



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION APPLICATION FOR GROUND WATER PROTECTION SERVICES

1. SERVICE REQUESTED: (check service)	APPLICANT COMPLETE QUESTIONS:	FEES DUE	PTBMIS CODES V689 Code Supp/Code
☒ Septic System Construction Permit:			
☒ Dwelling	2, 3, 4, 7, 8, 9	\$	78064 Yes
Commercial: gpd	2, 3, 4, 7, 8, 9	\$	78064 Yes
System Modification	2, 3, 4, 7, 8, 9	\$	78064 Yes
Repair	2, 3, 4, 7, 8, 9	\$	
Inspection Letter	2, 3, 5, 7, 8, 9	\$	78030
Certificate of Verification	2, 3, 5, 7, 8, 9	\$	78032 Yes
Water Sample			
Total Coliform	2, 3, 6, 7, 8, 9	\$	78036 Yes
Fecal Coliform	2, 3, 6, 7, 8, 9	\$	78038 Yes
Alternative System Permit*		\$	78068
Large Conventional System Plan Review*		\$	78090
Large Alternative System Plan Review*		\$	78090
Experimental System Plan Review*		\$	78072
Subdivision Evaluation: Lots:		\$	78084
Soil Mapping: Type _____ Acres _____		\$	Yes
Installer Permit: Type(s) _____		\$	78026 Yes
Pumper Permit*		\$	78028
Plat Approval — Individual Lot:		\$	78029
Domestic Septage Disposal Site Permit:		\$	78031

*Applicant may review these service requests with Environmental Specialist prior to processing application.

2. LANDOWNER: Names: <u>Russell Smith</u> Address: <u>955 Shoemaker Rd</u> <u>Crossville, TN 38571</u> Day Phone: <u>260-2695</u>	APPLICANT Name: <u>Nathan Smith</u> Address: <u>801 Bristow Rd</u> <u>Crossville, TN 38571</u> Day Phone: <u>931-260-3974</u>	ORIGINAL OWNER Name: _____
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3. LOCATION OF LOT OR SITE: a) In a subdivision? _____ b) Name: _____ Lot # _____
 b) Non-Subdivision ☒ Give specific directions and address to the lot or site: Just Right of + using same drive as 240 Tate Rd
Crossville, TN 385

4. FOR SSDS PERMIT ONLY: a) Size of lot 10 acres b) Number of Bedrooms 4X3
 c) How many occupants? 3 d) Excavated Basement? Yes _____ No ☒
 e) Basement Plumbing Fixtures? Yes _____ No ☒
 f) Amount of water used monthly (gallons) _____
 g) Water Supply: Public ☒ Well _____ Spring _____
 h) Is the lot staked? ☒ If not, date it will be staked: _____
 Is the house staked? ☒ If not, date it will be staked: _____
 i) Installer, if known: F. Smith

5. FOR INSPECTION LETTER ONLY: Will pick up ☒ Please mail _____
 a) Age of house Construction b) Is house vacant? _____ How long? _____
 c) Original sewage system inspected _____
 d) Date of previous repairs _____ Inspected _____
 e) Is waste water "backing up" into plumbing fixtures? _____ Surfacing on the ground? _____
 f) All waste water including washing machines routed into septic tank _____

6. FOR WATER SAMPLE ONLY: a) Source of Supply: Spring _____ Well _____
 b) Is there an outside faucet? _____ c) Is the source chlorinated? _____
 d) For Wells: Is the casing 6" above the ground? _____ Is a sanitary seal on the casing? _____

7. MAKE A ROUGH SKETCH ON BACK OF THIS WHITE PAGE SHOWING DIRECTIONS TO PROPERTY, PROPERTY LINES, HOUSE SITE, WELL LOCATION, SPRING LOCATION, PLANNED DRIVEWAY AND UTILITIES.

8. ALL FEES DUE IN ADVANCE AND ARE NON-REFUNDABLE (except upon appeal). See Fee Schedule on reverse. Make check payable to: **TREASURER, STATE OF TENNESSEE**

9. I certify that the above information is true and correct to the best of my knowledge, and that I have been authorized by the above named landowner to submit this Application for Environmental Services to the Division of Ground Water Protection.

DATE: 3/28/07 SIGNATURE: X Nathan Smith AMOUNT PAID: \$ 250.00 RECEIPT NUMBER 1876

White: File

Canary: Owner

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GROUND WATER PROTECTION
PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM**

Issued to: Smith, Nathan
Owner, Developer, Contractor, Installer, Etc.
Location: Tate Road
Installation:
☒ 1. New Installation
☐ 2. Repair to Existing System
Establishment:
☒ 1. Residential: # Bedrooms 3
☐ 2. Other: _____ (specify)
Gal/Day _____

Evaluation Based Upon:
☒ 1. Soil typing by Soil Scientist
☐ a. General
☒ b. High Intensity
☐ c. Extra High Intensity
☐ 2. Soil Percolation Test
☐ 3. Environmental Specialist
Estimated Absorption Rate: 30 MPI

Type of System:
☒ 1. Conventional
☐ 2. Low Pressure Pipe
☐ 3. Mound
☐ 4. Lagoon
☐ 5. Large Diameter Gravelless Pipe
☐ a. Sand backfill required
☐ 6. Other _____

Approval based upon:
Statute No. T.C.A. 68-221-403
☐ (c) Percolation test
☐ (d) Grandfather clause, Current standards except those specified.
☐ (f) 12" (karst) and 6" (non-karst) buffer required

☒ (i) 9" buffer required (24"-36" total soil depth)
☐ (k) Grandfather clause — meets June 30, 1990 standards (repair only)
☒ Other: pages

This system shall consist of a two compartment septic tank holding 900 min gallons, with 370 linear feet in 4-5 trenches, 36 inches wide and 18" inches deep. (Depth of gravel: 8 inches)
* do not exceed 18" trench depth.

Also required:
☐ 1. Soil Improvement Practice (SIP)
☐ 2. Flow Diversion Valve
☐ 3. Sewage Pump
☒ 4. Other: 3' of topsoil

