Permit/File #:	



**ROY COOPER • Governor** 

KODY H. KINSLEY • Secretary

MARK BENTON • Chief Deputy Secretary for Health

**SUSAN KANSAGRA** • Assistant Secretary for Public Health

Division of Public Health

Submittal Includes:	(a2) Improvement Permit	(a2) Construction Authoriz	ation Fee \$	
	IMPROVEN	MENT PERMIT FOR G.S. 130	A-335(a2)	
County:				
PIN/Lot Identifier:				
Issued To:				
Property Location:				
Subdivision (if applicat	ole)	Lot #:	Block:	Section:
LSS Report Provided: '	Yes No No			
If yes, name and licens	se number of LSS:			
New 🗌	Expansion $\square$	System Relocation	Change of Use	e 🗌
Facility Type:				
Number of bedrooms:	Number of Occupants: _	Other:		
Design Wastewater St	rength: Domestic	High Strength	Industrial Process Wastewater	-
Proposed Design Daily	Flow: GPD	Proposed LTAR (Initial):	Proposed LTAR (Repair):	
Proposed Wastewater	System Type*:	(Initial) Pu	ımp Required: 🗌 Yes 📗 No	May be required
Proposed Wastewater	System Type*:	(Repair) Pu	mp Required: 🗌 Yes 🔲 No	May be required
*Please include system	n classification for proposed waste	water system types in accordance w	ith Rule .1301 Table XXXII	
Effluent Standard:	DSE HSE NSF/ANSI 4	0 TS-I TS-II RCW		
Saprolite System (Initia	al): 🗌 Yes 🔲 No Saproli	te System (Repair): 🗌 Yes 🔲 No		
Fill System (Initial):	Yes No If yes, specify: N	ew Existing (when adding more	e than 6 inches of fill to system	n area provide a fill plan)
Fill System (Repair):	Yes No If yes, specify: No	New Existing (when adding mor	re than 6 inches of fill to system	m area provide a fill plan)
Usable Depth to LC (In	itial) <sup>x</sup> :	Usable Depth to LC (Repair)x:	× Limiting Co	ondition
Max. Trench Depth (In	itial)‡: Max. T	rench Depth (Repair)‡:	<sup>‡</sup> Measured on the dow	nhill side of the trench
Artificial Drainage Req	uired: Yes No If yes, plea	ase specify details:		
Type of Water Supply:	Private well Public well	Shared well Municipal St	upply Spring Oth	er:
Drainfield location me	ets requirements of Rule .0508: Y	es No Drainfield location	meets requirements of Rule .	0601: Yes No No
Permit valid for: Fig	ve years [site plan submitted purs	uant to GS 130A-334(13a)] 🔲 No e	xpiration [plat submitted purs	uant to GS 130A-334(7a)
Permit conditions:				
Licensed Soil Scientist				
Licensed Soil Scientist	Signature: XLLX	amp	Date:	

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2). \*See attached site sketch\*



Permit/File #:
----------------

## This Section for Local Health Department Use Only

initiai submittai received:		Dy	
	Date	Initials	
G.S. 130A-335(a3) states the following:			
When an applicant for an Improvement Permit submits to a local health departm department, the common form developed by the Department, and a soil evaluat within five business days of receiving the application, conduct a completeness re Permit includes all of the required components. If the local health department deshall notify the applicant of the components needed to complete the Improvement department to cure the deficiencies in the Improvement Permit. The local health is complete within five business days after the local health department receives that act within any period set out in this subsection, the applicant may treat the failus common form for use as the Improvement Permit.	tion pursuant to surview of the submi etermines that the ent Permit. The app department shall the additional info	bsection (a2) of this section, the local health a ttal. A determination of completeness means t Improvement Permit is incomplete, the local h blicant may submit additional information to to make a final determination as to whether the rmation from the applicant. If the local health	epartment shall, hat the Improvement nealth department he local health Improvement Permit department fails to
The review for completeness of this Improvement Permit was co Permit is determined to be:	onducted in ac	cordance with G.S. 130A-335(a3). Th	is Improvement
☐ 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:	Dute	Date:	
☐ Complete			
State Authorized Agent:		Date:	
This Improvement Permit is issued pursuant to G.S. 130A-335 (attached here. The issuance of this permit in no way guarante for checking with appropriate governing bodies in meeting the plat, or the intended use changes. The Improvement Permit she permit is subject to compliance with the provisions of 15A NCA. The Department, the Department's authorized agents, and the any liabilities, duties, and responsibilities imposed by statute devaluations, submittals, or actions from a licensed soil scientist	es the issuance ir requirement all not be affect to the local health do not in common	e of other permits. The permit holde ts. This permit is subject to revocation ected by a change in ownership of the the conditions of this permit. epartments shall be discharged and aw from any claim arising out of or	er is responsible on if the site plan, e site. This released from attributed to
Improvement Permit Expiration Date:			

\*See attached site sketch\*



Permit/File #:
----------------

# **Re-submittal of Improvement Permit**

	LHD USE ONLY: This IP resubmit	tal received:	Date	by	-
Γhe following it	tems are being resubmitted pursuant t				t:
		UE SIAI	F	<i>D</i>	
s accurate and	hoscientist (Print Name) complete to the best of my knowledge laws, regulations, rules, and ordinance	ge and that the propo		equired to be included wi nent Permit meets all app	
Signatur	re of Licensed Soil Scientist			Date	
The review for o	The section below is for Local Health up Completeness Review of Im completeness of this Improvement Peremit is determined to be: et (If box is checked, information in this	provement Permi	t		
	ems are missing:	QUAM \	VIDER!		
	vere sent to the LSS and the Applicant	Date		Date:	
☐ Complete	d Agent:			Date:	



Permit/File #:	
----------------	--

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

County:			Pre-Construction Conference Required: Yes No
PIN/Lot Identifie	er:		
Issued To:			
Property Location	on:		
AOWE/PE Plans,	/Evaluations Provide	ed: Yes 🔲 No 🗀	If yes, name and license number of AOWE/PE:
Facility Type:			
Number of bedr	rooms: Nur	nber of Occupants	s: 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 Wastew	vater System*		(Initial)(Repai
*Please include	system classification	for proposed was	stewater system types in accordance with Rule .1301 Table XXXII
Design Daily Flo	w:	_GPD W	Vastewater Strength: Domestic High Strength Industrial Process WW
	14-120 Section 53, E Crovide engineering d		Utilizing Low-flow Fixtures and Low-flow Technologies?
Effluent Standar	rd: DSE H	ISE NSF/ANS	SI 40 TS-I TS-II RCW
Type of Water S	Supply: 🔲 Private w	ell 🔲 Public we	ell 🗌 Shared well 🔲 Municipal Supply 🔲 Spring 🔲 Other:
Installation Req	uirements/Condition	ons .	
Septic Tank Size	: gallon	s Total Trench/i	Bed Length: feet Trench/Bed Spacing: feet on center
Trench/Bed Wid	dth: inches	S LTAR:	gpd/ft <sup>2</sup> Usable Depth to LC (Initial) <sup>x</sup> : <sup>x</sup> Limiting condition
Soil Cover:	inches Slope (	Corrected Maximu	um Trench/Bed Depth‡: inches # Measured on the downhill side of the trench
Pump Tank Size	(if applicable):	gallons	Requires more than 1 pump?
Pump Requirem	nents: ft. TDI	l vs GPM	Grease Trap Size (if applicable): gallons
Distribution Me	thod: Serial	D-Box or Paralle	el Pressure Manifold(s) LPP Other:
Artificial Drainag	ge Required: Yes	No ☐ If yes, p	please specify details:
Legal Agreemen	nts (If the answer is '	'Yes" to any type o	of legal agreements, please attach a copy of the agreement.)
Multi-party Agre	eement Required [.0	204(g)]: Yes	☐ No Declaration of Restrictive Covenants: ☐ Yes ☐ No
Easement, Right	t-of-Way, or Encroac	hment Agreement	t Required [.0301(b)]: Yes No
Management Er	ntity Required: 🔲 Y	es No Minir	mum O&M Requirements:
Permit condit	ions:		
The requiremen	nts of 15A NCAC 18E	are incorporated	by reference into this permit and shall be met. Systems shall be installed in accordance
			horization is subject to revocation if the site plan, plat, or the intended use changes. The a change in ownership of the site. This Construction Authorization is subject to compliance
			8A .1900, as applicable, and to the conditions of this permit.
AOWE/PE Print	Name:		
AOWE/PE Signat	V() a	Maamo	Date:
. •			

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

\*See attached site sketch\*



Permit/File #:	
Permit/File #:	

# This Section for Local Health Department Use Only

	Initial submittal received:		by
		Date	Initials
G.S. 130A-335(a5) states the follow	ving:		
Improvement Permit and Construction Aution Pepartment, and any necessary signed and engineer or a person certified pursuant to Adepartment shall, within five business days the Construction Authorization or Improved determines that the Construction Authorization at the components needed to contraditional information to the local health apartment Authorization. The local health department fails to act within five busing department fails to act within any period supply for the building permit for the project Authorization by the local health department fields and the supply for the building permit for the project Authorization by the local health department fields and the supplement for the project Authorization or Improvement Permit and Authorization or Improvement Permit and the supplement for the project Authorization or Improvement Permit and the supplement Permit Pe	norization application together, the per l sealed plans or evaluations conducted Article 5 of Chapter 90A of the General of receiving the application, conduct a ment Permit and Construction Authorization or Improvement Permit and Const applete the Construction Authorization of the shall make a final determination as to tess days after the local health department at upon the decision of completeness of an or if the local health department fail on pursuant to this subsection may requictions. Let a suspend or revoke the Construction Authorization for cause. Let	rmit fee charged by the and by a person licensed put Statutes as an Authorized completeness review of ation includes all of the truction Authorization is or Improvement Permit of the Construction Authorization the Construction Authorization and treat the failure to the Construction Authorials to act within five busing est that the local health Upon written request of authorization or Improver	reation together, submits a Construction Authorization, or an allocal health department, the common form developed by the arsuant to Chapter 89C of the General Statutes as a licensed and On-Site Wastewater Evaluator, the local health of the submittal. A determination of completeness means that required components. If the local health department incomplete, the local health department shall notify the and Construction Authorization. The applicant may submit reation or Improvement Permit and Construction on Authorization or Improvement Permit and Construction and information from the applicant. If the local health act as a determination of completeness. The applicant may rization or Improvement Permit and Construction are so a determination of completeness. The applicant may rization or Improvement Permit and Construction are so department revoke or suspend the Construction the Authorized On-Site Wastewater Evaluator or licensed ment Permit and Construction Authorization pursuant to G.S.
The review for completeness of th	is Construction Authorization v	vas conducted in ac	ccordance with G.S. 130A-335(a5). This
Construction Authorization is dete	rmined to be:		
☐ Incomplete (If box is checked,	information in this section is re	equired.)	
The following items are missing: _	18 3 18	4	
Copies of this were sent to the AO	WE/PE and the Applicant on	10	
· ///		Date	
State Authorized Agent:		_//	Date:
7//	The Contraction of the Contracti		
Complete			
State Authorized Agent:	M XV	12.1	Date of Issuance:
attached here. This Construction of Construction Authorization shall in to compliance with the provisions. The Department, the Department any liabilities, duties, and responsibles, evaluations, preconstructions the General Statutes as a licensed Authorized On-Site Wastewater E	Authorization is subject to revenot be affected by a change in sof the Laws and Rules for Sevel's authorized agents, and the sibilities imposed by statute or conference findings, submit lengineer or a person certified valuator in GS 130A-335(a2), (	ocation if the site p ownership of the s vage Treatment an local health depart in common law fro tals, or actions from pursuant to Articl a5), and (a7). The l	sing the signed and sealed plans or evaluations plan, plat, or the intended use changes. The ite. This Construction Authorization is subject d Disposal and to the conditions of this permit.  ments shall be discharged and released from om any claim arising out of or attributed to m a person licensed pursuant to Chapter 89C of e 5 of Chapter 90A of the General Statutes as an Department, the Department's authorized their actions and evaluations and other
obligations under State law or rul			
Construction Authorization Expira	tion Date:		

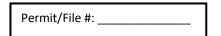
\*See attached site sketch\*



Permit/File #:
----------------

## **Re-submittal of Construction Authorization**

	LHD USE ONLY: Thi	is CA resubmittal received: _	Date	by	-	
The following items are being resubmitted pursuant to G.S. 130A-335(a5) for issuance of the Construction Authorization:						
		S	ATT	<i>St.</i>		
I,		hereby attest th	nat the information r	equired to be included wit	th this re-submittal	
is accurate and		Print Name)  f my knowledge and that the ns, rules, and ordinances.				
Signatui	re of Authorized On-Site Wast	ewater Evaluator	4	Date		
		for Local Health Department u	160	tems noted as missing above		
LHD Follow-	up Completeness Re	eview of Construction A	Authorization			
	completeness of this Co on Authorization is dete	nstruction Authorization re- rmined to be:	-submittal was cond	ucted in accordance with (	G.S. 130A-335(a5).	
☐ Incomplete	(If box is checked, infor	mation in this section is requ	uired.)			
The following it	ems are missing:					
		SE QUA	W AIDER	4		
Copies of this w	vere sent to the AOWE/	PE and the Applicant on	Date	_		
State Authorize	d Agent:			Date:		
☐ Complete						
State Authorize	ed Agent:			Date:		





#### ADDENDUM TO G.S. 130A-335(a2) SUBMITTAL

County:	
PIN/Lot Identifier:	
Issued To:	
Additional Improvement Permit Conditions:	
E STATE	
6 N N N N N N N N N N N N N N N N N N N	
Net lend state to the second s	
Additional Construction Authorization Conditions:	
1PRII 12 1776	
White The state of	
QUAM VI	

#### Adams Soil Consulting, PLLC 1676 Mitchell Road Angier, NC 27501 919-414-6761

alexadams@bcsoil.com

May 29, 2025 Project #2151

"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)."

"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)"

RE: 21 Green Links Drive – Cameron, NC (Harnett County) -Lot #3 – Carolina Season Phase 3 for Glenwood Homes, LLC (PIN# 9557-90-2027)

To whom it may concern:

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules, State Subsurface Rules, 15ANCAC 18E. From this evaluation, ASC is providing the attached 4-bedroom (480 gallon/day) septic design.

The suitable soils found on the subject property were relatively consistent in the initial and repair areas. The area designated for the initial/primary septic system (see attached septic plan) was found to contain soils with greater than 24 inches in depth before a restrictive horizon was encountered.

Please find the attached wastewater soil/site evaluation forms for specific soil properties found in the initial and repair areas as well as assigned soil long term acceptance rate (LTAR). Numerous soil borings were made throughout the property and representative soil profile descriptions for the primary septic field and repair area are provided. A location sketch for profile descriptions is also attached. The initial and primary septic fields were sized based on a flow rate of 480 gallons/day and utilizing an Accepted Status or PPBPS system. Any unauthorized site disturbance, filling, soil removal, or layout changes may result in the permit being revoked.

The septic installer contractor shall install the primary and repair (if needed) system on contour, see attached site plan for the primary system and repair locations. No underground utilities, water lines, or sprinkler systems shall be placed into the initial or repair septic areas. Installation must meet all state and local county regulations for septic system installation. The trenches must be installed in the same location as the site plan. If the installation is in question at the time of installation call me (Alex Adams) at 919-414-6761.

This report discusses the location of provisionally suitable soils identified on the property and does not guarantee the future function of any waste water disposal system installed.

If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me anytime.

Sincerely,

Alex Adams

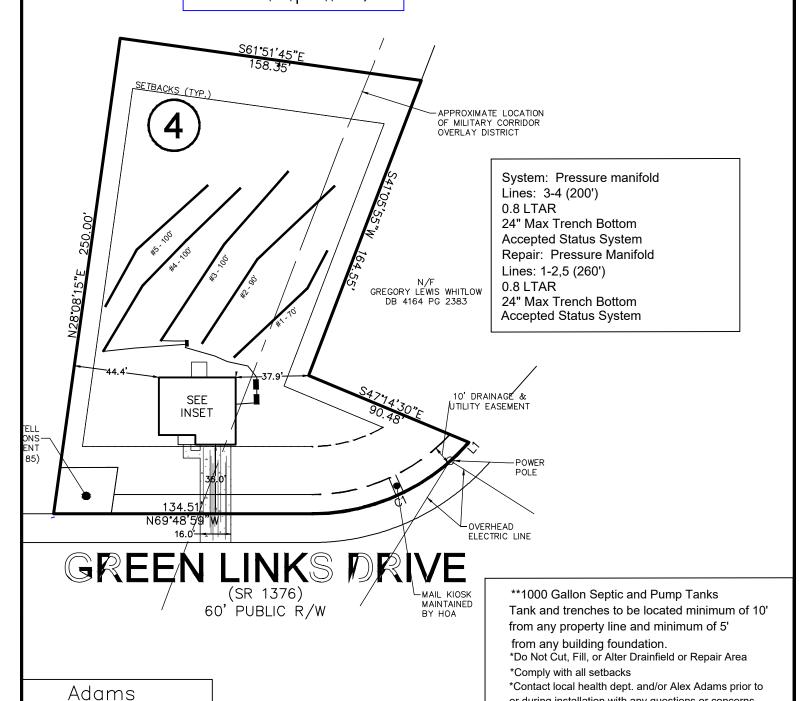
NC Licensed Soil Scientist #1247 AOWE Certification: 10021E





Lot #4 - Carolina Seasons Phase 3 4-Bedroom Septic Design 21 Green Links Drive Glenwood Homes, LLC Harnett County PIN: 9557-90-2027

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



GRAPHIC SCALE

1" = 50'

50

100

or during installation with any questions or concerns.

Soil Consulting 919-414-6761 Job #2151 5-27-25

#### **RESIDENTIAL PRESSURE MANIFOLD DESIGN**

Permit # Carolina Seasons Phase 3 - Lot #4

21 Green Links Drive

# of BDR: 4 Daily Flow: 480 gal/day L.T.A.R.: 0.8000 gal/day/sq.ft

Septic Tank: 1000 gals Pump Tank: 1000 gals Sq. Foot: 600 System Type: Accepted

Number of Taps: <u>2</u> Length of Trenches: <u>200</u> ft(See Tap Chart for Details)

Depth of Trenches: <u>24</u> in Manifold Length: <u>30</u> in

Manifold Diameter: 4in sch 80pvc Tap Configuration: 6 in spacing 1 side(s) of manifold

Supply Line: length: 75 ft Diameter: 2 in sch 40pvc

Friction Loss + Fitting Loss:  $\underline{1.46}$  ft(supply line length + 70' for fittings in pump tank)

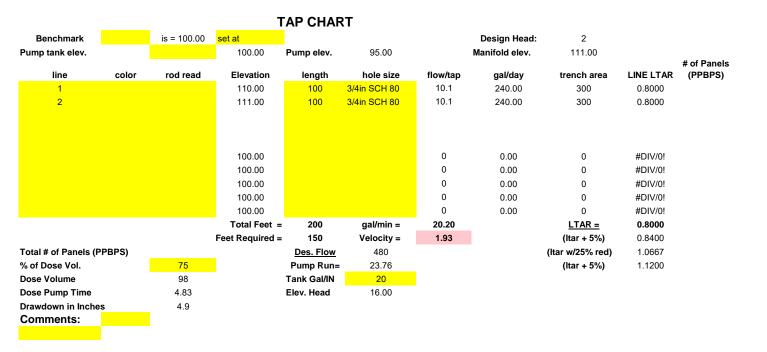
Design Head: <u>2</u> ft Elevation Head: <u>16.00</u> ft

Total Head: 19.46 ft Pump to Deliver: 20.20 gals/min at 19.46 ft head

Dosing Volume: 98 gals,

Drawdown: 98 gals divided by 20 gals/in = 4.9 inches

Simplex Control Panel required; elapsed time meter and cycle counter required; Floats to be determined by type of pump tank used. A septic tank filter is required.



