indicated above.

Minfon 8/18/2020

Howard County Health Department

8/13/20		
Winer #1 Signature Date	Owner#2 Signature	Date
Jimmy Anastesia Mor,		
Owner #1 Print Name Mu Hones.	Owner #2 Print Name	
DocuSigned by: In high Douglas 6/28/2020		
Buyer #1 Signature Date	Buyer #2 Signature	Date
Irdie Ladon Douglas		
Buyer #1 Print Name	Buyer #2 Print Name	

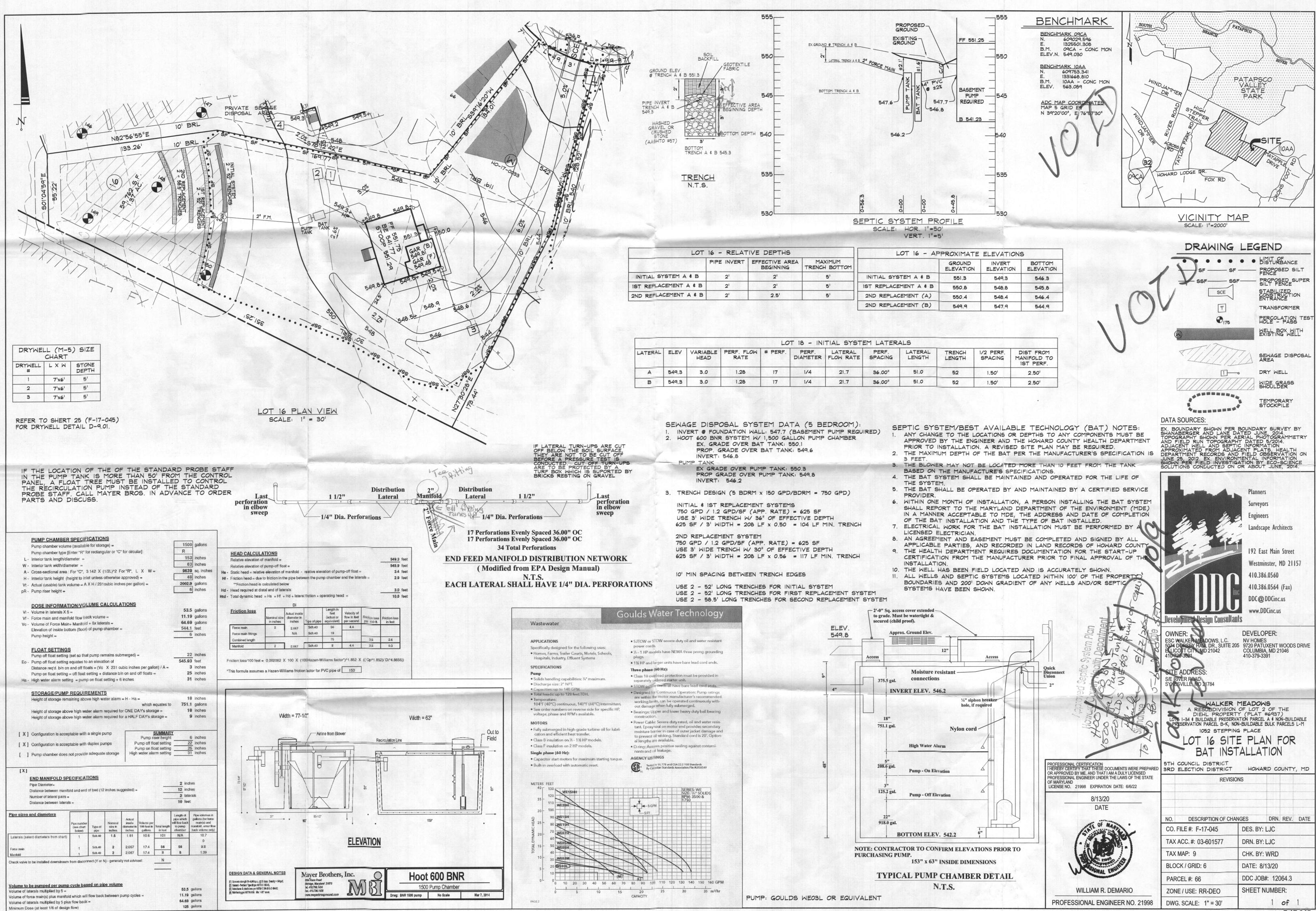




		16 - R				
		PIPE IN	VERT		IVE AREA	 AXIMUM CH BOTTOM
INITI	AL SYSTEM A & B	2'	2'		2'	5'
IST R	EPLACEMENT A & B	2'			2'	5'
2ND R	REPLACEMENT A & B	2'			2.5'	5'
			GR		ELEVATI INVERT	BOTTOM
					ELEVATIO	
	INITIAL SYSTEM	A ¢ B	5	51.3	549.3	546.3
	IST REPLACEMENT	A & B	5	50.8	548.8	545.8
	2ND REPLACEMEN	T (A)	5	50.4	548.4	546.4

WILLIAM R. DEMARIO					
