



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: 6/15/20

ONSITE SEWAGE DISPOSAL SYSTEM

P 567870-0

APPROVAL DATE: 8/13/20 RE

PERMIT: CONSTRUCTION

A

PROPERTY ADDRESS: 1036 STEPPING PLACE, SYKESVILLE, MD 21784

SUBDIVISION: WALKER MEADOWS

LOT: 20

TAX ID: _____

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: _____

GOULDS

WE 0.3 L

PUMP TANK CAPACITY: 1500

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED: _____

DATE RECORDED: _____

DISTRIBUTION SYSTEM:

☐

GRAVITY

☒

PRESSURE DOSED

BEDROOMS: 5

APPLICATION RATE: 1.2

TRENCHES:

LINEAR FEET REQUIRED: 104

INLET DEPTH: 2.0

TRENCH WIDTH: 3.0

MAXIMUM BOTTOM DEPTH: 5.0

MINIMUM SPACE

BETWEEN TRENCHES: 10

EFFECTIVE AREA BEGINNING DEPTH: 2.0

LOCATION:

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

NOTES:

BAT, LPD, and 5' max bottom depth required due to downgrade well variance. See OSDS plan for LPD details

ISSUED BY: J. Williams

ISSUE DATE: 6/15/20

EXPIRATION DATE: 6/15/21

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 DOWNGRADE 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

20002449

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

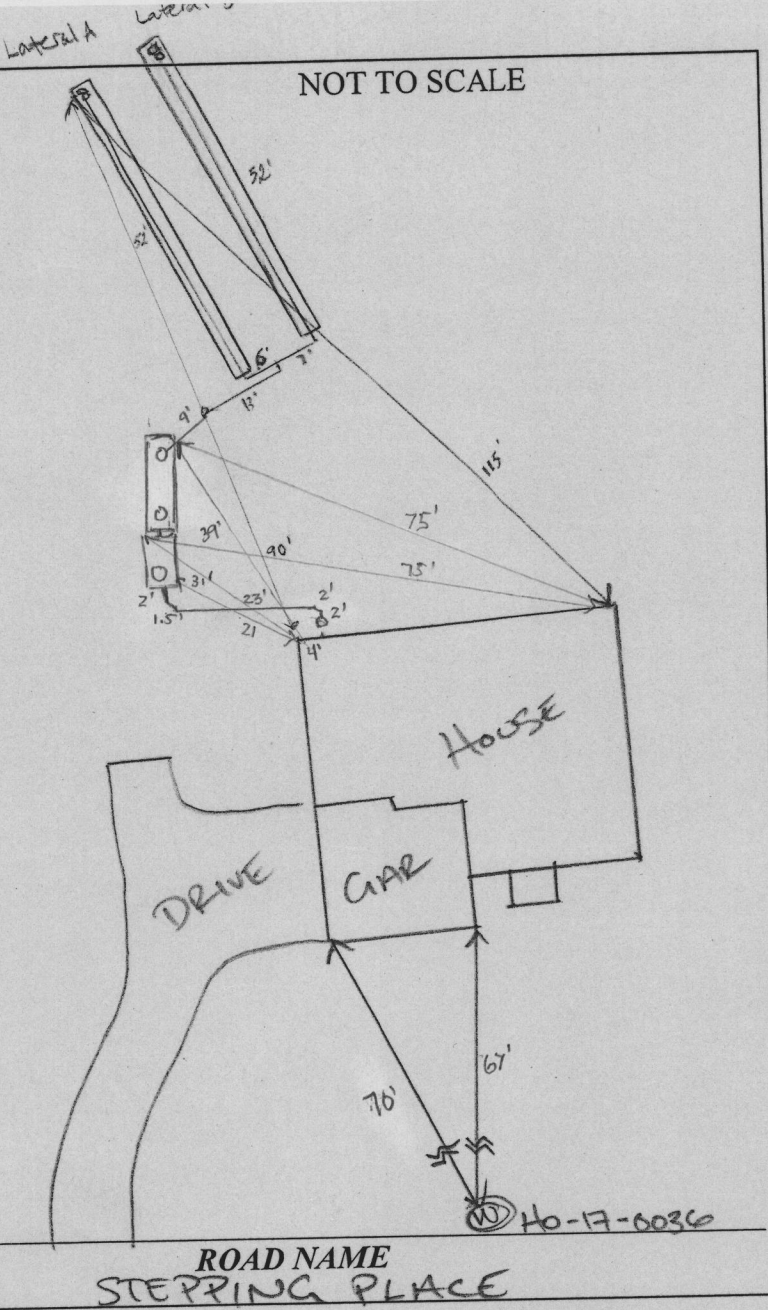
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

