Permit #:	



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:	(a2) Improvement Permit	(a2) Construction Authoriz	ation Fee \$	
	IMPROVEN	MENT PERMIT FOR G.S. 130	A-335(a2)	
County:				
Issued To:				
Subdivision (if applicab	ole)	Lot #:	Block:	Section:
LSS Report Provided: \	res No No			
If yes, name and licens	e number of LSS:			
New 🗌	Expansion	System Relocation	Change of L	Jse 🗌
Proposed Structure:				
Number of bedrooms:	Number of Occupants: _	Other:		
Design Wastewater Str	rength: domestic	high strength	industrial process	
Proposed Design Daily	Flow: GPD	Proposed LTAR (Initial):	Proposed LTAR (Repai	r):
Proposed Wastewater	System Type*:	(Initial) Pu	ımp Required: 🗌 Yes 🔲 I	No May be required
Proposed Wastewater	System Type*:	(Repair) Pu	mp Required: Yes I	No May be required
*Please include system	classification for proposed waste	water system types in accordance w	ith 15A NCAC 18A .1961 Tab	le V(a)
Saprolite System (initia	al): 🗌 Yes 🔲 No Saproli	te System (repair): 🗌 Yes 🔲 No		
Fill System (Initial):	Yes No If yes, specify: No	ew Existing (when adding more	e than 6 inches of fill to systo	em area provide a fill plan)
Fill System (repair):	Yes No If yes, specify: N	ew Existing (when adding mor	e than 6 inches of fill to syst	em area provide a fill plan)
Usable Soil Depth (Initi	ial): Usable	Soil Depth (Repair):		
Max. Trench Depth (In	itial)‡: Max. Tı	rench Depth (Repair)‡:	[‡] Measured on the do	ownhill side of the trench
Artificial Drainage Requ	uired: 🗌 Yes 🔲 No If yes, plea	se specify details:		
Type of Water Supply:	Private well Public well	Shared well Municipal S	upply Spring O	ther:
Drainfield location med	ets requirements of Rule .1945: Ye	es No Drainfield location	meets requirements of Rule	e .1950: Yes 🔲 No 🔲
Permit valid for: Tiv	ve years [site plan submitted pursu	uant to GS 130A-334(13a)] 🔲 No e	xpiration [plat submitted pu	rsuant to GS 130A-334(7a)
Permit conditions:				
Licensed Soil Scientist				
Licensed Soil Scientist	Signature: XLLX ADD	vmo	Date:	

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



Permit #:	
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This Section for Local Health Department Use Only

	Initial submittal received:		by	
		Date	Initials	
G.S. 130A-335(a3) states the follow	ving:			
When an applicant for an Improvement Pedepartment, the common form developed within five business days of receiving the appearant includes all of the required component department to cure the deficiencies in the list is complete within five business days after act within any period set out in this subsect common form for use as the Improvement	by the Department, and a soil evaluation plication, conduct a completeness revents. If the local health department de some seed to complete the Improvement may over the local health of the local health department receives the local health department the failur	on pursuant to su view of the submin termines that the nt Permit. The app department shall he additional info	bsection (a2) of this section, tal. A determination of com Improvement Permit is inco Vilicant may submit additiona make a final determination o rmation from the applicant.	the local health department shall, oleteness means that the Improvemen mplete, the local health department I information to the local health as to whether the Improvement Permit fithe local health department fails to
The review for completeness of th Permit is determined to be:	is Improvement Permit was co	nducted in ac	cordance with G.S. 130	A-335(a3). This Improvement
☐ Incomplete (If box is checked,	information in this section is r	equired.)		
The following items are missing:	5/6		198	N.
Copies of this were sent to the LSS		VZ 2	433	
		Date		
State Authorized Agent:	1 1 2 1 2		Dat	e:
☐ Complete	1 95//8			2 1/2
State Authorized Agent:		-1/-3	Dat	e:
This Improvement Permit is issue attached here. The issuance of the permit holder is responsible for coto revocation if the site plan, plat ownership of the site. This permit Disposal and to the conditions of The Department, the Department any liabilities, duties, and response valuations, submittals, or action	his permit by the Health Depar hecking with appropriate gove , or the intended use changes t is subject to compliance with this permit. I's authorized agents, and the sibilities imposed by statute o	ertment in no verning bodies The Improventhe provision local health derin common le	vay guarantees the issi in meeting their requi ement Permit shall not ns of the Laws and Rul epartments shall be di aw from any claim aris	uance of other permits. The rements. This permit is subject be affected by a change in es for Sewage Treatment and ischarged and released from sing out of or attributed to
Improvement Permit Expiration C	Pate:			

See attached site sketch



Permit #:

Re-submittal of Improvement Permit

_				
	LHD USE ONLY: This IP resubmittal received:		by	
	EIID OSE ONET. This if Tesubhilittal Teceiveu.	Date	Initials	
The following it	ems are being resubmitted pursuant to G.S. 130A-33	35(a3) for issuance of	of the Improvement Permit:	
	CT	ATT	3	
	A THE STI	THE OF		
	cientist (Print Name)		equired to be included with	
	complete to the best of my knowledge and that the laws, regulations, rules, and ordinances.	proposed Improver	nent Permit meets all applic	able federal,
Signature	e of Licensed Soil Scientist		Date	
	The section below is for Local Health Department use	e after submittal of it	ems noted as missing above.	
LHD Follow-u	p Completeness Review of Improvement F	Permit		
	ompleteness of this Improvement Permit re-submit ermit is determined to be:	tal was conducted i	n accordance with G.S. 130A	ı-335(a3). This
☐ Incomplete	(If box is checked, information in this section is requ	uired.)		
The following ite	ems are missing:			
Copies of this we	ere sent to the LSS and the Applicant on			
State Authorized	d Agent:		Date:	
☐ Complete				
State Authorized	d Agent:		Date:	



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

County:
PIN/Lot Identifier:
Issued To:
Property Location:
AOWE/PE Plans/Evaluations Provided: Yes 🔲 No 🔲 If yes, name and license number of AOWE/PE:
Facility Type:
☐ New ☐ Expansion ☐ Repair ☐ System Relocation ☐ Change of Use
Basement? Yes No Basement Fixtures? Yes No
Type of Wastewater System*(Initial)(Repa
*Please include system classification for proposed wastewater system types in accordance with 15A NCAC 18A .1961 Table V(a)
Design Daily Flow: GPD Wastewater Strength: _ domestic _ high strength _ industrial process
Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies?
Installation Requirements/Conditions
Septic Tank Size: gallons Total Trench/Bed Length: feet Trench/Bed Spacing: feet on center
Trench/Bed Width: inches LTAR: gpd/ft ²
Soil Cover: inches Slope Corrected Maximum Trench/Bed Depth [‡] : inches [‡] Measured on the downhill side of the trench
Aggregate Depth:inches above pipeinches below pipeinches 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): 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 No
Conditions:
All Across
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: Expiration Date:
AOWE/PE Signature: 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 #:

This Section for Local Health Department Use Only

Initial submittal received: ______ by _____

	Date	Initials
G.S. 130A-335(a5) states the following:		
When an applicant for a Construction Authorization, or an Improvement Permit improvement Permit and Construction Authorization application together, the proper them, and any necessary signed and sealed plans or evaluations conducted in the proper or a person certified pursuant to Article 5 of Chapter 90A of the Gener department shall, within five business days of receiving the application, conduction has been according to the construction of Improvement Permit and Construction Authorization or Improvement Permit and Complete that the Construction Authorization or Improvement Permit and Complicant of the components needed to complete the Construction Authorization additional information to the local health department to cure the deficiencies in Authorization. The local health department shall make a final determination as Authorization is complete within five business days after the local health department fails to act within any period set out in this subsection, the application apply for the building permit for the project upon the decision of completeness Authorization by the local health department or if the local health department incensed engineer submitting the evaluation pursuant to this subsection may really the local health department and Construction Authorization for cause and the local health department shall suspend or revoke the Construction (130A-23. The Department shall develop a common form for use as the Construction (130A-23. The Department shall develop a common form for use as the Construction (130A-23.).	permit fee charged by to ted by a person licensed ral Statutes as an Authoct a completeness review orization includes all of to onstruction Authorization or Improvement Permit the Construction Authorization to whether the Construction Authorization are the failure to of the Construction Authorization to the Construction Authorization to act within five be equest that the local here. Upon written request a Authorization or Impro	the local health department, the common form developed by the d pursuant to Chapter 89C of the General Statutes as a licensed orized On-Site Wastewater Evaluator, the local health w of the submittal. A determination of completeness means that the required components. If the local health department is incomplete, the local health department shall notify the mit and Construction Authorization. The applicant may submit norization or Improvement Permit and Construction auction Authorization or Improvement Permit and Construction litional information from the applicant. If the local health to act as a determination of completeness. The applicant may thorization or Improvement Permit and Construction outsiness days. The Authorized On-Site Wastewater Evaluator or alth department revoke or suspend the Construction
The review for completeness of this Construction Authorization	n was conducted ir	accordance with G.S. 130A-335(a5). This
Construction Authorization is determined to be:		
$\hfill \square$ Incomplete (If box is checked, information in this section is	s required.)	
The following items are missing:		
Copies of this were sent to the AOWE/PE and the Applicant on	Date	#W 76 /
State Authorized Agent:		Date:
☐ Complete		18
State Authorized Agent:	11 12 1776	Date of Issuance:
This Construction Authorization is issued pursuant to G.S. 130 attached here. This Construction Authorization is subject to reconstruction Authorization shall not be affected by a change to compliance with the provisions of the Laws and Rules for Softhe Department, the Department's authorized agents, and the any liabilities, duties, and responsibilities imposed by statute plans, evaluations, preconstruction conference findings, submarked Softher Softher Wastewater Evaluator in GS 130A-335(a2) agents, and the local health departments shall be responsible publications under State law or rule, including the issuance of the Construction Authorization Expiration Date:	evocation if the sit in ownership of the sewage Treatment he local health dep or in common law nittals, or actions fied pursuant to Art), (a5), and (a7). The and bear liability the operations per	te plan, plat, or the intended use changes. The se site. This Construction Authorization is subject and Disposal and to the conditions of this permit. artments shall be discharged and released from a from any claim arising out of or attributed to from a person licensed pursuant to Chapter 89C of ticle 5 of Chapter 90A of the General Statutes as an an Department, the Department's authorized for their actions and evaluations and other
-		
*See attac	ched site sketch	*

