


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: 85 Thomas Gage Dr
 SUBDIVISION Birchwood Grove LOT # 183
 NEW REPAIR EXPANSION
 Type of Structure: SFD (38'x42') Site Improvements required prior to Construction Authorization Issuance:
 Proposed Wastewater System Type: 25% Red Sys
 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: 10/6/22 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: 85 Thomas Gage Dr
 SUBDIVISION Birchwood Grove LOT # 183
 Facility Type: SFD (38'x42') 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) T&J Panel (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>1</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>345</u> feet	Soil Cover: <u>6</u> inches
	Trenches shall be installed on contour at a	(Maximum soil cover shall not exceed
	Maximum Trench Depth of: <u>18</u> inches	<u>36"</u> above the trench bottom)
	(Trench bottoms shall be level to +/-1/4"	
	in all directions)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: _____ inches below pipe
		_____ inches above pipe
		_____ inches total


Conditions: Permit based on applicant's proposal.

**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: 10/6/22
 Construction Authorization Expiration Date: 10/6/27

Application # SFD2207-0066

Harnett County Department of Public Health Site Sketch

Property Location: 85 Thomas Gage Dr

Issued To: KB Home Raleigh

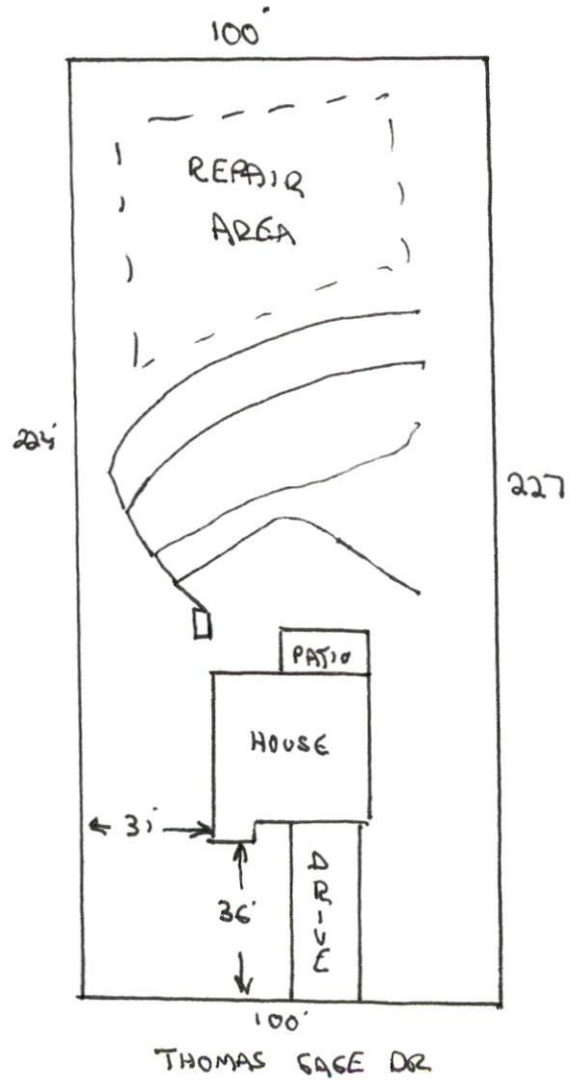
Subdivision Birchwood Grove

Lot # 183

Authorized State Agent: _____

REAS (OLIVER TOLKSDORF)

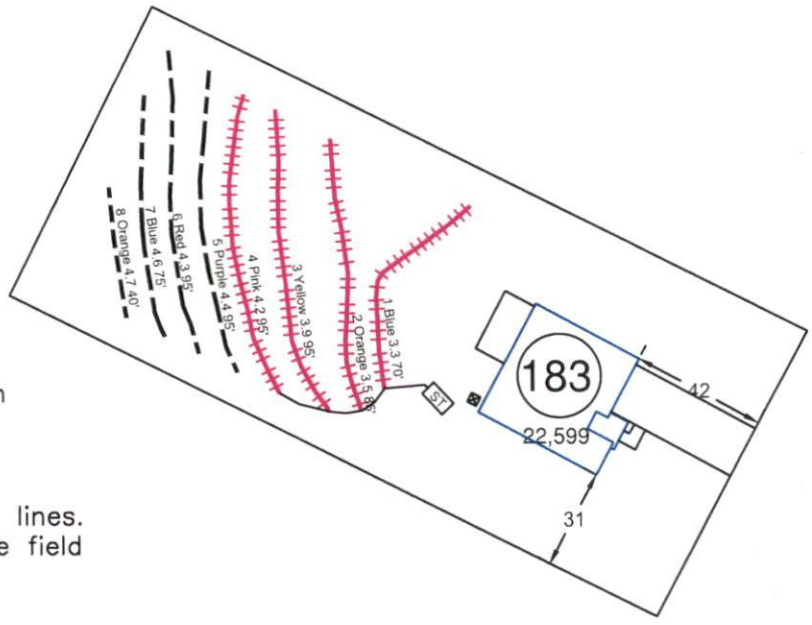
Date: 10/6/22



This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.



System: 
 Repair: 

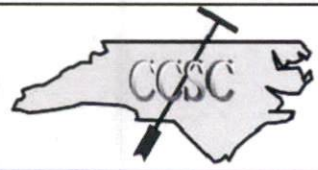


- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.

System: Gravity to Serial Dist.
 Lines: 1-4, (345')
 Accepted Status System
 0.35 Soil LTAR

Repair: Pressure Manifold
 Lines: 5-8, (305')
 T&J Panel 50% Reduction
 0.35 Soil LTAR

GRAPHIC SCALE
 1" = 60'



Central Carolina Soil Consulting, PLLC
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 Wake Forest, North Carolina 27587
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4-Bedroom Septic Layout
 Lot 183, Birchwood Subdivision
 Harnett County, North Carolina

Job# : 3753
Drawn By : LW
Date : 8/27/2022
Revision: