

### 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 Info	mation:
Name: Caviness and Cates	Cha 400
Mailing address: 639 Executive Place	
Phone: 910-709-9801	Email: pam@cavinessandcates.com
Authorized Onsite Wastewater Eval	uator Information:
Name: Mike Eaker	Certification #: 10013E
Mailing address: PO Box 9321	City: Fayetteville State: NC Zip: 28311
Phone: 910-822-4540	Email: pam@cavinessandcates.com  uator Information:  Certification #: 10013E  City: Fayetteville State: NC Zip: 28311  Email: Mike@southeasternsoil.com
Site Location Information:	
Site address: 369 Hookbill Lane, Lilli	ngton, NC 27546
Tax parcel identification number or	subdivision lot, block number of property: Ducks Landing Lot 26
0527-52-1283.000	County: Harnett
Facility Type:  Residential 4 # Bedrooms  Business Type of Business	Public Water Supply Spring Other:
Required Attachments:  Plat or Site Plan Evaluation of Soil and Site Fe	atures by Licensed Soil Scientist
have adhered to the laws and rules go	, 2025 by signature below I hereby attest that the information required to be accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I everning onsite wastewater systems in the state of North Carolina.  If May, 2030  Ewater Evaluator:
Signature of Owner or Legal Represe	ntative: Pamela M Geddie
required (if any) to the local health de	r a building permit for the project upon submitting a complete NOI to Construct and the fee epartment. An onsite wastewater system authorized by an authorized onsite wastewater we owner with the consent of the authorized onsite wastewater evaluator.
Signature of Local Health Departmen	





#### **RESIDENTIAL LAND USE APPLICATION**

SITE ADDRESS: 369 Hookbill Lane PIN: 0527-52-1283.000
LANDOWNER: Caviness & Cates Bldg and Dev Co Mailing Address: 639 Executive Place Ste 400
CityFayetteville state:NC Zip:28305 Phone: (910) 778-7902 Email: pam@cavinessandcates.com
*Please fill out applicant information if different than landowner.
APPLICANT: SAME AS ABOVE Mailing Address:
City: State: Zip: Phone: Email:
PROPOSED USE:
□ Single Family Dwelling: (Size 48 x 56 ) # Bedrooms: 4 # Baths: 2.5 Garage: Attached Detached Accessory: Deck Patio (Porch
□ Single Family Dwelling: (Size 48 x 56) # Bedrooms: 4 # Baths: 2.5 Garage: Attached, Detached (Circle One) Correct One)  TOTAL HTD SQ FT: 3278 GARAGE SQ FT: 600 Foundation Type: Crawl Space: □ Stem Wall: ☑ Mono Slab: □ Basement: □
Foundation Type: Crawl Space:   Stem Wall: Mono Slab:  Basement:
Modular: (Sizex) # Bedrooms: # Baths: Garage: Attached, Detached Accessory: Deck, Patio, Porch (Circle One)
TOTAL HTD SQ FT:
☐ Manufactured Home: SW ☐ DW ☐ TW ☐ (Sizex) # Bedrooms: Garage: Attached, Detached Accessory: Deck, Patio (Circle One) (Circle One)
ZONING:
□ Duplex: (Sizex) # Buildings:# Bedrooms Per Unit:TOTAL HTD SQ FT:
□ Addition/Accessory/Other: (Sizex) Use:
UTILITIES:
Water Supply: County ☑ Existing Well □ New Well (# of dwellings using well) □
Sewage Supply: New Septic Tank 反 Expansion □ Relocation □ Existing Septic Tank □ County Sewer □
(Complete Environmental Health Checklist on other side of application if Septic is selected)
GENERAL PROPERTY INFORMATION:
Does the landowner own another tract that contains a manufactured home within 500 feet? YES □ NO 🔀
Does the property contain any easements, whether underground or overhead? YES $\square$ NO $oxtimes$
Structures (existing or proposed): Single Family Dwellings: Manufactured Homes: Other (specify):
If permits are granted, I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted.  I hereby state that the foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.
Pamela M Geddie 5/12/25
Signature of Owner's Agent 5/12/25  Date

\*\*\*Permits are valid for 6 months from the issue date, or 12 months from last inspection once inspections have been initiated. It is the owner/applicant's responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.\*\*\*





### Environmental Health Department Application for Improvement Permit and/or Authorization to Construct

If the information in this application is falsified, changed, or the site is altered, then the permit shall become invalid. This permit will be valid for 60 months.

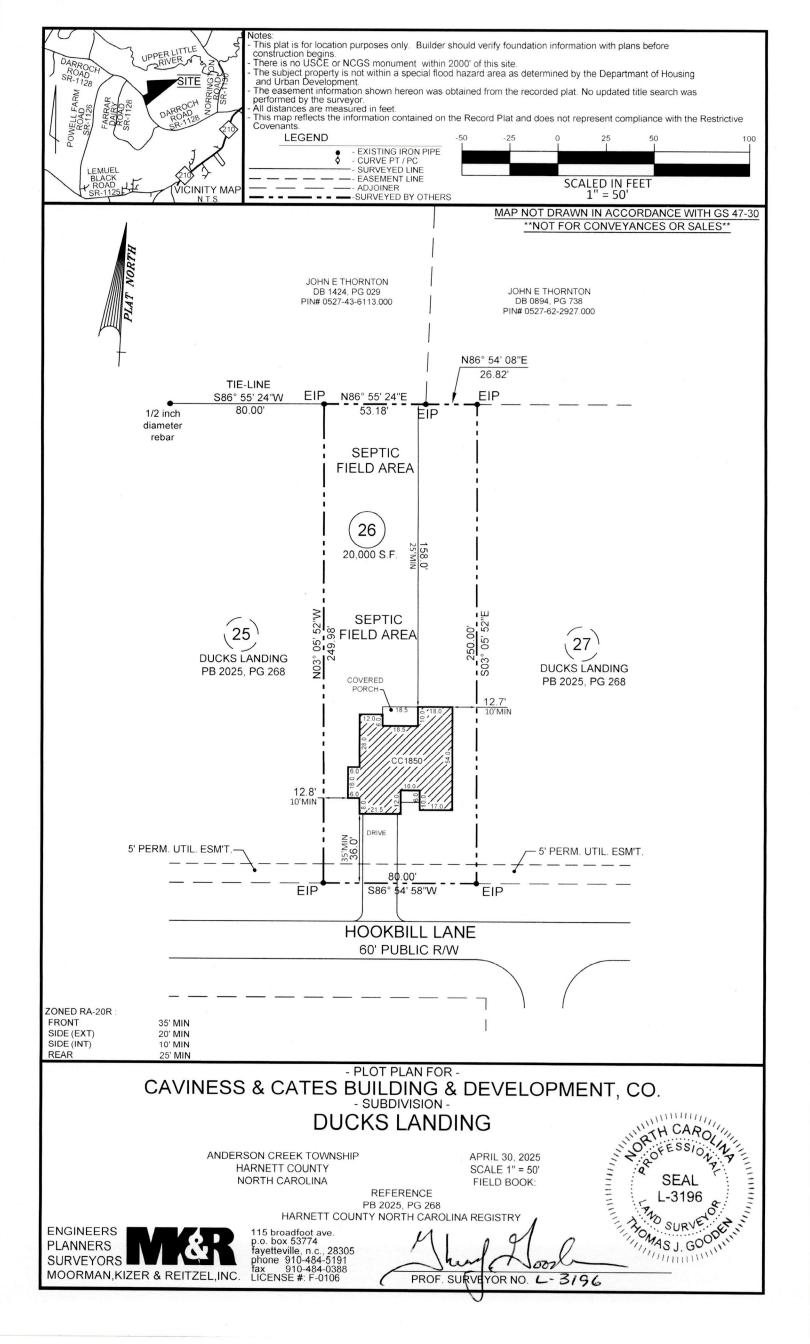
#### NEW SEPTIC SYSTEM INSPECTION

- All property irons must be made visible. Place pink flags on each corner of lot & approximately every 50 feet between corners.
- Place orange flags at the corners of each proposed structure per site plan submitted to Central Permitting.
- Post orange Environmental Health sign in location that is visible from road to assist in locating property.
- If property is thickly wooded, you will be required to clean out the <u>undergrowth</u> to allow the soil evaluation to be performed.
   Inspectors should be able to walk freely around site. DO NOT GRADE PROPERTY.

#### EXISTING TANK INSPECTION

- Follow above instructions for placing flags and sign on property.
- Prepare for inspection by removing soil over outlet end of tank, lift lid straight up (if possible), and then put lid back in place.
   \*Does not apply to septic tank in a mobile home park\*
- DO NOT LEAVE LIDS OFF OF SEPTIC TANK

SEPTIC CHEC	K LIST					
If applying for Au	uthorization	to Construct, please indicate	desired system type(s): Car	n be ranked in orde	er of preference, must choose	one.
X Acce	epted	□ Innovative	☐ Conventional	☐ Any	☐ Alternative	
☐ Othe	er					
The applicant s property in que	hall notify stion. If th	the local health departmer e answer is "yes," applicar	nt upon submittal of this ap nt MUST ATTACH SUPPO	oplication if any o	of the following apply to the	;
YES 🗆	NO 🗓	Does the site contain any	y jurisdictional wetlands?			
YES 🗆	NO X	Do you plan to have an i	rrigation system now or in	the future?		
YES 🗆	NO ₹	Does or will the building	contain any drains? Pleas	e explain:		
YES 🗆	NO X	Are there any existing we	ells, springs, waterlines, or	wastewater sys	tems on this property?	
YES 🗆	NO X	Is any wastewater going	to be generated on the sit	e other than don	nestic sewage?	
YES 🗆	NO ₹	Is the site subject to app	oval by any other Public A	Agency?		
YES 🗆	NO ⅓	Are there any easements	or rights-of-way on this p	roperty?		
YES []	NO ₹	Does the site contain any	existing water, cable, pho	one, or undergro	und electric lines?	
		If yes, please call No Cut	s at 800-632-4949 to loca	te the lines. This	is a free service.	
have read this	application	and certify that the inform	ation provided herein is tru	e complete and	correct. Authorized County	v and
				100	ce with applicable laws and	
understand that	I am solel	y responsible for the prope	r identification and labeling	of all property li	nes and corners and makin	g the
site accessible s	so that a co	omplete site evaluation can	be performed. I understand	d that a \$25.00 re	turn trip fee may be incurre	d for
failure to uncove	er outlet lic	l, mark house corners and	property lines, etc. once lot	is confirmed to	be ready.	
		Pamala M. Car	l dia	5/1:	2/25	
	3	Pamela M Ged Signature of Owner or Owner's	Agent	Date		





## 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: Caviness and Cates
Mailing address: 639 Executive Place Ste. 400 City: Fayetteville State: NC Zip: 28305
Phone: 910-709-9801 Email: pam@cavinessandcates.com
Authorized Onsite Wastewater Evaluator Information:
Name: Mike Eaker  Certification #: 10013E  Certification #: 10013E
= : 10013E : S
Mailing address: PO Box 9321  Phone: 910-822-4540  City: Fayetteville State: NC Zip: 28311  Email: Mike@southeasternsoil.com  Email: Mike@southeasternsoil.com
Site Location Information:
Site address: 369 Hookbill Lane, Lillington, NC 27546
Tax parcel identification number or subdivision lot, block number of property: Ducks Landing Lot 26
0527-52-1283.000 County: Harnett
Wastewater System Type: Accepted (25% Reduction)  Daily Design Flow: 480 qpd  Saprolite System: Yes No Subsurface Operator Required: Yes No Water Supply Type: Private Well Public Water Supply Spring Other:  Facility Type:  Residential 4 # Bedrooms 8 Maximum # of Occupants  Business Type of Business and Basis for Flow:  Public Assembly Type of Public Assembly and Basis for Flow:
Required Attachments:    V   Plat or Site Plan     Evaluation of Soil and Site Features by Licensed Soil Scientist
Attest: On this the 8day of May, 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 8day of May, 2030
Signature of Authorized Onsite Wastewater Evaluator:
Signature of Owner or Legal Representative: Pamela M Geddie
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:

# Southeastern Soil & Environmental Associates, Inc.

P.O. Box 9321
Fayetteville, NC 28311
Phone/Fax (910) 822-4540
Email mike@southeasternsoil.com

May 8, 2025

Ms. Pamela Geddie Caviness & Cates 639 Executive Place, Suite 400 Fayetteville, NC 28305

Re: Soil/site evaluation for subsurface waste disposal (GS 130A-336.2) AOWE, Ducks Landing, Lot 26, PIN 0527-52-1283.000, 369 Hookbill Lane, Lillington, Harnett County, North Carolina

Dear Ms. Geddie,

A soil/site evaluation has been conducted on the aforementioned property at your request. The purpose of the investigation was to determine if soils were suitable or provisionally suitable for a subsurface waste disposal system (conventional, accepted and innovative) to serve a proposed single-family residence (4-bedroom home). All ratings and determinations were made in accordance with "Onsite Wastewater Rules, 15A NCAC 18E". This LSS evaluation is being submitted to meet the requirements of GS 130A-336.2 (AOWE).

The soil evaluation was completed on February 27, 2025. Hand auger borings were advanced under moist soil conditions. The site essentially lies on a linear slope landscape (2-4% slope). Soil borings conducted in most of this area consisted of 6 or more inches of loamy sand underlain by sandy loam, sandy clay loam and/or clay loam to 48 or more inches below the soil surface. Soil wetness and/or parent material (greater than 50%) was not observed shallower than 37 inches below the soil surface (initial system) and 34 inches (repair system). All other soil characteristics were suitable to at least 48 inches.

Based on soil borings and site conditions, the site would be designated suitable for a shallow accepted subsurface waste disposal drainfield (0.40 gal/day/ft2 LTAR; initial system). There is enough suitable soil area to allow for a shallow accepted subsurface septic system repair (0.40 gal/day/ft2). A map showing the approximate location of the site and proposed septic layout accompanies this report. [Note: No grading, rutting or other soil disturbance can occur in or near the proposed septic area. Any grading can alter the findings of this report and render the site unusable. As such, we recommend the builder protect the proposed septic areas with rope, flagging, fencing, etc.]

### Design Summary

- Accepted product (300', see septic layout)
- 480 gal/day flow rate (4BR)
- 22" maximum trench depth (upslope side)
- 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.

