

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

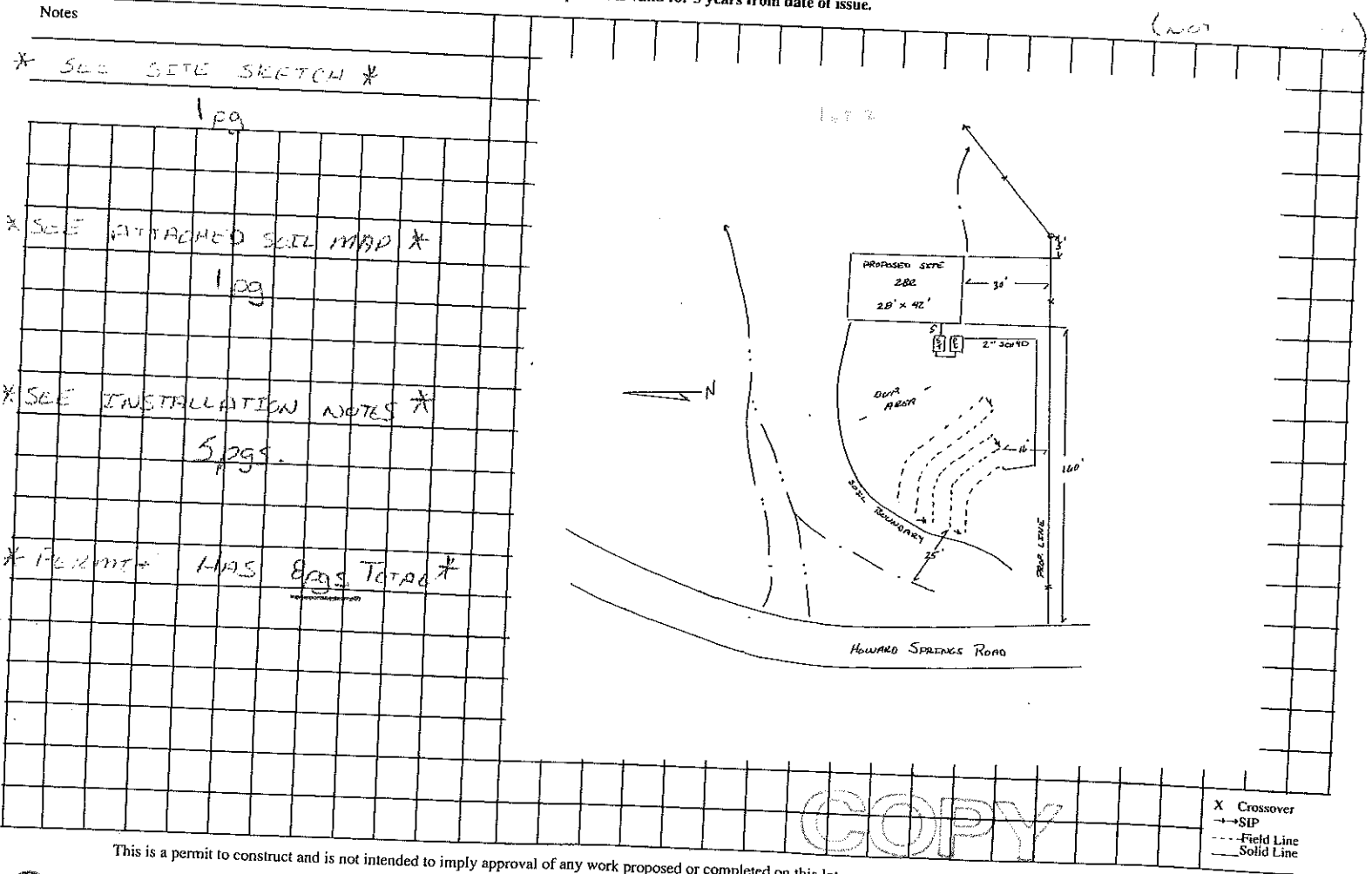
Issued to: <u>ANTHONY FENOLLY</u> Owner, Developer, Contractor, Installer, Etc. Location: <u>HOWARD SPRINGS ROAD #1</u> Installation: <input checked="" type="checkbox"/> 1. New Installation <input type="checkbox"/> 2. Repair to Existing System Establishment: <input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>2</u> <input type="checkbox"/> 2. Other: _____ (specify) Gal/Day _____	Evaluation Based Upon: <input checked="" type="checkbox"/> 1. Soil typing by Soil Scientist <input type="checkbox"/> a. General <input checked="" type="checkbox"/> b. High Intensity <input type="checkbox"/> c. Extra High Intensity <input type="checkbox"/> 2. Soil Percolation Test <input type="checkbox"/> 3. Environmental Specialist Estimated Absorption Rate: <u>30</u> MPI Approval based upon: Statute No. <u>T.C.A. 68-221-403</u> <input type="checkbox"/> (c) Percolation test <input type="checkbox"/> (d) Grandfather clause. Current standards except those specified <input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) buffer required	Type of System: <input checked="" type="checkbox"/> 1. Conventional - <u>GRAVEL ONLY</u> X <input type="checkbox"/> 2. Low Pressure Pipe <input type="checkbox"/> 3. Mound <input type="checkbox"/> 4. Lagoon <input type="checkbox"/> 5. Large Diameter Graveless Pipe <input type="checkbox"/> a. Sand backfill required <input type="checkbox"/> 6. Other  <input checked="" type="checkbox"/> (i) 9" buffer required (24"-36" total soil depth) <input type="checkbox"/> (k) Grandfather clause — meets June 30, 1990 standards (repair only) <input type="checkbox"/> Other _____
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This system shall consist of a two compartment septic tank holding 750 MIN + PUMP CHAM. 750 gallons, with 250 linear feet in 5' trenches, 36 inches wide and 18" inches deep. (Depth of gravel: 8 inches)  
 \* DO NOT EXCEED 18" TRENCH DEPTH  
 Also required: 3" OF TRENCH - 2900 TO 700.  
 1. Soil Improvement Practice (SIP)  
 2. Flow Diversion Valve  
 3. Sewage Pump 12000 @ 2070A  
 4. Other: PUMP CHAMBER 750 - SINGLE COMPARTMENT

