

Harnett County Environmental Health

File/Permit Number: SFD2503-0033

IMPROVEMENT PERMIT

County: Harnett

PIN/Lot Identifier: 0642-96-3456.000

Owner: KB Home Raleigh

Applicant: _____

Property Location: 71 Robert Howe Dr

Subdivision (if applicable) Birchwood Grove Lot #: 147 Block: _____ Section: _____

New ☒

Expansion ☐

System Relocation ☐

Change of Use ☐

Facility Type: SFD (51'x50')

Number of bedrooms: 3 Number of Occupants: 6 Other: _____

Design Wastewater Strength: ☒ Domestic

☐ High Strength

☐ Industrial Process Wastewater

Proposed Design Daily Flow: 360 GPD

Proposed LTAR (Initial): 035

Proposed LTAR (Repair): 04

Proposed Wastewater System Type*: Accepted System (Initial) Pump Required: ☐ Yes ☐ No ☒ May be required

Proposed Wastewater System Type*: T&J Panel (Repair) Pump Required: ☐ Yes ☐ No ☒ May be required

**Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW

Saprolite System (Initial): ☐ Yes ☒ No

Saprolite System (Repair): ☐ Yes ☒ No

Fill System (Initial): ☐ Yes ☒ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Fill System (Repair): ☐ Yes ☒ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Usable Depth to LC (Initial)*: 34 Usable Depth to LC (Repair)*: 34 * Limiting Condition

Max. Trench Depth (Initial)*: 20 Max. Trench Depth (Repair)*: 20 * Measured on the downhill side of the trench

Artificial Drainage Required: ☐ Yes ☒ No If yes, please specify details: _____

Type of Water Supply: ☐ Private well ☐ Public well ☐ Shared well ☒ Municipal Supply ☐ Spring ☐ Other: _____

Drainfield location meets requirements of Rule .0508: Yes ☒ No ☐ Drainfield location meets requirements of Rule .0601: Yes ☒ No ☐

Permit valid for: ☒ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

Authorized Agent's Printed Name: Oliver Talksdorf

Expiration Date: 3/24/30

Authorized Agent's Signature: [Signature]

Date: 3/24/25

See attached site sketch

The issuance of this permit 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 permit 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 15A NCAC 18E and to the conditions of this permit.

Harnett County Environmental Health

File/Permit Number: SFD2503-0033

CONSTRUCTION AUTHORIZATION

County: Harnett PIN/Lot Identifier: 0642-96-3456.000
Owner: KB Home Raleigh Applicant: _____
Property Location: 71 Robert Howe Dr
Facility Type: SFD (51'x50')
Number of bedrooms: 3 Number of Occupants: 6 Other: _____
☒ New ☐ Expansion ☐ Repair ☐ System Relocation ☐ Change of Use
Basement? ☐ Yes ☒ No Basement Fixtures? ☐ Yes ☐ No
Crawl Space? ☐ Yes ☒ No Slab Foundation? ☒ Yes ☐ No
Type of Wastewater System* Accepted (Initial) T&J Panel (Repair)

**Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

Design Daily Flow: 360 GPD Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process Wastewater
Rule .0403(e) Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies (S.L. 2013-413 and 2014-120)? ☐ Yes ☒ No
(if yes, please provide engineering documentation)

Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW

Type of Water Supply: ☐ Private well ☐ Public well ☐ Shared well ☒ Municipal Supply ☐ Spring ☐ Other: _____

Installation Requirements/Conditions

Septic Tank Size: 1000 gallons Total Trench/Bed Length: 310 feet Trench/Bed Spacing: 9 feet on center
Trench/Bed Width: 36 inches LTAR: .35 gpd/ft² Usable Depth to LC (Initial)*: 34 **Limiting condition*
Soil Cover: 8 inches Slope Corrected Maximum Trench/Bed Depth†: 20 inches ** Measured on the downhill side of the trench*
Pump Tank Size (if applicable): _____ gallons Requires more than one pump? ☐ Yes ☐ No
Pump Requirements: _____ ft. TDH vs. _____ GPM Grease Trap Size (if applicable): _____ gallons
Distribution Method: ☒ Serial ☐ D-Box or Parallel ☐ Pressure Manifold(s) ☐ LPP ☐ Other: _____
Artificial Drainage Required: Yes ☐ No ☒ If yes, please specify details: _____

Legal Agreements (If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)

Multi-party Agreement Required [Rule .0204(g)]: ☐ Yes ☒ No

Easement, Right-of-Way, or Encroachment Agreement Required [Rule .0204(d)]: ☐ Yes ☒ No

Declaration of Restrictive Covenants: ☐ Yes ☒ No Pre-Construction Conference Required: Yes ☐ No ☐

Management Entity Required: ☐ Yes ☒ No Minimum O&M Requirements: _____

Conditions: _____

The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. ***This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes.*** The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.

Authorized Agent's Printed Name: Oliver Toksdorf

Expiration Date: 3/24/30

Authorized Agent's Signature: _____

Date: 3/24/25

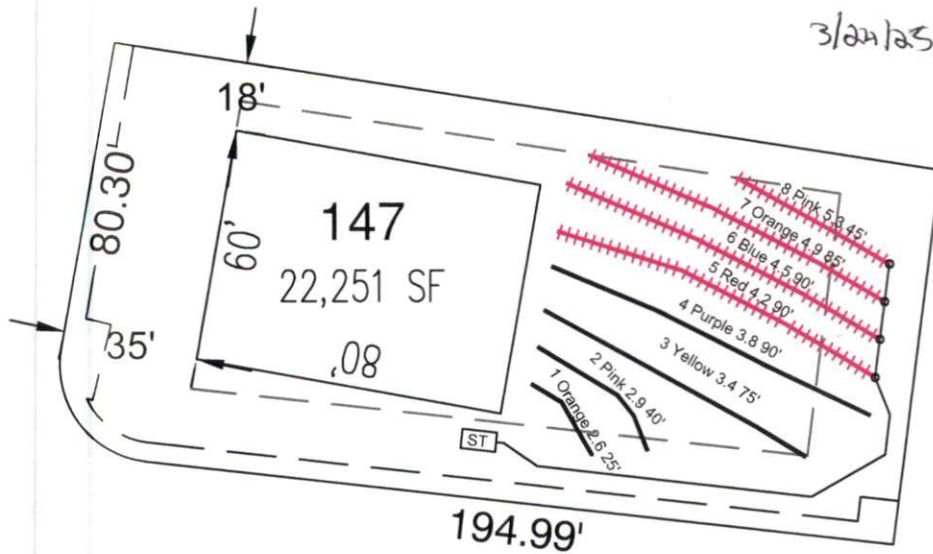
See attached site sketch

SITE SKETCH

SFD2503-0033

R615

3/24/25



System: ++++++
Repair: ————

System: Gravity to Serial Dist.
Lines: 5-8, (310')
Accepted Status System
0.35 Soil LTAR
20" Trench Bottom

Repair: Pressure Manifold
Lines: 1-4, (230')
T&J Panel 50% Reduction
0.4 Soil LTAR
20" Trench Bottom

- *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.

GRAPHIC SCALE
1" = 50'



Central Carolina Soil Consulting, PLLC
1900 South Main Street, Suite 110
Wake Forest, North Carolina 27587
Phone (919)569-6704 Fax (919)569-6703

3-Bedroom Septic Layout
Lot 147, Birchwood Grove Subdivision
Harnett County, North Carolina

Job# : 3753
Drawn By : LW
Date : 02/21/2024
Revision: