



**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](http://www.hchealth.org)  
 Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

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

RECEIPT DATE: 6/11/2024      **ONSITE SEWAGE DISPOSAL SYSTEM**      P 586709  
 APPROVAL DATE: 6/20/2024 **PERMIT:**      **REPAIR**      A Repair  
 PROPERTY ADDRESS: 5024 Morning Star Drive  
 SUBDIVISION: Linden Chapel Hills      LOT: 3      TAX ID: 05-379148  
 CONTRACTOR: Hatfield's Equipment      EMAIL: Ken@harfieldsequipment.com  
 CONTRACTOR ADDRESS: PO Box 519 Annapolis Junction      PHONE: 410-984-4880

PROPERTY OWNER: Daniel McMahon      EMAIL: n/a  
 OWNER ADDRESS: Same as above      PHONE: 301-854-9877

SEPTIC TANK SIZE: Existing      PUMP SIZE: n/a      PUMP TANK CAPACITY: n/a

DISTRIBUTION SYSTEM:     GRAVITY     LPD      BEDROOMS: 4      APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>110</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>9</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6</u>
LOCATION:	SYSTEM STAKED BY INSTALLER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install system per approved design plans. Installer/owner confirm 4 bedroom.	

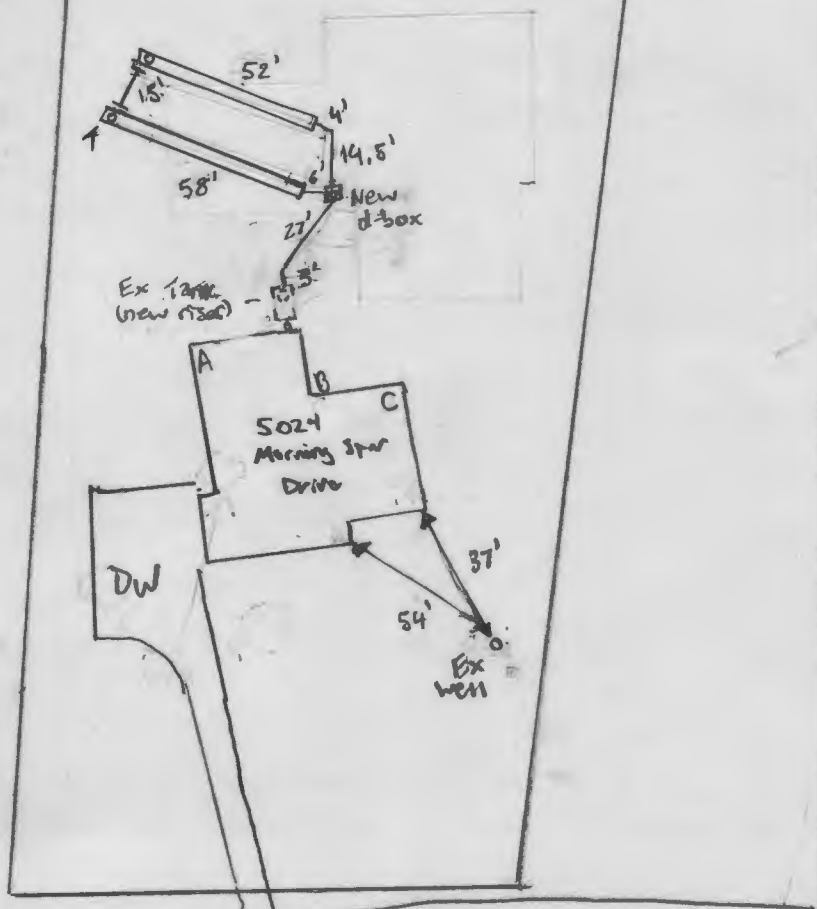
ISSUED BY: Kevin M. Wolf, L.E.H.S.      ISSUE DATE: 6/11/2024      EXPIRATION DATE: 6/11/2025

- 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 n/a
- 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-A: 78'  
 1-C: 114'  
 D-box - B: 54'  
 D-box - C: 54'  
 Tank - B: 24'  
 Tank - C: 36'

NOT TO SCALE



Morning Star Dr

ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2	2.5-3'	9
NUMBER OF TRENCHES		2
TOTAL LENGTH		113
ABSORPTION AREA		228 ft <sup>2</sup>
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	_____
MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	New 4" back baffle
BAFFLE FILTER	_____
MANHOLE LOC	New back manhole
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____
PUMP/SEPTIC TANK 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	_____

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Nathan Heath  
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES NO

PRE CONSTRUCTION NOTES:  
6/20/2024 flow spread.

