

345 Knob Road

PIN: 8595-65-7879-000

File Name: Timber Ridge, Lot 3

Permit No.: 20-205

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH



Repair

Operation Permit

Addition/Expansion

No. of Bdrms: 3

System Type: II

Proprietary Name: Infiltrator IQ4 chambers

Bryson, Joe/ R&D Investments

Ros Kell Bond

# 5501-I

Owner's Name  
*James A Bayer, REHS*  
Authorized State Agent

System Installer and Certification Number

12/29/2020

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 PL-68

Please see "As Built" drawing for system details and location(s)

Conditions/Comments: Clean and replace septic tank effluent filter as needed.

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.

12/29/20  
"As Built"  
JB

Knob Rd.

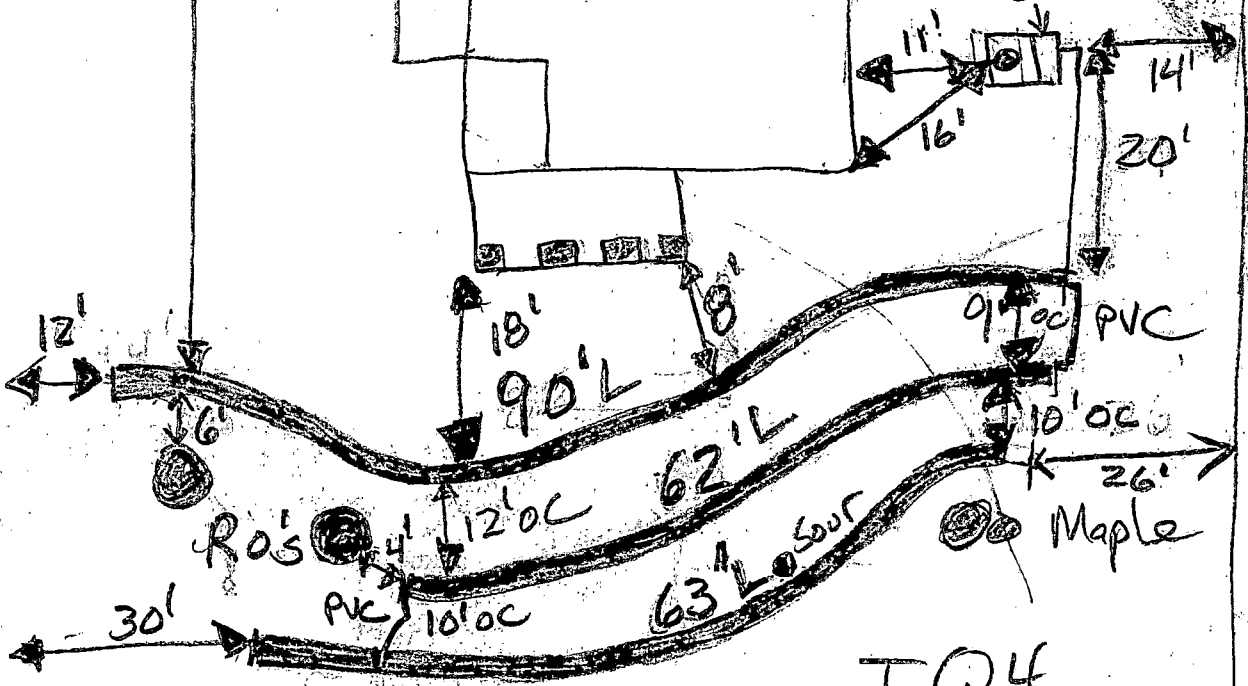
SFR well

Drive

3 BR  
(under construct)

Infiltrator  
IM-1060  
STB 2071  
ST PL 68

79'



P/L

Repair to 10'  
off of P/L

IQ4

TRANSYLVANIA COUNTY HEALTH DEPARTMENT IMPROVEMENT PERMIT DIAGRAM

File Name: Timber Ridge

Permit No.

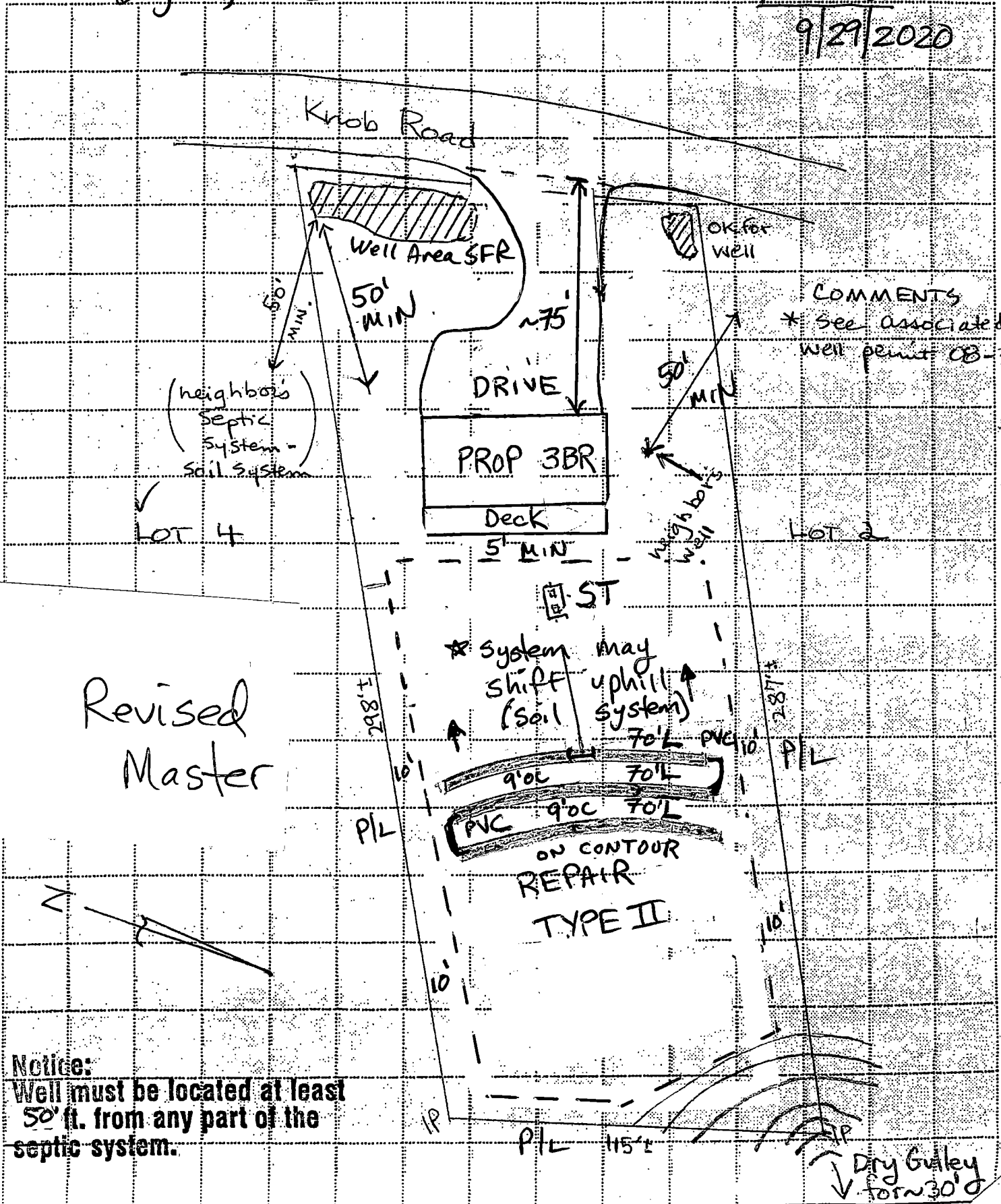
Pin No.: 8595-65-7879-000

**LOT 3**  
Bryson, Joe

↳ **20-205**

★ **Revised**

**9/29/2020**



**COMMENTS**  
\* See associated well permit CB-31

Revised Master

**Notice:**  
Well must be located at least 50' ft. from any part of the septic system.

SCALE: 1" = 40'

Dry Gulley form 30' d

PIN: 8595-65-7879-000

File Name: Timber Ridge, Lot 3  
TBD Knob Road

Permit No.: 20-205

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: Timber Ridge, Lot 3  
TBD Knob Road



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

Site Improvements required prior to Construction Authorization Issuance:  
N/A. House site has been marked, fee has been paid.

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: 9/11/2025

Permit conditions: Permit is based on # 08-412, issued 12/19/2008

Authorized State Agent: James A Bayer, REHS Date: 9/11/2020 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: Same Facility Type: 3 bedroom residence

Basement?  Yes  No Basement Plumbing Fixtures?  Yes  No  
Type of Wastewater System\*\* Type II 25% reduction (Initial) Wastewater Flow: 360 GPD  
(See note below, if applicable ) Same (Repair) LTAR: 0.45 GPD/ft2

Installation Requirements/Conditions

Septic Tank Size: 1,000 gallons, minimum Total Trench Length: 210 feet Trench Spacing: 9 Feet on Center  
Pump Tank Size: N/A gallons, minimum Trench Width: 3 feet Distribution Method: Serial PVC ONLY

Trenches shall be installed on contour at a maximum trench depth of: 18 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)

Min. distance between system and nearest: Well 100 ft. Water Line 10 ft Foundation 5/15 ft Property Line 10 ft Vertical Cut 15 ft

Permit Conditions: 100' well setback required (saproliite system). Install 210' of 25% reduction system on contour as shown. Contact TCDPH with any questions.

\*\*If applicable:

Since the system type specified is different from the type specified on the application, I accept the specifications of this permit.

Owner/Legal Representative Signature:

Date: 10/1/20

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: 9/11/2020

See Attached Permit Diagram

Construction Authorization Expiration Date: 9/11/2025