

PIN: 8592-92-0852-000 File Name: Sherwood Forest 17 Permit No.: 09-147

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH

Operation Permit

System Type: II Proprietary Name: Infiltrator Chamber Quick4

Burden, Charles & Elke Gus Gravley # 2223
Owner's Name System Installer and Certification Number

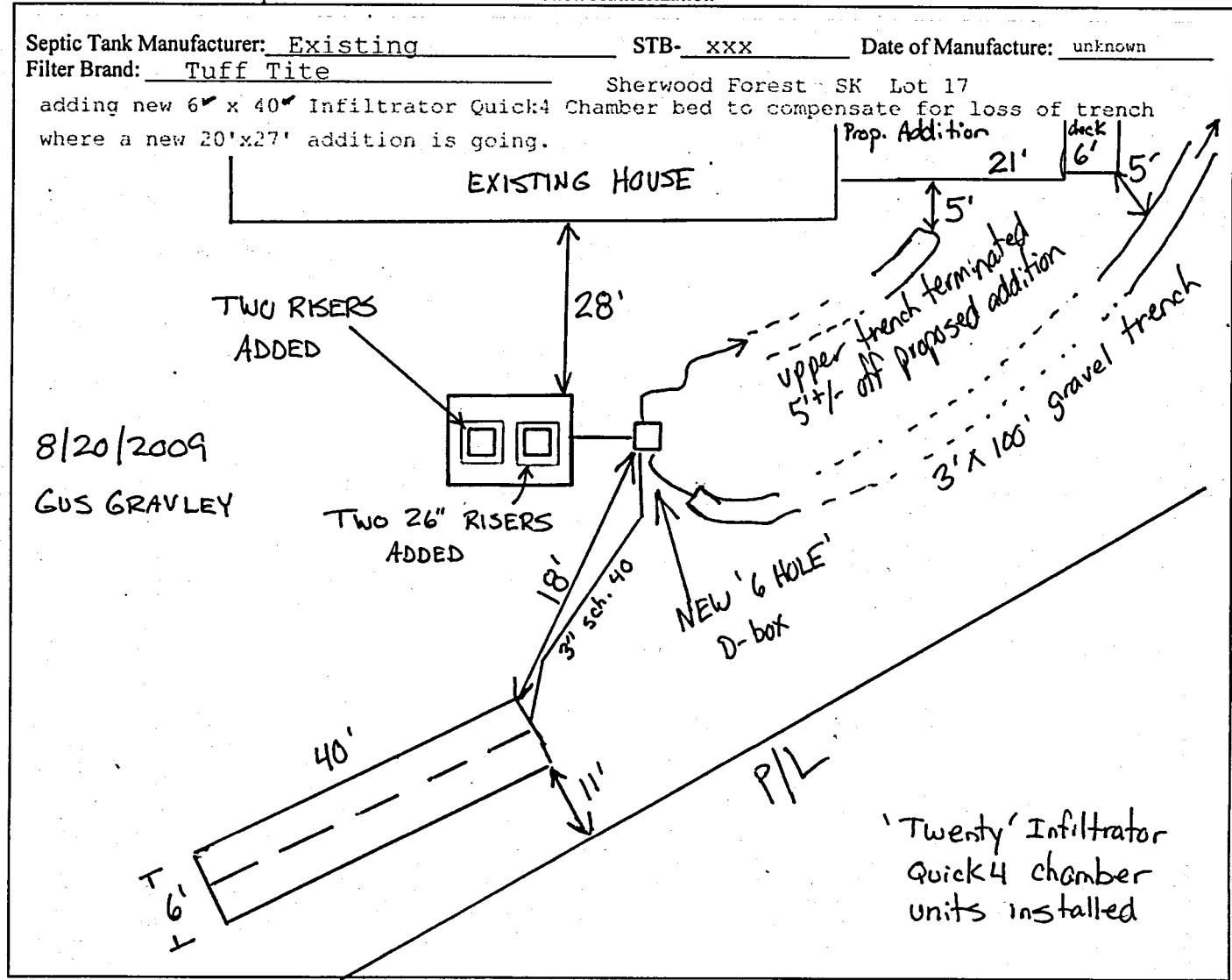
Alla Smith MS, RS
Authorized State Agent

August 20, 2009
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: Existing STB- xxx Date of Manufacture: unknown
Filter Brand: Tuff Tite

Sherwood Forest SK Lot 17
adding new 6' x 40' Infiltrator Quick4 Chamber bed to compensate for loss of trench where a new 20'x27' addition is going.



Conditions/Comments: existing septic tank upgraded with new Tuff Tite (yellow) filter and two 26" risers over each compartment's opening; upper, existing gravel trench terminated 5'+/- off proposed new addition

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.

PIN: 8592-92-0852-000 File Name: Burden, Charles & Elke Permit No.: 09-147

TRANSYLVANIA COUNTY DEPARTMENT OF PUBLIC HEALTH

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Charles Burden PROPERTY LOCATION: Sherwood Forest SK Lot 17

Replacing part of drainfield being blocked off to accommodate new addition setbacks Oriole Lane

New Repair Expansion Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: existing house

Proposed Wastewater System Type: chamber requested

Projected Daily Flow: 360 GPD

Number of bedrooms: 3 Number of Occupants: 6

Basement Yes No

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: public Permit Expires August 19, 2014

Permit conditions: _____

Authorized State Agent: _____ Date: _____ See Attached site sketch

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.

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: Burden, Charles & Elke PROPERTY LOCATION: Sherwood Forest

Facility Type: existing house New Expansion Repair

Basement? Yes No Basement Plumbing Fixtures? Yes No

Type of Wastewater System** chamber system requested (Initial) Wastewater Flow: 360 GPD

(See note below, if applicable) na (Repair) LTAR: na - partial drainfield relocation

Installation Requirements/Conditions

Septic Tank Size: existing gallons Total Trench Length: * feet Trench Spacing: * Feet on Center

Pump Tank Size: na gallons Trenches shall be installed on contour at a Soil Cover: 6 inches

Distribution Method: D-box Maximum Trench Depth of: * inches (Maximum soil cover shall not exceed 36" above the trench bottom)

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

Conditions: pump existing septic tank; install new D-box and add 400 sq. ft. bed as shown on permit drawing (bed configuration may be changed as long as 400+/- sq. ft. is installed); add risers to the septic tank to within 6" of surface; cut existing, upper trench and pack 5' off of proposed addition

**If applicable:

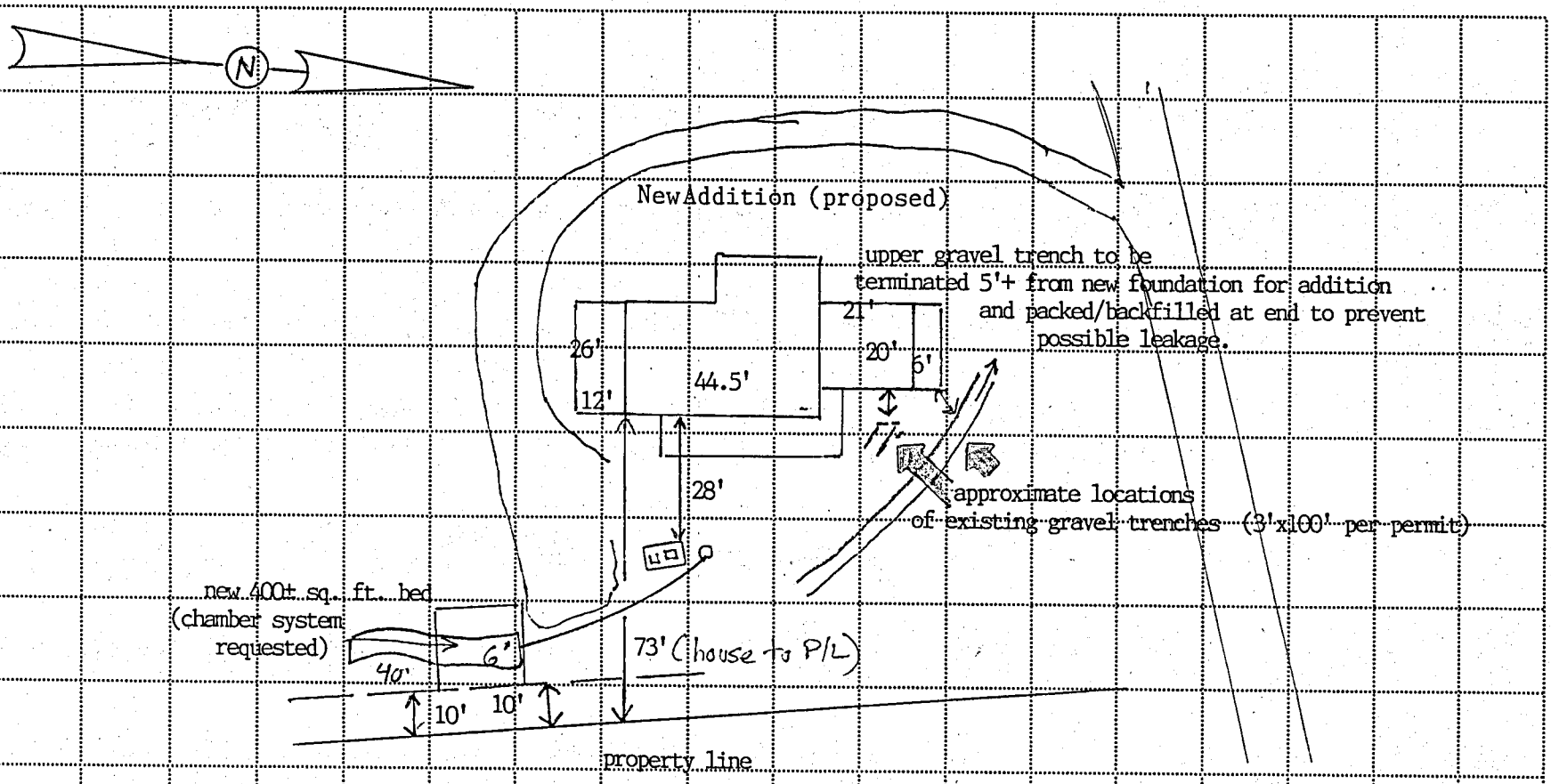
~~I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.~~

Owner/Legal Representative Signature: [Signature] Date: 20 Aug 2009

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, site sketch and any conditions specified therein.

Authorized State Agent: Alla Smith MS, RS Date of Issuance: August 19, 2009 See Attached site sketch

Construction Authorization Expiration Date: August 19, 2014 trench/bed depth depends on elevation(s) of existing septic system components but should be kept as shallow as possible while still maintaining fall.



Comments: pump existing septic tank; install new D-box and piping (sch. 40); install two risers over septic tank openings; cut upper, existing gravel trench at least five (5) feet from the proposed addition foundation and pack end of trench to prevent any possibility of leakage; install a 400± square foot bed in area shown on drawing to compensate for trench area being lost in first, upper trench; configuration of bed should be as needed to compensate for topography as long as 400± sq. ft. is installed (chamber requested); trench/bed depth depends on elevations of existing septic system components but should be kept as shallow as possible while still maintaining gravity fall.

SCALE: 1" = 40'