279189279189

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2'	5'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>104'</u>		
ABSORPTION AREA <u>312 sq ft + sides all</u>		
DISTRIBUTION BOX LEVEL <u>—</u>		
DISTRIBUTION BOX BAFFLE <u>—</u>		
DISTRIBUTION BOX PORT <u>—</u>		

PRE-CONSTRUCTION:

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL YES
 MANUFACTURER Babylon
 CAPACITY 1250 GAL
 SEAM LOC top
 TANK LID DEPTH 2.5'
 BAFFLES Front - 6"
 BAFFLE FILTER —
 MANHOLE LOC front
 6" PORT LOC —
 WATERTIGHT TEST —
 SLOTTED yes
 DATE ON LID no date

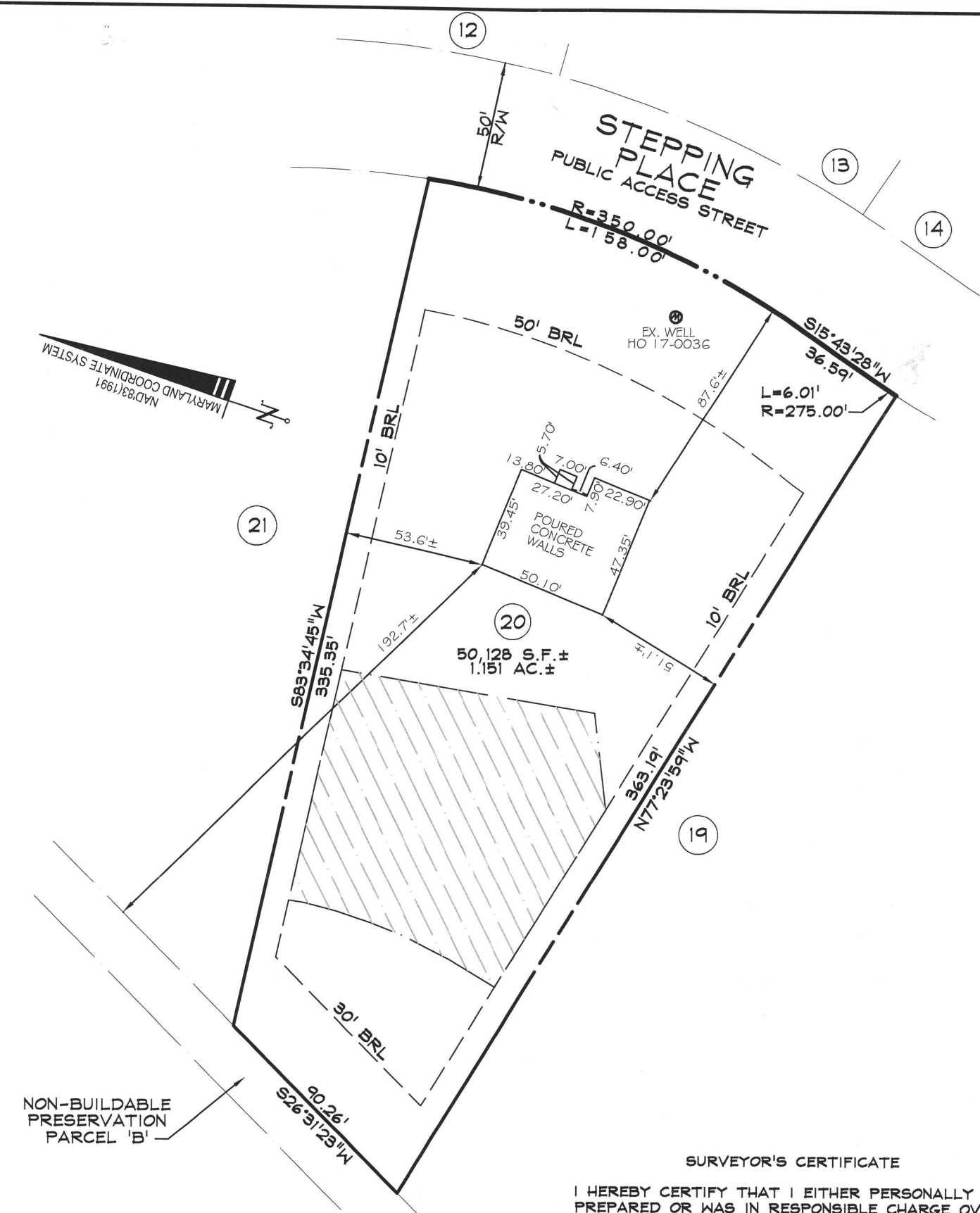
PUMP/SEPTIC TANK LEVEL yes

MANUFACTURER Babylon
 CAPACITY 1500 GAL
 SEAM LOC top
 TANK LID DEPTH 2'
 BAFFLES front 4"
 BAFFLE FILTER —
 MANHOLE LOC front/back
 6" PORT LOC —
 WATERTIGHT TEST —
 SLOTTED no
 DATE ON LID no date

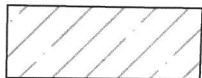
06/29/2020. TANK, SDA, TRENCHES STAKED. CONFIRMED TRENCH
 CONTOUR OK TO START. (P)

INSTALLATION: 7/7/2020 Two trenches constructed w/ manifold and laterals. Lateral A confirmed to have 17 perfs, 36.7" apart Lateral B confirmed to have 16 perfs, 39" apart. (SI) 7/9/20 - tanks in place, rest of system installed except SHC, recheck for SHC, 6" baffle on filter tank, 4" baffle on pump tank, discharge line to be plumbed out of back riser on pump tank, back riser did not date the tanks (no date on lid) @ 8/13/20 - Bat. Start up ok, distal head good, 2" turnouts above grade protected by 4" pvc coverings, alarm & circuit good, BAT contractor (mike) will mail certification to HD. (P)

FINAL INSPECTOR R. Roppaport DATE OF APPROVAL 8/13/20



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.

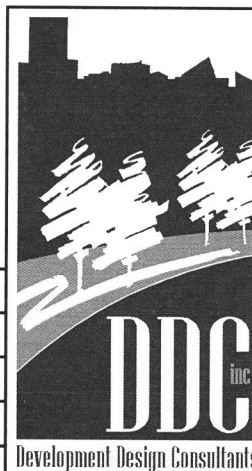
OK
9⁰⁰
6/15/20

TOP OF WALL = 545.6

WALL CHECK
1036 STEPPING PLACE
