

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: 1/27/2025 **ONSITE SEWAGE DISPOSAL SYSTEM** P 87937
 APPROVAL DATE: 3/3/2025 **PERMIT: REPAIR** A Repair
 PROPERTY ADDRESS: 7040 Mink Hollow Road
 SUBDIVISION: Swann Hill LOT: 6 TAX ID: 05-360897
 CONTRACTOR: Hatfield's Equipment EMAIL: Ken@harfieldsequipment.com
 CONTRACTOR ADDRESS: PO Box 519 Annapolis Junction PHONE: 410-984-4880
 PROPERTY OWNER: Kelth McLaughlin EMAIL: n/a
 OWNER ADDRESS: Same as above PHONE: 240-472-7085
 SEPTIC TANK SIZE: Existing PUMP SIZE: 1/3HP PUMP TANK CAPACITY: 1250g

DISTRIBUTION SYSTEM: GRAVITY LPD BEDROOMS: 3 APPLICATION RATE: 0.8gpd/ft²

TRENCHES:	LINEAR FEET REQUIRED: <u>113</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>7.5</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>As per plan</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4'(.40)</u>
LOCATION:	SYSTEM STAKED BY INSTALLER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install system per approved design plans.	

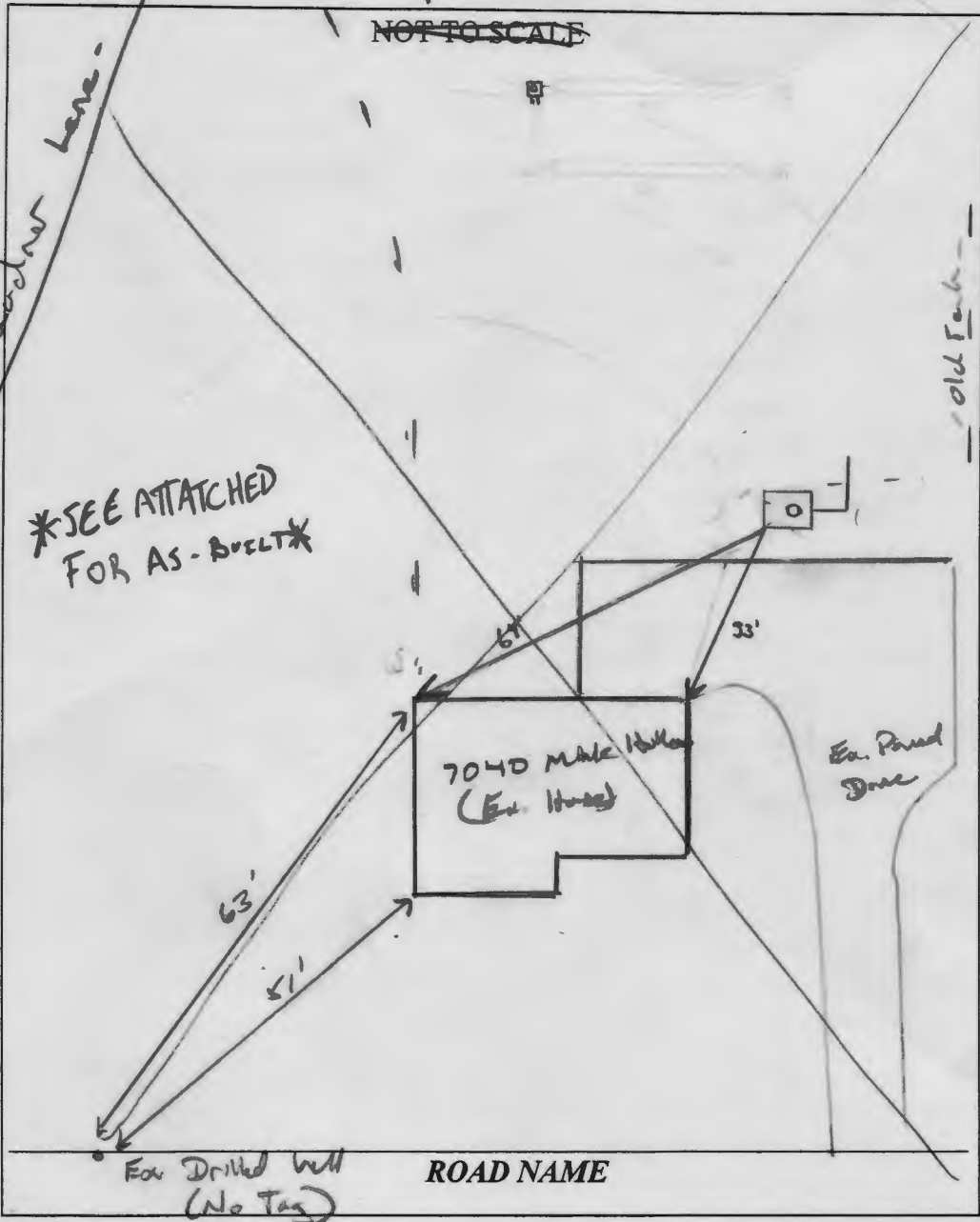
ISSUED BY: Kevin M. Wolf, L.E.H.S. ISSUE DATE: 1/30/2025 EXPIRATION DATE: 1/30/2026

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- 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 250003451
- NOTE: THE HCHD DOES NOT WARRANT 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: 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.

1" : 30'

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	2'	7.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		2' 114'
ABSORPTION AREA		228' + sidewall
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Existing
MANUFACTURER	
CAPACITY	
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	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'-2'
BAFFLES	4
BAFFLE FILTER	-
MANHOLE LOC	Front & back
6" PORT LOC	
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	9-30-2024

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Todd Tracey
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:
1/20/2025 Design Plan approved

CONTROL PANEL DATA	
CONTROL PANEL HEIGHT	36"
(MIN 30")	
INSPECTION DATE	3/3/2025
INSPECTION	PASS/FAIL (CIRCLE ONE)

INSTALLATION NOTES:
 3/13/25 AA inspection. Contractor on Site. Pump tank dewatered and is level. Trenches have been installed. 1.5' inlet. Strong od. Gasket tile fabric installed. OK to backfill. Trenches have obs ports installed. Lengths are per plan. D-box has obs port and baffle. 93' of Force main has been installed. Pipe is 2" 280 PSE. Currently connecting electrical (MB)
 3/14/25 Force main completed. Electric pump, float valve, and control panel installed. Contractor is filling up pump tank now for the pump and alarm test (MB)
 3/3/2025 - Rhombus alarm installed outside riser. Pump turned on while onsite. Effluent goes to d-box. Contractor pulled high water alarm, sound & visual ok. (SE)
 FINAL INSPECTOR S. Pose DATE OF APPROVAL 3/3/2025

NOT TO SCALE

Measurements

D-box - A: 105'

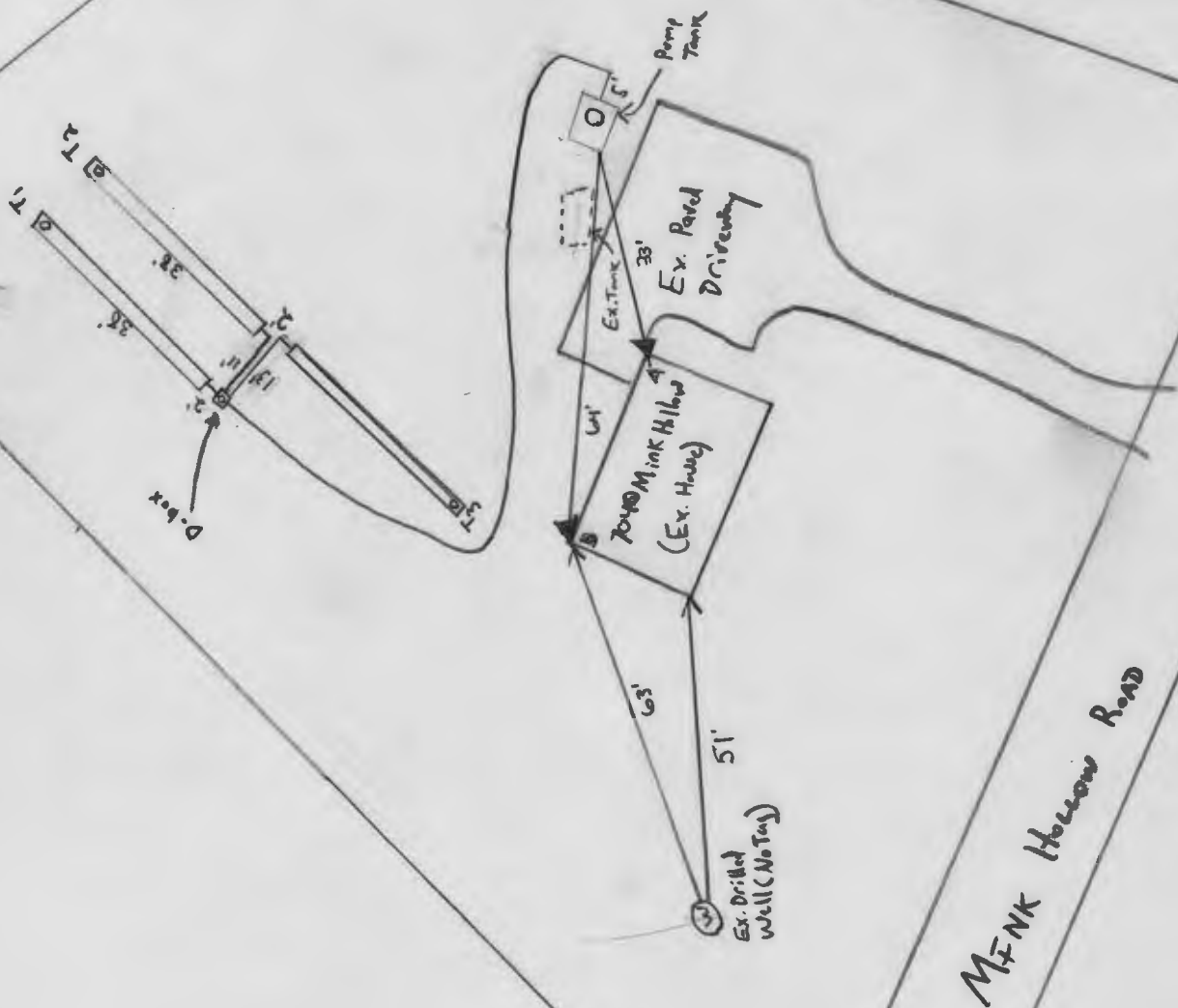
D-box - B: 101'

