

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: 6-11-25 **ONSITE SEWAGE DISPOSAL SYSTEM** P 589091

APPROVAL DATE: 6/23/25 **PERMIT: REPAIR** A Repair

PROPERTY ADDRESS: 11912 Mekenie Court

SUBDIVISION: The Estates @ Sand Hill LOT: 37 TAX ID: 03-334740

CONTRACTOR: JET Septic (Trey Garrett) EMAIL: Jetseptic23@gmail.com

CONTRACTOR ADDRESS: 440 Bear Branch Road, Westminster, MD 21157 PHONE: 410-875-2311

PROPERTY OWNER: Lam Tong Wai EMAIL: waiwaitl@yahoo.com

OWNER ADDRESS: Same as above PHONE: 410-618-9999

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

DISTRIBUTION SYSTEM: GRAVITY LPD BEDROOMS: 5 APPLICATION RATE: 0.8gpd/ft

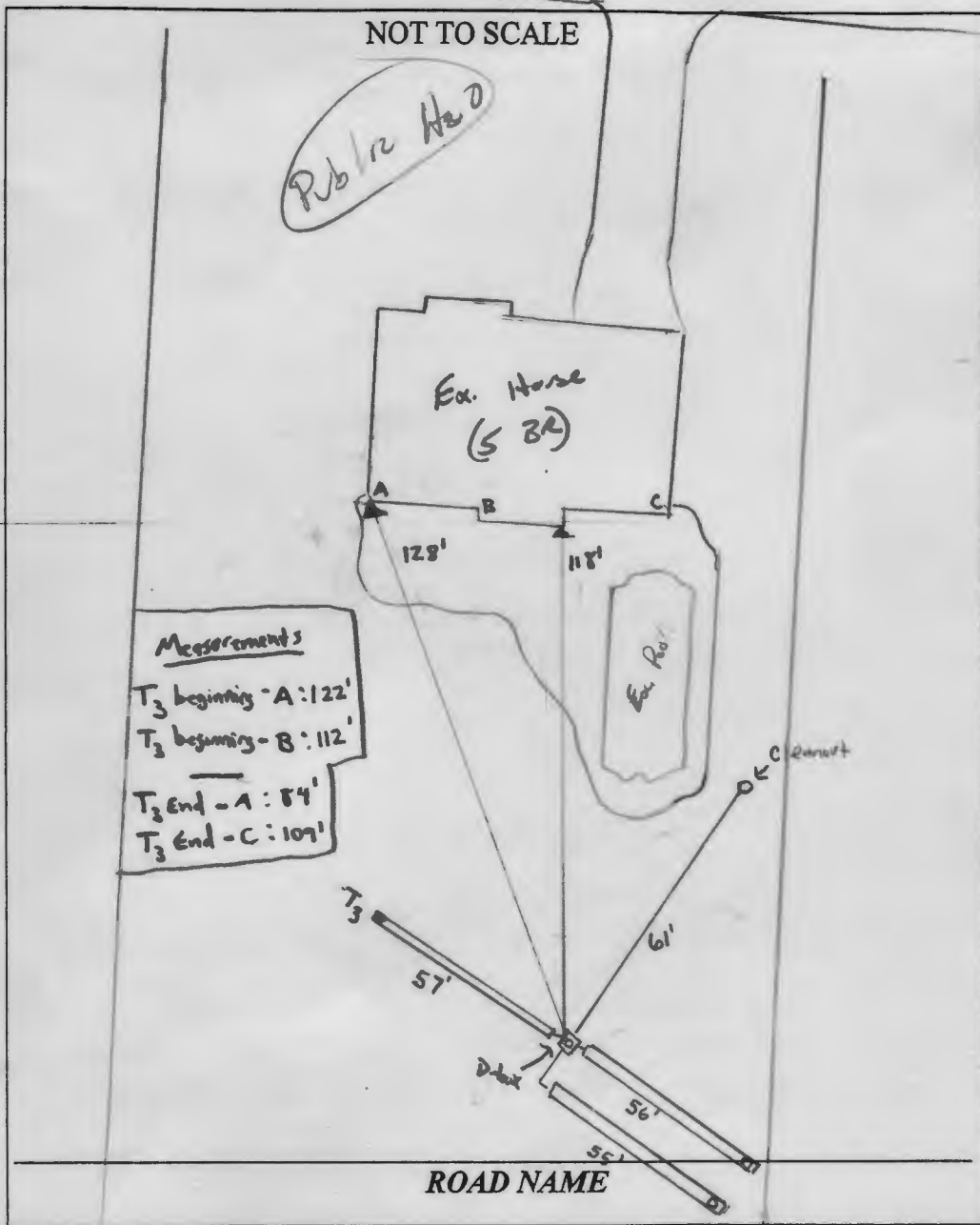
TRENCHES:	LINEAR FEET REQUIRED: <u>165</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>
LOCATION:	SYSTEM STAKED BY INSTALLER/DESIGNER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install system per approved design plans. Existing system to be disconnected. Lime/lose fill to be added over existing trenches to help mitigate excess sewage surface discharge. Must call in to our office to notify when work commences.	