LOT 20
WALKER MEADOWS
PLAT NO. 24977

3rd ELECTION DISTRICT HOWARD COUNTY, MD

DDC JOB#:	12064.3
DATE:	05/14/2020
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



MAYER BROS., INC.

Precast Concrete Products
6264 Race Rd. Elkridge, MD 21075

Letter of Satisfaction Hoot System Installation

Address of Property: 1036 Stepping Place
Sykesville, MD. 21784

Date of Final Inspection: 8/13/20

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 it is in proper working order.

Sincerely,

H. Michael Sample
Name of Inspector
Mayer Bros., Inc.

PH: 410-796-1434

FX: 410-796-1438

WBE
NPCA Certified Plant

mayerbro@connext.net
www.mayerbrosprecast.com

Grease Interceptors, Grease Solutions, Aerobic Treatment Units, Septic Tanks, Holding Tanks, Storm Water Structures, Hydroceptors,
Bench Barrier, Water Meter Vaults, Sectional Valve Vaults, Top Slabs, Curb Heads, Curb Bumpers, PermEntry Basement Entries,
Scapewell Window Wells, Custom Precast Products

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 07th day of July 2020, among NVHomes/Feng Li/Ying Yu, 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 1036 Stepping Pl Sykesville, MD 21784, 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 # 601578 ("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 with prior notice for access to the system to make periodic inspect provide any information and data in Owner's possession reasonable County.

B. Owner acknowledges and agrees that neither the County nor any either officially or individually, underwrites the operation of any s

C. The Owner will devote reasonable care and effort to the operation system in perpetuity or until a public sewer connection is made so not the result of poor maintenance, faulty operation, or neglect.