Adams Soil Consulting, PLLC 1676 Mitchell Road Angier, NC 27501

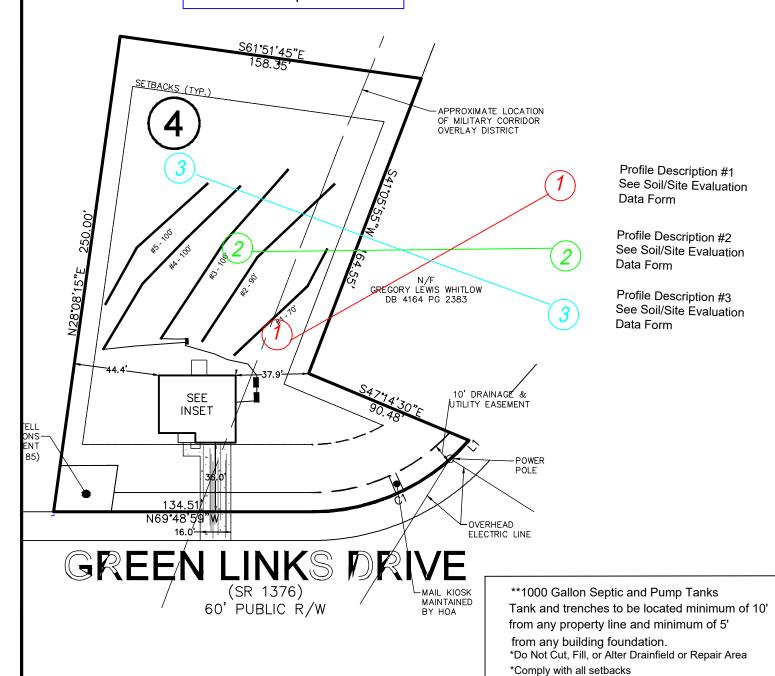
Page <u>1</u> of 1 PROPERTY ID #: 9557-90-2027 COUNTY: Harnett

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

ADDRESS: 21 Green Links Drive – Cameron, NC PROPOSED FACILITY: SFH PROPOSED DESIGN FLLOW (.0400): 360 gpd PROPERTY PROPERTY RECORDS	RTY SIZE: ~0.59 ac		
LOCATION OF SITE: _21 Green Links Drive – Cameron, NCPROPERTY RECORDI	PROPERTY SIZE: ~0.59 a PROPERTY RECORDED:		
WATER SUPPLY: X Public Single Family Well Shared Well Spring Other WATER SUPPLY SETE	SUPPLY: X Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK:		
EVALUATION METHOD: $\underline{X}\Box$ Auger Boring $\Box$ Pit $\Box$ Cut TYPE OF WASTEWATER: $\underline{X}$ Domestic $\Box$ High Stre	ength   IPWW		
SOIL MORPHOLOGY OTHER PROFILE FACTORS			
E LANDSCAPE HORIZON .0503 .0503 SOIL .0505 .0506 .0507 PRO # POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR CI SLOPE % (IN.) TEXTURE MINERALOGY COLOR DEPTH CLASS HORIZ & L	.0509 .0502(d) OFILE SLOPE PLASS CORRE LTAR* CTION		
L/6% 0-48 Gr/LS VFR, NS,NP N/A 48" N/A N/A S/0	0.8 4"		
1 10-40 SBK/CL FI/SEXP,S			
L/6% 0-48 Gr/LS VFR, NS,NP N/A 48" N/A N/A S/0	0.8 4"		
L/6% 0-48 Gr/LS VFR, NS,NP N/A 48" N/A N/A S/0	0.8 4"		
3			
4			
DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM			
Available Space (.0508) S S SITE CLASSIFICATION (.0509):			
System Type(s) III(b) EVALUATED BY:			
Maximum Trench Depth 24 24 Comments:			

Lot #4 - Carolina Seasons Phase 3
Soil Boring Locations
21 Green Links Drive
Glenwood Homes, LLC
Harnett County PIN: 9557-90-2027

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



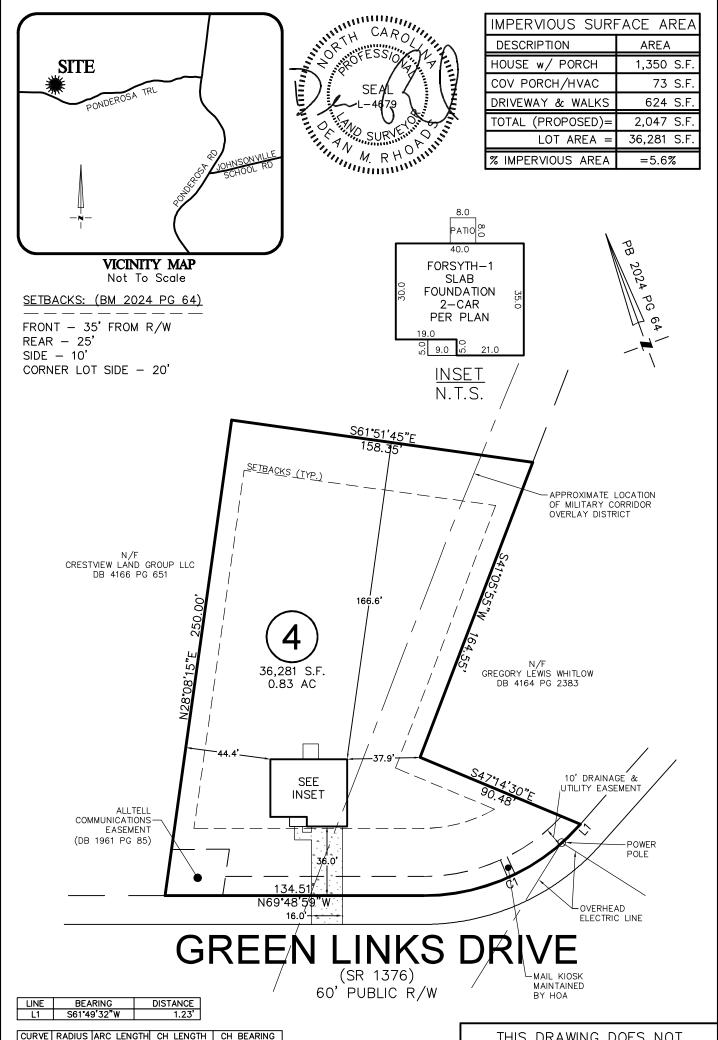
Adams
Soil Consulting
919-414-6761
Job #2151
5-27-25

GRAPHIC SCALE 1" = 50'

\*Contact local health dept. and/or Alex Adams prior to

or during installation with any questions or concerns.

100



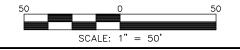
 CURVE
 RADIUS
 ARC
 LENGTH
 CH
 LENGTH
 CH
 BEARING

 C1
 108.21'
 91.37'
 88.68'
 N86°00'17"E

THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED

THIS DRAWING DOES NOT REFLECT AS-BUILT INFORMATION

PRELIMINARY PLAT NOT FOR RECORDATION, CONVEYANCES, OR SALES.



# RESIDENTIAL LAND SERVICES, PLLC.

1917 Evans Road Cary, North Carolina 27513 Phone (919) 378—9316 Firm License # P—0873

# HOUSE LOCATION PLOT PLAN

FOR #21 GREEN LINKS DRIVE

LOT 4, CAROLINA SEASONS, PHASE 3

Johnsonville Township, Harnett County, North Carolina

PROPERTY OF: GLENWOOD HOMES

MAP BOOK 2024 PAGE 64 DEED REFERENCE

DRAWN: ADP SURVEYED: N/A CHECKED:

CHECKED: DMR DATE: MAY 12, 2025