ISSUED BY: Kevin M. Wolf, L.E.H.S. ISSUE DATE: 6/11/2025 EXPIRATION DATE: 6/4/2026

- 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 n/a
- 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: 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.**

11:40' - McKenna Ct -



Measurements
 T₃ beginning - A : 122'
 T₃ beginning - B : 112'
 T₃ End - A : 54'
 T₃ End - C : 109'

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		155'
ABSORPTION AREA		330' + Sidewall
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	
BAFFLE FILTER	
MANHOLE LOC	
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 SYSTEM: Charles Garrett III
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD. YES/NO

PRE-CONSTRUCTION NOTES:
 '6/1/2025 Design plan approved (Kew)

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

INSTALLATION NOTES:
 6/18/25 Contractor digging trench 1 while on site. 8' bottom. Stone is marginal. Contractor confirmed that space has been double-washed from Borough. Stone is marginal. Pipe inlet at 3'. Geotextile fabric + obs. pipe installed. (MB)
 6/18/25 Trench 2 is dug and stone being added. Started disappearing midway through. Stone continues to complete. Spill then leave the trench open and leave due to rain. Will be working tomorrow. He will be back filling trench 2 and waiting till Friday to start trench 3. (MB) 6/20/25 Contractor completed trench 3. Inlet at 3'. Geotextile fabric and obs. port added. D-box leveled. Contractor shared photos of trench 2 with geotextile fabric added. Prior to backfilling yesterday. Due to holiday we were unable to inspect. Contractor backfilled due to rain. (MB)

FINAL INSPECTOR M. Burns DATE OF APPROVAL 6/23/25

S.W. BARRICK - BARRICK QUARRY

PH: (301) 845-6341

11609 Legore Bridge Road * Woodsboro, MD 21798

Scale:3 TKT: 2020152

Cust#: JETSEP 6/18/2025
JET SEPTIC INC 5:43:22AM
Job#: VARIOUS VARIOUS LOCATIONS

TRK#: JS01 - JET SEPTIC (TRIPPLE.J.TRA

* P. T.

Zone#: 0000 - BARRICK PICK-UP Gross: 68960
P.O.#: * Tare: 27120
Proj#: Net: 41840
Mat'l#: 51-WASHED. 2'S(AASHTO#3) TONS: 20.92

	Loads	Tons
Job/Daily:	1	20.92
Job/Total:	5	103.41

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WEIGHMASTER: Madison Diaz

We exercise No Control Over Delivery of Our Products & We Won't be Held Liable for Any Damage to Person or Property.

Material Safety Data Information Available Upon Request.

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4/20/25 11912 McKenie Ct. (MB)



Trench 2



Trench 3 bottom depth @ 8'



Trench 3 bottom depth @ 8'

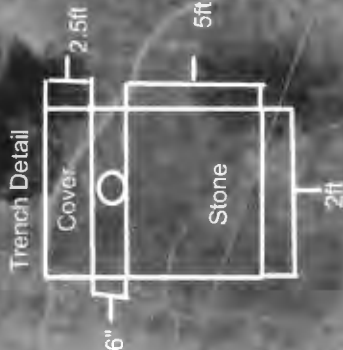
SEPTIC REPAIR DESIGN PLAN

11712 Mekenzie Ct.

Homeowner: Tong Lam
 11912 Mekenzie Ct
 Marriottsville MD 21104
 Tonglam704@gmail.com
 (410) 618-9999

Plan Preparer/Installer:
 Jet Septic Inc
 Charles Garrett III
 440 Bear Branch Rd
 Westminster MD 21157
 (410)875-2311

City water connection, no well
 Abandon existing trenches, install new five hole d-box
 w/ three 55ft long trenches
 165ft total of trenches
 2ft wide
 5ft of stone
 2.5ft of cover



