



**Howard County
Health Department**

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

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

RECEIPT DATE: 3-19-21 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 568801

APPROVAL DATE: 04/26/2021 **PERMIT: CONSTRUCTION**

A _____

PROPERTY ADDRESS: 1600 FLORENCE ROAD, WOODBINE MD 21797

SUBDIVISION: PATRICK FAMILY LIMITED PARTNERSHIP II

LOT: 1

TAX ID:

04-602018

CONTRACTOR:

Marc Hersh

EMAIL:

CONTRACTOR ADDRESS:

2551 Florence Road, Woodbine MD 21797

PHONE:

301-580-5977

PROPERTY OWNER: EDWARD and TARA MEISTER

EMAIL:

OWNER ADDRESS: 1403 SEARCH LIGHT WAY, MT. AIRY, MD 21771

PHONE:

SEPTIC TANK SIZE (GALLONS): 1500

TANK MANUFACTURER:

Babylon Vault Co.

PUMP MODEL: n.a.

PUMP SIZE

n.a.

PUMP TANK CAPACITY:

n.a.

DISTRIBUTION SYSTEM:

GRAVITY

PRESSURE DOSED

BEDROOMS: 4

APPLICATION RATE:

1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>105</u>	INLET DEPTH: <u>3.0</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	INSTALL CLEANOUT IN SHC NEAR FOUNDATION.	

ISSUED BY: R BRICKER

ISSUE DATE: 3-22-21

EXPIRATION DATE: 3-19-22

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 TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRAIENT 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 n.a.

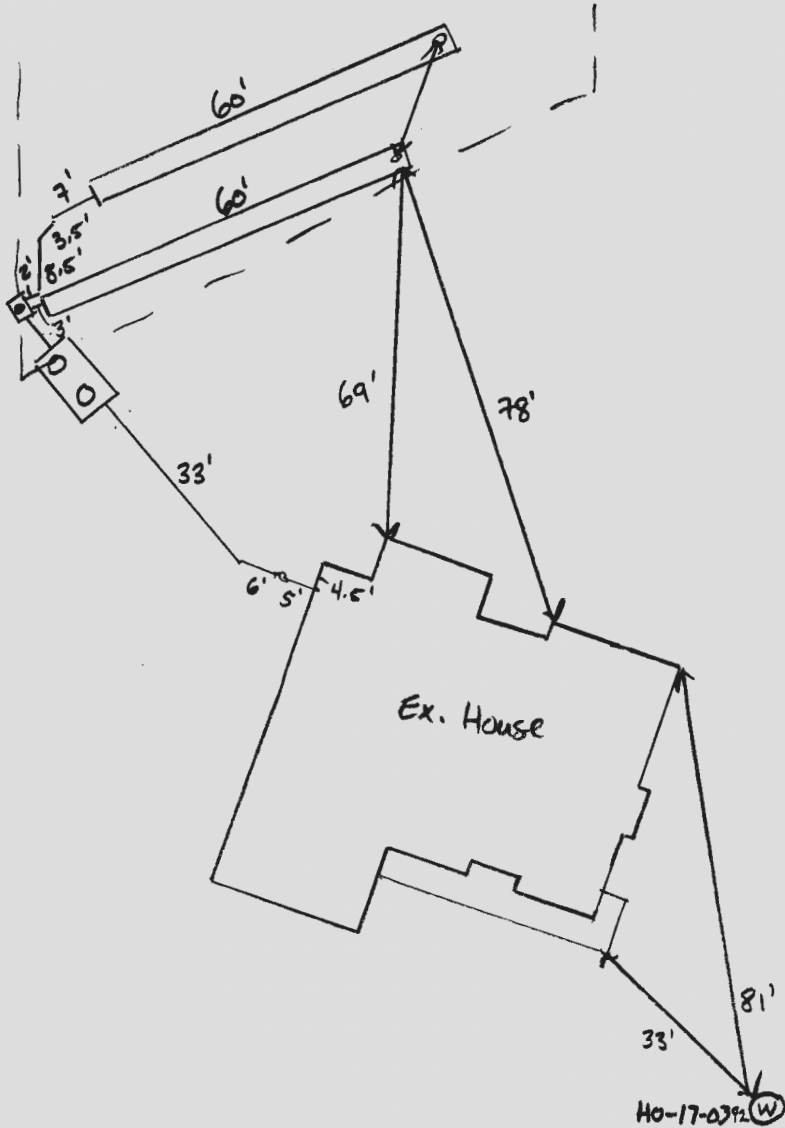
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

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 1" = 30'



ROAD NAME
Florence Rd

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		120 F
ABSORPTION AREA		360 SF + SIDE WALL
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	3' - 1.5' (o)
BAFFLES	YES
BAFFLE FILTER	-
MANHOLE LOC	FRONT/BACK
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	YES
DATE ON LID	02/18/2021

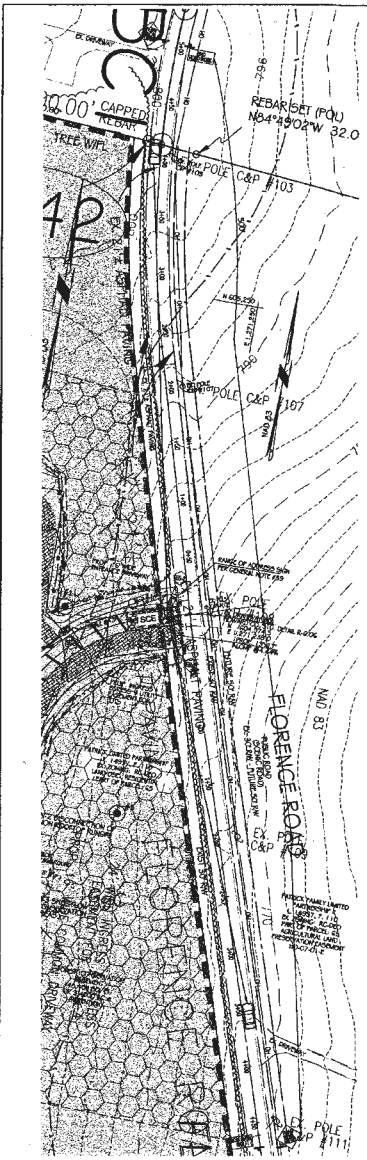
PUMP/SEPTIC TANK LEVEL

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

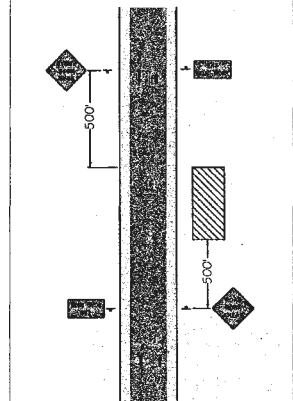
PRE-CONSTRUCTION:

INSTALLATION: 04/26/2021 (AM) SHC INSTALLED W/ SEWER LINE TO TANK, SET. LOWER TRENCH COMPLETE. (PM) UPPER TRENCH COMPLETE, D BOX LEVELED W/ SPEED LEVELS. Ⓢ

FINAL INSPECTOR [Signature] DATE OF APPROVAL 04/26/2021

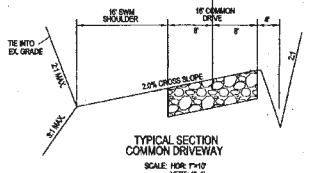
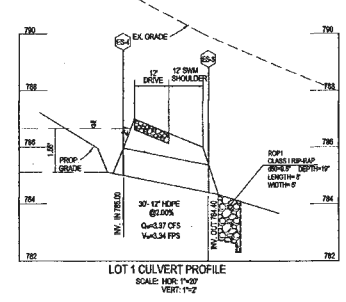
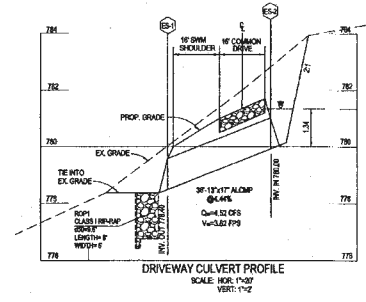


1. WORK BEYOND THE SHOULDER/BEHIND THE CURB
 For workers and equipment operating more than 12 to 15 feet from the edge of the traveled way during daylight hours, such as mowing, litter pickup, and utility work. The work area should be established on one side of the road only. No work or parking on the opposite side within 500 feet. The ROAD WORK AHEAD (W20-1) signs may be replaced with other appropriate signing such as SHOULDER WORK AHEAD (W21-5) or worker symbol signs. For a single daylight period or less, all signs and channelizing devices may be omitted, if a vehicle displays visible warning lights.



Temporary Traffic Control Notes

- Contractor shall maintain traffic along Florence Road in a safe manner.
- Contractor shall submit means and methods for maintenance of traffic to Howard County Department of Public Works, Bureau of Engineering, Traffic Engineering Division for approval.
- The contractor shall follow the Temporary Traffic Control General Notes in addition to directives by the Howard County Department of Public Works, Bureau of Engineering, Traffic Engineering Division.
- Traffic channelizing devices shall contain flubbers on the devices. Contractor shall maintain working condition of flubbers.
- During non-construction periods, the contractor shall install traffic channelization/protection devices at the Use-In-Common Driveway and maintain two-way traffic operation on Florence Road.
- Upon completion of the Use-In-Common Driveway construction, contractor will remove all Temporary Traffic Control Devices.



No.	TYPE	TOP ELEVATION	INVERT ELEVATION	COORDINATES	OWNERSHIP
ES-1	13' x 17' ALUMP END SECTION	775.40	775.40	N 60944.2241 E 1271231.2916	PRIVATE
ES-2	13' x 17' ALUMP END SECTION	700.00	700.00	N 604970.2923 E 1271212.0271	PRIVATE
ES-3	12' HOPE END SECTION	704.40	704.40	N 604935.1274 E 1271122.1006	PRIVATE
ES-4	12' HOPE END SECTION	705.00	705.00	N 604915.4111 E 1271110.8235	PRIVATE

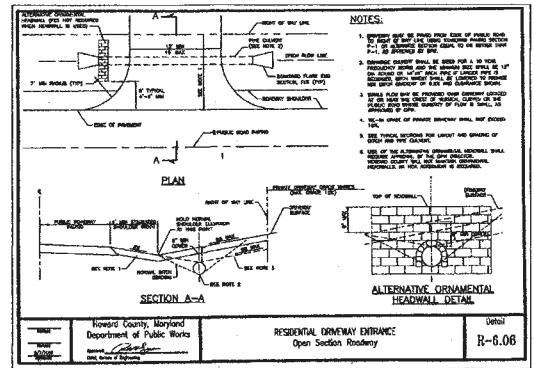
TYPE	LENGTH	OWNERSHIP
13' x 17' ALUMP	36 LF	PRIVATE
12' HOPE ALUMINUM TYPE 5	30 LF	PRIVATE

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONTINUATION OF ROOFTOP RUNOFF (R-1), DISCONTINUATION OF NON-ROOFTOP RUNOFF (R-2)

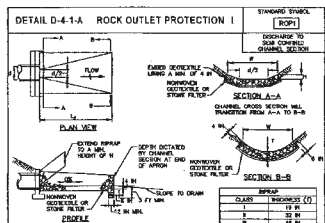
Maintenance of areas resulting from discontinued runoff is generally no different than that required for other types of landscaped areas. The Owner shall ensure the stream receiving runoff are protected from future compaction or development of impervious area. In commercial areas, but traffic should be discouraged as well.

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED SHEETFLOW TO CONSERVATION AREA (R-3)

Conservation areas shall remain undisturbed and unimproved other than routine debris removal and seeding areas of concentrated flow. Owners and tenants shall remove and maintain routing for manure areas may be needed. Signs delineating the limits of the conservation area should be maintained and supplemental markings performed as needed.



Lot Number	ADDRESS	DISCONTINUATION OF ROOFTOP RUNOFF	DISCONTINUATION OF NON-ROOFTOP RUNOFF	SHEETFLOW TO CONSERVATION AREA
1	1600 Florence Road	Y	Y	Y
2	1604 Florence Road	Y	Y	Y
3	1606 Florence Road	Y	Y	Y
4	1612 Florence Road	Y	Y	Y



CONSTRUCTION SPECIFICATIONS

- Refer and state shall conform to the specified class.
- Use minimum aggregate as specified by Section 601. Subgrade and protect from frost damage. All stone shall be washed and free from organic matter. Stone shall be placed in layers and compacted. Stone shall be placed in layers and compacted. Stone shall be placed in layers and compacted.
- Prepare and compact the upstream end of the apron so that the apron is free from any voids. The apron shall be compacted and finished to a true surface. The apron shall be compacted and finished to a true surface.
- Contract apron shall be slope along its length and without obstructions. Place stone so that it blends in with existing apron.
- Maintain the grade and stone section keep outlet free of erosion. Remove accumulated sediment and debris after full runoff except for snow and discharge ramp. Make necessary repairs immediately.

REVISIONS AND SPECIFICATIONS FOR SOL, DESIGN AND SEWERAGE CONTROL. 3011. MILEAGE SURVEYOR'S CERTIFICATE OF PROFESSIONAL SURVEYOR.

APPROVED
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Land Development
 DATE: 12-28-18

OWNER / DEVELOPER
 PATRICK FAMILY LIMITED PARTNERSHIP II
 150 TIM PENGA
 P.O. BOX 402
 LEBANON, MARYLAND 21725
 (410) 465-7500



SUPPLEMENTAL PLAN
 STORMWATER MANAGEMENT / CONSTRUCTION NOTES & DETAILS
 LOTS 1 THRU 4
PATRICK FAMILY LIMITED PARTNERSHIP II
 UBER 14557 AT FOLIO 110

TAX MAP: 6 ELECTION DISTRICT: No. 4 NO SCALE
 PARCEL NO: 65 HOWARD COUNTY, MARYLAND MARCH, 2016
 EX. ZONING: RS-DFO SHEET 2 OF 4

PREVIOUS FILE NUMBERS: ECF-18-006, NC07-014, WF-07-026, WF-19-007
 RELATED FILE NUMBERS: P-19-029, P-19-030 & P-19-006

YANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 110 South Main Street, Suite 400, Annapolis 21401
 (410) 839-2860 (Cell) 831-3015 (Fax) 544-2271
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