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.

Anthony Fenolly (Signature of Recipient) \_\_\_\_\_ Date \_\_\_\_\_  
 Issued at CROSSVILLE Tennessee, in COMBERLAND County  
 By Brian H. Austin (Name and Title) E S III Date 13 AUG 2014 (Date of Issue)

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



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

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

Issued to: <u>ANDREW FURLEY</u> Owner, Developer, Contractor, Installer, Etc. Location: <u>HOWARD SPRINGS ROAD #2</u> Installation: <input checked="" type="checkbox"/> 1. New Installation <input type="checkbox"/> 2. Repair to Existing System Establishment: <input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>2</u> <input type="checkbox"/> 2. Other: _____ (specify) Gal/Day _____	Evaluation Based Upon: <input checked="" type="checkbox"/> 1. Soil typing by Soil Scientist <input type="checkbox"/> a. General <input checked="" type="checkbox"/> b. High Intensity <input type="checkbox"/> c. Extra High Intensity <input type="checkbox"/> 2. Soil Percolation Test <input type="checkbox"/> 3. Environmental Specialist Estimated Absorption Rate: <u>30</u> MPI	Type of System: <input checked="" type="checkbox"/> 1. Conventional - <u>GRAVEL ONLY</u> ! <input type="checkbox"/> 2. Low Pressure Pipe <input type="checkbox"/> 3. Mound <input type="checkbox"/> 4. Lagoon <input type="checkbox"/> 5. Large Diameter Gravelless Pipe <input type="checkbox"/> a. Sand backfill required <input type="checkbox"/> 6. Other
Approval based upon: Statute No. <u>T.C.A. 68-221-403</u> <input type="checkbox"/> (c) Percolation test <input type="checkbox"/> (d) Grandfather clause. Current standards except those specified <input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) buffer required		<input checked="" type="checkbox"/> (j) 9" buffer required (24"-36" total soil depth) <input type="checkbox"/> (k) Grandfather clause — meets June 30, 1990 standards (repair only) <input type="checkbox"/> Other _____