OF NORTH CAR

Sincerely,

Mike Eaker

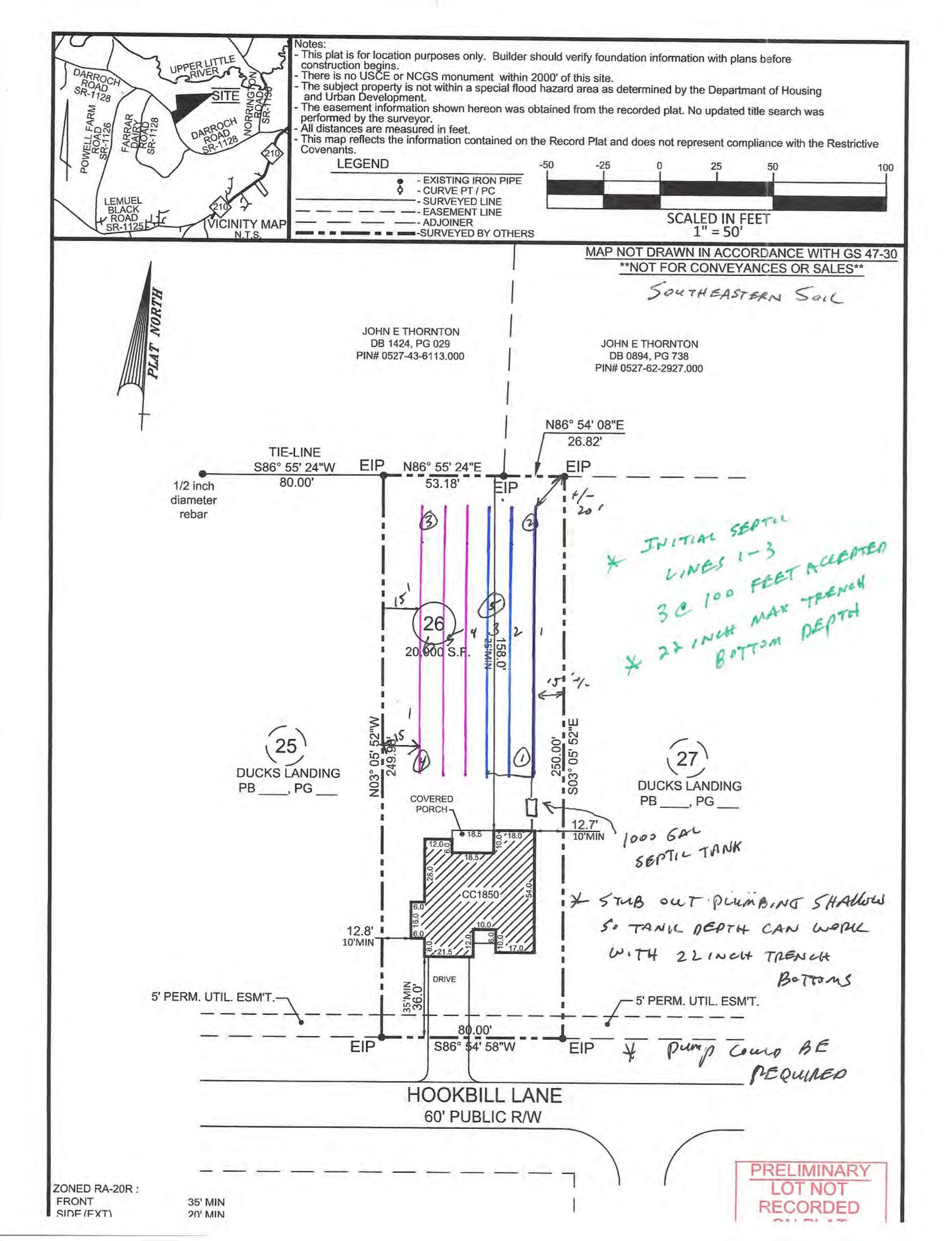
NC Licensed Soil Scientist # 1030

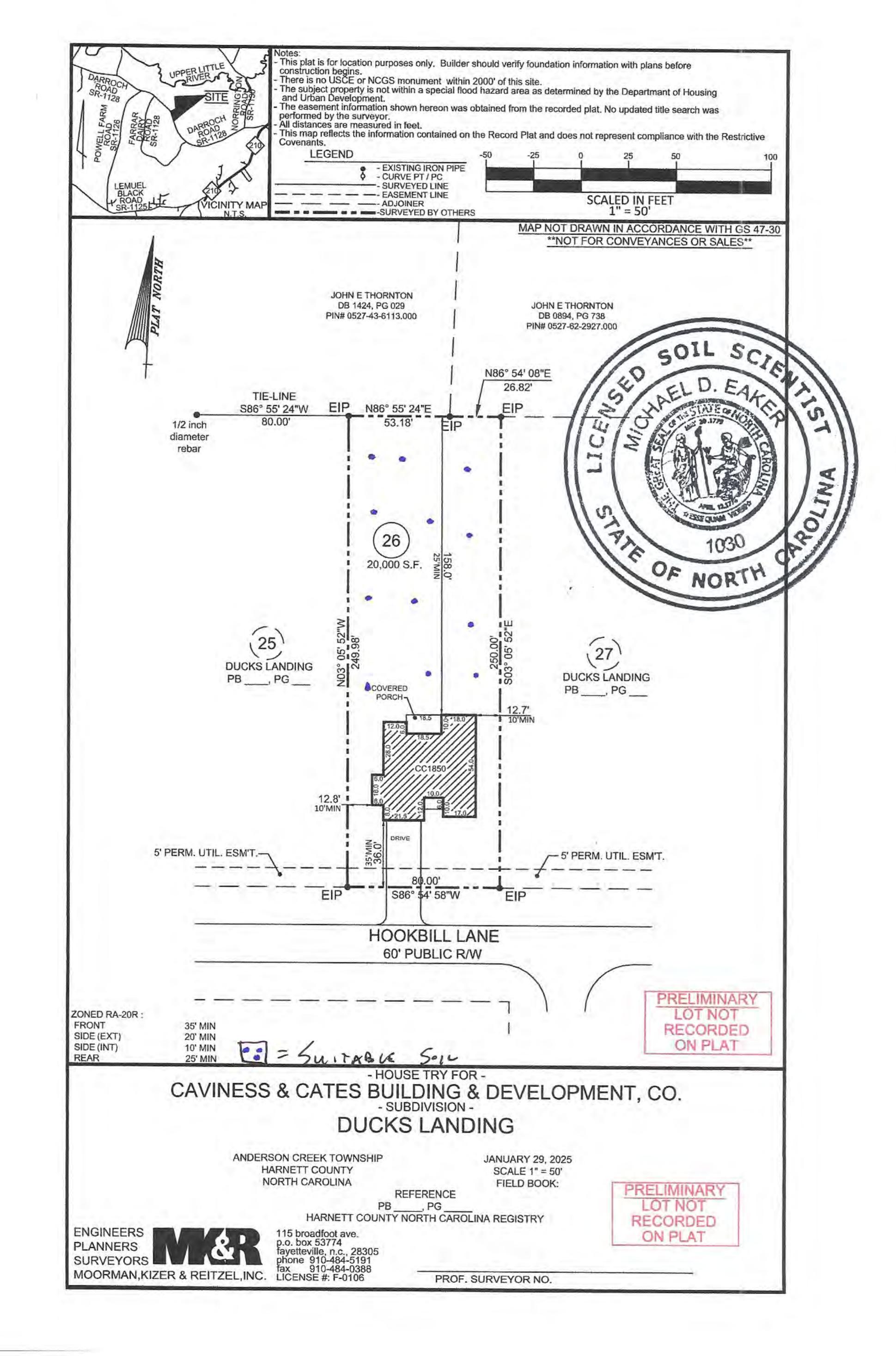
NC Authorized Wastewater Evaluator 10013E

## SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

## PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDI	VISION: Du	cks Landing		LOT 26			
INITIA	L SYSTEM: A	ccepted 25% Reduction		REPAIR: Accepted 25% Reduction			
DISTRI	BUTION: Gra	avity Serial		DISTRIBUTION Gravity Serial			
BENCH	HMARK:	100.0		LOCATION FC 24/25			
NO. BI	EDROOMS:	4		LTAR 0.40 gpd/ft2			
SEPTIC	TANK SIZE	1000 Gallons		PUMP TANK SIZE N/A			
LINE	FLAC	G COLOR	ELEVATION	LENGTH			
1	Υ		101.90	100			
2	W		101.60	100			
3	R		101.40	100			
				300 TOTAL			
4	Υ	4.00	101.40	100			
5	R		101.40	100			
6	0		101.20	100			
				300 TOTAL			
	ike Eaker	, district		0/07/05			
BA M	INO LUNGI			DATE 2/27/25			
	AL PROFILE						
		VFr/Fr/Gr		THERE SHALL BE NO GRADING,			
TYPICA	AL PROFILE	VFr/Fr/Gr Fi/SBk		THERE SHALL BE NO GRADING,  CUTTING, LOGGING OR OTHER SO			
<b>TYPIC</b> / 0-20	LS/SL	0-21 T C 26 T 2		THERE SHALL BE NO GRADING,			
0-20 20-48 CR2	LS/SL SL/SCL 37"	Fi/SBk		THERE SHALL BE NO GRADING,  CUTTING, LOGGING OR OTHER SC  DISTURBANCE IN SEPTIC AREA			
0-20 20-48	LS/SL SL/SCL	0-21 T C 26 T 2		THERE SHALL BE NO GRADING,  CUTTING, LOGGING OR OTHER SC  DISTURBANCE IN SEPTIC AREA  HEALTH DEPARTMENT USE ONLY.  DESIGNS DO NOT GURANTEE FUNCTIONALITY			
0-20 20-48 CR2	LS/SL SL/SCL 37"	Fi/SBk		THERE SHALL BE NO GRADING,  CUTTING, LOGGING OR OTHER SC  DISTURBANCE IN SEPTIC AREA  HEALTH DEPARTMENT USE ONLY.			





### Sheet 1 of 2 ID #: COUNTY: Harnett

### SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Caviness & Cates

ADDRESS: 639 Executive Place, Suite 400, Fayetteville, NC 28305

PROPOSED FACILITY: SFD

PROPOSED DESIGN FLOW (.1949): 480 GPD (4BR)

LOCATION OF SITE:

