

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: 4071 Barbecue Church Rd

ISSUED TO: Weaver Homes

SUBDIVISION _____

LOT # 2

NEW REPAIR EXPANSION 6/11/5/23
 Type of Structure: SFD(34'x48') (30'x48')

Site Improvements required prior to Construction Authorization Issuance: _____

Proposed Wastewater System Type: Pump to Chamber

Projected Daily Flow: 360 GPD

Number of bedrooms: 3 Number of Occupants: 6 max

Basement Yes No

Pump Required: Yes No May be required based on final location and elevations of facilities

Type of Water Supply: Community Public Well Distance from well _____ feet

Permit valid for: Five years
 No expiration

Permit conditions: _____

Authorized State Agent: [Signature]

Date: 9/21/23

SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department 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 site 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 references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: Weaver Homes

PROPERTY LOCATION: 4071 Barbecue Church Rd

SUBDIVISION _____

LOT # 2

Utility Type: SFD(34'x48') 30'x48' 6/11/5/23 New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** Pump to Chamber (Initial) Wastewater Flow: 360 GPD

(See note below, if applicable)

Pump to Chamber (Repair)

Installation Requirements/Conditions

Septic Tank Size _____ gallons

Number of trenches _____

Pump Tank Size _____ gallons

Exact length of each trench _____ feet

Trench Spacing: _____ Feet on Center

Trenches shall be installed on contour at a

Soil Cover: _____ inches

Maximum Trench Depth of: _____ inches

(Maximum soil cover shall not exceed

(Trench bottoms shall be level to +/-1/4"

36" above the trench bottom)

in all directions)

Pump Requirements: _____ ft. TDH vs. _____ GPM

Aggregate Depth: _____ inches below pipe

Aggregate Depth: _____ inches above pipe

Conditions: See attached design for all system specifications

Aggregate Depth: _____ inches total

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

****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: _____ 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.

SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature]

Date: 9/21/23

Construction Authorization Expiration Date: 9/21/28

Soil Investigation and Septic System Design
 4071 Barbecue Church Road; PIN 9578-18-2948.000
 Lot #2 Lyon Builders Inc Map#2022-545
 14 July 2023

Figure 2. Septic System Layout

SEPTIC SYSTEM DESIGN

Design Wastewater Flow 360 gpd
 Septic Tank Size (minimum) 1000 gallons
 Pump Tank Size (minimum) 1000 gallons

Initial System *See Detailed Design Parameters

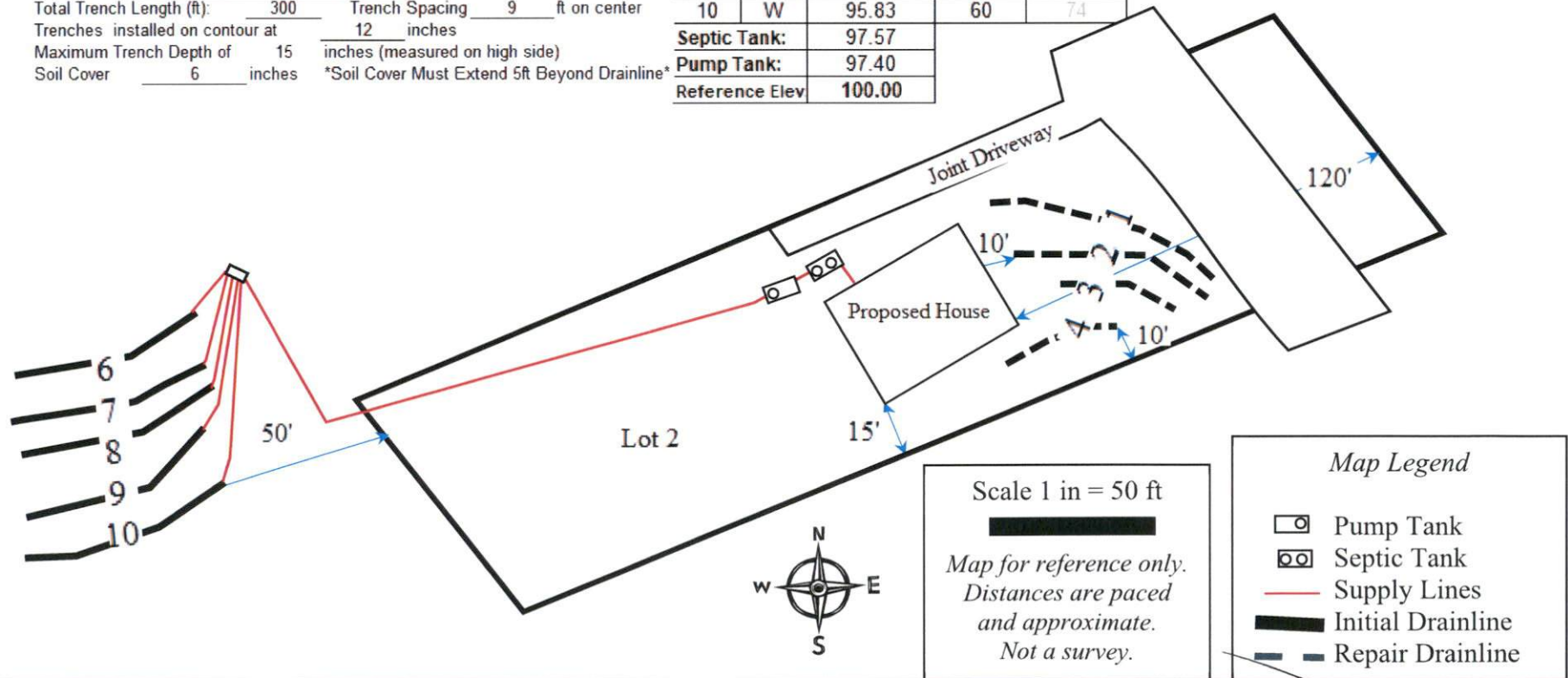
System Type: Type IIIbg Design LTAR 0.30 gal/day/ft²
 Trenches: Quick4 standard chamber (25% reduction)
 Total Trench Length (ft): 300 Trench Spacing 9 ft on center
 Trenches installed on contour at 12 inches
 Maximum Trench Depth of 15 inches (measured on high side)
 Soil Cover 6 inches *Soil Cover Must Extend 5ft Beyond Drainline*


Repair System

System Type: Type IIIbg Design LTAR 0.45 gal/day/ft²
 Trenches: Quick4 standard chamber (25% reduction)
 Total Trench Length (ft): 200 Trench Spacing 9 ft on center
 Trenches installed on contour at 15 inches
 Maximum Trench Depth of 15 inches (measured on high side)
 Soil Cover 6 inches (max cover shall not exceed 12 in.)

Potential Drainlines flagged at site on 9-ft centers.

Line #	Color	Relative Elevation (ft)	Drainline Length(ft)	Field Length(ft)
6	W	98.12	60	74
7	R	97.58	60	62
8	Y	97.15	60	62
9	B	96.46	60	71
10	W	95.83	60	74
Septic Tank:		97.57		
Pump Tank:		97.40		
Reference Elev		100.00		




 OLIVER TOLSON
 9/21/23