ROFESSIONAL ENGINEER NO. 2199	8				

NO. DESCRIPTION OF CH	IANGES	DRN.	REV.	DATE		
CO. FILE #: F-17-045	DES. BY	LJC				
TAX ACC. #: 03-601577	DRN. BY	: LJC				
TAX MAP: 9	CHK. BY: WRD					
BLOCK / GRID: 6	DATE: 9/18/20					
PARCEL #: 66	DDC JOE	3#: 120	064.3			
ZONE / USE: RR-DEO	SHEET	NUMB	ER:			
DWG. SCALE: 1" = 30'		1	of	1		
	and the second	and the second	-			



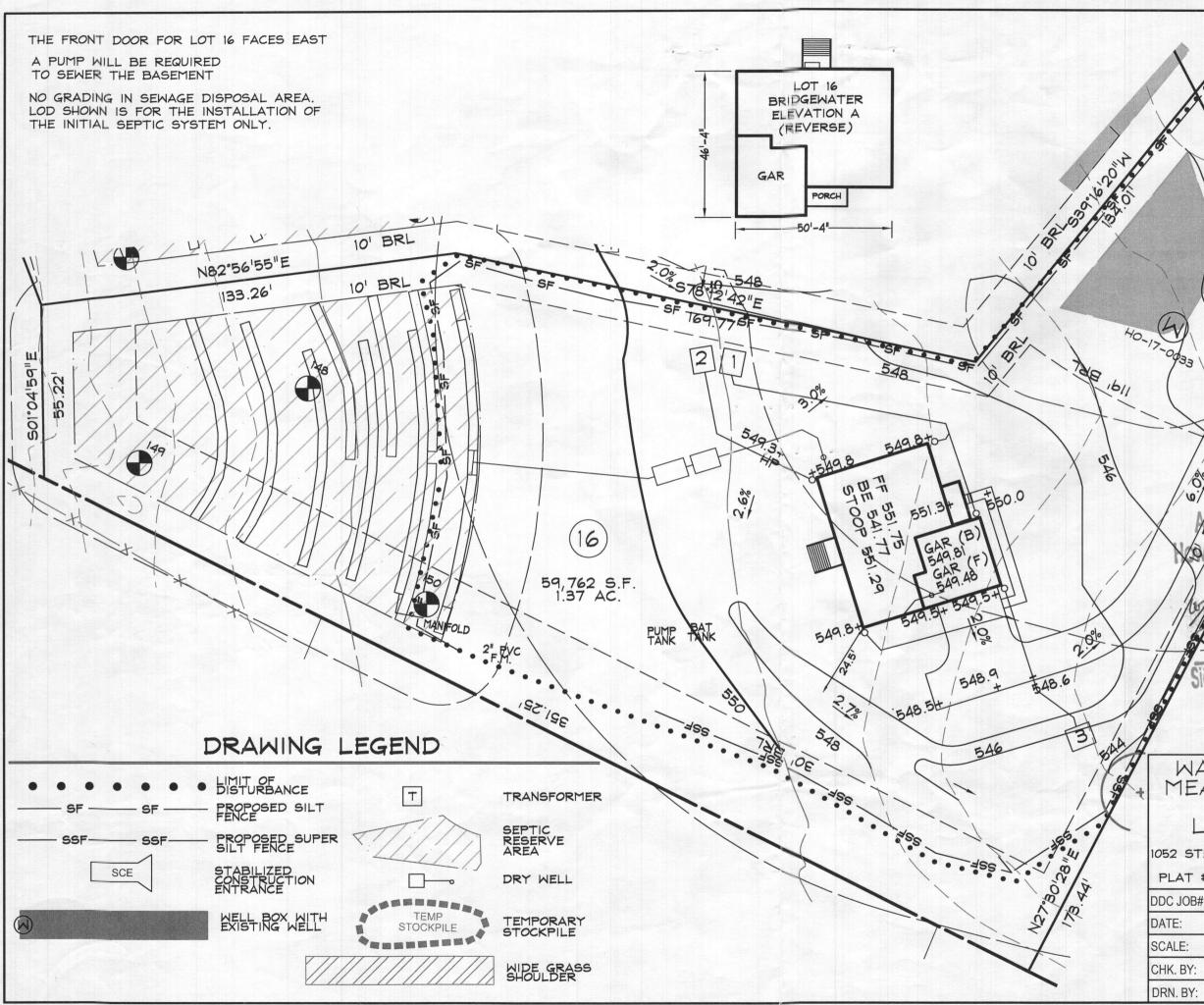
	PIPE INVERT TRENCH A & B 549.3 WASHED GRAVEL OR GRAVEL OR GRUSHED STONE (AASHTO #57) 3' BOTTOM TRENCH	BOTTOM DEP	PTH 540		547.6
V V	TRENO		535	9	DEPTIC SYSTEM PE SCALE: HOR. 1"= VERT. 1":
	LOT	16 - RELAT	IVE DEPTHS		LOT 16 - A
		PIPE INVERT	EFFECTIVE AREA BEGINNING	MAXIMUM TRENCH BOTTOM	
	INITIAL SYSTEM A & B	2'	2'	5'	INITIAL SYSTEM A & B

				LO	T 18 - INI	TIAL SYSTI	EM LATER	ALS
LATERAL	ELEV	VARIABLE HEAD	PERF. FLOW RATE	# PERF.	PERF. DIAMETER	LATERAL FLOW RATE	PERF. SPACING	LATERAL LENGTH
A	549.3	3.0	1.28	17	1/4	21.7	36.00"	51.0

	TAGE DIGI COAL OTOTET DATA (S DEDICOTT).	SE
	INVERT @ FOUNDATION WALL: 547.7 (BASEMENT PUMP REQUIRED) HOOT 600 BNR SYSTEM W/ 1,500 GALLON PUMP CHAMBER EX. GRADE OVER BAT TANK: 550.1 PROP. GRADE OVER BAT TANK: 549.6	1.
	INVERT: 546.8 PUMP TANK	2.
	EX GRADE OVER PUMP TANK: 550.3	З.
	PROP GRADE OVER PUMP TANK: 549.8 INVERT: 546.2	4.
з.	TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)	5.
	INITIAL & IST REPLACEMENT SYSTEMS 750 GPD / 1.2 GPD/SF (APP. RATE) = 625 SF USE 3' WIDE TRENCH W/ 36" OF EFFECTIVE DEPTH	6.
	625 SF / 3' WIDTH = 208 LF x 0.50 = 104 LF MIN. TRENCH	7.
	2ND REPLACEMENT SYSTEM 750 GPD / 1.2 GPD/SF (APP. RATE) = 625 SF	8.
	USE 3' WIDE TRENCH W/ 30" OF EFFECTIVE DEPTH 625 SF / 3' WIDTH = 208 LF x 0.56 = 117 LF MIN. TRENCH	9.
	10' MIN SPACING BETWEEN TRENCH EDGES	10.

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STEPPING 536.800 PLACE 535 99 3 Ô, VO. 136 23 6 542 BR ō 0 tic System Plan A Sept and a Health Department 0 bedroom basement finished bed room & bath has 9 2020 3 Date M Signature LOT 16 BUILDING PERMIT PLOT PLAN WALKER Planners MEADOWS Surveyors Engineers LOT 16 Landscape Architects 1052 STEPPING PLACE PLAT #24974-24979 192 East Main Street DDC JOB#: 12064.3 Westminster, MD 21157 410.386.0560 DATE: 06/30/2020 410.386.0564 (Fax) SCALE: 1" = 30 DDC@DDCinc.us CHK. BY: WRD www.DDCinc.us Development Design Consultants DRN. BY: LJC/AJS