Hookbill Lane, Lillington, NC (Lot 26) Ducks Landing

APPLICATION DATE DATE EVALUATED:02/27/25 PROPERTY SIZE: 0.459 Ac

PROPERTY RECORDED WATER SUPPLY: Private X Public Well ☐ Spring ☐ Other \_\_\_\_

P R O F I L	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				
#			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPR O CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
	LS 1-2%	0-6	LS/Gr	VFr/Nexp	37"	NA	NA	NA	Suitable
		6-30	LS/Gr	VFr/NExp	10YR 7/3				0.40
1		30-37	SL/wf sbk	Fr/SExp	10YR 5/8				
		37-48	SCL/wf sbk	Fi, SExp	10YR 6/8 2.5YR 4/8 10YR 7/1 mot				
	LS 1-2%	0-7	LS/Gr	VFr/Nexp	44" 10YR 7/3 10YR 6/8	NA	NA	NA	Suitable 0.40
		7-29	LS/Gr	VFr/Nexp					
2		29-44	SL/wf sbk	Fr/SExp					
		44-48	SCL/wf sbk	Fi/SExp	10YR 6/8 10YR 7/1 mot				
	LS 1-2%	0-8	LS/Gr	VFr/Nexp	>48"	NA 1	NA	NA	Suitable 0.40
		8-24	LS/Gr	VFr/NExp	10YR 7/3				
3		24-44	SL/SCL/mm sbk	Fi/SExp	10YR 6/8				
		44-48	SCL/wfsbk	Fi, SExp	10YR 6/8 10YR 7/1 mot				
	LS 1-2%	0-5	LS/Gr	Fr/Nexp	34"		NA	NA	Suitable
		5-20	LS/Gr	VFr/Nexp	10YR 6/4	NA			0.40
4		20-34	SCL/mm sbk	Fi/SExp	10YR 6/8				
		34-44	SCL/wf sbk	Fi/SExp	10YR 6/8 10YR 7/1 mot				
		44-48	SCL/wf sbk	Fi/SExp	10 TR 7/1 mot 10 YR 7/1				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946):
Available Space (.1945)	Yes	Yes	SITE CLASSIFICATION (.1948): Suitable
System Type(s)	Accepted	Accepted	EVALUATED BY: M. Eaker OTHER(S) PRESENT: D. Eaker
Site LTAR	0.40	0.40	

## SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: Ducks Landing Lot 26
DATE OF EVALUATION: 02/27/25

COUNTY: Harnett

P R O F	.1940 LANDSCAPE POSITION/ SLOPE %		SOIL MORPHOLOGY (.1941)		OTHER PROFILE				
I L E		HORIZ ON DEPTH (IN.)	.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
	LS 1-2%	0-6	LS/Gr	VFr/NExp	37"	NA	NA	NA	Suitable
_		6-26	SL/wf sbk	Fr/SExp	10YR 5/6				0.40
5		26-37	SCL/mm sbk	Fi/SExp	10YR 5/8				
		37-48	SCL/wf sbk	Fi/SExp	10YR 6/8				
		37-48	SL/mass	Fr/SExp	2.5YR 4/8 10YR 7/1				
6									
				**************************************					
					1				
7									
			, , , , , , , , , , , , , , , , , , ,						
-									





# 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: BSIclaims@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.					

ITEM 4	COVERAGE INCLUDED	AS OF THE INCEPTION DATE IN ITEM 2:				
	Design Professionals Lia	bility Coverage				
TEM 5						
	PROFESSIONAL LIABI	LITY COVERAGE LIMITS				
	Professional Services a Network and Information Security Offenses	n				
	Coverage Limits:	\$2,000,000 for each Claim; not to exceed \$2,000,000 for all Claims				
	Deductible:	\$2,500 each Claim \$7,500 all Claims				
	Retroactive Date: July 27, 2005					
	Knowledge Date: May 1	, 2024				
ITEM 6	ADDITIONAL BENEFITS LIMITS:					
	Crisis Event					
	Expenses Limits:	\$10,000 for each Crisis Event \$30,000 for all Crisis Events				
	Disciplinary or Regulatory Proceeding					
	Expenses Limits:	\$25,000 for each Disciplinary or Regulatory Proceeding \$50,000 for all Disciplinary or Regulatory Proceedings				
TEM 7	PREMIUM FOR THE POLICY PERIOD: \$8,423.00 Policy Premium					
TEM 8	OPTIONAL EXTENDED REPORTING PERIODS:					
	Additional Premium Perce	entage: Additional Months:				
	125% 185%	12 24				
		74				
	200% 240%	36				