Current # of Bedrooms: 4

Existing Septic Tank

Cleanout

Existing d-box & trenches to be abandoned

39ft from property line

55ft

Proposed D-box

2nd Earth Buffer

Proposed new trenches

55ft

24ft from property line

9ft in between trenches

50ft from property line

Approved Septic System Plan
 Howard County Health Department

Kenneth
 Signature
 6/4/2025
 Date

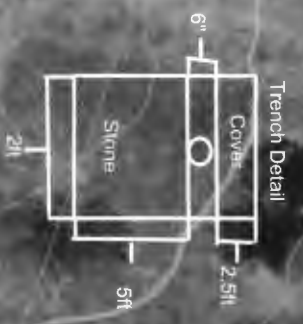
11912 Mekenie Ct

SEPTIC REPAIR DESIGN PLAN

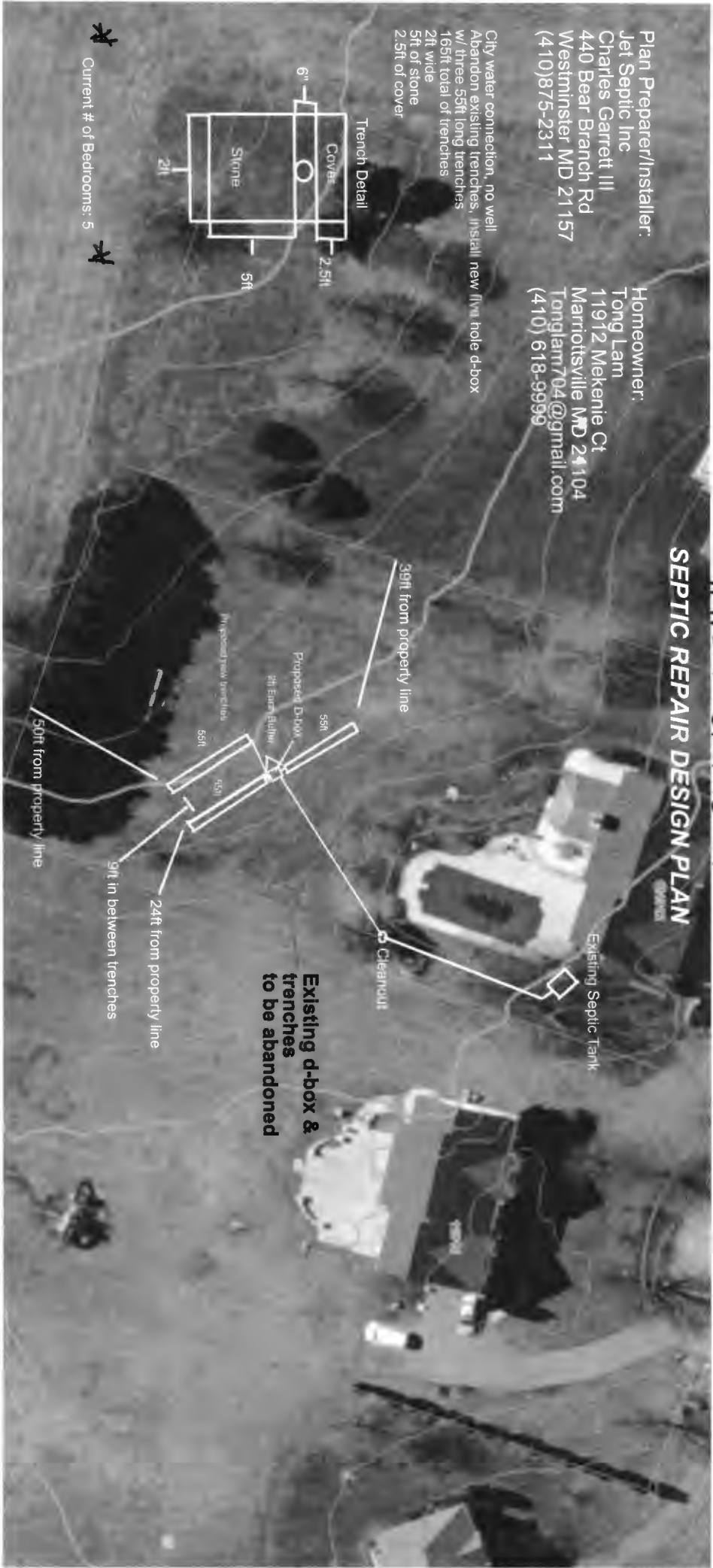
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Charles Garrett III
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Westminster MD 21157
(410)875-2311

Homeowner:
Tong Lam
11912 Mekenie Ct
Marriottsville MD 21104
Tonglam704@gmail.com
(410) 618-9999

City water connection, no well
Abandon existing trenches, install new 11/4" hole d-box
w/ three 55ft long trenches
165ft total of trenches
2ft wide
5ft of stone
2.5ft of cover



Current # of Bedrooms: 5



Approved Septic System Plan
Howard County Health Department

[Signature]
Signature

6/19/2015
Date