

**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](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 10/18/2024      **ONSITE SEWAGE DISPOSAL SYSTEM**      P 587838  
 APPROVAL DATE: 10/29/2024      **PERMIT: REPAIR**      A Repair  
 PROPERTY ADDRESS: 5401 Broadwater Lane  
 SUBDIVISION: Broadwater Property      LOT: 1      TAX ID: 05-391512  
 CONTRACTOR: Hatfield's Equipment      EMAIL: Ken@harfieldsequipment.com  
 CONTRACTOR ADDRESS: PO Box 519 Annapolis Junction      PHONE: 410-984-4880  
 PROPERTY OWNER: Doreen Hines      EMAIL: n/a  
 OWNER ADDRESS: Same as above      PHONE: 240-832-1039  
 SEPTIC TANK SIZE: Existing      PUMP SIZE: n/a      PUMP TANK CAPACITY: n/a

DISTRIBUTION SYSTEM:     GRAVITY     LPD    BEDROOMS: 4    APPLICATION RATE: 0.6gpd/ft<sup>2</sup>

TRENCHES:	LINEAR FEET REQUIRED: <u>140</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>10</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>n/a</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6 (.42)</u>
LOCATION:	SYSTEM STAKED BY INSTALLER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install system per approved design plans. Pump and collapse ex. drywell. Ex. failed trench off drywell to be disconnected and abandoned.	

ISSUED BY: Kevin M. Wolf, L.E.H.S.      ISSUE DATE: 10/21/2024      EXPIRATION DATE: 10/21/2025

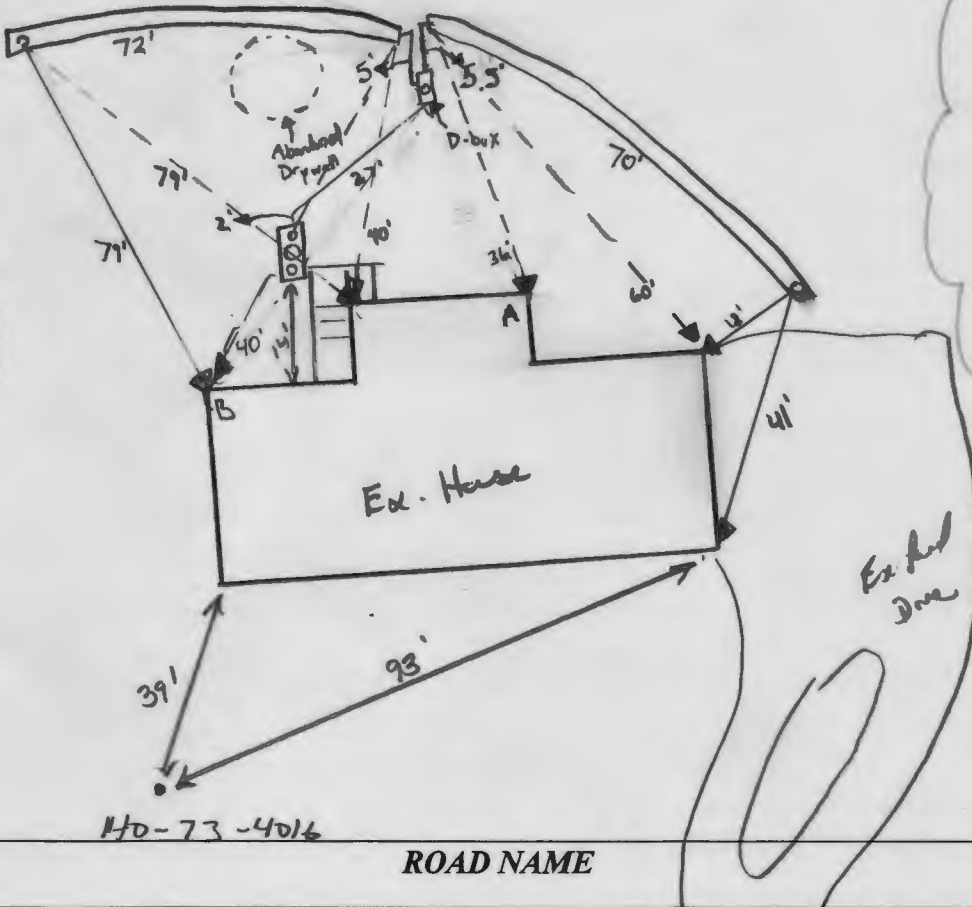
- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- 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 DOWNGRADE 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.**

NOT TO SCALE

Measurements

D-box - A: 33'  
D-box - B: 60'



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3	10
NUMBER OF TRENCHES		2
TOTAL LENGTH		142
ABSORPTION AREA		2982 Ft <sup>2</sup>
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Ex
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	Replaced back 4" baffle
BAFFLE FILTER	Ex
MANHOLE LOC	Installed riser
6" PORT LOC	Ex
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: Note Heath  
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:  
10/29/24 Design plans approved.

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

INSTALLATION NOTES:  
 10/29/24 Contractors on site. Currently digging and staking the trench closer to driveway. Stone is OK - is double washed according to ticket, but some of the rocks does have some cement dirt on it. Contractors installed a real back baffle for the septic tank. D-box has been leveled. Trench closer to deck has been stoned and covered with geotextile fabric. Trench inlet at 3'-3 1/2", OK to backfill. Old drywell has been crushed and abandoned. Currently covered with dirt since contractor has a small area to work with. Will be back in a m. for re-inspection (MB) 10/29/24 Contractor called b/c they got the second trench done. Inlet at about 3'-3 1/2", observation ports installed. Geotextile fabric installed. Trench lengths are per plan, OK to backfill (MB)

FINAL INSPECTOR \_\_\_\_\_ DATE OF APPROVAL \_\_\_\_\_



RT32N

BROADWATER LN

BROADWATER LN

560

530

570

5401

550

540

Doreen Hines

5401 Broadwater Lane (4 Bedroom)

Clarksville MD 21089

Installed  
Hattfield's Equipment Inc  
Repair PO Box 519 A Napolis

2 - 70ft trenches Junction

3ft wide 10ft deep

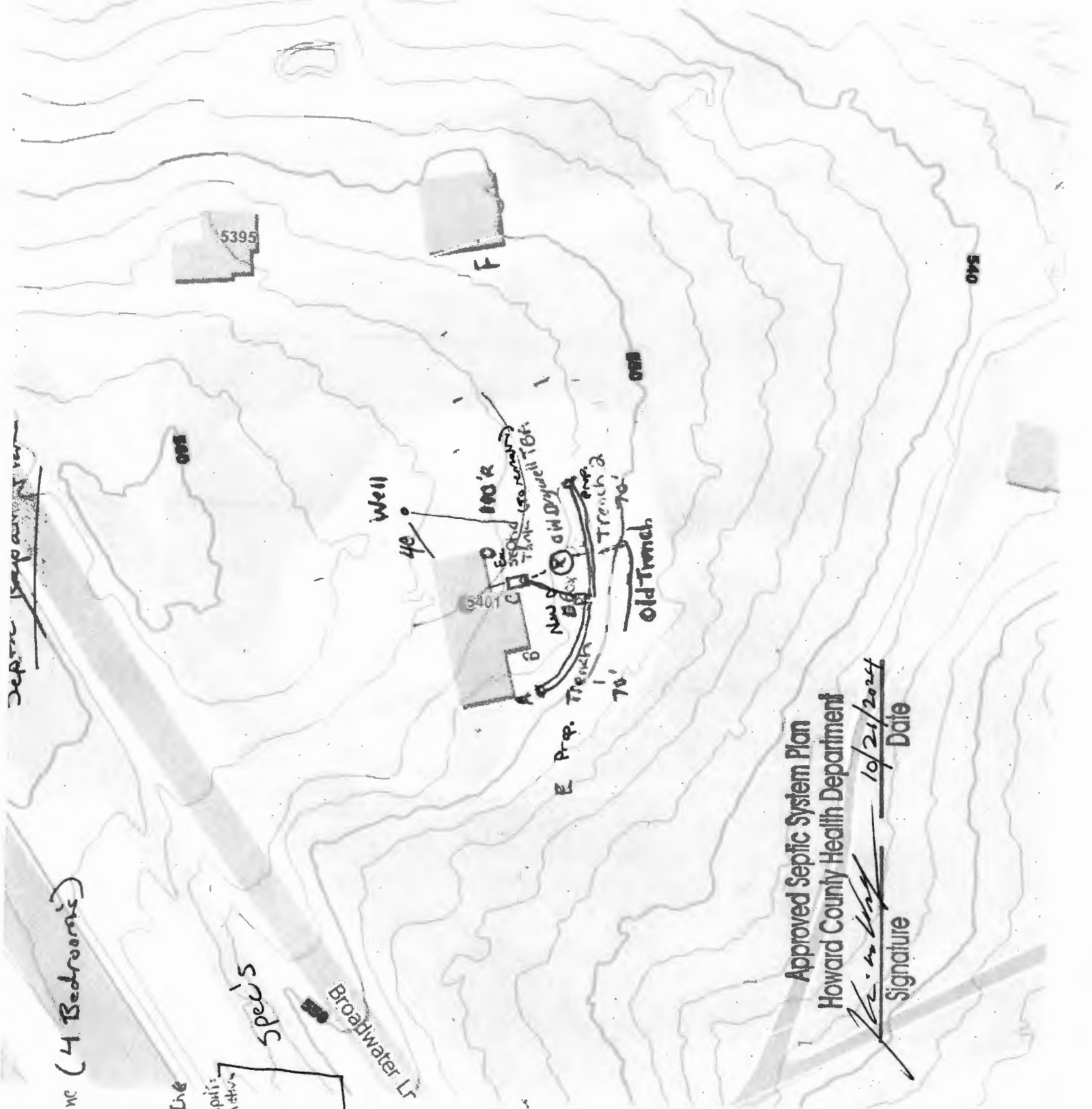
3ft inlet

Distribution Box

B 38'  
C 39'

Trench 1 End  
Start Trench 1  
B 43'  
C 44'

Trench 2 End  
Start trench 2  
B 45'  
C 46'  
D 94'  
F 136'



Approved Septic System Plan  
Howard County Health Department

*[Signature]*  
Signature

10/21/2024  
Date



# HOWARD COUNTY HEALTH DEPARTMENT

87838

CODES

DATE

10/18/24

05

CASH

CHECK

NO.

4707

Received From

Hoffield's Equipment

For

Bestic Pro 540 Backpack

Two hundred sixty five Dollars

\$

265.00

Received By

*[Signature]*

**RECEIPT**

Howard County, MD  
HOWARD COUNTY HEALTH DEPARTMENT  
ASCEND ONE BUILDING  
Columbia, MD 21045  
8930 STANFORD BLVD

**Application:** WS-SP-APP-24-00190  
**Application Type:** EnvHealth/Well and Septic/Sewage Disposal System/Application  
**Address:** 5401 BROADWATER LN, Clarksville, 21029

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<b>Receipt No.</b>	10914					
<b>Payment Method</b>	<b>Ref Number</b>	<b>Amount Paid</b>	<b>Payment Date</b>	<b>Cashier ID</b>	<b>Received</b>	<b>Comments</b>
Check	4707	\$265.00	10/18/2024	SMARTIN		

**Owner Info.:** HINES DOREEN A K  
5401 BROADWATER LN  
CLARKSVILLE, MD 21029

**Work Description:**