App# SFD2312-0097

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: 173 Robert Howe

ISSUED TO: KB Home Raleigh   SUBDIVISION Birchwood Grove   LOT # 157

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

Type of Structure: SFD (42'x50')

Proposed Wastewater System Type: Accepted

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:: _____ RGH S   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: 173 Robert Howe

SUBDIVISION Birchwood Grove   LOT # 157

Facility Type: SFD (42'x50')   ☒ New   ☐ Expansion   ☐ Repair

Basement? ☐ Yes   ☒ No   Basement Fixtures? ☐ Yes   ☐ No

Type of Wastewater System** Accepted   (Initial) Wastewater Flow: ~~360~~   GPD

(See note below, if applicable ☐)
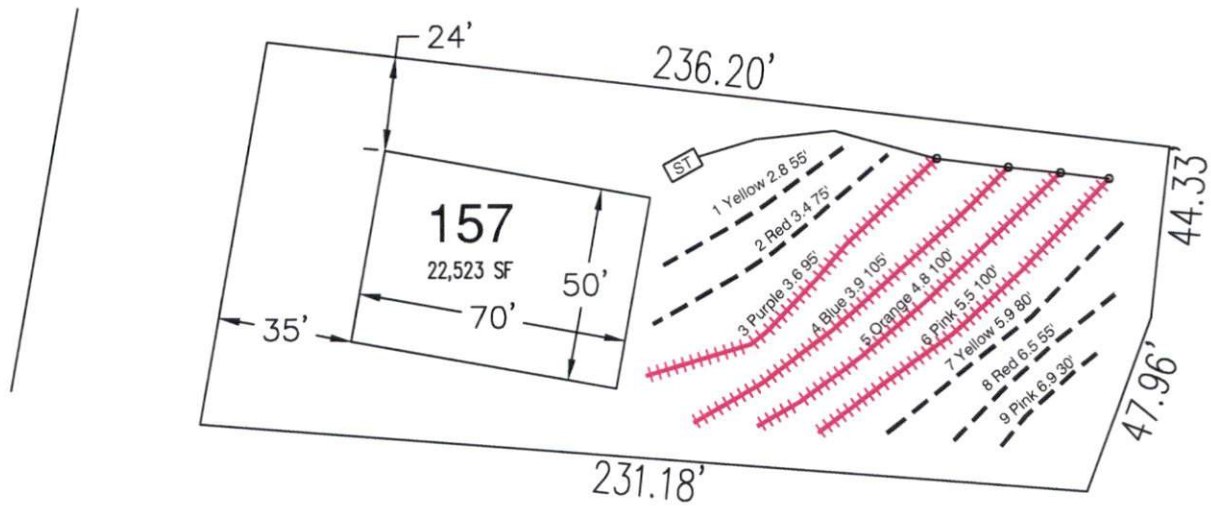
Pump to T&J Panel   (Repair)

Installation Requirements/Conditions   Number of trenches 1

Septic Tank Size 1000 gallons   Exact length of each trench 400 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

(Trench bottoms shall be level to +/-1/4"   36" above the trench bottom)

in all directions)

Pump Requirements: _____ ft. TDH vs. _____ GPM   _____ inches below pipe

Aggregate Depth: _____ inches above pipe

Conditions: _____   _____ 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: _____ RGH)   Date: 12/19/23

Construction Authorization Expiration Date: 12/19/28

24'
236.20'
44.33'
47.96'

157
22,523 SF
50'
35'
70'
231.18'

ST
1 Yellow 2.8 55'
2 Red 3.4 75'
3 Purple 3.6 95'
4 Blue 3.9 105'
5 Orange 4.8 100'
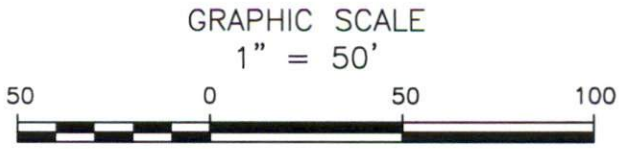6 Pink 5.5 100'
7 Yellow 5.9 80'
8 Red 6.5 55'
9 Pink 6.9 30'

*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

RGHS

12/19/23

System:	┼┼┼┼┼┼┼┼
Repair:	- - - -

GRAPHIC SCALE
1" = 50'

50   0   50   100

System: Gravity to Serial Dist.
Lines: 3-6, (400')
Accepted Status System
0.35 Soil LTAR
24" Trench Bottom

Repair: Pressure Manifold
Lines: 1,2,7-9, (295')
T&J Panel 50% Reduction
0.35 Soil LTAR
24" Trench Bottom

CCSC

Central Carolina Soil Consulting, PLLC
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4-Bedroom Septic Layout
Lot 157, Birchwood Subdivision
Harnette County, North Carolina

Job# : 3753
Drawn By : LW
Date : 04/06/2023
Revision: