

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: KB Home Raleigh PROPERTY LOCATION: 38 Thomas Gage
 SUBDIVISION Birchwood Grove LOT # 90

NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: SFD (56'x43')

Proposed Wastewater System Type: 25% Reduction System

Projected Daily Flow: 480 GPD

Number of bedrooms: 4 Number of Occupants: 8 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: ~~REAS~~ Date: 11/18/22 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: KB Home Raleigh PROPERTY LOCATION: 38 Thomas Gage
 SUBDIVISION Birchwood Grove LOT # 90

Facility Type: SFD (56'x43') New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 480 GPD

(See note below, if applicable)

25% Reduction System (Repair)

<p><u>Installation Requirements/Conditions</u></p> <p>Septic Tank Size <u>1000</u> gallons</p> <p>Pump Tank Size _____ gallons</p>	<p>Number of trenches <u>1</u></p> <p>Exact length of each trench <u>355</u> feet</p> <p>Trenches shall be installed on contour at a Maximum Trench Depth of: <u>18</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)</p>	<p>Trench Spacing: <u>9</u> Feet on Center</p> <p>Soil Cover: <u>6</u> inches (Maximum soil cover shall not exceed 36" above the trench bottom)</p>
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Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe

Aggregate Depth: _____ inches above pipe

Conditions: Permit based on proposal from applicants LSS _____ 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.*

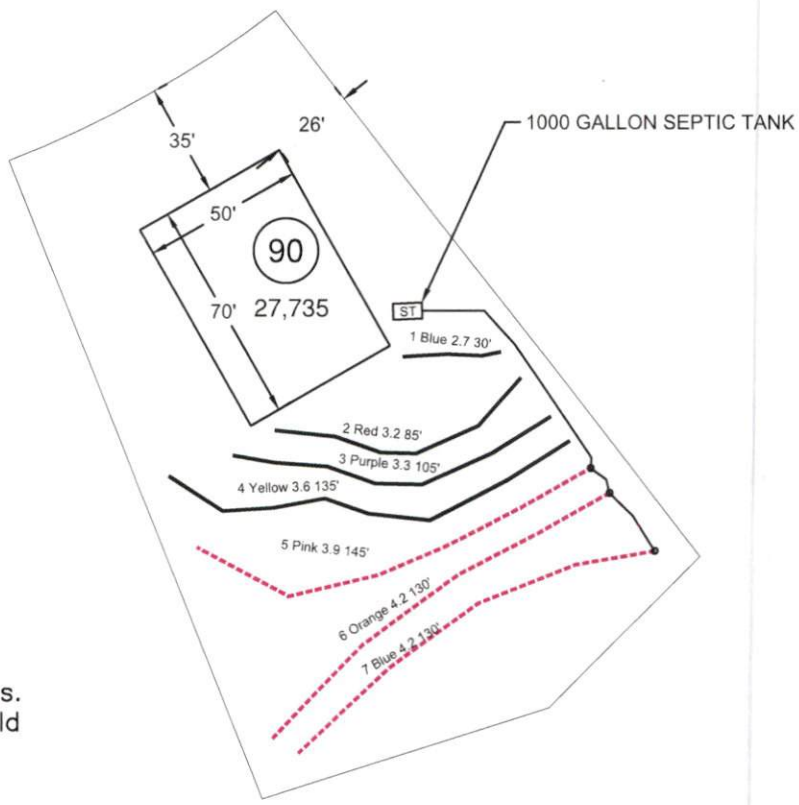
Owner/Legal Representative Signature: _____ Date: _____



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: ~~REAS~~ Date: 11/18/22
 Construction Authorization Expiration Date: 11/18/27

SITE SKETCH

REV 11/18/22

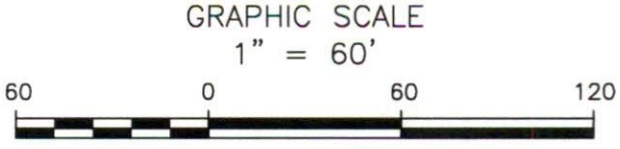


System: 
 Repair: 

- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.

System: Gravity to Serial Dist.
 Lines: 5-7, (400')
 Accepted Status System
 18" Trench Bottom
 0.35 Soil LTAR

Repair: Gravity to Serial Dist.
 Lines: 1-4, (355')
 Accepted Status System
 18" Trench Bottom
 0.35 Soil LTAR



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4-Bedroom Septic Layout
 Lot 90, Birchwood Subdivision
 Harnett County, North Carolina

Job# : 3753
Drawn By : LW
Date : 7/20/2022
Revision: