

Bureau of Environmental Health
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 TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
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Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 3/2/23 **ONSITE SEWAGE DISPOSAL SYSTEM** P 572805
 APPROVAL DATE: 7/28/2023 **PERMIT: REPAIR** A _____
 PROPERTY ADDRESS: 16221 Frederick Road
 SUBDIVISION: _____ LOT: _____ TAX ID: _____
 CONTRACTOR: Fogle's Septic Clean Inc. EMAIL: kim@foglesinc.com
 CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670
 PROPERTY OWNER: Dylan Steele EMAIL: _____
 OWNER ADDRESS: 16221 Frederick Road, Woodbine, MD 21797 PHONE: _____

SEPTIC TANK SIZE (GALLONS): Existing TANK MANUFACTURER: _____
 PUMP MODEL: 1/3 HP PUMP SIZE: 1500g PUMP TANK CAPACITY: (1/3 HP)

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 13 APPLICATION RATE: 0.6

TRENCHES:	LINEAR FEET REQUIRED: <u>155</u>	INLET DEPTH: <u>2'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>7'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>12' @</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.55-7' (.62)</u>

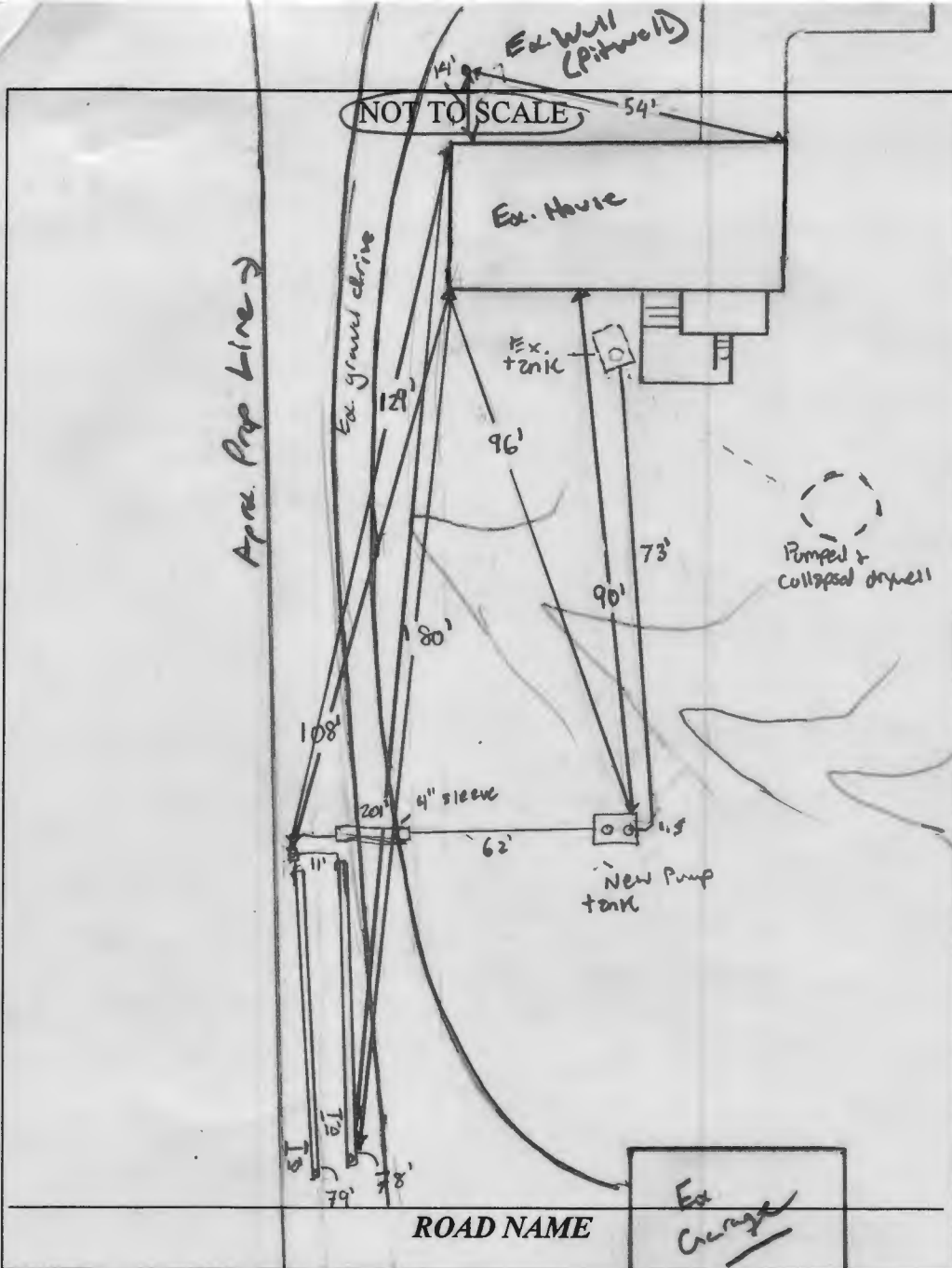
LOCATION: **PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.**

NOTES: $3PR = \frac{450}{0.6} = 750 \times 3 = 250(.62) = 155$
 Install system per spread design. Need electrical permit.

ISSUED BY: K. Wolf ISSUE DATE: 4/30/2023 EXPIRATION DATE: 4/30/2024

- 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 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 23002198
- 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'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		157'
ABSORPTION AREA		471 ft ²
DISTRIBUTION BOX LEVEL		—
DISTRIBUTION BOX BAFFLE		—
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	N/A
MANUFACTURER	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	—
DATE ON LID	—
PUMP/SEPTIC TANK LEVEL	yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Tap
TANK LID DEPTH	1.5-3'
BAFFLES	6" Front
BAFFLE FILTER	—
MANHOLE LOC	Front & back
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	✓
DATE ON LID	6/1/2023

PRE-CONSTRUCTION:

6/21/2023 Design plan not approved. Need to relocate p.t. to make it 4' and stay 100ft from ex well. WIP
 7/6/2023 On site for p.t. re-location and trench layout.

INSTALLATION:

7/7/2023 - Contractors onsite. 2 trenches finished. Inlet @ 2' per plan + width @ 3' per plan. Splice between trenches 10'. D-box set, Respect for FM, Pump tank, & line to pump tank. SP
 7/10/2023 - SCHED 40 PVC installed from septic tank to pump tank. 3' of cover on pump tank. 6" front baffle installed. Risers installed. Respect for FM to D-box & sleeve under driveway. SP
 7/11/2023 - 2" FM installed. 20' of 4" sleeve installed under driveway. SCHED 40 250 PSI PVC used for FM. FM turned down into D-box. Give contractor OK to backfill all work. Respect for P+A SP
 7/28/2023 - Alarm outside risers of tank. Audible & visual good. Flows good. Pump successfully goes to D-box SP

FINAL INSPECTOR S. Page

DATE OF APPROVAL 7/28/2023

Dylan Steele
16221 Frederick Rd
Woodbine, MD 21797

FREDE
FREDERICK RD

640

630

16221
Frederick Rd

Stone Driveway

Drainage
pipe under
Driveway

Failing
Drywell
TBA

New Pump
Chamber

Swale

Swale
2" Force Main

Parking

640

4'
To Property
Line

New Trenches
78'

156' - Total
3' - wide

7' - Deep
5.5" - Stone
1/4" - Cover

Trench Details
7' - 7 1/2" in length

100 ft

Approved Septic System Plan
Howard County Health Department

[Signature]
Signature

6/30/2023
Date

EMailed revised
Drawing to Kevin
Wolfe

@HCHD
6-22-23

Medics in field on
7/6/2023

