



NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK BENTON • Deputy Secretary for Health
SUSAN KANSAGRA • Assistant Secretary for Public Health
Division of Public Health

Submittal Includes: [x] (a2) Improvement Permit [x] (a2) Construction Authorization [] Fee \$ _____

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)

County: Harnett

PIN/Lot Identifier: 0528-57-7133

Issued To: DR Horton

Property Location: 129 Hawksmoore Ln - Lillington, NC

Subdivision (if applicable) McKay Place Lot #: 40 Block: _____ Section: _____

LSS Report Provided: Yes [x] No []

If yes, name and license number of LSS: Alex Adams - LSS#1247

New [x] Expansion [] System Relocation [] Change of Use []

Proposed Structure: SFH

Number of bedrooms: 4 Number of Occupants: 8 Other: _____

Design Wastewater Strength: [x] domestic [] high strength [] industrial process

Proposed Design Daily Flow: 480 GPD Proposed LTAR (Initial): 0.35 Proposed LTAR (Repair): 0.35

Proposed Wastewater System Type*: Type III (g) (Initial) Pump Required: [x] Yes [x] No [] May be required

Proposed Wastewater System Type*: Type III (g) (Repair) Pump Required: [x] Yes [x] No [] May be required

*Please include system classification for proposed wastewater system types in accordance with 15A NCAC 18A .1961 Table V(a)

Saprolite System (initial): [] Yes [x] No Saprolite System (repair): [] Yes [x] No

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

Usable Soil Depth (Initial): 34 Usable Soil Depth (Repair): 34

Max. Trench Depth (Initial)*: 18 Max. Trench Depth (Repair)*: 18 *Measured on the downhill side of the trench

Artificial Drainage Required: [] Yes [x] No If yes, please specify details: _____

Type of Water Supply: [] Private well [] Public well [] Shared well [x] Municipal Supply [] Spring [] Other: _____

Drainfield location meets requirements of Rule .1945: Yes [x] No [] Drainfield location meets requirements of Rule .1950: Yes [x] No []

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

Permit conditions:

Protect drainfield during construction.

[x] At time of installation a pump was required to dose septic field. - AA 4-24-24

Licensed Soil Scientist Print Name: Alex Adams

Licensed Soil Scientist Signature: Alex Adams Date: 7-25-23

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH

LOCATION: 5605 Six Forks Road, Building 3, Raleigh, NC 27609
MAILING ADDRESS: 1632 Mail Service Center, Raleigh, NC 27699-1632
www.ncdhs.gov • TEL: 919-707-5854 • FAX: 919-845-3972

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

CONSTRUCTION AUTHORIZATION FOR G.S. 130A-335(a2)

County: Harnett

PIN/Lot Identifier: 0528-57-7133

Issued To: DR Horton

Property Location: 129 Hawksmoore Ln - Lillington, NC

AOWE/PE Plans/Evaluations Provided: Yes No If yes, name and license number of AOWE/PE: Alex Adams - AOWE#10021E

Facility Type: SFH

New Expansion Repair System Relocation Change of Use

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System* Type III (g) (Initial) Type III (g) (Repair)

**Please include system classification for proposed wastewater system types in accordance with 15A NCAC 18A .1961 Table V(a)*

Design Daily Flow: 480 GPD Wastewater Strength: domestic high strength industrial process

Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies? Yes No
(if yes, please provide engineering documentation)

Installation Requirements/Conditions

Septic Tank Size: 1000 gallons Total Trench/Bed Length: 340 feet Trench/Bed Spacing: 9 feet on center

Trench/Bed Width: 36 inches LTAR: 0.375 gpd/ft²

Soil Cover: 6-8 inches Slope Corrected Maximum Trench/Bed Depth[†]: 12 inches ** Measured on the downhill side of the trench*

Aggregate Depth: 6 inches above pipe 6 inches below pipe 12 inches total

Pump Tank Size (if applicable): N/A/0000 gallons Requires more than 1 pump? Yes No

Pump Requirements: 10 ft. TDH vs. 20 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 [.1937(h)]: Yes No

Easement, Right-of-Way, or Encroachment Agreement Required [.1938(j)]: Yes No

Declaration of Restrictive Covenants: Yes No

Pre-Construction Conference Required: Yes No

Conditions: Protect drainfield from traffic and soil disturbance during construction.

① At time of installation a pump was required to dose septic field. - AA 4-24-24

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

AOWE/PE Print Name: Alex Adams

Expiration Date: 12-31-23

AOWE/PE Signature: Alex Adams

Date: 7-27-23

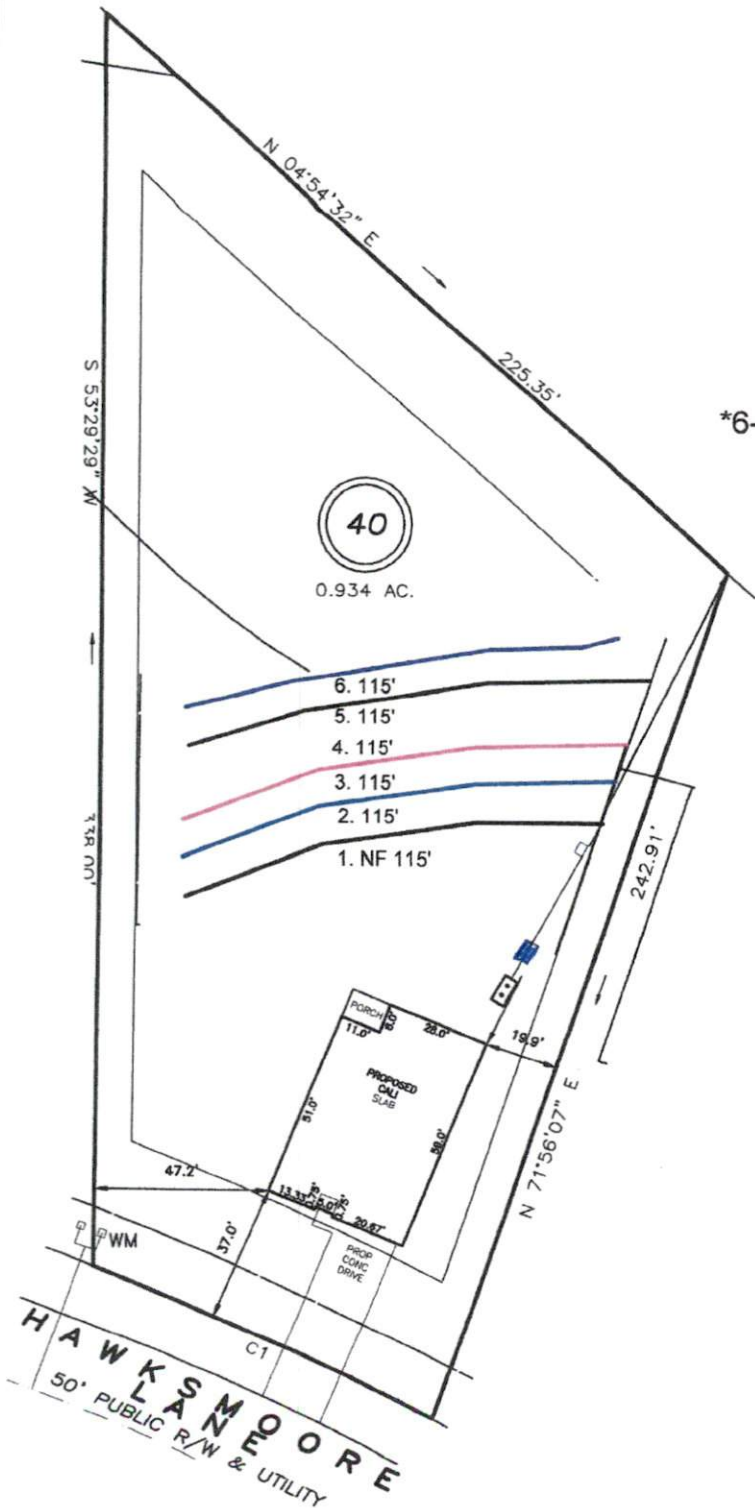
This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a5).

See attached site sketch

McKay Place- Lot #40
 4-Bedroom - Septic Design
 129 Hawksmoore Ln - Lillington, NC
 DR Horton
 Harnett County PIN: 0528-57-7133

*Not a Survey
 Sketched from a plot plan supplied by owner

*6-8" of approved soil cover required over drainfield.



System: Pump to D-Box
 Lines: 1-3 (345')
 0.35 LTAR
 12" Max Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 4-6 (345')
 0.35 LTAR
 12" Max Trench Bottom
 Accepted Status System

**1000 Gallon Septic and Pump Tank
 Tank and trenches to be located minimum of 10'
 from any property line and minimum of 5'
 from any building foundation.
 *Do Not Cut, Fill, or Alter Drainfield or Repair Area
 *Comply with all setbacks
 *Contact local health dept. and/or Alex Adams prior to
 or during installation with any questions or concerns.

Adams
 Soil Consulting
 919-414-6761
 Job #1236

