



# Howard County Health Department

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

## 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)

RECEIPT DATE: 4/21/22

### ONSITE SEWAGE DISPOSAL SYSTEM

P 571501

APPROVAL DATE: 05/02/2022

### PERMIT:

### REPAIR

A

PROPERTY ADDRESS: 3163 Lorenzo Lane

SUBDIVISION: \_\_\_\_\_

LOT: \_\_\_\_\_

TAX ID: \_\_\_\_\_

CONTRACTOR: Fogles Septic Clean Inc

EMAIL: kim@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784

PHONE: 410-795-5670

PROPERTY OWNER: Jeff Baehr

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 3163 Lorenzo Lane, Woodbine, MD 21797

PHONE: \_\_\_\_\_

SEPTIC TANK SIZE (GALLONS): Existing

PUMP CHAMBER CAPACITY (GALLONS): N/A

PUMP SIZE: -

NUMBER OF BEDROOMS: 5

HOUSE SQ. FT. \_\_\_\_\_

APPLICATION RATE: 0.8 gal/ft<sup>2</sup>

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>3'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11'4"</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5'</u>
LOCATION:	TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>Install 2 x 80' trenches as laid out in field. Set new box start of upper trench. Install new outlet baffle and new back line.</u>	

ISSUED BY: K. Wolf

ISSUE DATE: 4/27/22

EXPIRATION DATE: 4/27/23

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 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 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.

NOT TO SCALE

**TRENCH/DRAINFIELD DATA**

WIDTH INLET BOTTOM

3 3 8

NUMBER OF TRENCHES 2

TOTAL LENGTH 160'

ABSORPTION AREA 480 sq ft + 3' SIDE WALK

DISTRIBUTION BOX LEVEL SP000

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT YES

**Ex) SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER

CAPACITY 1500 GAL

SEAM LOC

TANK LID DEPTH 18"

BAFFLES Yes

BAFFLE FILTER

MANHOLE LOC Rear

6" PORT LOC Front

WATERTIGHT TEST OK

SLOTTED

DATE ON LID

PUMP/SEPTIC TANK LEVEL

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

PRE-CONSTRUCTION:

4/27/22 set new D box just below failed trench. Install 2x 78' trenches on contour as flagged in field. May need to adjust slope up hill of system to prevent standing water. Over 12 inches (X) (X)

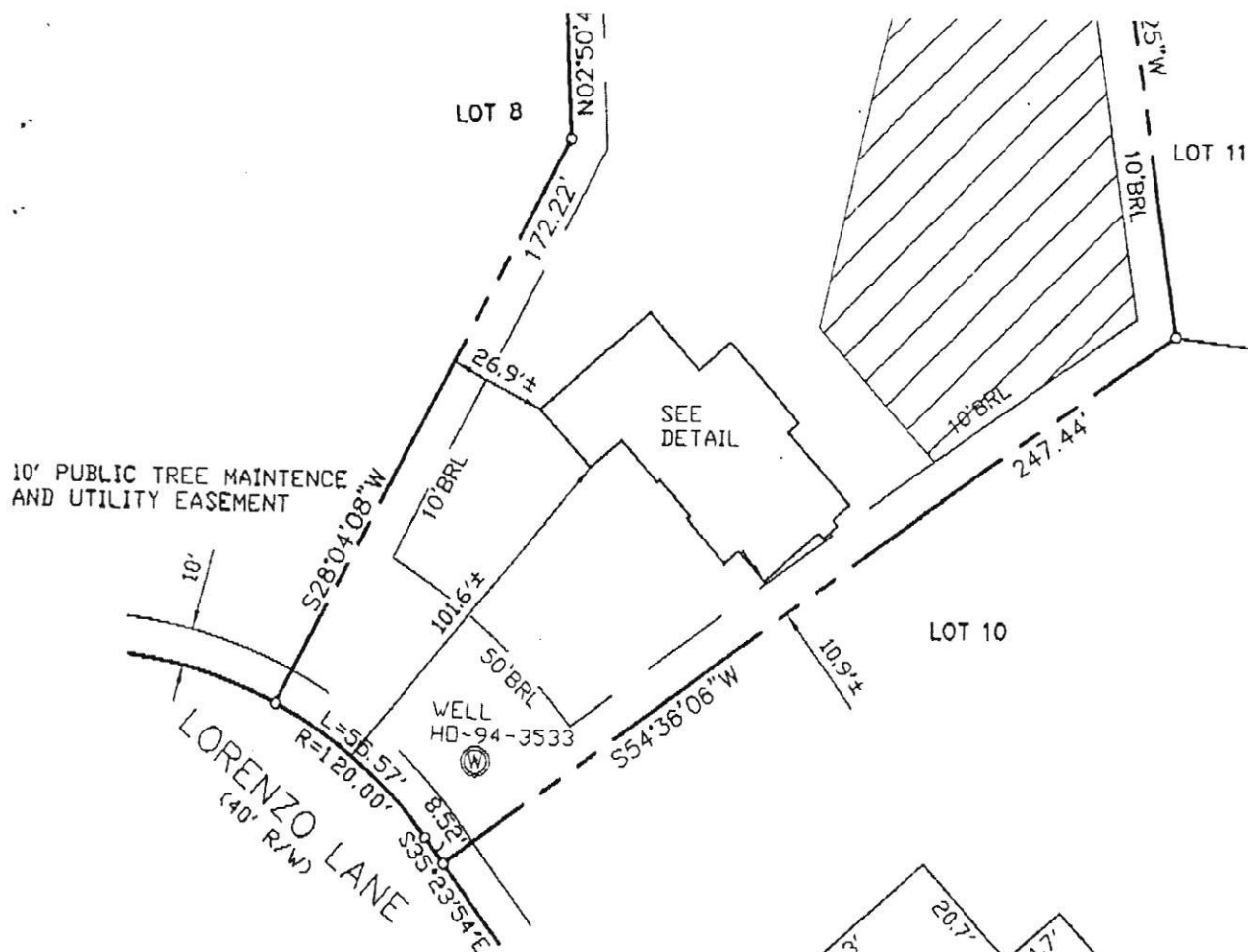
INSTALLATION: 4/29/22 Upper trench installed 50% partial stone. Stone looks clean. D box set (needs to be leveled). (X)

4/29/22 (pm) Upper trench complete. Lower trench started plus other baffle installed in field. OK to continue (pm) 05/02/2022 TRENCH COMPLETE; D BOX LEVELED w/ SP000 LEVELS.

FINAL INSPECTOR

DATE OF APPROVAL

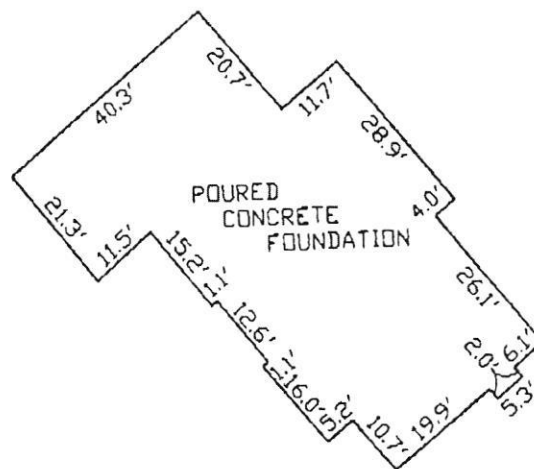
05/02/2022



TOP OF FOUNDATION WALL ELEVATION = 514.3'  
 OFFSET DIMENSIONS TO PROPERTY LINES ARE  $\pm 0.1'$

### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 06/14/04; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY FSH ASSOCIATES, INC. ENTITLED "WATERFORD FARMS LOTS 1 THRU 45", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 161164



### ~FOUNDATION DETAIL~

SCALE: 1" = 30'

### WALL CHECK

WATERFORD FARMS  
 LOTS 1 THRU 45

LOT No. 9

3163 LORENZO LANE

4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 06/14/04

DAVID M. HARRIS  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 MD REG. No. 10978  
 FOR BENCHMARK ENGINEERING, INC.  
 MD REG. No. 351  
 RECORD PLAT No. 16164  
 FEMA FIRM No. 240044 0013 B  
 ZONE: C  
 DATED: 12/04/86

BENCHMARK

ENGINEERS & LAND SURVEYORS & PLANNERS  
 ENGINEERING, INC.

8400 BALTIMORE NATIONAL PIKE & SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 phone: 410-463-8106 & fax: 410-463-8644  
 email: Benchmark@comcast.com



LAYOUT 8/5/04 INSP 4 \_\_\_\_\_  
INSP 2 8/6/04 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 7/28/2004

APPROVAL DATE: 8/10/04

**PERMIT**  
**INDEXED**

P 520803

A 515227-H

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

04-367723

— Fogler Septic Clean, Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐  
 ADDRESS: 580 Obrecht Rd PHONE NUMBER: 410-795-5670  
 SUBDIVISION: Waterford Farms LOT NUMBER: 9  
 ADDRESS: 3163 Lorenzo Lane PROPERTY OWNER: Toll MD II, LP  
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED ☐  
 PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☒  
 NUMBER OF BEDROOMS: 4  
 SQUARE FEET PER BEDROOM: 180  
 LINEAR FEET OF TRENCH REQUIRED: 149 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place (1) 69' trench and (1) 80' trench with both 12 ft center to center and parallel with contour. No more than 3' of grade over tank and 4' over distribution box.
NOTES:	

PLANS APPROVED: SRK/FA DATE: 2/25/04

NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

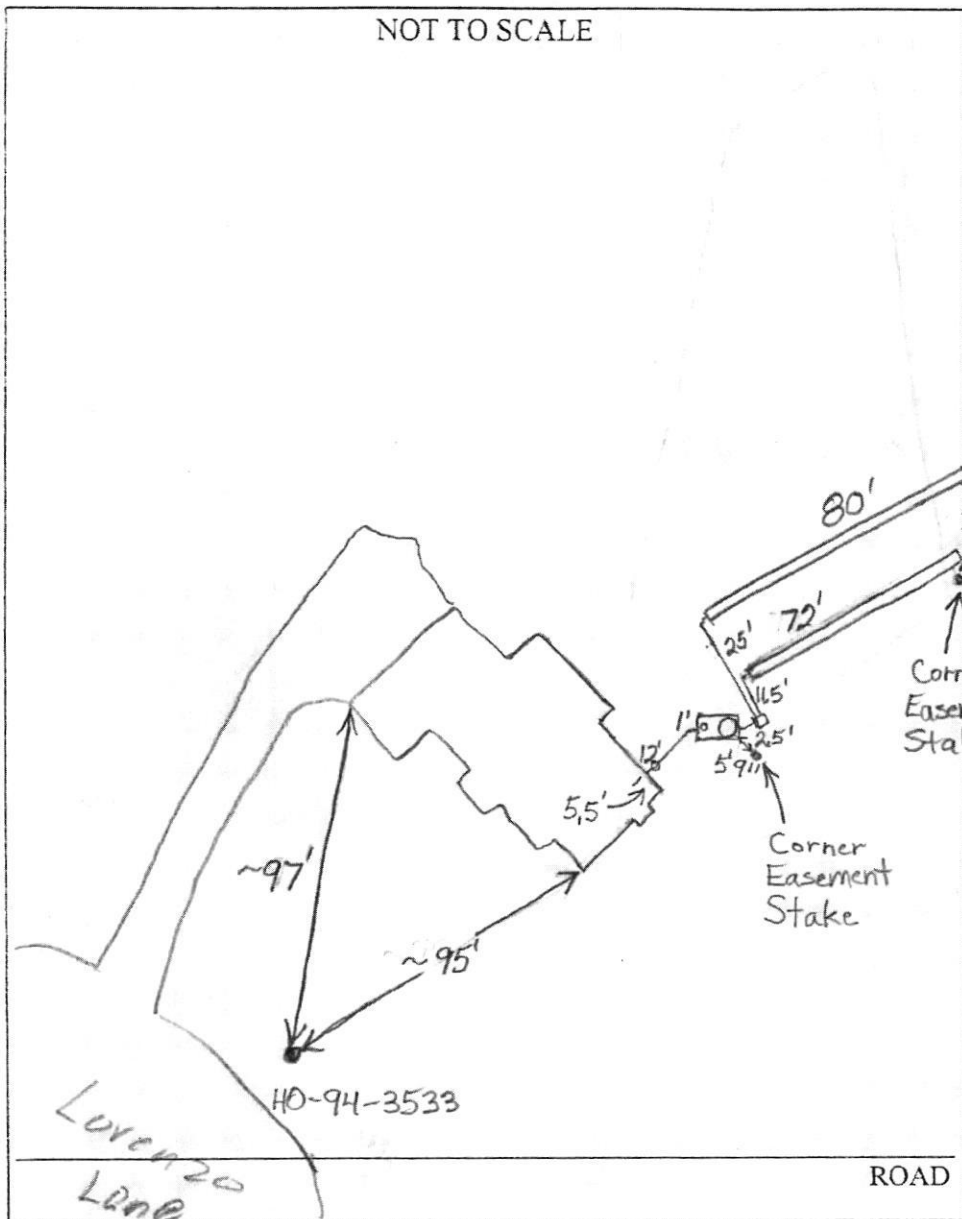
NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

**BUILDING PERMIT SIGNED** CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM  
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

## AND RETURNED

5/12/05 BOD 153745- DECK W/SCREENED PORCH  
5/11/06 BOD 159527- FINISH BASEMENT

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES 2		
TOTAL LENGTH 152		
ABSORPTION AREA 456 + Sidewall		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT No		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL ✓		
2-Comp.	CAPACITY 1500	GAL
	SEAM LOC Top	
	TANK LID DEPTH 1 1/2'	
	BAFFLES Yes	
	BAFFLE FILTER Yes	
	MANHOLE LOC Rear	
	6" PORT LOC Front	
	WATERTIGHT TEST No	
SEPTIC TANK 2 LEVEL N/A		
	CAPACITY	GAL
	SEAM LOC	
	TANK LID DEPTH	
	BAFFLES	
	BAFFLE FILTER	
	MANHOLE LOC	
	6" PORT LOC	
	WATERTIGHT TEST	

PRE-CONSTRUCTION 8/5/04 - SRA stated, contours accurate. Install per specs & B.P. (SC)

INSTALLATION 8/9/04 Tank set. First trench done. (BB) 8/10/04 Second trench done. O.K. to cover. Inspection done without file (BB)

BUILDING PERMIT SIGNED  
AND RETURNED

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 8/10/04