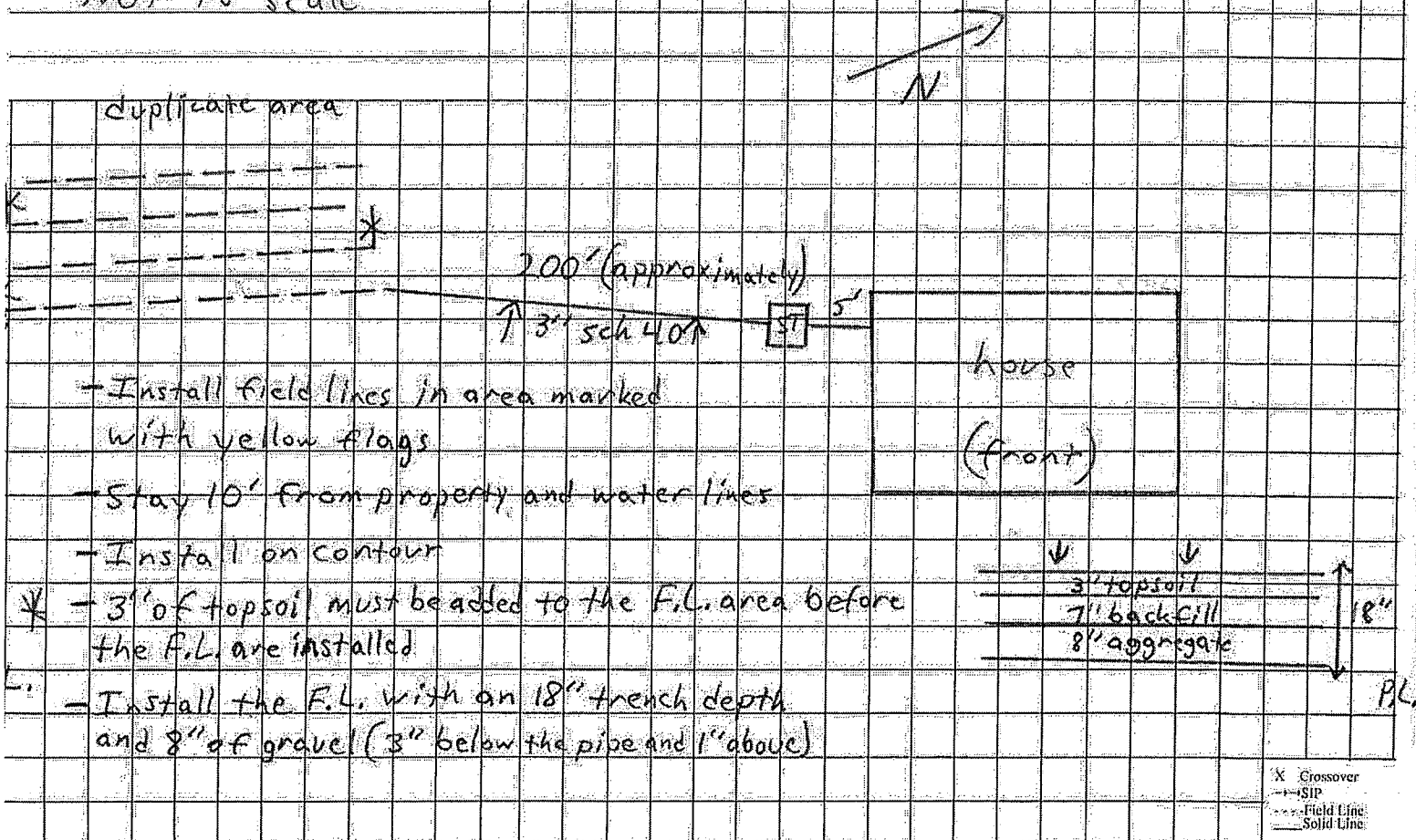
All installers of subsurface sewage disposal systems must hold a valid annual license from the Tennessee Department of Environment and Conservation.

The recipient of this permit agrees to construct or have constructed the above described system in accordance with T.C.A. 68-221-401 et. seq. and The Regulations To Govern Subsurface Sewage Disposal Systems. If any part of the system is covered before being inspected and approved, it shall be uncovered by the recipient of the permit at the direction of personnel of the Department of Environment and Conservation. Any cutting, filling or alterations of the soil conditions on the aforementioned property after this day may render this approval null and void.

Signature of Recipient: [Signature] Date: 5-31-07
Issued at: Crossville Tennessee, in: Cumberland County
By: John Groulberry Env. Spec. I Date: 4/16/07
(Name and Title) (Date of Issue)

This permit is valid for 3 years from date of issue.

Notes: Not to scale



This is a permit to construct and is not intended to imply approval of any work proposed or completed on this lot.





CERTIFICATE OF COMPLETION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

Issued to: Smith, Nathan
Owner, Developer, Contractor, Installer, Etc.

Location: 238 Tate Road

Type of system

- ☒ 1. Conventional
☐ 2. Low Pressure Pipe
☐ 3. Mound
☐ 4. Lagoon
☐ 5. Large Diameter Gravelless Pipe
 (a) Sand backfill required Yes () No ()

☐ 6. Other _____

Tays 900

(type)

(volume)

Septic Tank

Estimated Absorption Rate 30

(minutes per inch)

