

60 Maidenhair Tr.

Smith, Keenan

PIN: 9508-36-6304-000

File Name: Lobdell Woods, Lot 37, PH 4

Permit No.: 15-181

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH

Operation Permit

New Repair Addition/Expansion

No. of Bdrms: 3 System Type: II Proprietary Name: EZ Flow GEO

Smith, Keenan Owner's Name Ronald Harris Hubbard System Installer and # 5023 Certification Number

James A. Bayer, REHS Authorized Site Agent 7/25/2019 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

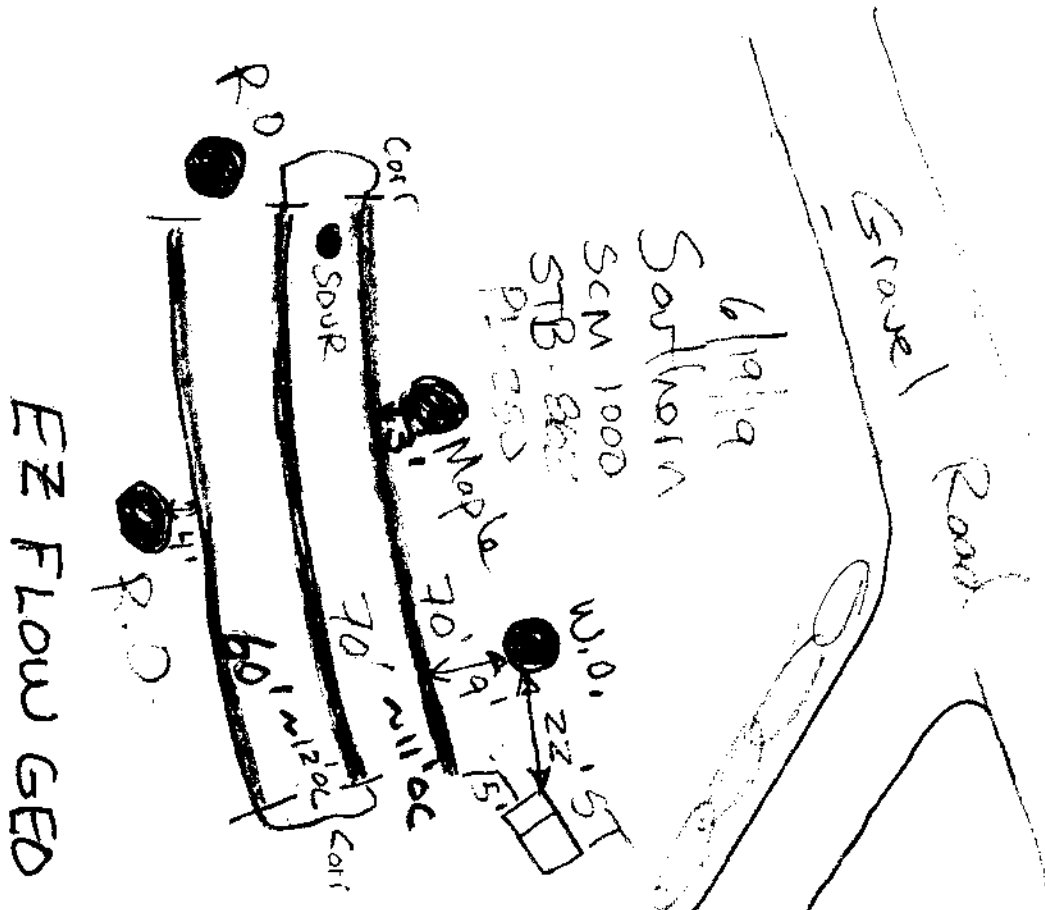
Septic Tank Manufacturer: Southern SCM 1000 STB- 862 Date of Manufacture: 6/19/2019 Filter Brand: Polylok PL-250

See "as built" drawing for system location and measurements.

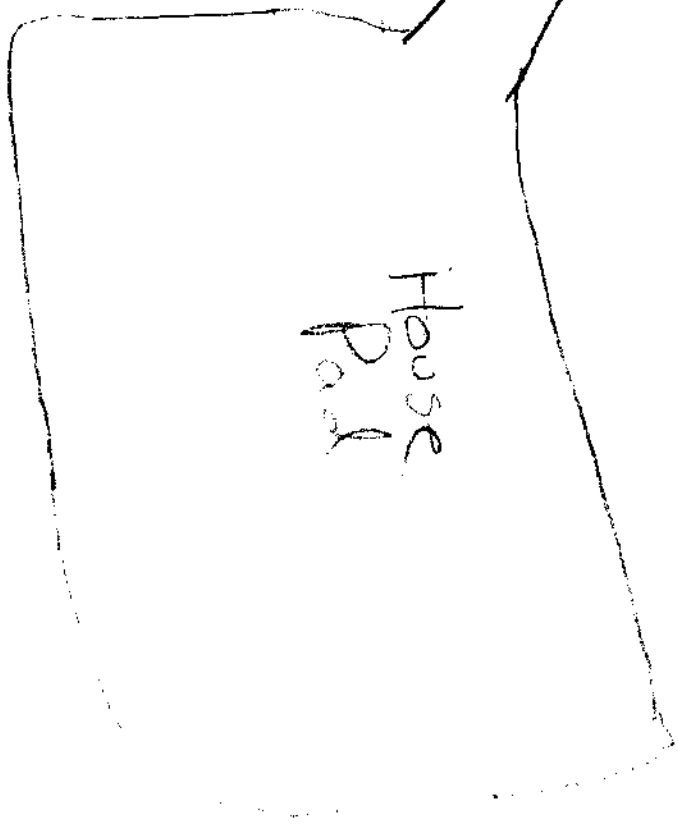
Conditions/Comments: Clean and replace septic tank effluent filter as required.

Subsurface system operator required? No X 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.



EZ FLOW GED



Repair
6/19/19

Smith, Keenan

PIN: 9508-36-6304-000

File Name: ~~Phillips, Tim~~

Permit No.: 15-181

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Phillips, Tim

PROPERTY LOCATION: Lobdell Woods, Phase 4, Lot 37

Fern Cove Lane

New Repair Expansion

Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: 3 BR res.

Proposed Wastewater System Type: II--ezflow or chamber (25% red.)

Projected Daily Flow: 360 GPD

Number of bedrooms: 3 Max. No. of Occupants: 6

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: future well

Improvement Permit Expiration Date: 10-15-20

Permit conditions:

Authorized State Agent: Bruce Hoamy, REHS

Date: 10-15-15

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: Phillips, Tim

Facility Type: 3 BR res.

Basement? Yes No

Basement Plumbing Fixtures? Yes No

Type of Wastewater System** II--ezflow or chamber (25% red.) (Initial)

Wastewater Flow: 360 GPD

(See note below, if applicable)

same (Repair)

LTAR: .45

Installation Requirements/Conditions

Septic Tank Size: 1000 gallons, minimum

Total Trench Length: 200 feet

Trench Spacing: 9 Feet on Center

Pump Tank Size: -- gallons, minimum

Trench Width: 3 feet

Distribution Method: serial only

Trenches shall be installed on contour at a maximum trench depth of: 21 MAX 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 ft. Property Line 10 ft. Vertical Cut 15 ft

Permit Conditions: Any changes in location of house, drive, garage, etc., shall be approved by health dept. prior to grading. It is recommended to put in septic system first to assure gravity flow and to accommodate possible space constraints. Must create a stormwater diversion ditch to prevent erosion over the drainfield (see drawing).

**If applicable:

For a full and complete description of the work to be done, I accept the specifications of this permit.

Owner/Legal Representative Signature:

Date: 10-16-15

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: Bruce Hoamy, REHS

Date of Issuance: 10-15-15

See Attached Permit Diagram

Construction Authorization Expiration Date: 10-15-20

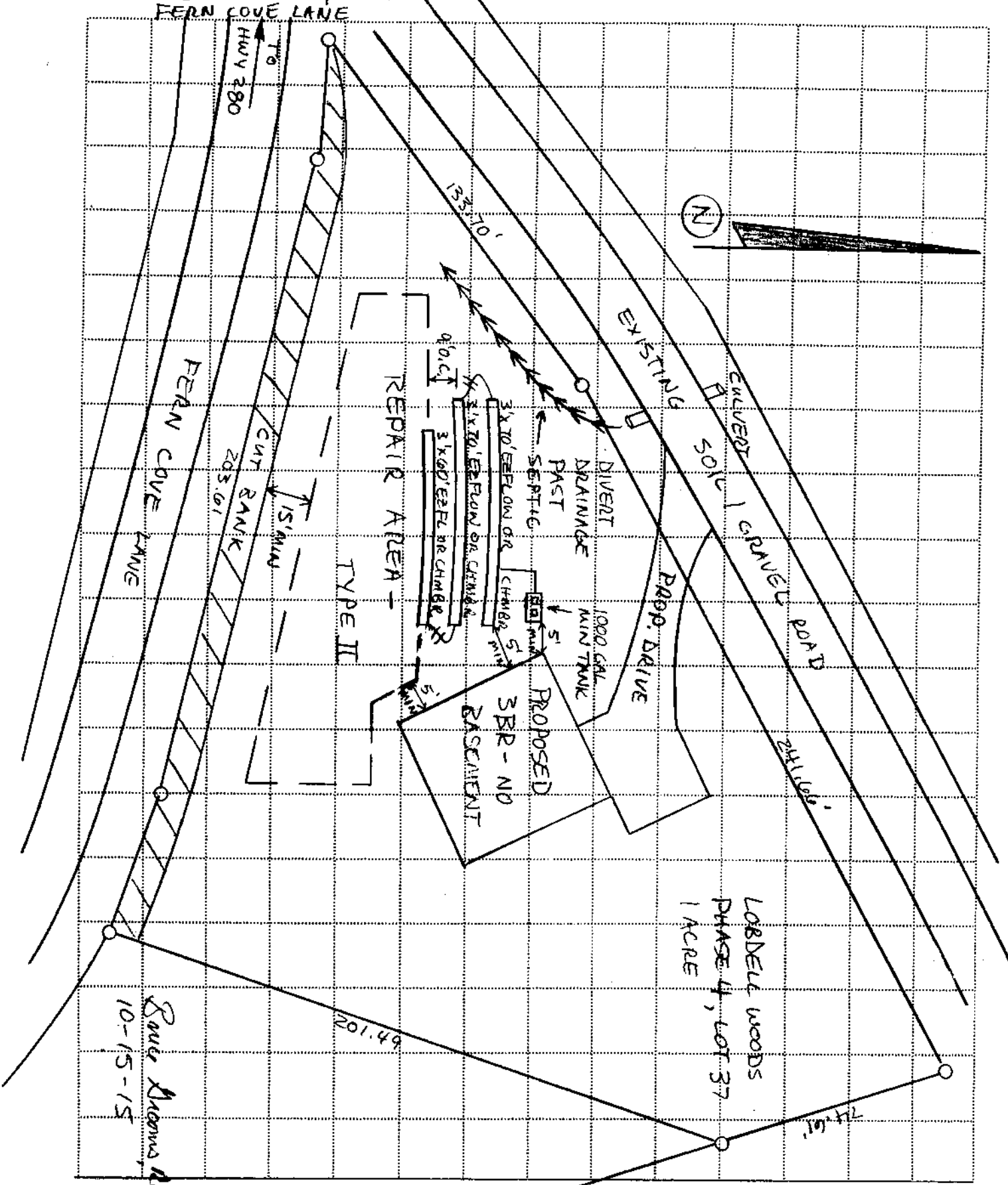
TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH IMPROVEMENT PERMIT DIAGRAM

File Name: PHILLIPS, TIM

Permit No: 15-181

PIN: 9509-36-6304-000

LOBDELL WOODS, LOT 37
FERN COVE LANE



SCALE: 1" = 40' APPROX



TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH
~~WELL PERMIT~~ OR WELL REPAIR PERMIT.
CERTIFICATE OF COMPLETION

~~New Well~~ Repair To Existing Well []

~~WP 19-063~~ 9508-36-6304-000 Smith, Keenan and Michele
Permit No. Parcel I.D. Issued To
Fern Cove Lane Lobdell Woods, Lot 37
Property Street Address Subdivision /Sec/Lot#

Well Grouting Inspection

Casing Type PVC Casing Thickness/Weight SDR-21 Casing Depth 80'
Diameter 6.25" Grout Type Bentonite Grout Depth 20'
Grout Method Pump

Inspected By: Marko Casper, REHS / Janyla Dr REHS Date: 8/7/19

Well Head Inspection

Inches Above Grade 12" Air Vent Threadless Sample Tap
Sanitary Seal (if hose bib) Anti-Siphon Present N/A Well Plate
Pump Plate Well Depth 185' Static Water Level 40' Yield 18 GPM

Contractor McCrary Well
Certification # 31576
Date 9/1/19 Depth 160'
Horsepower 3/4 HP

50
10 GPM
230V

Inspected By: James A Bayer, REHS Date: 1/24/2020

Well Report Received (GW-1a)

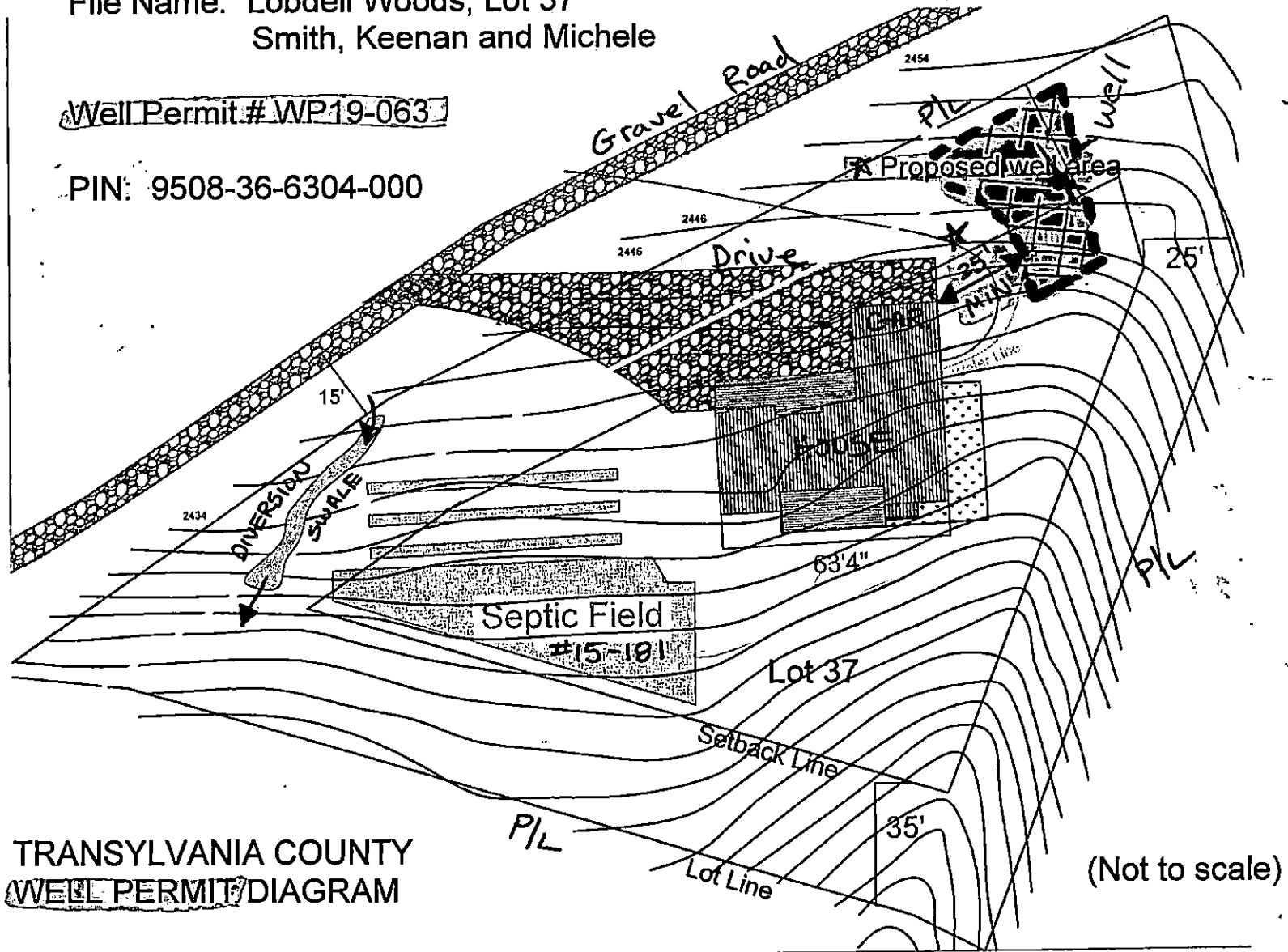
Well Contractor McCrary Well Drilling Certification # 3156a

Issued By James A Bayer, REHS Date 1/24/2020

File Name: Lobdell Woods, Lot 37
Smith, Keenan and Michele

Well Permit # WP19-063

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TRANSYLVANIA COUNTY
WELL PERMIT DIAGRAM

(Not to scale)