This system shall consist of a two compartment septic tank holding 750 GALLONS AND PUMP CHAMBER 750 gallons, with 170 linear feet in 3' trenches, 36 inches wide and 22" inches deep. (Depth of gravel: 12 inches)

Also required: 3" LE TOPSOIL - 19 CUBIC YARDS  
 1. Soil Improvement Practice (SIP)  
 2. Flow Diversion Valve  
 3. Sewage Pump 106 GPM @ 20' TDH  
 4. Other: PUMP CHAMBER 750 SINGLE COMPARTMENT

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.

Andrew Furley (Signature of Recipient) Date \_\_\_\_\_  
 Issued at CLISSVILLE Tennessee, in CLAMBERLAND County  
 By Brian Hunter E.S. IV Date 13 AUG 2014  
 (Name and Title) (Date of Issue)

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

Notes * SEE SITE SKETCH * 1pg * SEE ATTACHED SOIL MAP * 1pg * SEE INSTALLATION NOTES * 5pgs * PERMIT HAS <u>8</u> PAGES TOTAL	
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This is a permit to construct and is not intended to imply approval of any work proposed or completed on this lot.

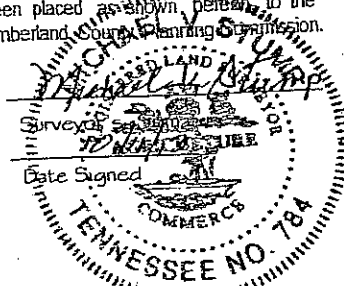
**CERTIFICATE of OWNERSHIP and DEDICATION**

I (We) hereby certify that I am (we are) the owners of the property shown and described hereon and that I (we) hereby adopt this plan of subdivision with my (our) free consent, establish the minimum building restriction lines, and dedicate all streets, alleys, walks and parks as shown to the public or private use noted. We further acknowledge that any change to this subdivision constitutes a re-subdivision and requires the approval of the Planning Commission.

Date Signed \_\_\_\_\_ Owner's Signature \_\_\_\_\_  
 Date Signed \_\_\_\_\_ Owner's Signature \_\_\_\_\_

**CERTIFICATE of ACCURACY and PRECISION**

I hereby certify that the plan shown and described hereon is a true and correct Class II survey and that the precision is 1:7,500 performed in accordance to current Standards of Practice for Land Surveyors. I further certify that the monuments have been placed as shown hereon to the specifications of the Cumberland County Planning Commission.



**CERTIFICATE of EXISTING WATER LINES**

I hereby certify that the water lines shown hereon are in place and are operated by the WEST CUMBERLAND Water Utility District to serve the property herein subdivided.

Date Signed \_\_\_\_\_ Superintendent or Official of Water Utility District \_\_\_\_\_

