



North Carolina Onsite Wastewater Contractor Inspector Certification Board
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems
Notice of Intent (NOI) to Construct

☒ New ☐ Expansion ☐ Repair ☐ Relocation ☐ Relocation of Repair Area

Owner or Legal Representative Information:

Name: JSJ Builders, Inc.

Mailing address: 1135 Robeson St. City: Fayetteville State: NC Zip: 28305

Phone: 910-438-0796 Email: Kevinshortridge@gmail.com

Authorized Onsite Wastewater Evaluator Information:

Name: Mike Eaker Certification #: 10013E

Mailing address: PO Box 9321 City: Fayetteville State: NC Zip: 28311

Phone: 910-822-4540 Email: Mike@southeasternsoil.com



Site Location Information:

Site address: 205 Hookbill Lane, Lillington, NC 27546

Tax parcel identification number or subdivision lot, block number of property: 0527-41-5575.000

Ducks Landing, Lot 17 County: Harnett

System Information:

Wastewater System Type: Accepted (25% reduction)

Daily Design Flow: 360 gpd

Saprolite System: ☐ Yes ☒ No Subsurface Operator Required: ☐ Yes ☒ No

Water Supply Type: ☒ Private Well ☐ Public Water Supply ☐ Spring ☐ Other: _____

Facility Type:

☒ Residential 3 # Bedrooms 6 Maximum # of Occupants _____

☐ Business Type of Business and Basis for Flow: _____

☐ Public Assembly Type of Public Assembly and Basis for Flow: _____

Required Attachments:

☒ Plat or Site Plan

☒ Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 10 day of June, 2025 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.

This NOI shall expire on 10 day of June, 2030.

Signature of Authorized Onsite Wastewater Evaluator: [Signature]

Signature of Owner or Legal Representative: [Signature]

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:

Signature of Local Health Department Representative: _____

Date: _____

Design Summary

- Accepted product (225', see septic layout)
- 360 gal/day flow rate (3BR)
- 24" maximum trench depth
- 0.40 gpd/ft² LTAR (initial and repair)
- 1000-gallon septic tank (**certified watertight**)
- No grading, rutting or filling in septic areas
- No vertical cuts (greater than 2') within 15' of septic lines/areas
- Keep tanks and drainlines 10' from property lines
- Keep supply line 5 or more feet from property lines
- **Install in dry soil conditions**
- Maintain natural contours when clearing the lots
- Direct gutter water away from septic system
- **AOWE must preapprove Licensed installer**
- **Preconstruction conference required 2 weeks prior to installation of septic**
- **Contractor to provide 2 week's notice prior to installation**

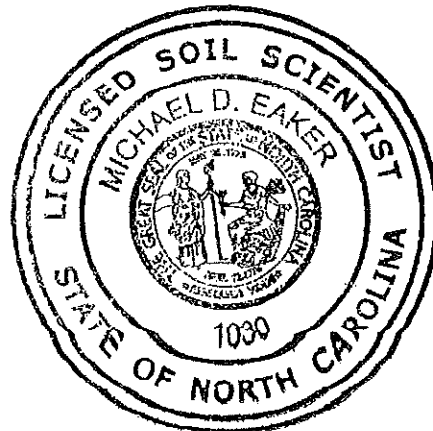
During site construction, it is important not to impact and suitable or provisionally suitable soil areas with activities such as excavation or filling. Only the vegetation should be removed in the areas of the proposed septic drainfields to prevent any disturbance of naturally occurring soil. We recommend all lot clearing activity be delayed until the local health department issues a permit.

To the extent possible, we have identified the soil types that will impact the flow of wastewater on this site and have provided a professional opinion as to the best septic system layout. This report does not guarantee that the proposed septic system will properly function for any specific length of time.

Sincerely,



Mike Eaker
NC Licensed Soil Scientist # 1030
NC Authorized Wastewater Evaluator 10013E



SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: Ducks Landing

LOT 17

INITIAL SYSTEM: Accepted 25% Reduction

REPAIR: Accepted 25% Reduction

DISTRIBUTION: Gravity Serial

DISTRIBUTION Gravity Serial

BENCHMARK: 100.0

LOCATION Power Box slab 17/18

NO. BEDROOMS: 3

LTAR 0.40 gpd/ft2

SEPTIC TANK SIZE 1000 Gallons

PUMP TANK SIZE N/A

	<u>LINE</u>	<u>FLAG COLOR</u>	<u>ELEVATION</u>	<u>LENGTH</u>
Initial	2	Y	99.90	55'
	3	B	99.70	85'
	4	Y	99.50	85'
	225' TOTAL			
Repair	5	B	99.10	90'
	6	Y	98.90	90'
	7	B	98.60	75'
	8	Y	98.40	60'
TOTAL 315'				

BY Mike Eaker

DATE 6/3/25

TYPICAL PROFILE

THERE SHALL BE NO GRADING,

CUTTING, LOGGING OR OTHER SOIL

DISTURBANCE IN SEPTIC AREA

HEALTH DEPARTMENT USE ONLY.

DESIGNS DO NOT GURANTEE FUNCTIONALITY

Initial	0-16	LS/SL	VFr/Fr/Gr
	16-48	SL/SCL	Fi/SBk
	CR2	41"	
Repair	0-24	LS/SL	VFr/Fr/Gr
	24-48	SL/SCL	Fi/SBk
	CR2	38"	



EOP - EDGE OF PAVEMENT
BOC - BACK OF CURB

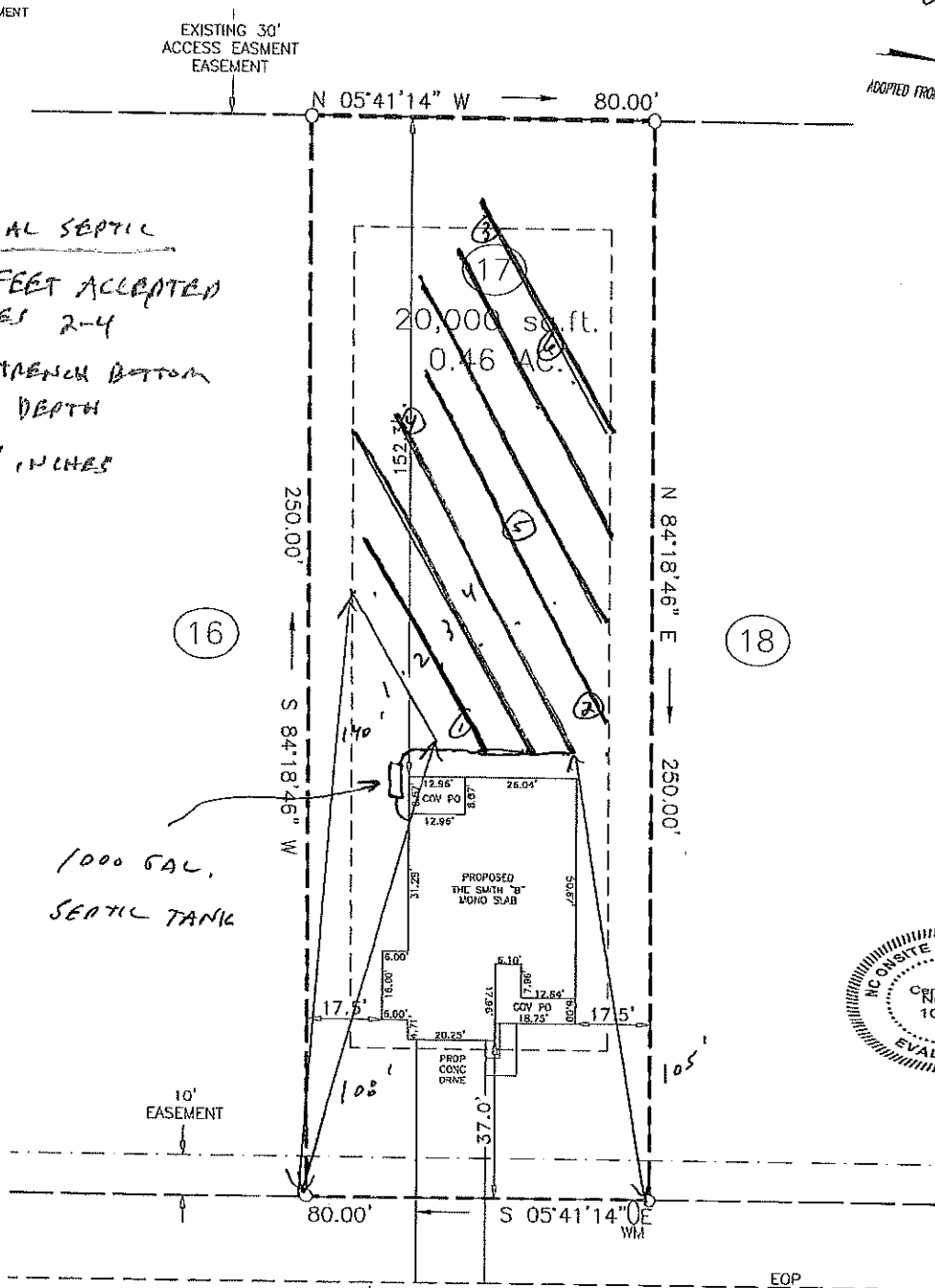
EXISTING 30'
ACCESS EASEMENT
EASEMENT

Duck's Landing
Lot 17

ADOPTED FROM P.B. 2025, PG. 268

INITIAL SEPTIC
2.25 FEET ACCEPTED
LINES 2-4
MAX TRENCH BOTTOM
DEPTH
24 INCHES

1000 GAL.
SEPTIC TANK




GRAPHIC SCALE

40' 0' 20'

HOOKBILL LANE
60' PUBLIC R/W

1" = 40'



ECLS
GLOBAL, INC.
U.S. VETERAN-OWNED
19 N MCKINLEY ST
COATS, NC 27521
910.897.3257 ECLSGlobalINC.COM
910.897.2329 (FAX) 800-641-176

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: JSJ Builders, Inc.