CONTROL PANEL DATA	
CONTROL PANEL HEIGHT (MIN 30")	N/A
INSPECTION DATE	N/A
INSPECTION: PASS/FAIL (CIRCLE ONE)	

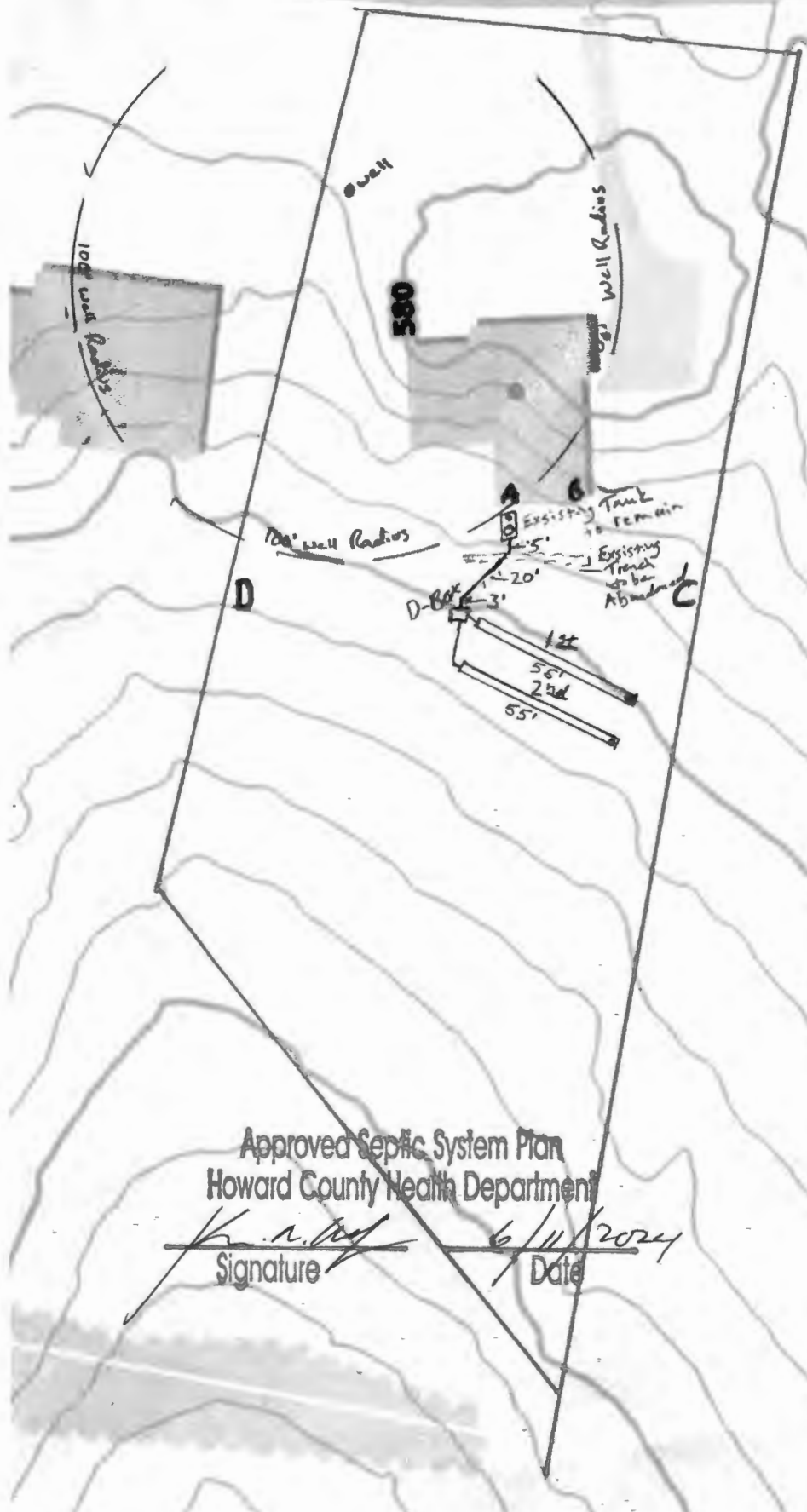
INSTALLATION NOTES:  
 6/20/2024; installer onsite for inspection. Trench inlets @ 2.5-3'. Stone + fabric ok. Length @ 52' + 58'. obs ports @ end of trenches. 1.5' between trenches. D-box has baffle + port, leveled while onsite. OK to backfill spine

FINAL INSPECTOR S. Page / M. Burns DATE OF APPROVAL 6/20/2024

Morning Star Dr

Hatfields Equipment (Installer)  
 Job Info:  
 Mary McMahon  
 5024 Morningstar Drive  
 Dayton, MD 21036

- 4 Bedrooms
- two trenches 55' Long w/observation Ports  
 9' Bottom  
 2' wide  
 6' store
- Install Distribution Box w/observation Port
- install Manhole on existing Septic Tank + new rear Baffle
- Replace 6" Clay Clean out with 6" PVC
- Abandon existing Trench



Distribution Box

A=37'  
 B=49'

1st Trench

Beginning  
 A=38'  
 B=48.5'  
 O=65'

End  
 A=86'  
 B=77'  
 C=13.5'

2nd Trench

Beginning  
 A=51'  
 B=62'  
 D=63'

End  
 A=91.5'  
 B=86'  
 C=19'

Approved Septic System Plan  
 Howard County Health Department

*[Signature]*  
 Signature

6/11/2024  
 Date

Emailed to Kevin Wolf  
 6-07-24

\*REVISIONS needed  
 Revised late 6/10/2024.