

Metro Public Health Department
 Division of Engineering Services
 2500 Charlotte Pike
 Nashville, TN 37209

PRIVATE SEWAGE DISPOSAL SYSTEM DESIGN

Repair New Construction Addition
 Property Address: 0 Dry Creek Road
 Property Map: 025-00-0 Parcel: 192.00

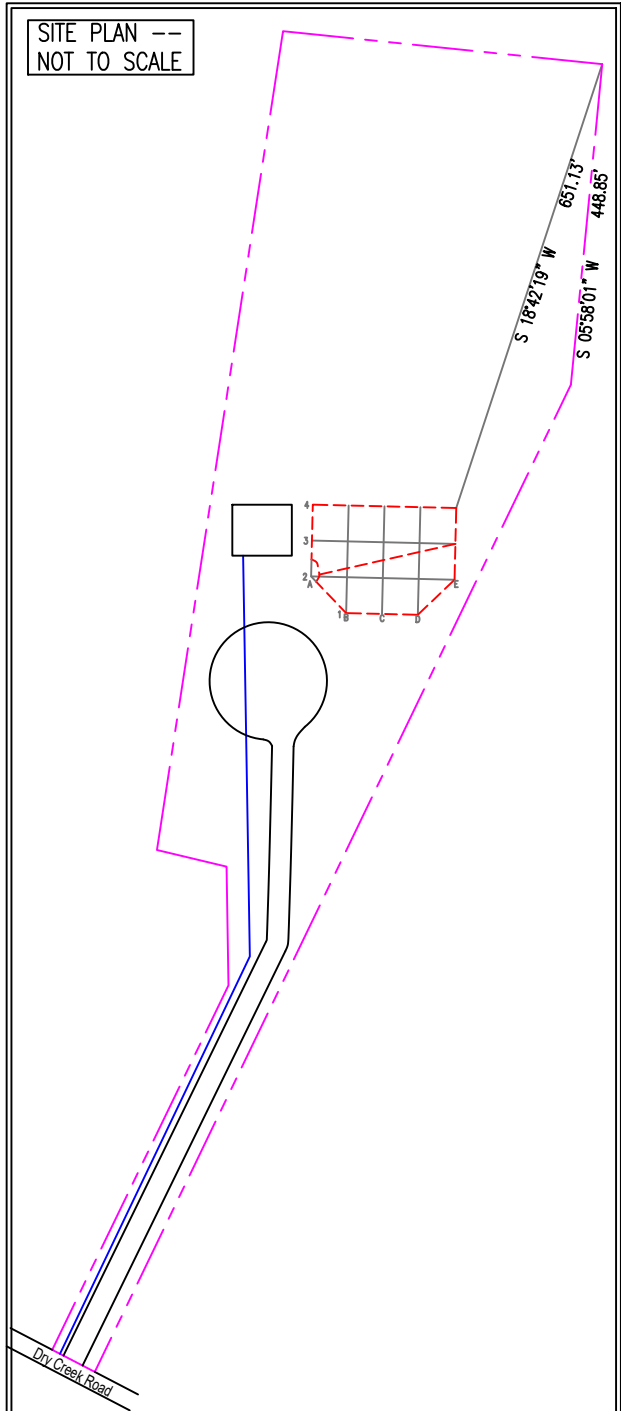
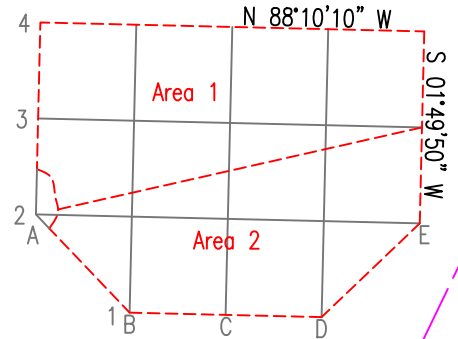
Owner/Agent: Lois & Cleo Anderson
 Address: 0 Dry Creek Road
 Goodlettsville, TN 37072
 Type of System: Conventional

DO NOT IMPLEMENT THIS PLAN WITHOUT READING AND UNDERSTANDING ATTACHED SPECIFICATIONS AND REQUIREMENTS SHEET
 Residence must be restricted to 5 bedrooms maximum. Grid stakes must remain in place until system is installed and approved. Filling or cutting of soil within 25 feet of disposal field areas may void approval. Approval expires in 2 years from date of issuance.