DATE EVALUATED: 6/3/25

ADDRESS: 1135 Robeson St., Fayetteville, NC 28305

PROPOSED FACILITY: SFD

PROPOSED DESIGN FLOW (.0400): 360 GPD

PROPERTY SIZE: 0.46 ac

LOCATION OF SITE: 205 Hookbill Lane, Lillington, NC 27546

PROPERTY RECORDED:

WATER SUPPLY: ☒ Public ☐ Single Family Well ☐ Shared Well ☐ Spring ☐ Other

WATER SUPPLY SETBACK: N/A: No Set

EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut

TYPE OF WASTEWATER: ☒ Domestic ☐ High Strength ☐ IPWW

P R O F I L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR*	.0502(d) SLOPE CORRE CTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
1	LS 2-4%	0-4	LS/GR	VFR/NEXP	45"	NA	NA	NA	Suitable 0.40	
		4-30	LS/SL/GR	VFR/NEXP	10YR 6/4					
		30-45	SCL/WF SBK	FR/SEXP	7.5YR 6/8					
		45-48	SCL/MASS	FR/SEXP	7.5YR 6/8 10YR 7/1 mott					
2	LS 2-4%	0-7	LS/GR	VFR/NEXP	>48"	NA	NA	NA	Suitable 0.40	
		7-26	LS/GR	VFR/NEXP	10YR 6/4					
		26-33	SCL/WF SBK	FR/SEXP	7.5YR 6/4					
		33-48	SCL/WF SBK	FI/SEXP	7.5YR 6/8 10YR 7/1 mott					
3	LS 2-4%	0-6	LS/GR	VFR/NEXP	>48"	NA	NA	NA	Suitable 0.40	
		6-24	LS/GR	VFR/NEXP	10YR 6/4					
		24-31	SCL/SL/MM SBK	FI/SEXP	7.5YR 6/8					
		31-48	SCL/WF SBK	FI/SEXP	7.5YR 6/8					
4	LS 2-4%	0-10	LS/GR	VFR/NEXP	41"	NA	NA	NA	Suitable 0.40	
		10-23	LS/GR	VFR/NEXP	10YR 7/3					
		23-41	SCL/WF SBK	FR/SEXP	7.4YR 6/4					
		41-48	SCL/WF SBK	FR/SEXP	10YR 6/8 10YR 7/1 mott					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): Suitable EVALUATED BY: M. Eaker OTHER(S) PRESENT: D. Eaker
Available Space (.0508)	YES	YES	
System Type(s)	Accepted	Accepted	
Site LTAR	0.40 gpd/ft2	0.40 gpd/ft2	
Maximum Trench Depth	24"	22"	

Comments:

(Continuation Sheet-Complete all field in full)

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DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH AND SAFETY

DIVISION OF PUBLIC HEALTH

ENVIRONMENTAL HEALTH SECTION

ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: Ducks Landing Lot 17

DATE OF EVALUATION: 6/3/25

COUNTY: Hamett

[illegible]

COMMENTS:



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**DESIGN PROFESSIONALS LIABILITY COVERAGE
DECLARATIONS**

POLICY NO. 108040737

Travelers Casualty and Surety Company of America
Hartford, Connecticut
(A Stock Insurance Company, herein called the Company)

Important note: This is a claims-made policy. To be covered, a claim must be first made against an insured during the policy period or any applicable extended reporting period.

This policy is composed of the Declarations, the Professional Liability Coverage, the Professional Liability Terms and Conditions, and any endorsements attached thereto.

ITEM 1	NAMED INSURED: SOUTHEASTERN SOIL AND ENVIRONMENTAL ASSOCIATES DBA: Principal Address: PO BOX 9321 FAYETTEVILLE, NC 28311-9084
ITEM 2	POLICY PERIOD: Inception Date: May 1, 2025 Expiration Date: May 1, 2026 12:01 A.M. standard time both dates at the Principal Address stated in ITEM 1.
ITEM 3	ALL NOTICES PURSUANT TO THE POLICY MUST BE SENT TO THE COMPANY BY EMAIL, FACSIMILE, OR MAIL AS SET FORTH BELOW: Email: BS1claims@travelers.com Fax: 1-888-460-6622 Mail: Travelers Bond & Specialty Insurance Claim P.O. Box 2989 Hartford, CT 06104-2989 Overnight Mail: Travelers Bond & Specialty Insurance Claim One Tower Square, MN06 Hartford, CT 06183 For questions related to claim reporting or handling, please call 1-800-842-8496.

