



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

Application for Services

This application, in conjunction with the common form established in G.S. 130A-335(a3) and (a5), is optional for local health departments to be used for applications submitted in accordance with G.S. 130A-335(a2), (a3), and (a5). [hereinafter, G.S. 130A-335(a3) and (a5) permits referred to as (a2) Improvement Permit and (a2) Construction Authorization]

Applying for:

- (a2) Improvement Permit (a2) Construction Authorization (a2) Repair/Construction Authorization

Please check one of the following:

- New Construction Expansion System Relocation Change of Use Repair
5 Year Expiration Requested (site plan provided)
Non-Expiring Permit Requested (plat provided, as defined in G.S. 130A-334(7a))

Property Owner Name: KFB Land, LLC
Property Owner Mailing Address: 341 W. Millbrook Rd. Suite 121 Raleigh, NC 27609
Property Owner Phone Number: 919-906-2807
Property Owner Email Address: keith@carolinaforestry.com

Applicant Name: KFB Land, LLC
Applicant Mailing Address: 314 W. Millbrook Rd. Suite 121 Raleigh, NC 27609
Applicant Phone Number: 919-906-2807
Applicant Email Address: keith@carolinaforestry.com

Does the property include, or is subject to, any of the following:

- Yes No Previously identified jurisdictional wetlands
Yes No Existing or proposed easements, rights-of-way, encroachments, or other areas subject to legal restrictions
Yes No Approval by other public agencies

A site plan or plat is required, OR the site sketch submitted from the LSS/AOWE, must include the following:

- (A) existing and proposed facilities, structures, appurtenances, and wastewater systems
(B) proposed wastewater system showing setbacks to property line(s) or other fixed reference point(s)
(C) existing and proposed vehicular traffic areas
(D) existing and proposed water supplies, wells, springs, and water lines; and
(E) surface water, drainage features, and all existing and proposed artificial drainage, as applicable.

Requesting DHHS review: Yes No

I understand that the documentation and fees, as required in G.S. 130A-335(a2), (a3), (a5), and (a6), attached to this application are to be used to issue an Improvement Permit and/or Construction Authorization pursuant to G.S. 130A-335(a2),(a3), and (a5). I understand that authorized county and state officials are granted right of entry to the property indicated on this application to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that if the information in the application for an Improvements Permit and/or Construction Authorization is falsified, changed, or the site is altered, then the Improvement Permit and Construction Authorization shall become invalid.

Applicant Signature: [Signature] Date: 8/31/23
Owner's Signature: [Signature] Date: 8/31/23

2/15



Central Carolina Soil Consulting, PLLC
1900 South Main Street, Suite 110, Wake Forest, NC 27587
Office Number: 919-569-6704

Acknowledgment of Subsurface wastewater evaluation and septic design by Central Carolina Soil Consulting, PLLC. for Red Mountain Estates, Lot 24 (Parcel Number: A75 124), for issuance of an IP and CA.

For Improvement Permit (IP) issuance:
"The LSS/LG evaluation(s) attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3)."

For Construction Authorization (CA) issuance:
"The plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5) and (a6)."

The LSS evaluation attached to this application was used to produce and design a subsurface wastewater septic system for permitting to obtain an IP and CA in accordance G.S. 130A-335(a2), (a3), (a5) and (a6).

Owner: KFB Land, LLC
Owner's representative: [Signature]
Date: 8/31/23

Permit #: A75-124



NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

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

3/15

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

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

County: _____ Person _____

PIN/Lot Identifier: _____ A75 124

Issued To: _____ Carolina Forestry

Property Location: _____ Red Mountain Estates

Subdivision (if applicable) _____ Red Mountain Estates Lot #: 24 Block: _____ Section: _____

LSS Report Provided: Yes [x] No []

If yes, name and license number of LSS: _____ Jason Hall, NC LSS #1248

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

Proposed Structure: _____ Single Family, 4-Bedroom

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): 0.275 Proposed LTAR (Repair): 0.3

Proposed Wastewater System Type*: IIIG, gravity to serial (accepted) (Initial) Pump Required: [] Yes [x] No [] May be required

Proposed Wastewater System Type*: IIIB, pressure manifold (accepted) (Repair) Pump Required: [x] Yes [] 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): 44" Usable Soil Depth (Repair): 36"

Max. Trench Depth (Initial)*: 20" 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: [x] Private well [] Public well [] Shared well [] 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: _____

Licensed Soil Scientist Print Name: Jason Hall

Licensed Soil Scientist Signature: [Signature] Date: 08/31/2023

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 27609-1632
www.ncdhhs.gov • TEL: 919-707-5854 FAX: 919-845-3972

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER





Permit #: A75-124

4/15

This Section for Local Health Department Use Only

Initial submittal received: 9/19/23 by JB
Date Initials

G.S. 130A-335(a3) states the following:

When an applicant for an Improvement Permit submits to a local health department an Improvement Permit application, the permit fee charged by the local health department, the common form developed by the Department, and a soil evaluation pursuant to subsection (a2) of this section, the local health department shall, within five business days of receiving the application, conduct a completeness review of the submittal. A determination of completeness means that the Improvement Permit includes all of the required components. If the local health department determines that the Improvement Permit is incomplete, the local health department shall notify the applicant of the components needed to complete the Improvement Permit. The applicant may submit additional information to the local health department to cure the deficiencies in the Improvement Permit. The local health department shall make a final determination as to whether the Improvement Permit is complete within five business days after the local health department receives the additional information from the applicant. If the local health department fails to act within any period set out in this subsection, the applicant may treat the failure to act as a determination of completeness. The Department shall develop a common form for use as the Improvement Permit.

The review for completeness of this Improvement Permit was conducted in accordance with G.S. 130A-335(a3). This Improvement Permit is determined to be:

Incomplete (If box is checked, information in this section is required.)

The following items are missing:

Copies of this were sent to the LSS and the Applicant on _____
Date

State Authorized Agent: _____ Date: _____

Complete

State Authorized Agent: JP Beachler Date: 9/21/23

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2) and (a3) using the signed and sealed LSS/LG evaluation(s) attached here. 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 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 the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: 9/21/28

See attached site sketch

5/15



Central Carolina Soil Consulting, PLLC

1900 South Main Street, Suite 110, Wake Forest, NC 27587
Office Number: 919-569-6704

August 31, 2023
Job #4419

Carolina Forestry
Attention: Keith Brouillard
314 W. Millbrook Road, Suite 121
Raleigh, NC 27609

RE: Preliminary soil/site evaluation for single family wastewater approval at Red Mill Estates Subdivision, Lot 24 (4-bedroom) in Person County pursuant to and meets the requirements of G.S. 130A-335(a2)."

Dear Mr. Brouillard:

Central Carolina Soil Consulting, PLLC conducted a preliminary soil evaluation on the aforementioned lot to determine the areas of provisionally suitable soils that are suitable for subsurface wastewater disposal systems (conventional, Accepted & Innovative). **"The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."** The soil/site evaluation was performed using auger borings and pits in August 2023, under moist soil conditions, based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems". From this evaluation, CCSC laid out and located the septic layout and gps'd for site plan drawing purposes. **Please note that the lot lines must be clearly marked by your surveyor prior to system installation by your installer to verify all setbacks before digging.**

The lot is proposed to have a 4-bedroom system for the house. A septic system field layout was completed based on the house location and property lines surveyed in the field.

The proposed Initial system for the house is a Gravity to Serial distribution using lines 1-4 totaling 450 feet of accepted product (EZ-Flow). The repair area shown is approximately 8,600ft² of provisionally suitable soil area using Large Diameter Pipe. The septic tank for the house should be minimum 1,000 gallons with risers. The septic tank should also have pressed in rubber boots on both the inlets and the outlets of the tank.

Based on the findings during the field evaluation, the area on the attached map has at least 44 inches (initial) and 36 inches (repair) of provisionally suitable soils for a modified conventional septic system. The assigned LTAR for the site is 0.275 gal/day/ft² with a maximum depth of 20 inches for the initial system installation of the drain lines due to slope correction. The assigned LTAR for the site is 0.3 gal/day/ft² with a maximum depth of 18 inches for the repair system installation of the drain lines due to slope correction.

Septic Installation:

The septic system for the lot should be installed during dry soil conditions (no rain events within 72 hours). The septic system should be installed on contour while maintaining all required setbacks. **Lot lines must be clearly marked by your surveyor prior to system installation so your installer can verify all setbacks before digging.**

Setbacks: (see septic design page for locations)

- **Septic and Pump Tanks** (see septic design)
 - 10' minimum from property lines
 - 5' minimum from house
- **Septic Lines** (see septic design)
 - 10' minimum from property lines
 - 5' minimum from house
- **Manifold's and D-Box's** (see septic design)
 - 10' minimum from property lines
- **Supply Lines** (see septic design)
 - 5' minimum from property lines

Grading:

No grading should be completed within the initial and repair septic areas that change the natural grade of the area. There should be no cutting or filling within the septic areas as well. When grading the lot, no cuts of 2' or greater should be within 15' of the septic areas. If a cut is required near the septic area, keep the cut around 6-8 inches in depth.

7/15

HOUSE:

- Initial System: Gravity to Serial Distribution, lines 1-4 totaling 450' (see layout)
- Repair System: Repair Area shown (approximately 8,600ft²) (see layout)
- 480 gal/day flow rate (4-bedroom)
- 1,000 gallon septic tank with risers and pressed in rubber boots on both the inlet and outlet ends
- 20" max trench depth for Initial System
- 18" max trench depth for Repair System (Large Diameter Pipe, 2' wide trench)
- 0.275 LTAR for Initial
- 0.3 LTAR for Repair
- No grading/filling septic areas
- No cuts >2' within 15' of septic areas
- Keep tanks and drain lines 10' from property lines
- Keep supply line >5' property lines
- Install in dry soil conditions (No rain events within 72 hours)
- Maintain natural contours when clearing the lot

This letter discusses the location of provisionally suitable soils for subsurface wastewater disposal systems and does not guarantee the future function of any wastewater system on sites. Central Carolina Soil Consulting, PLLC is a professional consulting firm specializing in soil delineations and designs for on-site wastewater disposal systems.

If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me at any time. Thank you for allowing Central Carolina Soil Consulting to perform this site evaluation for you.

Sincerely,



Jason Hall
NC Licensed Soil Scientist #1248
AOWE certification number 10004E



Encl: Soil Map & septic layout

8/15

Sheet:
 Property ID: A75 124
 Lot #: 24
 File #:
 AppID:

**CCSC SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner:
 Address:
 Proposed Facility: 4-Bedroom Design Flow (.1949) 480 gal/day
 Location of Site: Red Mountain Estates, Lot 24
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Applicant:
 Date Evaluated:
 Property Size:
 Property Recorded:

P R O F I L E #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		b PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS 25%	A 0-6	GR SL	VFR NS NP SEXP		48			PS
		Bt 6-48	SBK C	FR SS SP SEXP					0.30
2	FS 11%	A 0-7	GR SIL	FR SS SP SEXP		42			PS
		Bt1 7-23	SBK SICL	FR SS SP SEXP					0.30
		Bt2 23-32	SBK C	FR SS SP SEXP					
		BC 32-42	W-SBK SICL	FR SS SP SEXP					
		AR 42+							
3	LS 20%	A 0-8	GR SL	VFR NS NP SEXP		36			PS
		Bt 8-36	SBK SICL	FR SS SP SEXP					0.30
		AR 36							
4	LS, ~28%	A, 0-5	SL, GR	VFR, NS, NP		44			PS
		E, 5-10	SL, GR	VFR, NS, NP					0.275
		Bt, 10-44	C, SBK	FI, SS, SP, SEXP					

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	III g	III b
Site LTAR	0.275	0.30

Other Factors (.1946):
 Soil Evaluation By:
 Others Present:
 Site Classification (.1948): Provisionally Suitable
 Site Evaluation By: Jason Hall, Jamie Rice
 Others Present: Michael Seewald

COMMENTS:

FILE #:

10/15

<u>Landscape Position</u>	<u>Group</u>	<u>Texture</u>	<u>.1955 LTAR</u>	<u>Structure</u>
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope	II	SL-Sandy Loam	0.8 - 0.6	CR-Crumb
FS-Foot Slope		L-Loam		GR-Granular
NS-Nose Slope				SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace		CL-Clay Loam		
FP-Flood Plain	IV	SCL-Sandy Clay Loam	0.4 - 0.1	
		SC-Sandy Clay		
		SIC-Silty Clay		
		C-Clay		

Consistence

Moist

- VFR-Very Friable
- FR-Friable
- FI-Firm
- VFI-Very Firm
- EFI-Extremely Firm

Consistence

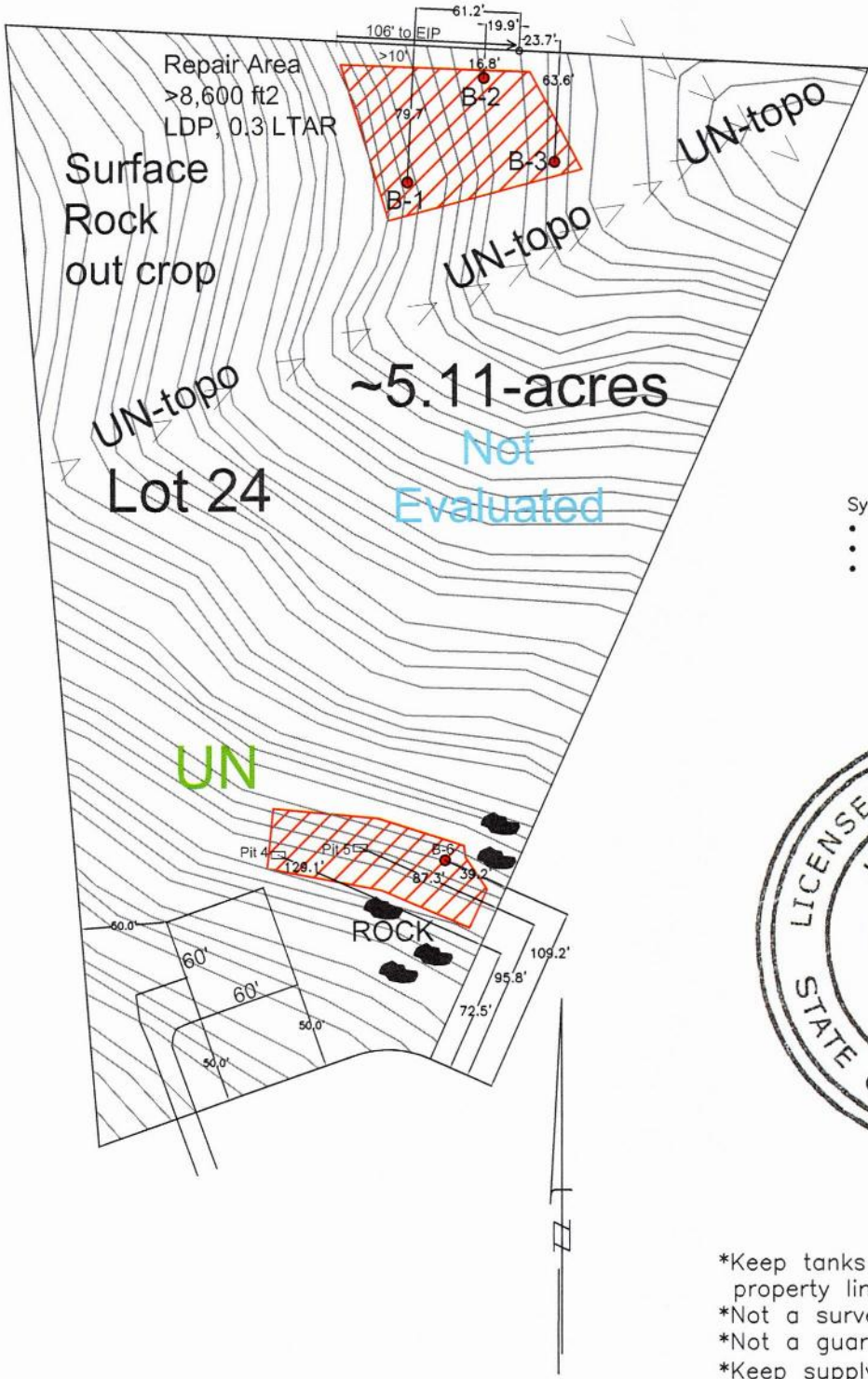
Wet

- NS-Non-Sticky
- SS-Slightly Sticky
- S-Sticky
- VS-Very Sticky
- NP-Non-Plastic
- SP-Slightly Plastic
- P-Plastic
- VP-Very Plastic

Mineralogy

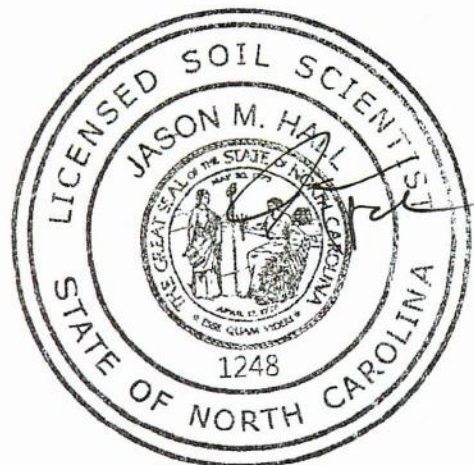
- SEXP-Slightly Expansive
- EXP-Expansive

Sketch of Soil Evaluation Locations



- B-1 = profile description locations
- Pit 4 = profile description locations

- System and Repair Area:
- ~13,500ft²
 - 0.275 soil LTAR
 - 4-bedroom: Accepted Product Primary and Large Diameter Pipe 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.
- *No adding soil within septic area
- *No rutting-up septic area
- *No cuts of >2' within 15' of septic areas

GRAPHIC SCALE
1" = 100'



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

Soils Map
Lot 24, Red Mountain Estates Subdivision
Person County, North Carolina

Job#: 4419
Drawn By: JR
Date: 08/31/2023
Revision:

12/15



Central Carolina Soil Consulting, PLLC
1900 South Main Street, Suite 110, Wake Forest, NC 27587
Office Number: 919-569-6704

Acknowledgment of Subsurface wastewater evaluation and septic design by Central Carolina Soil Consulting, PLLC. for Red Mountain Estates, Lot 24 (Parcel Number: A75 124), for issuance of an IP and CA.

For Improvement Permit (IP) issuance:

"The LSS/LG evaluation(s) attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3)."

For Construction Authorization (CA) issuance:

"The plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5) and (a6)."

The LSS evaluation attached to this application was used to produce and design a subsurface wastewater septic system for permitting to obtain an IP and CA in accordance G.S. 130A-335(a2), (a3), (a5) and (a6).

Owner:

KFB Land, LLC

Owner's representative:

[Signature]

Date:

8/31/23



Permit #: A75-124

13/15

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

County: Person
PIN/Lot Identifier: A75 124
Issued To: Carolina Forestry
Property Location: Red Mountain Estates, Lot 24
AOWE/PE Plans/Evaluations Provided: Yes No If yes, name and license number of AOWE/PE: Jason Hall, AOWE #10004E
Facility Type: Single Family, 4-Bedroom

New Expansion Repair System Relocation Change of Use
Basement? Yes No Basement Fixtures? Yes No
Type of Wastewater System* IIIG, gravity to serial (accepted) (Initial) IIIB, pressure manifold (accepted) (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: 450 feet Trench/Bed Spacing: 9 feet on center
Trench/Bed Width: 36 inches LTAR 0.275 gpd/ft²
Additional Soil Cover: 0 inches Slope Corrected Maximum Trench/Bed Depth[†]: 20 inches * Measured on the downhill side of the trench
Aggregate Depth: n/a inches above pipe n/a inches below pipe n/a inches total
Pump Tank Size (if applicable): _____ gallons Requires more than 1 pump? Yes No
Pump Requirements: _____ ft. TDH vs. _____ GPM Grease Trap Size (if applicable): n/a 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: _____

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: Jason Hall Expiration Date: 12/31/2023
AOWE/PE Signature: [Signature] Date: 08/31/2023
This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a5).

See attached site sketch





Permit #: A75-124

14/15

This Section for Local Health Department Use Only

Initial submittal received: 9/19/23 by JJB
Date Initials

G.S. 130A-335(a5) states the following:

When an applicant for a Construction Authorization, or an Improvement Permit and Construction Authorization together, submits a Construction Authorization, or an Improvement Permit and Construction Authorization application together, the permit fee charged by the local health department, the common form developed by the Department, and any necessary signed and sealed plans or evaluations conducted by a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator, the local health department shall, within five business days of receiving the application, conduct a completeness review of the submittal. A determination of completeness means that the Construction Authorization or Improvement Permit and Construction Authorization includes all of the required components. If the local health department determines that the Construction Authorization or Improvement Permit and Construction Authorization is incomplete, the local health department shall notify the applicant of the components needed to complete the Construction Authorization or Improvement Permit and Construction Authorization. The applicant may submit additional information to the local health department to cure the deficiencies in the Construction Authorization or Improvement Permit and Construction Authorization. The local health department shall make a final determination as to whether the Construction Authorization or Improvement Permit and Construction Authorization is complete within five business days after the local health department receives the additional information from the applicant. If the local health department fails to act within any period set out in this subsection, the applicant may treat the failure to act as a determination of completeness. The applicant may apply for the building permit for the project upon the decision of completeness of the Construction Authorization or Improvement Permit and Construction Authorization by the local health department or if the local health department fails to act within five business days. The Authorized On-Site Wastewater Evaluator or licensed engineer submitting the evaluation pursuant to this subsection may request that the local health department revoke or suspend the Construction Authorization or Improvement Permit and Construction Authorization for cause. Upon written request of the Authorized On-Site Wastewater Evaluator or licensed engineer, the local health department shall suspend or revoke the Construction Authorization or Improvement Permit and Construction Authorization pursuant to G.S. 130A-23. The Department shall develop a common form for use as the Construction Authorization.

The review for completeness of this Construction Authorization was conducted in accordance with G.S. 130A-335(a5). This

Construction Authorization is determined to be:

Incomplete (If box is checked, information in this section is required.)

The following items are missing: _____

Copies of this were sent to the AOWE/PE and the Applicant on _____
Date

State Authorized Agent: _____ Date: _____

Complete

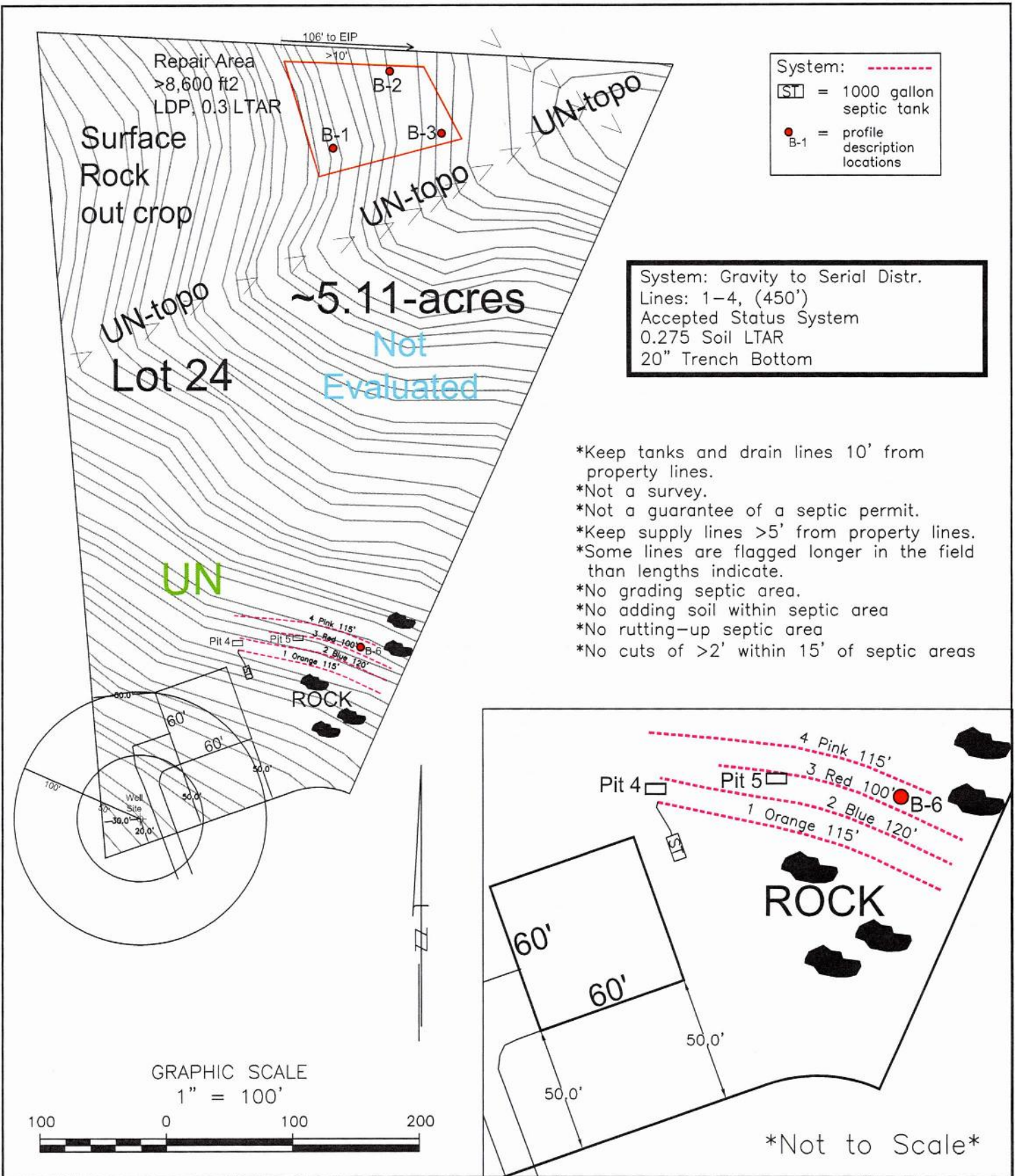
State Authorized Agent: JP Bradsher Date of Issuance: 9/21/23

This Construction Authorization is issued pursuant to G.S. 130A-335(a2) and (a5) using the signed and sealed plans or evaluations attached here. 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 the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to plans, evaluations, preconstruction conference findings, submittals, or actions from a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator in GS 130A-335(a2), (a5), and (a7). The Department, the Department's authorized agents, and the local health departments shall be responsible and bear liability for their actions and evaluations and other obligations under State law or rule, including the issuance of the operations permit pursuant to GS 130A-337.

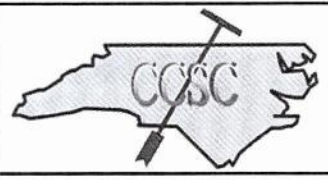
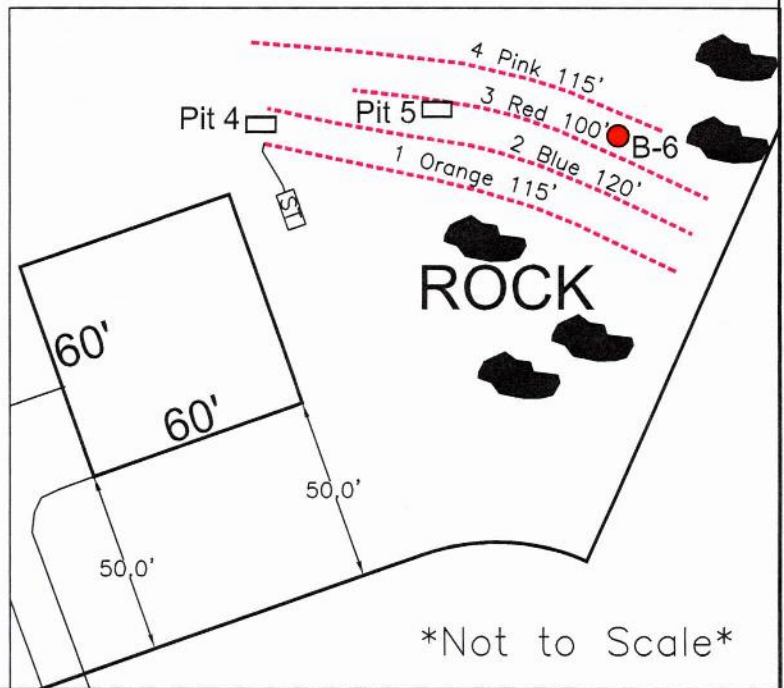
Construction Authorization Expiration Date: 9/21/28

See attached site sketch



System: Gravity to Serial Distr.
 Lines: 1-4, (450')
 Accepted Status System
 0.275 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.
- *No adding soil within septic area
- *No rutting-up septic area
- *No cuts of >2' within 15' of septic areas



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

4-Bedroom Septic Layout
 Lot 24, Red Mountain Estates Subdivision
 Person County, North Carolina

Job#: 4419
Drawn By: JR
Date: 08/31/2023
Revision:

