

PIN: 8574-97-4452-000 File Name: Mountain Brook, Lot 36 Permit No.: 20-227

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH

New Repair

Operation Permit

Addition/Expansion

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

Aiken, Phillip

Theron McCall

1808

Owner's Name

System Installer

and

Certification Number

James A Boyer, REHS
Authorized State Agent

3/5/2021

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 1060-IM 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 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.

3BR
(staked)

staked

1060 IM Infiltrator
STB2071
PL68

ST

50L

27'

Edge

~52'

12'oc

80L

9" A
oc

PVC

PVC

10'oc

50L

10'oc

EZ FLOW
GEO

STREAM

~52'

L36

3/5/21

JB

"As Built"

↑
Mtn
Brook
Trail
↓

Drive

Master
OP

PIN: 8574-97-4452-000

File Name: Mountain Brook, Lot 36

Permit No.: 20-227

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Aiken, Phillip

PROPERTY LOCATION: TBD Mountain Brook Trail

New [X] Repair [] Expansion []

Type of Structure: 3 bedroom residence
Proposed Wastewater System Type: II - 25% Reduction
Projected Daily Flow: 360 GPD
Number of bedrooms: 3 Max. No. of Occupants: 6

Site Improvements required prior to Construction Authorization Issuance: N/A - fee has been paid.

Pump Required: [] Yes [] No [X] May be required based upon final location and elevations of facilities
Type of Water Supply: New SFR well Improvement Permit Expiration Date: 10/2/2025

Permit conditions: (Based on Septic Permit #14-202) -- site plan and conditions unchanged.
Property line between Lot 36 and Lot 37 should be clearly marked

Authorized State Agent: James A Bayer, REHS Date: 10/2/2020 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.

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.

ISSUED TO: Same Facility Type: 3 bedroom residence

Basement? [] Yes [X] No Basement Plumbing Fixtures? [] Yes [X] No
Type of Wastewater System** II - 25% Reduction (Initial) Wastewater Flow: 360 GPD
(See note below, if applicable []) Same (Repair) LTAR: 0.5 GPD/ft2

Installation Requirements/Conditions

Septic Tank Size: 1,000 gallons, minimum Total Trench Length: 180 feet Trench Spacing: 9 Feet on Center
Pump Tank Size gallons, minimum Trench Width: 3 feet Distribution Method: Serial PVC ONLY

Trenches shall be installed on contour at a maximum trench depth of: 24" 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 XXX ft. Water Line 10 ft Foundation 5/15 ft Property Line 10 ft Vertical Cut 15 ft

Permit Conditions: Line lengths may vary upon approval from TCDPH - first line should be the longest. Septic should be installed prior to house construction to assure gravity flow and to accommodate possible space constraints. Maintain 50' setback from stream.

**If applicable:

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

Owner/Legal Representative Signature: [Signature] Date: 10/12/20

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.

Authorized State Agent: James A Bayer, REHS Date of Issuance: 10/2/2020

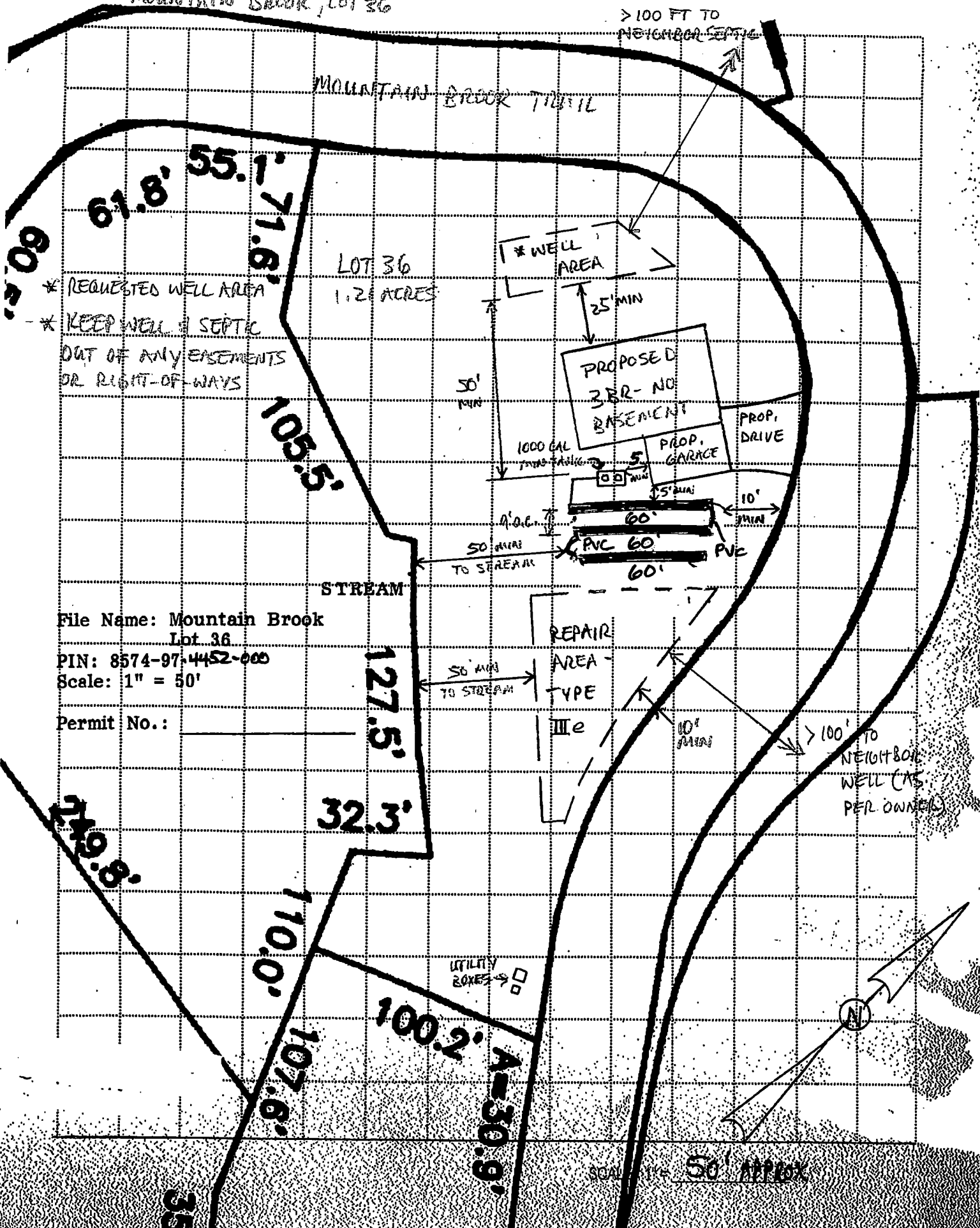
See Attached Permit Diagram

Construction Authorization Expiration Date: 10/2/2025

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH IMPROVEMENT PERMIT DIAGRAM

File Name: AIKEN, PHILIP Permit No.: 20-227 PIN: 8574-97-4452-000

MOUNTAIN BROOK, LOT 36



> 100 FT TO NEIGHBOR SEPTIC

MOUNTAIN BROOK TRAIL

LOT 36
1.2 ACRES

* WELL AREA

PROPOSED
3BR - NO
BASEMENT

PROP.
DRIVE

PROP.
GARAGE

1000 GAL TANK

PVC 60' PVC

STREAM

REPAIR
AREA -
TYPE
IIIe

> 100' TO NEIGHBOR WELL (AS PER OWNER)

File Name: Mountain Brook
Lot 36

PIN: 8574-97-4452-000

Scale: 1" = 50'

Permit No.:

UTILITY BOXES

N

SCALE: 1" = 50' APPROX

* REQUESTED WELL AREA
* KEEP WELL & SEPTIC
OUT OF ANY EASEMENTS
OR RIGHT-OF-WAYS