



**Howard County
Health Department**

Maura J. Rossman, M.D., Health Officer

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

RECEIPT DATE: 10/6/20

ONSITE SEWAGE DISPOSAL SYSTEM

P 572811-D

APPROVAL DATE: 12/09/2020

PERMIT: CONSTRUCTION

A

PROPERTY ADDRESS: 12241 MAYAPPLE DRIVE, SYKESVILLE, MD 21784

SUBDIVISION: WALKER MEADOWS

LOT: 24 32 TAX ID: 03-601596

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: 1.0 Hp

PUMP TANK CAPACITY: 1500

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED: 8/18/2020

DATE RECORDED: 8/18/2020

DISTRIBUTION SYSTEM: GRAVITY

PRESSURE DOSED

BEDROOMS: 5

APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>224</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>2.5</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 AT LEAST CLEANOUT IN SHC USE 1/4" PERFORATIONS IN LATERALS. RECOMMENDED EFFLUENT PUMP (FOR LPD SYSTEM) IS WE-10H, OR EQUIVALENT. SYSTEM MUST PASS A PUMP AND ALARM TEST PRIOR TO ISSUE OF ICOP.	

ISSUED BY: R BRICKER

ISSUE DATE: 10/30/20

EXPIRATION DATE: 10/6/21

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 20004937

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.

NOT TO SCALE

* see attached diagram

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 2' 5'

NUMBER OF TRENCHES 4

TOTAL LENGTH 226'

ABSORPTION AREA 678 sq ft + Sidewall

DISTRIBUTION BOX LEVEL N/A

DISTRIBUTION BOX BAFFLE N/A

DISTRIBUTION BOX PORT N/A

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL

MANUFACTURER Hoot

CAPACITY 600 GAL

SEAM LOC top

TANK LID DEPTH 2.5'

BAFFLES front

BAFFLE FILTER -

MANHOLE LOC front

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED -

DATE ON LID 9/30/2020

PUMP/SEPTIC TANK LEVEL

MANUFACTURER Backriver

CAPACITY 1500 GAL

SEAM LOC top

TANK LID DEPTH 2'

BAFFLES -

BAFFLE FILTER -

MANHOLE LOC front + back

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED -

DATE ON LID 9/30/2020

PRE-CONSTRUCTION:

INSTALLATION:

11/10/2020 Manifold and trenches A and B installed (A: 19 holes 36" apart, B: 16 holes 42" apart) (SP)
11/16/2020 INSTALLED MID TRENCH. (P)
11/18/2020 Last trench (C) installed, with 15 perfs 45" apart, length of 56'. (SP)
12/09/2020 P/A OK. AWAITING START UP LETTER (P)

FINAL INSPECTOR

DATE OF APPROVAL

12/09/2020



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: 12241 Mayapple Dr.
Sykesville, MD 21704

Date of Final Inspection: 12/9/20

Installer: South Carroll Backhoe Service

HOOT Technician/Inspector: Mike Sample

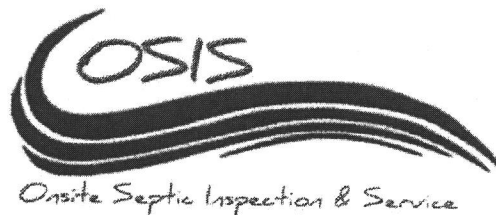
I hereby certify that the Hoot System installed at the property listed above has been installed according to proper Hoot installation practices. I have also verified the startup of the system and that it is in proper working order.

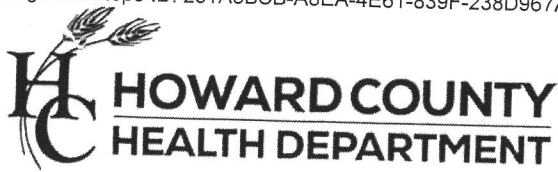
Sincerely,

W. Michael Sayler

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

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





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 18th day of August, 2020, among NVHomes/Joshua Berstein/ Ritu Prasad, 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 12241 Mayapple Dr Marriottsville MD 21104, in the 3 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 # 0009, Block # , Parcel # 0066, Deed Reference # 24974-79 and Tax Account # 601590 ("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

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.

Bert Rifon 8/18/2020
Howard County Health Department

[Signature] 01/13/2020
Owner #1 Signature Date

Owner #2 Signature Date

Jimmy Analesia Special Assignment
Owner #1 Print Name Mgr. NU Home S.

Owner #2 Print Name

DocuSigned by:
Joshua I. Bernstein 6/22/2020
6AC0DF4A9221AE...
Buyer #1 Signature Date

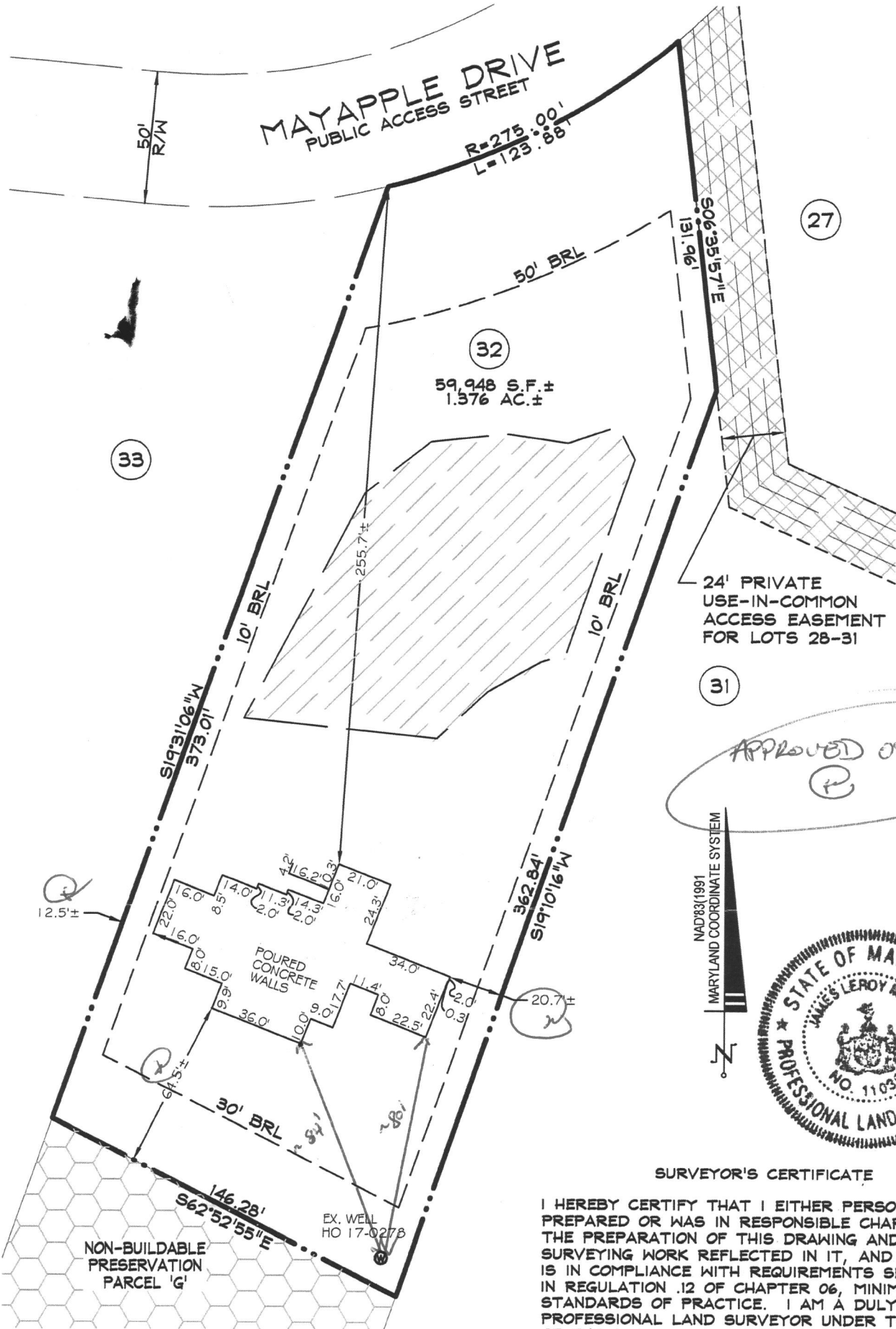
DocuSigned by:
Ritu Prasad 6/22/2020
925937C0D30A4F7...
Buyer #2 Signature Date

Joshua Ian Bernstein

Ritu Prasad

Buyer #1 Print Name

Buyer #2 Print Name



MAYAPPLE DRIVE
PUBLIC ACCESS STREET
R=275.00'
L=123.88'

59,948 S.F. ±
1.376 AC. ±

24' PRIVATE
USE-IN-COMMON
ACCESS EASEMENT
FOR LOTS 28-31

APPROVED 09/29/2020

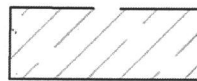




SURVEYOR'S CERTIFICATE

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.

J. Mathias 9/10/20

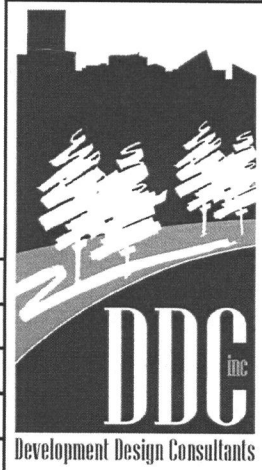
BRL - BUILDING RESTRICTION LINE

-  PRIVATE SEWAGE DISPOSAL AREA
-  FOREST CONSERVATION EASEMENT
-  PRIVATE USE IN COMMON ACCESS EASEMENT

TOP OF WALL = 582.2

WALL CHECK
12241 MAYAPPLE DRIVE
LOT 32
WALKER MEADOWS
PLAT NO. 24977
3rd ELECTION DISTRICT HOWARD COUNTY, MD

DDC JOB#:	12064.3
DATE:	09/10/2020
SCALE:	1"=50'
DRN. BY:	CWJ
CHK. BY:	JLM

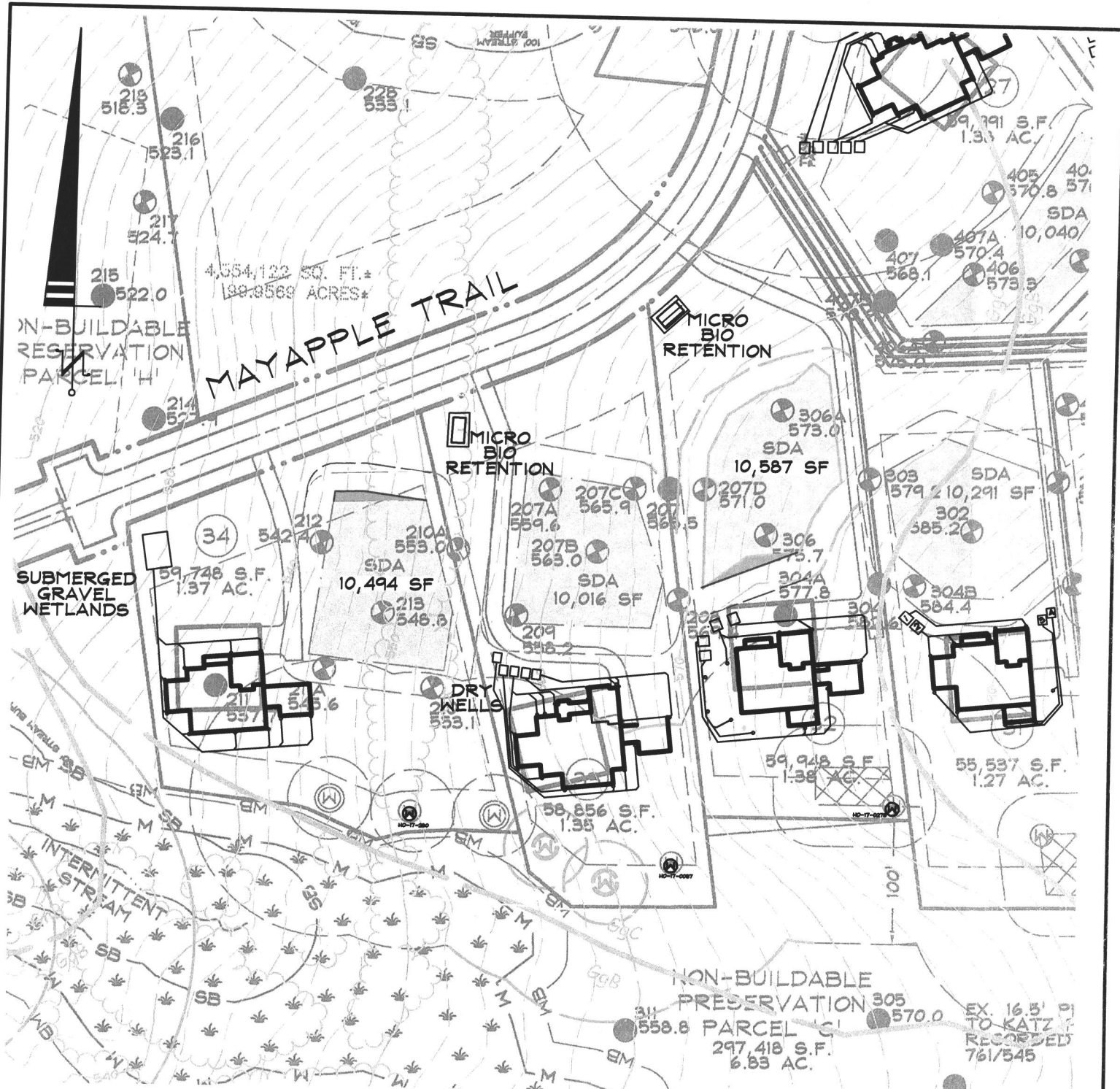


Planners
Surveyors
Engineers
Landscape Architects

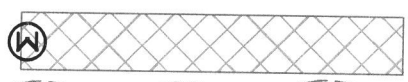
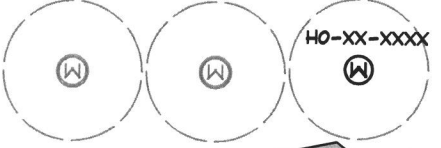
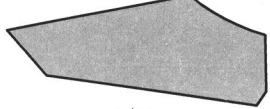




192 East Main Street
Westminster, MD 21157
410.386.0560
410.386.0564 (Fax)
DDC@DDCinc.us
www.DDCinc.us

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
	Diehl Property, Lot 2 Proposed Lot # 25 #32 reb 6/25/15
*	Any septic system drain field installed in the area of this lot must have low-pressure distribution (LPD) design or an approved alternative design.
	K Brinkley 6/5/2014
