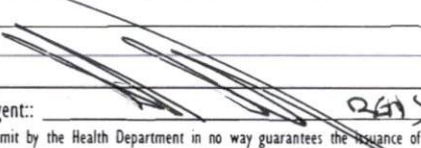


# Harnett County Department of Public Health

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: KB Home Raleigh PROPERTY LOCATION: 234 Robert Howe  
 SUBDIVISION Birchwood Grove LOT # 55  
 NEW  REPAIR  EXPANSION  Site Improvements required prior to Construction Authorization Issuance:  
 Type of Structure: SFD (36'x38')  
 Proposed Wastewater System Type: Accepted  
 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:  Date: 12/19/23 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: KB Home Raleigh PROPERTY LOCATION: 234 Robert Howe  
 SUBDIVISION Birchwood Grove LOT # 55  
 Facility Type: SFD (36'x38')  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* Accepted (Initial) Wastewater Flow: 480 GPD  
 (See note below, if applicable ) T&J Panel (Repair)

**Installation Requirements/Conditions**  
 Septic Tank Size 1000 gallons Exact length of each trench 1 feet Trench Spacing: 9 Feet on Center  
 Pump Tank Size \_\_\_\_\_ gallons Trenches shall be installed on contour at a Soil Cover: 12 inches  
 Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed 36" above the trench bottom)  
 (Trench bottoms shall be level to +/-1/4" in all directions)  
 Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM \_\_\_\_\_ inches below pipe  
 Aggregate Depth: \_\_\_\_\_ inches above pipe  
 \_\_\_\_\_ inches total  
 Conditions: \_\_\_\_\_

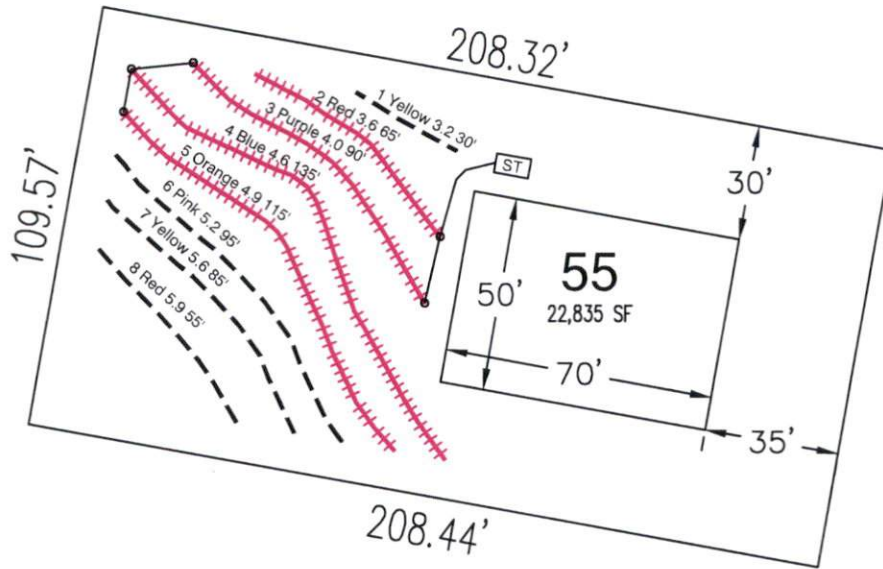
**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.  
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**\*\*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:  Date: 12/19/23  
 Construction Authorization Expiration Date: 12/19/28



- \*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.

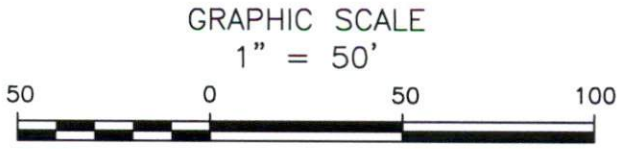
APPROVED SITE SKETCH  
 REHS  
 12/19/23



System: Gravity to Serial Dist.  
 Lines: 2-5, (405')  
 Accepted Status System  
 0.325 Soil LTAR  
 24" Trench Bottom

Repair: Pressure Manifold  
 Lines: 1,6-8, (265')  
 T&J Panel 50% Reduction  
 0.325 Soil LTAR  
 24" Trench Bottom

System: ++++++  
 Repair: - - - -



Central Carolina Soil Consulting, PLLC  
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4-Bedroom Septic Layout  
 Lot 55, Birchwood Subdivision  
 Harnette County, North Carolina

Job# : 3753
Drawn By : LW
Date : 04/19/2023
Revision: