

PIN: 8596-84-6636-000 File Name: Poplar Crest Lot 34 Permit No.: 21-150

**TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH**

**Operation Permit**

New  Repair \_\_\_\_\_ Addition/Expansion \_\_\_\_\_

No. of Bdrms: 3 System Type: III f Proprietary Name: 10" ID LDP

Joe Bryson Kell Bond # 5501  
Owner's Name System Installer and Certification Number

Jaylen Sloop REHSE 9/15/2021  
Authorized State Agent Date of Operation Permit Issuance

This system has been installed in compliance with applicable NC General Statutes, Rules for Sewage Treatment and Disposal and all conditions of the Improvement Permit and Construction Authorization

Septic Tank Manufacturer: Infiltrator IM-1060 STB- 2071 Date of Manufacture: n/a  
Filter Brand: Polylok 30130/ PL-68

See "As Built" Drawing

Conditions/Comments: Trench Depth= 12" near tank, 24" near house

Subsurface system operator required? No  Yes \_\_\_\_\_ If yes, see attached sheet for additional operation conditions, maintenance and reporting.

The septic tank should have all compartments pumped out every 3-5 years, on average, or when the solids are more than 1/3 of the liquid depth in any compartment. Depending upon trench depth, maximum fill over the drainfield cannot exceed two feet. Establish cover over drainfield and divert surface waters to prevent erosion or degradation of the system. No part of the septic system should be subjected to: traffic or any other compaction; vegetation with aggressive and/or hydrophilic (water loving) root systems such as maples or willows; excessive fill or heavy landscaping materials such as rocks/boulders; or any other activities or circumstances that may alter site conditions and may cause problems with the initial system or the repair area as permitted.

ex. drive

cul-de-sac

prop. 3 Br house  
(footers are already poured)

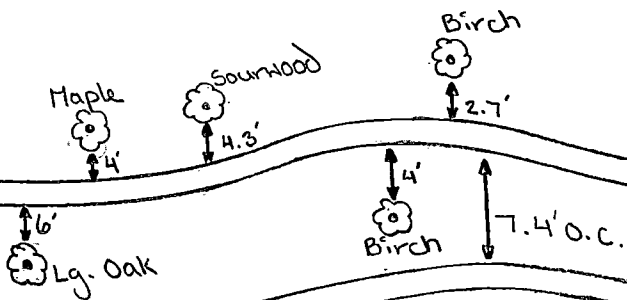
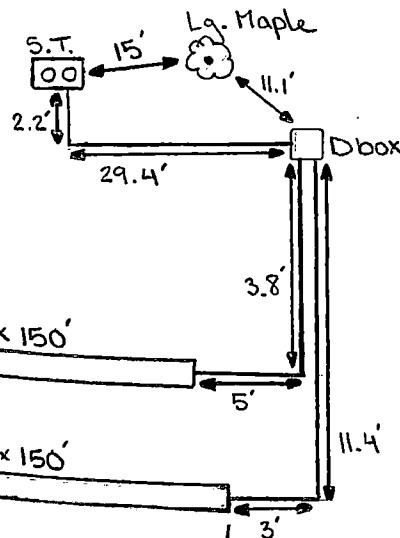
Tank:  
Infiltrator  
IM-1060  
STB-2071

\* Trench depth: 12" near tank  
24" near house

"As Built"  
TNS 9/10/21

Filter:  
Polylok 30130  
PL-68

Drain:  
10" ID LDP



Repair Area  
Type III f

To Sm. See B 50' MIN

25' MIN to drain

25' MIN to

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TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Bryson, Joe PROPERTY LOCATION: TBD Poplar Crest Drive

New  Repair  Expansion   
Type of Structure: 3 bedroom residence  
Proposed Wastewater System Type: Type III 10" ID LDP  
Projected Daily Flow: 360 GPD  
Number of bedrooms: 3 Max. No. of Occupants: 6

Site Improvements required prior to Construction Authorization Issuance:  
Fee has been paid, site visit with installer has been conducted

Pump Required:  Yes  No  May be required based upon final location and elevations of facilities  
Pump systems with an effluent pump must be designed by a Professional Engineer (P.E.) and plans submitted to the Environmental Health Section for approval.  
Type of Water Supply: New well Improvement Permit Expiration Date: 5/31/2026

Permit conditions: N/A

Authorized State Agent: James A Bayer, REHS Date: 5/31/2021 See Attached Permit Diagram

The issuance of this permit by the Transylvania County Environmental Health Section in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This permit is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

**SELF-INSTALLATION NOT PERMITTED - MUST USE CERTIFIED INSTALLER**  
**Construction Authorization**

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: Bryson, Joe Facility Type: 3 bedroom residence

Basement?  Yes  No Basement Plumbing Fixtures?  Yes  No  
Type of Wastewater System\*\* Type III 10" ID LDP (Initial) Wastewater Flow: 360 GPD  
(See note below, if applicable ) Same (Repair) LTAR: 0.5 GPD/ft2 (ATS, 2007)

Installation Requirements/Conditions

Septic Tank Size: 1,000 gallons, minimum Total Trench Length: 300 feet Trench Spacing: 6 Feet on Center  
Pump Tank Size \_\_\_\_\_ gallons, minimum Trench Width: 1 feet Distribution Method: D-BOX EQUAL ONLY

Trenches shall be installed on contour at a maximum trench depth of: 15 inches. There shall be a minimum of 6" of soil cover over the installed drainfield material and the bottom of the trench shall not be greater than 36" from the surface of the ground at final grade.  
(Trench bottoms shall be level to +/- 1/4" in all directions)

**SIGN HERE**

Min. Distance between system and nearest: Well XXXX ft. Water Line 10 ft Foundation 5/15 ft Property Line 10 ft Vertical Cut 15 ft

Permit Conditions: Install 300' of 10" ID LDP on countour. Use D-box ONLY. Contact TCDPH with any questions.

*Handwritten signature and date: SB/21*

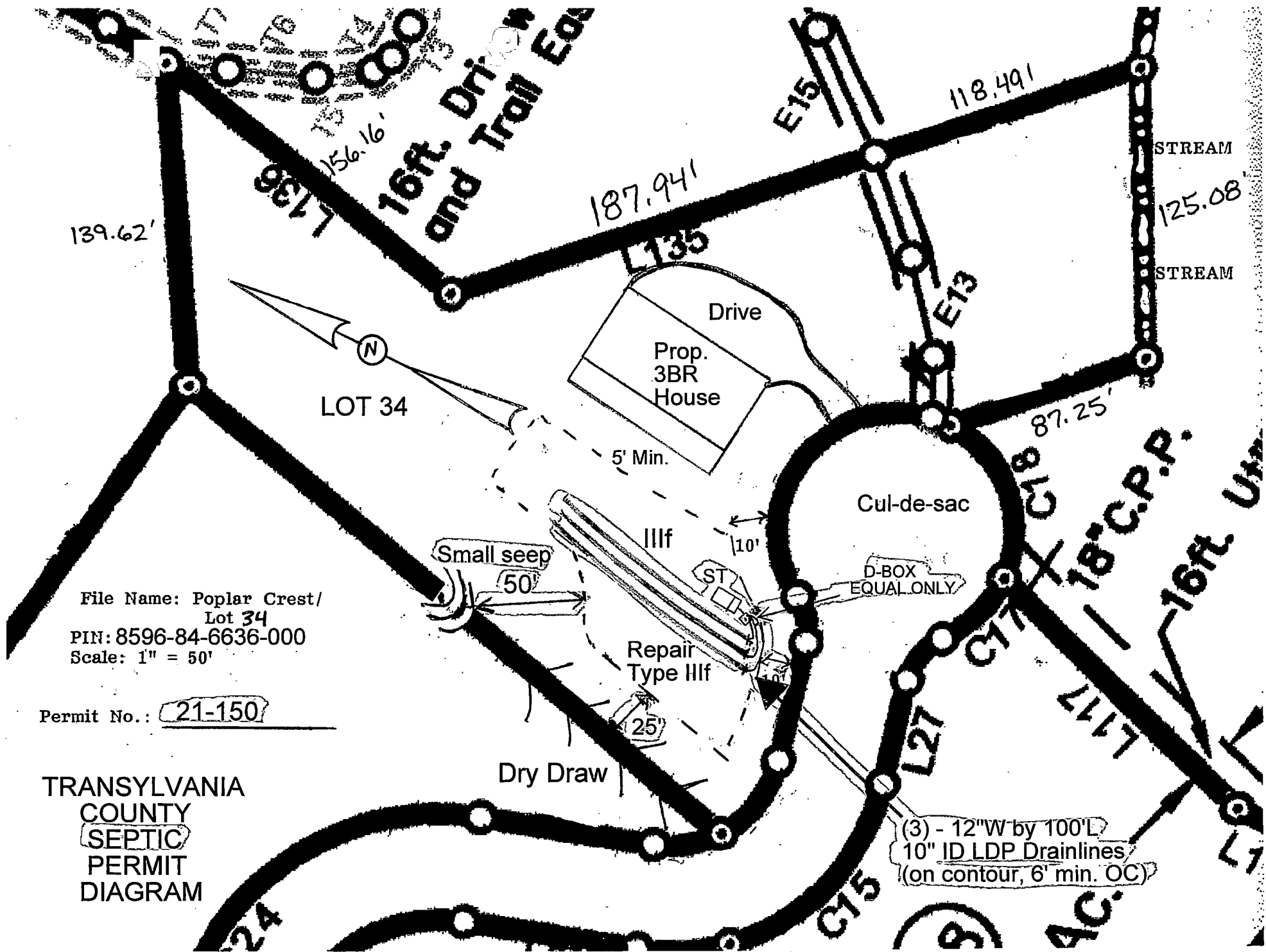
\*\*If applicable:  
I accept the specifications of this permit.

Owner/Legal Representative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. I agree to have the on-site wastewater system installed by an authorized installer in accordance with the Improvement Permit, Construction Authorization, permit diagram and any conditions specified therein.

Authorized State Agent: James A Bayer, REHS Date of Issuance: 5/31/2021

See Attached Permit Diagram Construction Authorization Expiration Date: 5/31/2026



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 Lot 34  
 PIN: 8596-84-6636-000  
 Scale: 1" = 50'

Permit No.: 21-150

TRANSYLVANIA  
 COUNTY  
 SEPTIC  
 PERMIT  
 DIAGRAM

(3) - 12"W by 100'L  
 10" ID LDP Drainlines  
 (on contour, 6' min. OC)