D. The Owner agrees to enter into a contract reasonably acceptable with a private entity to operate and maintain on a regularly scheduled advanced pre-treatment system. The owner shall supply a copy of t when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking bind the Owner, their heirs, successors, and assigns to the provisor

Clerk of the Circuit Court for
Howard County
Land Records/Licensing

6095 Marshalee Drive
Suite 120
Elkridge, MD 21075
410-313-5850

LR - Agreement Recording Fee	1x	20.00	20.00
Name: Li			
Ref: 37			
LR - Agreement Surcharge	1x	40.00	40.00
LR - Agreement Recording Fee	1x	20.00	20.00
Name: brooks			
Ref: 38			
LR - Agreement Surcharge	1x	40.00	40.00
SubTotal:			120.00
Total:			120.00
CRD-Credit			120.00
Credit Card Confirmation : 046854			

08/11/2020 13:15 CC13-LP
#13961523/497/109
Thank you for visiting us today~

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 Nifon 7/7/2020
Howard County Health Department

[Signature] 6/11/20
Owner #1 Signature Date

Jimmy Anastas/c
Owner #1 Print Name

DocuSigned by:
FENG LI 6/11/2020
CE8A2E30BAC49A...
Buyer #1 Signature Date

FENG LI

Buyer #1 Print Name

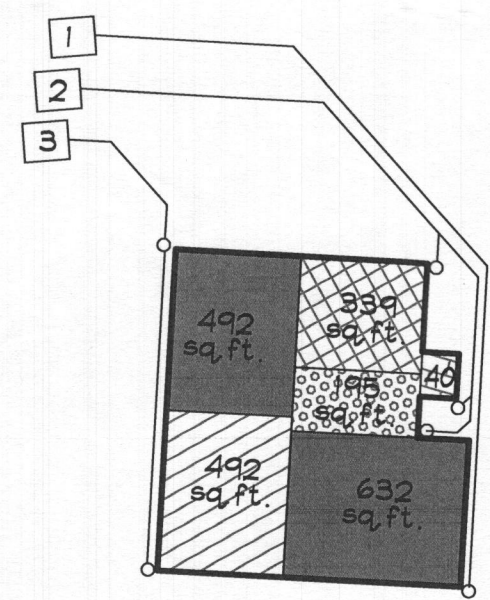
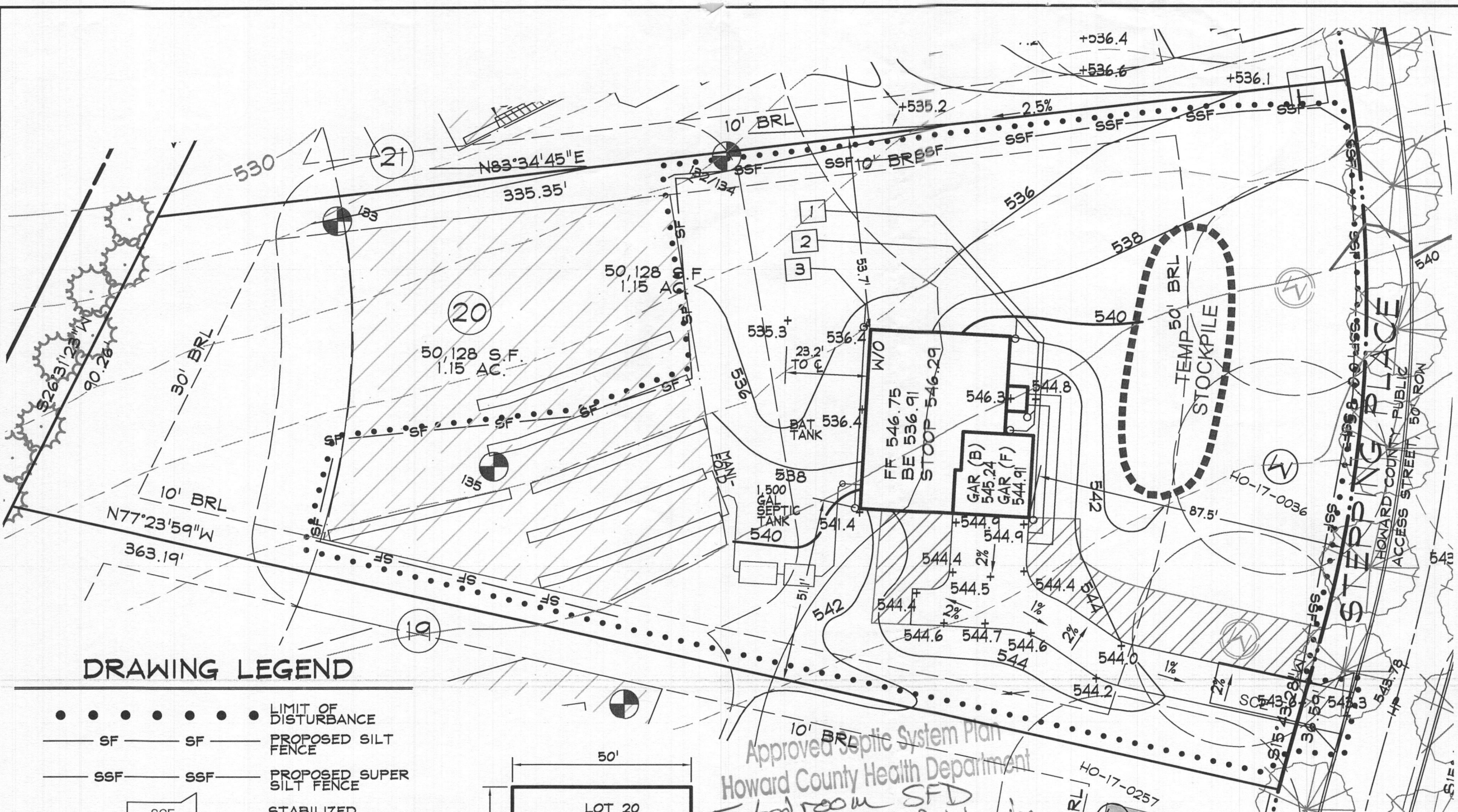
Owner#2 Signature Date

Owner #2 Print Name

DocuSigned by:
Ying Yu 6/11/2020
00DB0A8101894DF...
Buyer #2 Signature Date

Ying Yu

Buyer #2 Print Name

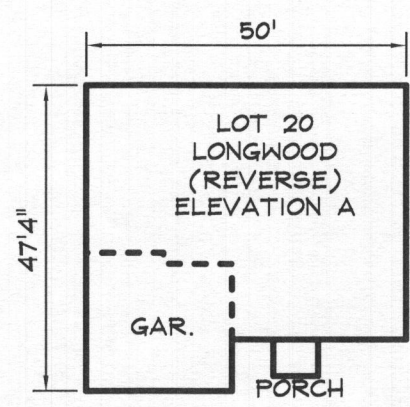


LOT 20
DRYWELL DETAIL

DRYWELL (M-5) SIZE CHART		
#	L X W	STONE DEPTH
1	7'x6'	5'
2	7'x6'	5'
3	7'x6'	5'

DRAWING LEGEND

- • • • • LIMIT OF DISTURBANCE
- SF — SF — PROPOSED SILT FENCE
- SSF — SSF — PROPOSED SUPER SILT FENCE
- SCE STABILIZED CONSTRUCTION ENTRANCE
- TRANSFORMER
- EXISTING WELL & ALTERNATE WELL SITES
- SEPTIC RESERVE AREA
- DRY WELL
- WIDE GRASS SHOULDER
- TEMPORARY STOCKPILE



PUMP REQUIRED FOR
BASEMENT SEWER SERVICE

NO GRADING IN SEWAGE DISPOSAL AREA.
LOD SHOWN IS FOR THE INSTALLATION OF
THE INITIAL SEPTIC SYSTEM ONLY.

STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED
BY ON-LOT DRYWELLS AND A WIDE GRASS SHOULDER.

*Approved Septic System Plan
Howard County Health Department*

*5-bod room SFD
w/ finished full bath in
partly finished basement*

R. B. [Signature]
Signature

4/10/2020
Date

LOT 20 BUILDING PERMIT PLOT PLAN

WALKER MEADOWS

LOT 20

1036 STEPPING PLACE

PLAT #24974-24979

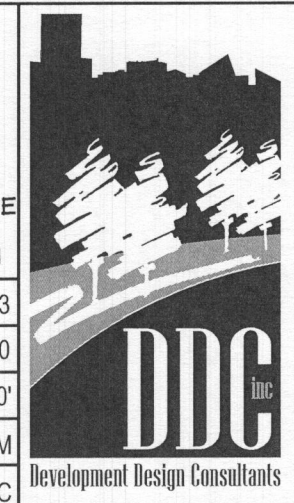
DDC JOB#: 12064.3

DATE: 02/24/20

SCALE: 1" = 30'

CHK. BY: JLM

DRN. BY: LJC



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

THE FRONT DOOR FOR LOT 20 FACES EAST

FILE INQUIRY NOTES

RB 6/25/15
20
29

DATE	RESULTS OF REVIEW FOR FILE
	Diehl Property, Lot 2 Proposed Lot #

* 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

9/6/15 Septic system must include a BAT unit. Trench Bottoms are limited to 5-ft depth.

R. Bueker

9/6/15 Any Well installed on Lot 20, must have steel casing installed to at least 50-feet depth, or 10 feet into competent rock, whichever is deeper.

R. Bueker