



HOWARD COUNTY HEALTH DEPARTMENT

P5 62949

DATE 7/15/18

Received From

George Schindley

PHONE #

410-370-4121

For

Repair - 11357 Henderson

CASH

CHECK

NO.

CC

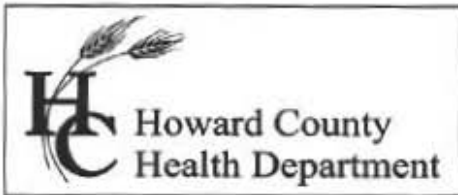
One hundred fifty five Dollars

\$

1105 KU

Received By

J Kemp



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: 4/5/18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 562949
 APPROVAL DATE: 5/24/18 SEC **PERMIT:** **REPAIR** A _____
 PROPERTY ADDRESS: 11357 Frederick Road
 SUBDIVISION: _____ LOT: _____ TAX ID: 03-303519
 CONTRACTOR: Legacy Septic and Excavation EMAIL: gschooley@legacyseptic.com
 CONTRACTOR ADDRESS: 1538 Manchester Road, Westminster, MD 21157 PHONE: 410-840-8766
 PROPERTY OWNER: Kirk Hines and Caitlin Beane EMAIL: krussellhines@gmail.com
 OWNER ADDRESS: 11355 Frederick Road, Ellicott City, MD 21042 PHONE: 443-695-0109

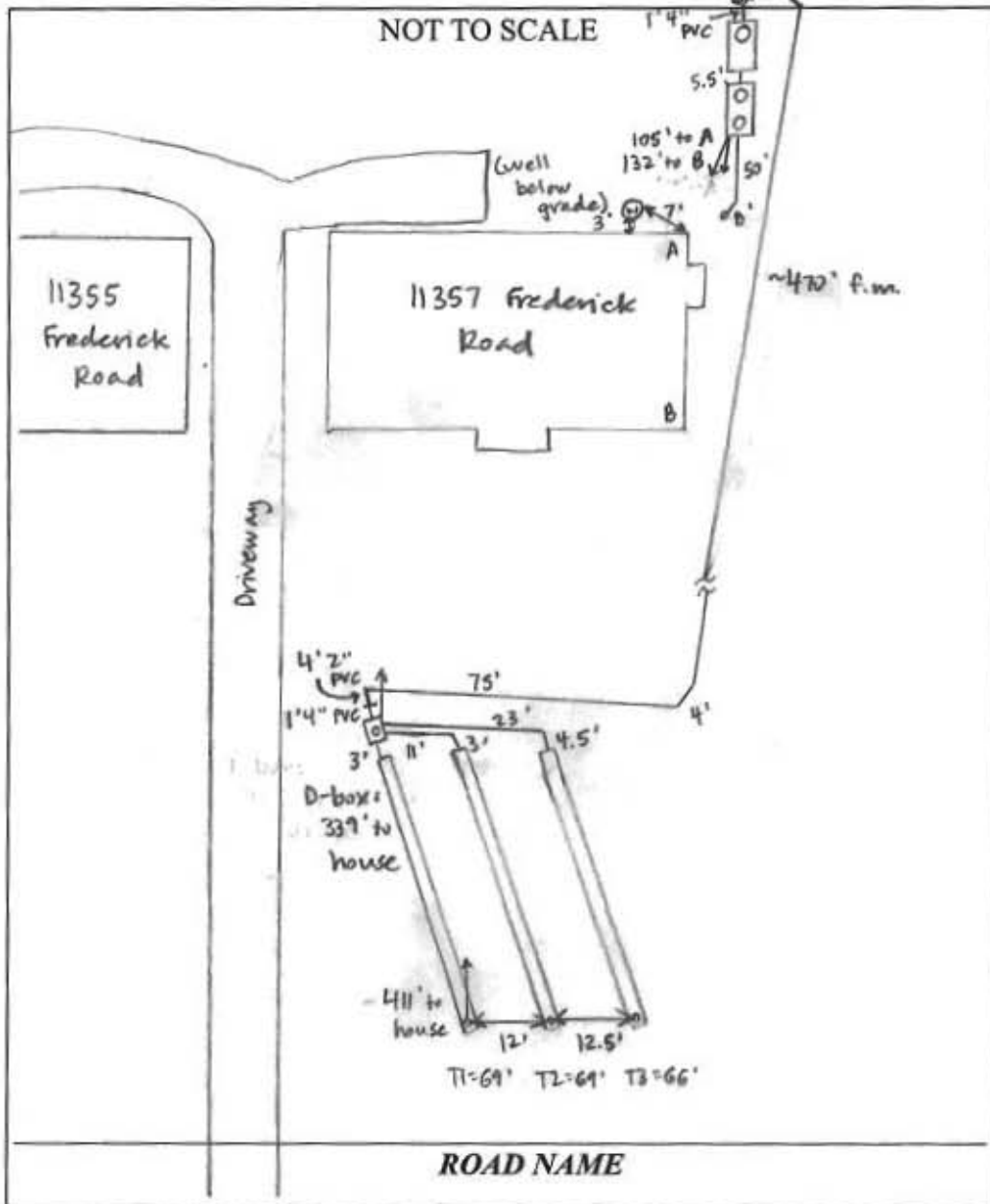
SEPTIC TANK SIZE (GALLONS): 1500 PUMP CHAMBER CAPACITY (GALLONS): 1000 PUMP SIZE: 1/2 hp
 NUMBER OF BEDROOMS: 3 HOUSE SQ. FT. _____ APPLICATION RATE: 0.8
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

| | | |
|-----------|---|--|
| TRENCHES: | LINEAR FEET REQUIRED: <u>188</u> | INLET DEPTH: <u>2</u> |
| | TRENCH WIDTH: <u>3</u> | MAXIMUM BOTTOM DEPTH: <u>5</u> |
| | MINIMUM SPACE BETWEEN TRENCHES: <u>10</u> | EFFECTIVE AREA BEGINNING DEPTH: <u>5</u> |
| LOCATION: | TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION. | |
| NOTES: | Install 3 x 63' trenches, ~450' of force main required to pump effluent to drain fields. Existing tank and drywell must be pumped and collapsed. In pump tank, ~25" required above alarm float for 1d of storage. | |

ISSUED BY: Sarah Collins ISSUE DATE: 4/5/18 EXPIRATION DATE: 4/5/19

- 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 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 _____
- NOTE: THE HCHD DOES NOT WARRANTY ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
- 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' | 5' |
| NUMBER OF TRENCHES | | 3 |
| TOTAL LENGTH | | 204' |
| ABSORPTION AREA | | 612' |
| DISTRIBUTION BOX LEVEL | | YES |
| DISTRIBUTION BOX BAFFLE | | ELBOW |
| DISTRIBUTION BOX PORT | | YES |

| SEPTIC TANK DATA | |
|----------------------------|--------------|
| SEPTIC TANK I LEVEL | YES |
| MANUFACTURER | BAYSTAR |
| CAPACITY | 1500 GAL |
| SEAM LOC | TOP |
| TANK LID DEPTH | 2' |
| BAFFLES | YES |
| BAFFLE FILTER | YES |
| MANHOLE LOC | FRONT + REAR |
| 6" PORT LOC | NONE |
| WATERTIGHT TEST | NO |
| SLOTTED | YES |
| DATE ON LID | — |
| PUMP/SEPTIC TANK LEVEL YES | |
| MANUFACTURER | BAYSTAR |
| CAPACITY | 1500 GAL |
| SEAM LOC | TOP |
| TANK LID DEPTH | 1-1.5' |
| BAFFLES | FRONT |
| BAFFLE FILTER | NO |
| MANHOLE LOC | REAR |
| 6" PORT LOC | NONE |
| WATERTIGHT TEST | NO |
| SLOTTED | NO |
| DATE ON LID | — |
| Pump: Gould's 1/2 hp | |

PRE-CONSTRUCTION:

4/11/18 Met Galen from Legacy on site for layout. Painted out locations for tanks >100' off existing well at house. Force main to be installed $\geq 3'$ deep and remain charged after pump cycle. Shot contour + laid out 3x70' trenches above perc hole. (SC)

INSTALLATION: 4/12/18 Trenches complete. T1 left open for inspection. 3' wide, 1.5-2' to stone. D-box has no baffle - Legacy installed a 45" bend in the 4" pipe coming into box. [Corrective action + completed.] ~80' of 2" f.m. installed $\geq 3'$ depth. (SC)

4/12/18 New tanks set. Old line had bypassed old tank + led straight to dng well. (SC)

4/13/18 Tanks connected to D-box via force main. Effluent filter installed in septic tank. Dry well pumped Tanks tied into ex. sewer line. Need pump + alarm test. (SC)

5/24/18 Met Legacy on site for pump + alarm. Alarm sounds when triggered, pump pumps effluent to D-box. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 5/24/18