9/26/15	Septic system must include a BAT unit.
R Buckner	Trench bottoms are limited to 5-ft depth



DRAWING LEGEND

-  WELL BOX WITH EXISTING WELL
-  EXISTING WELL & ALTERNATE WELL SITES
-  SEWAGE DISPOSAL AREA
-  DRY WELL
-  MICRO-BIO RETENTION (SWM)
-  PT # FAILED PERCOLATION TEST HOLE
-  PT # PASSED PERCOLATION TEST HOLE

- NOTES**
- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MD DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
 - TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE-FOOT INTERVALS ARE REQUIRED FOR MOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTHS LESS THAN TWO FEET) AND HAS BEEN VERIFIED OR FIELD RUN.
 - ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 - THE LOT SHOWN HEREON WAS RECORDED ON PLAT #24978. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.



THE PURPOSE OF THE REVISION SHOWN HEREON IS TO ALLOW FOR LONGER TRENCH LENGTHS SO THE DESIRED NUMBER OF BEDROOMS CAN BE ACHIEVED.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
[Signature] 8/17/20
 HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. / DATE

Planners
 Surveyors
 Engineers
 Landscape Architects

192 East Main Street
 Westminster, MD 21157
 410.386.0560
 410.386.0564 (Fax)
 DDC@DDCinc.us
 www.DDCinc.us



Development Design Consultants

**WALKER MEADOWS
 LOTS 32 & 34
 PERC CERT REVISION
 F-17-045**

DDC JOB#:	12064.3
DATE:	6-2-20
SCALE:	1"=100'
CHK. BY:	JLM
DRN. BY:	LJC