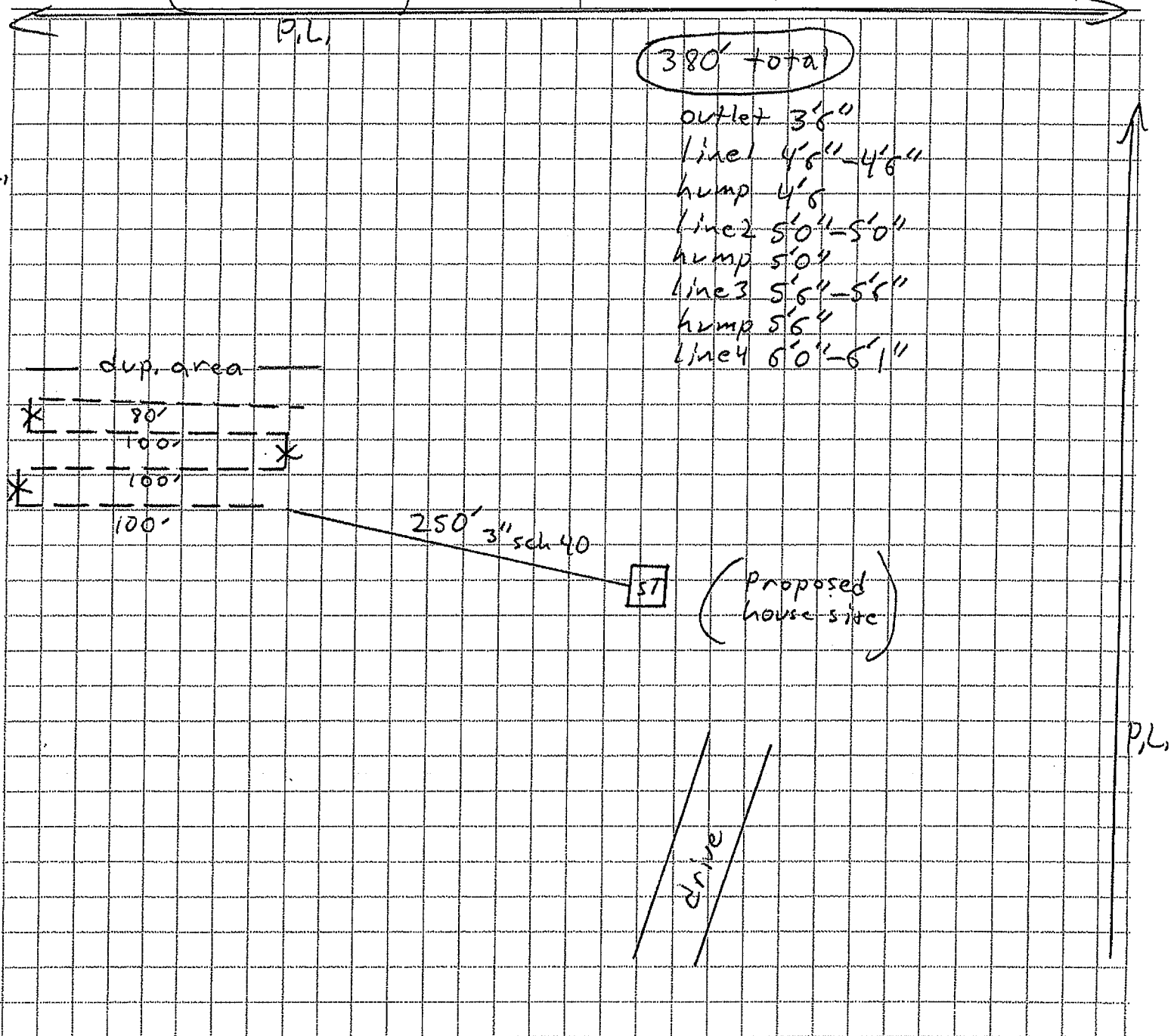
☒ New Installation

() Repair

() Other

Installed by: Ricky Smith

(Not to scale)



Construction Approved By:

John Gierbergh Env. Spec. I
(Name and Title)

6/11/07
(date)