Proposed 5 bedroom residence

**Chisel plow and/or disk and smooth soil to an acceptable grade to reclaim minor ruts and scraping in septic areas prior to installation

Proposed water line



Proposed driveway

If indicated, areas 1 and 2 are required for the soil absorption system. The initial system is to be installed within the boundaries of area number 1 with area number 2 being held in reserve for future use, if necessary. These areas are to remain undisturbed in their natural condition where no cut, fill, driveway, or waterline is allowed. The installation of the system shown gives no assurance that it will function satisfactorily and the owner remains responsible for keeping generated sewage from creating a health hazard. If desired, the owner may contact an engineer to design a different system and submit plans to the Metro Public Health Department for review and approval.

Note: Call for system inspections (340-5604) only after work is finished and by 9:00 a.m. of the desired day of inspection.

Scale: 1" = 100'

Date: 5/5/2026

Drawn by: K. McCanless

Specifications and Requirements for the Construction or Alteration of a Private Sewage Disposal System

Property Owner/Agent: Lois & Cleo Anderson
Mailing Address: 0 Dry Creek Road
Goodlettsville, TN 37072

Property Address: 0 Dry Creek Road
Property Map ID: 025-00-0 192.00
Project or Proposal: Construction of a 5-Bedroom Residence

Septic Tank Specifications

- ✓ Install a 1250 gallon (min.) working capacity, two-compartment, watertight septic tank
- ✓ Install an effluent filter in the outlet tee of the septic tank. The rear access port of the septic tank must extend two inches past finished grade level. The handle of the filter must extend to within two feet of the top of the riser.

Conventional System Specifications

- ✓ Install 370 square feet of disposal field trench area (per bedroom)
- ✓ Install 1850 square feet of disposal field trench area (total for a 5-bdrm residence)

Restricted Trench Depths: 24 inches minimum to 24 inches maximum

Maximum variation of trench bottom elevation per 100 feet: 2 inches

Notes:

1. Septic areas were disturbed with minor rutting and slight compaction during land clearing process. Disc and plow area smooth prior to installation of septic.
2. See next page for pump requirements if it is determined that the finish elevation of the proposed residence will not allow for gravity flow of sewage to overflow.
3. If any circumstances are encountered that would prevent the installation of a septic system capable of supporting a 5-bedroom residence as shown, reach out to this office at (615)340-5604 for alterations to the design and specification sheet.
4. Permits to perform this work must be obtained from MPHD and all work must be performed by a septic installer certified to work in Davidson County.
5. All work is to remain uncovered until final inspection has been completed.
6. All grid stakes are to remain until final inspection has been completed.

By: Kathryn McCanless

Date: 5/5/2026

REV: October 8, 2014

Phone: (615) 340-5630
Fax: (615) 340-8581

<https://www.nashville.gov/Health-Department.aspx>

Environmental Engineering
Services
2500 Charlotte Avenue
Nashville, TN 37209



Pump System Specifications

- ✓ Install 1500 gallon (min.), single compartment, watertight pump tank
- ✓ Minimum pump requirements: 10 gallons per minute at xx feet of total dynamic head pressure (to be determined when finish floor elevation etc. is established)
- ✓ Approximate manifold length: 75 feet - Manifold diameter: 2 inches
- ✓ Baffle box to be installed at high point – near grid stake A2 for Area 1

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Nashville / Davidson County
Protecting, Improving, and Sustaining Health