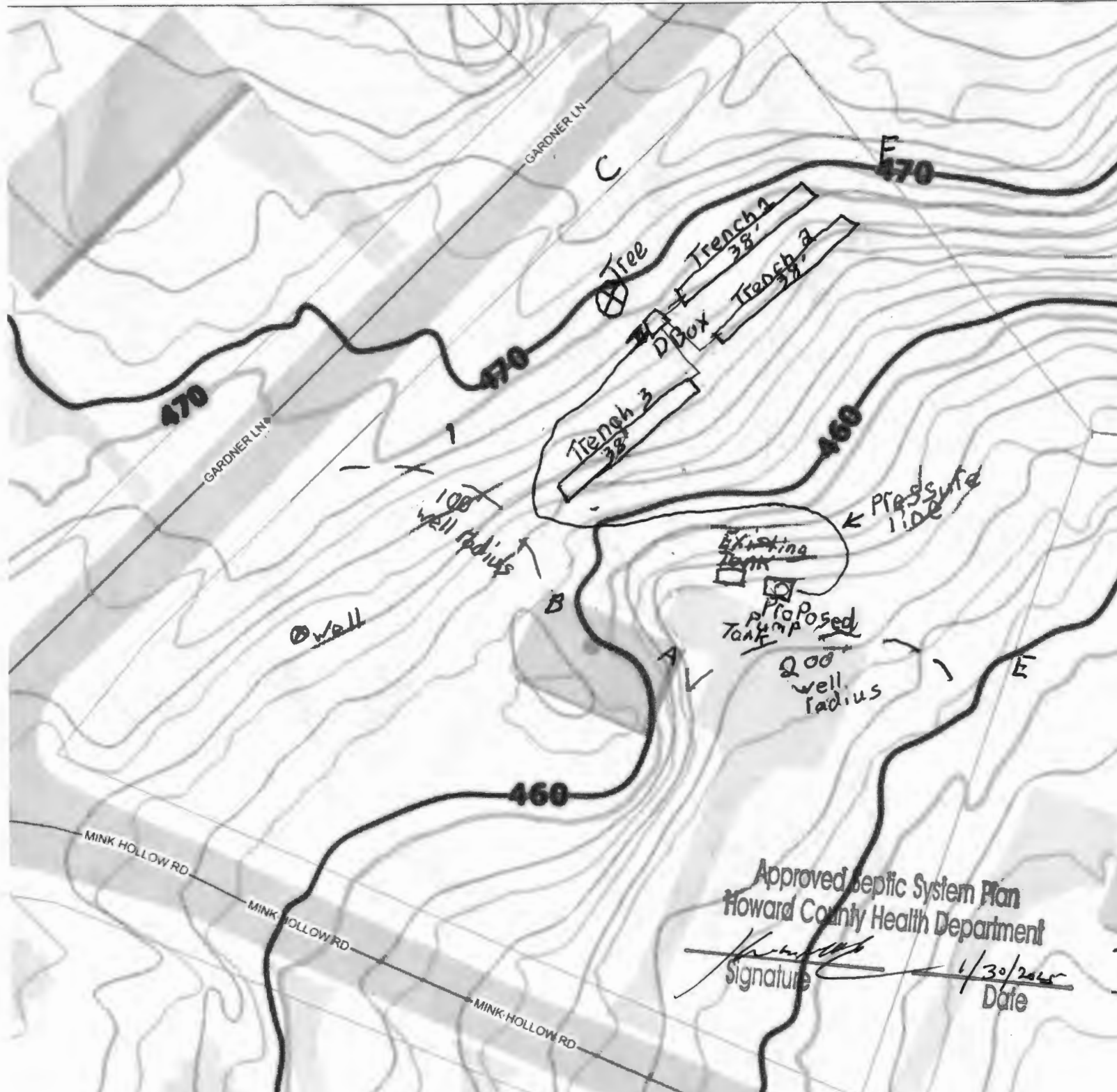
T₃ Beginning - A: 94'

T₃ Beg. - B: 95'

T₃ End - A: 68'

T₃ - End - B: 62'





Tracy and Keith McLaughlin
 7040 Mink Hollow RD
 Highland MD 20777
 3 Bed Room's
 Installed Hatfield's
 Equipment
 Length of Trench Needed
 113'
 1250 Gallon Pump Tank
 Three Trench's 38' Long
 2' wide
 7 1/2' Bottom
 2' Inlet

D. Box
 C 56'
 F 67'
 B 102'
 A 105'
 well 158'

Trench #1
 Beginning End
 C 42' C 69'
 F 58' F 28'
 B 106' B 143'

Trench #2
 Beginning End
 C 68' C 81'
 F 66' F 35'
 B 105' B 142'

Trench #3
 Beginning End
 C 72' C 80'
 F 71' F 106'
 B 101' B 63'
 well 161' well 122'

Existing Tank
 C 134' A 26'
 F 147' B 58'
 E 99' well 127'

Well

Approved Septic System Plan
 Howard County Health Department

Signature _____ Date 1/30/2015