**CERTIFICATE of EXISTING STATE or COUNTY ROAD**

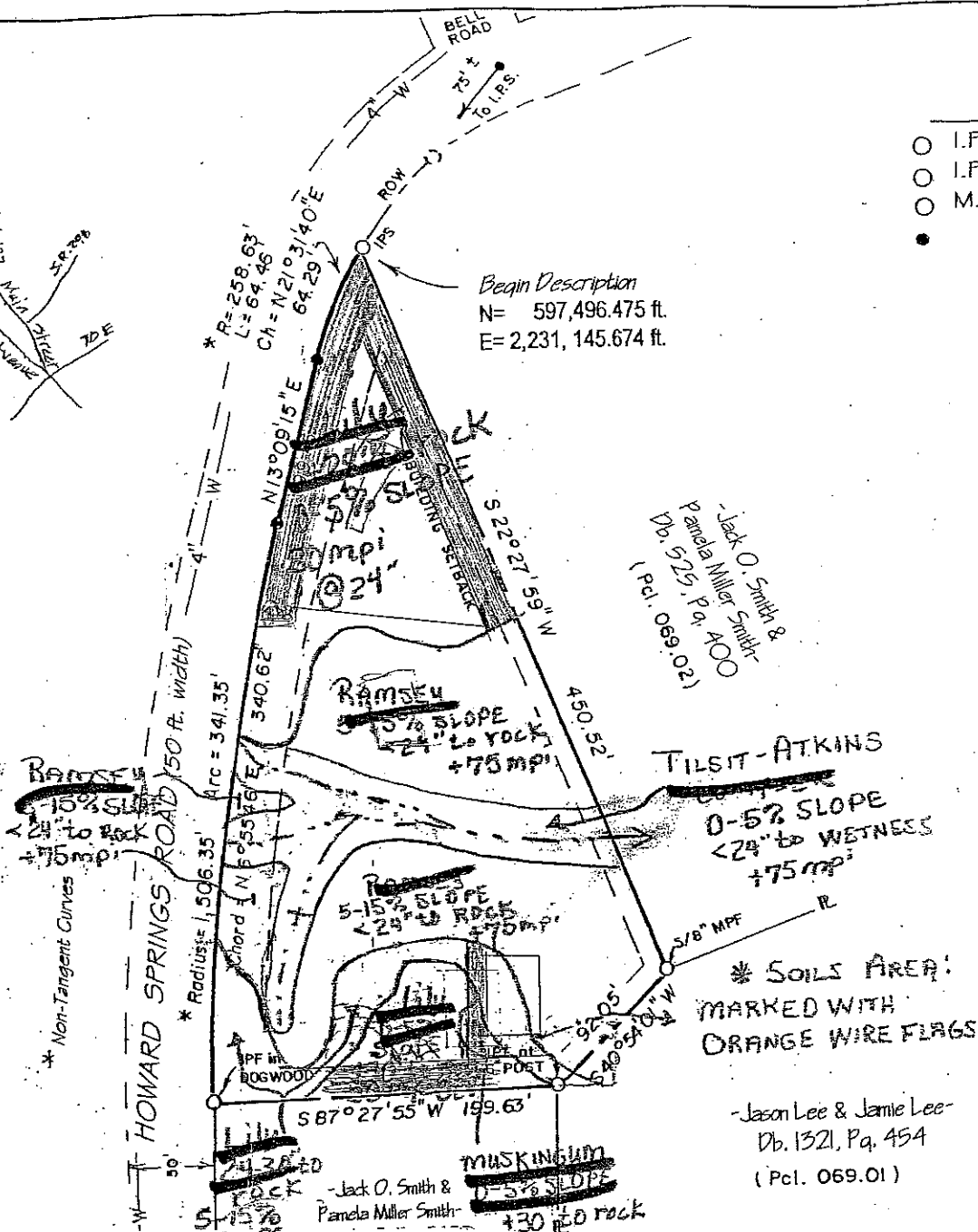
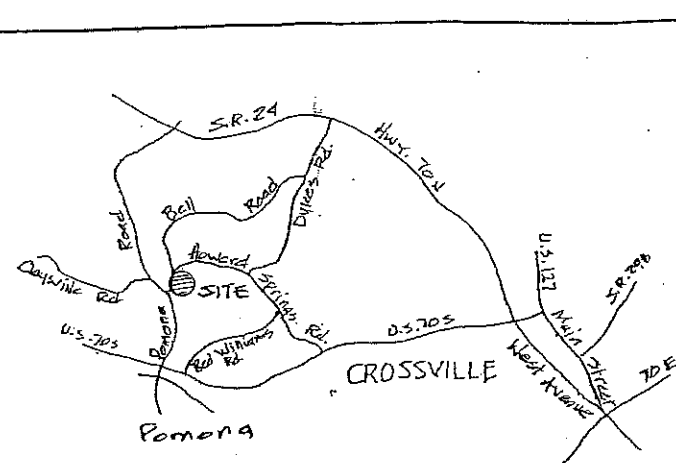
I hereby certify that the road(s) shown on this plat has the status of accepted road regardless of current condition.

Date Signed \_\_\_\_\_ County Road Superintendent or Official \_\_\_\_\_

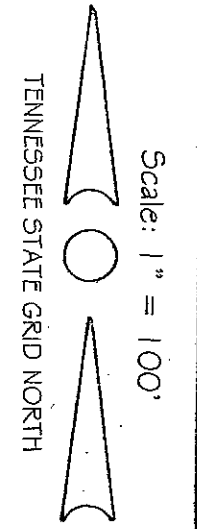
**CERTIFICATE of APPROVAL for RECORDING**

I hereby certify that the Subdivision Plat shown hereon have been found to comply with the Subdivision Regulations of the Cumberland County Planning Commission with the exception of such variances, if any, as are noted in the official minutes of the Cumberland County Planning Commission, said plat has been approved for recording in the Office Of the Register of Cumberland County, Tennessee.

Date Signed \_\_\_\_\_ Secretary of the Planning Commission \_\_\_\_\_



- LEGEND**
- I.P.S. Iron Pin, Set
  - I.P.F. Iron Pin, Found
  - M.P.F. Metal Pipe, Found
  - Calculated Point



- BUILDING SETBACKS**
- Thirty (30) feet along all lot lines abutting local streets.
  - Ten (10) feet along all side and rear lot lines.
  - Twenty (20) feet from the center of major drains and streams.
- PUBLIC UTILITY and DRAINAGE EASEMENTS**
- Twelve (12) feet along all front property lines.
  - Six (6) feet along all side and rear lot lines.
  - Twelve (12) feet along the side and rear lot lines that are along the perimeter of the subdivision.
  - Twenty (20) feet from the center of all major drains and streams.

**SOILS & ENVIRONMENTAL SERVICES**  
 319 CENTRAL AVENUE, CROSSVILLE, TN 38555  
 PPHONE & FAX: (931) 484-8554;  
 E-MAIL soilmap@frontiernet.net

8/7/14  
 COUNTY: Cumberland : DATE : 10/22/13  
 DESCRIPTION: HIGH INTENSITY SOIL MAP  
 LOCATION: Jack O. Smith & Pamela Smith Subdivision  
 Lot 2: Howard Springs Road: 1.71 Acre Tract  
 ANY CUTTING OR FILLING SOILS SCIENTIST DATE  
 WILL VOID THIS SOIL MAP

Signature of Andrew K. Brown 8/7/14  
 Andrew K. Brown Lic. # 18/&/or Douglas W. Davis Lic. # 34  
 Signature of the Soil Scientist does not constitute approval by the Dept. of Env. & Cons.

FINAL PLAT of LOT 2 - JACK O. SMITH & PAMELA SMITH SUBDIVISION		
Presented To The Cumberland County Planning Commission		
DEVELOPER/OWNER: Jack & Pamela Smith ADDRESS: 2379 Howard Springs Road Crossville, Tenn. 38571 TELEPHONE: 931-456-5864	AREA DIVIDED: 1.71 Acres NUMBER of LOTS: 1 SCALE: 1" = 100' JOB NO. 04113	SURVEYOR: M.V. Stump 45 Guinevere Lane Crossville, Tenn. 38555 931-484-8107
References: DB. 1304, PG. 1889 & Tax Map 085, Parcel 069.03 (Part of Parcel 069.00) EIGHTH CIVIL DISTRICT		

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