



ALABAMA DEPARTMENT OF PUBLIC HEALTH PERMIT TO INSTALL(REPAIR) AN ONSITE SEWAGE DISPOSAL SYSTEM

Lauderdale County Health Department
Phone (256) 764-7453

Permit Number
13471

FLOW TYPE: Small **SYSTEM TYPE:** Conventional

INSTALLATION TYPE: New

PERMITTEE PHONE: 781-796-7926

PERMITTEE NAME: ANDREW FINGER

ADDRESS: 70 County Road 264, Florence, Alabama, 35633

DEVELOPMENT NAME:

LOT:

INSTALLATION CRITERIA

Disposal Type: Trench - 36 Inch Width @ 14 Inch Depth Below Natural Ground

Distribution: See Plans

Treatment: Septic Tank

Square Feet:

Disposal Product: Infiltrator Chamber - Quick 4 Plus LP

Linear Feet: 180

Tank Capacity: 1000

Approved Condition: Add required fill, then excavate trenches to required depth from top of fill. Landscape area for adequate drainage.

Other Requirements: NSF 46 Outlet filter and risers

Comment:

See engineer's note sheet before beginning installation to OSS. Maintain setback distances. EDF and REDF shall be protected at all times. Any cut or fill in EDF area will void permit.

ISSUE DATE: 08-26-2024

EXPIRATION DATE: 08-26-2029

Public Health Environmentalist Signature

Any person who installs, repairs, manages, and/or certifies an Onsite Sewage Disposal System (OSS) shall be licensed by the Alabama Onsite Wastewater Board (AOWB) or be exempt from such licensure pursuant to § 34-21A-1 et seq., Code of Alabama 1975. Call the local county health department (LHD) PRIOR to beginning the installation at (256) 764-7453.

Except as allowed in Rule 420-3-1 Onsite Treatment and Disposal, no part of any installation shall be covered or used until the LHD is afforded an opportunity to inspect and any necessary changes are made. Any part of the installation which has been covered prior to inspection or authorization by the LHD shall be uncovered, if necessary, upon direction by the LHD.

No changes shall be made to the design of the system without prior written approval from the soil professional. This Permit to Install (Repair) is null and void if: (a) conditions are changed from those shown on the application or the approved plot/construction plan; and/or (b) conditions of this permit are not followed.

Issuance of the Permit to Install (Repair) an Onsite Sewage Disposal System, and subsequent approval (if any) of same by representatives of the Alabama Department of Public Health or county health departments, shall not be construed as a guarantee that such systems will function satisfactorily for any given period of time; furthermore, the health department does not assume any liability for damages which are caused, or may be caused, by the malfunction of such a system.

CEP-2/3 PART-C SITE EVALUATION DATA

Name of Applicant/Establishment/Development _____

Location/Address _____

Evaluator

Engineer
 Land Surveyor
 Soil Classifier
 Geologist
 PHESS (CEP-2 Only)

Method Used

Percolation
 Unified
 Mapping
 Morphology

Note: All percolation results shall be reported. All testing methods and results are subject to verification by the LHD and/or the ADPH.

1. Unified / Morphology / Percolation Soil Boring Data (Attach additional sheets if necessary)

Hole No.	Layer ID/Horizon *	Depth of Upper/Lower Boundary	Dominant Color of Each Layer	Mottles, Redox, etc.	Texture*	Texture Group *	Other
1		0-4"	7.5yr 3/3		SM	III	
		4-36"	7.5yr 4/4		SC	III	
		36-42"	5yr 4/6		ML-CL	III	
		36-42" 15%	10yr 7/1	ashes at 36"	CL	III	
Field Sizing <u>60</u> mpi @ <u>26</u> Depth (in.)		Restriction Depth (in.) <u>36"</u>	Restriction Type per Table 7 <u>ashes</u>	Minimum Vertical Separation Distance per Table 7 <u>18</u> (in.)			

Hole No.	Layer ID/Horizon *	Depth of Upper/Lower Boundary	Dominant Color of Each Layer	Mottles, Redox, etc.	Texture*	Texture Group *	Other
		0-4"	7.5yr 3/3		SM	III	
		4-32"	7.5yr 4/4		SC	III	
		32-44"	7.5yr 4/6		ML-CL	III	
		32-44" 15%	10yr 7/1	ashes at 32"	CL	III	
Field Sizing <u>60</u> mpi @ <u>26</u> Depth (in.)		Restriction Depth (in.) <u>32"</u>	Restriction Type per Table 7 <u>ashes</u>	Minimum Vertical Separation Distance per Table 7 <u>18</u> (in.)			

Hole No.	Layer ID/Horizon *	Depth of Upper/Lower Boundary	Dominant Color of Each Layer	Mottles, Redox, etc.	Texture*	Texture Group *	Other
Field Sizing _____ mpi @ _____ Depth (in.)			Restriction Depth (in.) _____	Restriction Type per Table 7 _____	Minimum Vertical Separation Distance per Table 7 _____ (in.)		

* Required for Unified / Morphology methods only.

2. Percolation Test Data (Attach additional sheets if necessary)


Extended Saturation Procedure Testing <input type="checkbox"/> No <input type="checkbox"/> Yes	Percolation Hole No.	Date of Percolation Tests	Beginning / End Time of Saturation	Beginning / End Time of Testing	Total Depth of Hole (in.)	Depth from Surface to Restriction (in.)	Stabilized Percolation Rate in Minutes per Inch

3. Professional Soil Classifier Mapping Data attached

SITE EVALUATOR

Primary EDF design is limited by the most restrictive test result as recorded for hole number 1.

I, Larry W Black, do hereby certify that the above and attached (if applicable) soil tests were conducted as specified in Rule 420-3-1 and are true and accurate as presented.

Signature  Date 08/20/24 Registration No. PE 11294

Address 109 Wilson Way City Tuscumbia State AL Zip 35674

Phone (256) 762-9065 Fax _____ Email scot@solutionsllc.net

Firm Name S & L Solutions, LLC Address 109 Wilson Way, Tuscumbia, AL 35674

NOTE SHEET

No property survey was conducted. Property line locations are approximate. Elevations shown are assumed and are for comparison purposes only. Curve field lines to best fit field conditions. Keep heavy equipment off the field line placement area.

RECOMMENDATIONS:

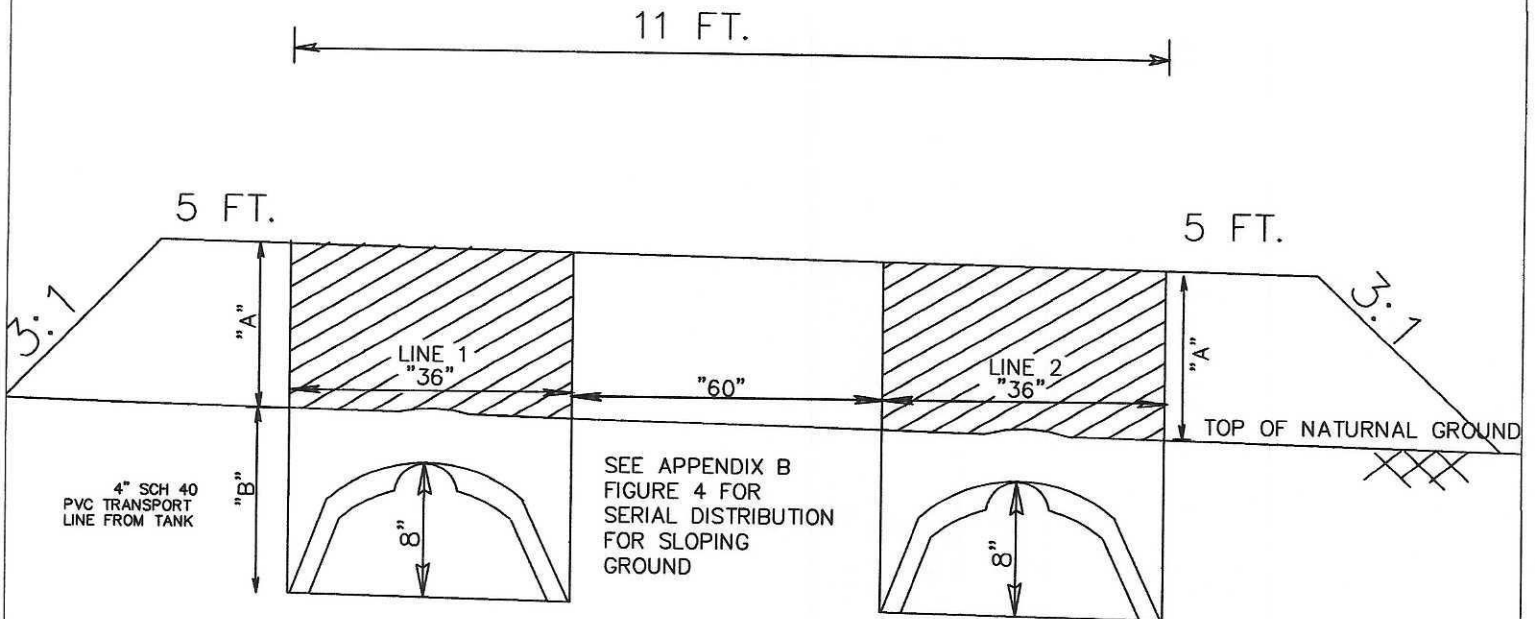
- Place 1 - pump and pump chamber (see pump spec's)
- Place 1 - 1000 gallon septic tank and 180 linear feet of
 - 10" gravel less pipe (or equal)
 - 36" gravel trench (or equal)
 - infiltrator pipe (or equal)
 - 8" high 12" high
 - Presby Pipe-SEE DWG & CALCULATION FOR DEPTH

using serial distribution
 level header
 shallow placement

Place field lines 14 inches deep.

ADDITIONAL NOTES: INSTALL AS PER SPEC. BOUNDARY OF EDF & REDF SHALL BE STAKED & FLAGGED. THE OWNER SHALL MAINTAIN THESE AREAS & PREVENT DAMAGE FROM HEAVY EQUIPMENT.

TYPICAL DRAWING
SPECIAL DETAILS FOR PLACING INFILTRATOR PIPE
FOR SHALLOW PLACEMENT



NOTE: "A" = 6 INCHES
"B" = 14 INCHES

PLACE FIELD LINES 60" APART SIDE
WALL TO SIDE WALL (8 FT. ON CENTERS)

TRENCH SHALL BE EXCAVATED AS DETAILED
AND BACKFILL USING SAME EXCAVATED MATERIAL