G.S. 130A-335(a2) Common Form



Permit #:

Re-submittal of Construction Authorization

	LHD USE ONLY: This CA resubmittal received:		by	
		Date		
The following is	tems are being resubmitted pursuant to G.S. 130A-33	35(a5) for issuance of	of the Construction Authori	zation:
	UE ST	ATE	<i>®</i>	
I,Authorized Or	hereby attest thehereby attention athereby attention at	at the information r	required to be included with	1 this re-submittal
is accurate and	complete to the best of my knowledge and that the and local laws, regulations, rules, and ordinances.	proposed Construc	tion Authorization meets a	ll applicable
Signatur	re of Authorized On-Site Wastewater Evaluator		Date	
	The section below is for Local Health Department us	se after submittal of it	tems noted as missing above.	
LHD Follow-ւ	up Completeness Review of Construction A			
	completeness of this Construction Authorization reson Authorization is determined to be:	submittal was cond	ucted in accordance with G	.S. 130A-335(a5).
☐ Incomplete ((If box is checked, information in this section is requ	ired.)		
The following it	ems are missing:			
	TESSE OLIA	M VIDER		
Copies of this w	vere sent to the AOWE/PE and the Applicant on	Date	-	
State Authorize	d Agent:		Date:	
☐ Complete				
State Authorize	d Agent:		Date:	

6

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

alexadams@bcsoil.com

May 8, 2025 Project #1769

"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: 715 Beacon Hill Road – Lillington, NC (Harnett County) -Lot #40 – Duncan's Creek Subdivision for New Home Inc., LLC (PIN# 0630-31-0720)

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 a low profile chamber septic 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





Duncans Creek- Lot #40 4-Bedroom - Septic Design 715 Beacon Hill Rd - Lillington, NC New Home, Inc

Harnett County PIN: 0630-31-0720

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

System: Pump to D-Box

Lines: 1-4 (360') 0.35 LTAR

18" Max Trench Bottom Accepted Status System Repair: Pressure Manifold

Lines: 5-8 (360') 0.35 LTAR

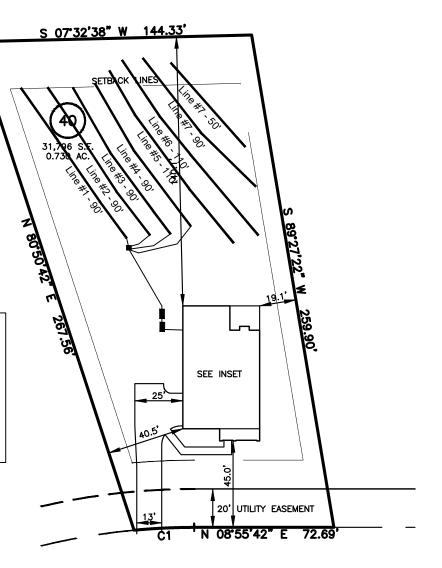
18" Max Trench Bottom Accepted Status System

**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

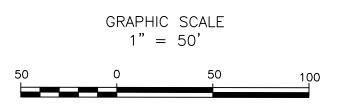
*Comply with all setbacks

*Contact local health dept. and/or Alex Adams prior to or during installation with any questions or concerns.



BEACON HILL ROAD

Adams
Soil Consulting
919-414-6761
Job #1769
5-8-25



SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: New Home Inc. LLC
ADDRESS: Lot 40 – Duncan's Creek

APPLICATION DATE: DATE EVALUATED: 5-6-25 PROPERTY SIZE: 0.73 Acres

PROPOSED FACILITY: Single Family, 4-bedroom PROPOSED DESIGN FLOW (.1949): 480gpd

LOCATION OF SITE: 715 Beacon Hill Road, Lillington, NC

WATER SUPPLY: Public Water

EVALUATION METHOD: Auger Boring TYPE OF WASTEWATER: Sewage

_				EVALUATION METHOD: Auger Boring TYPE OF WASTEWATER: Sewage							
.1940 LANDSCAPE	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS							
POSITION/ SLOPE %		.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR			
	0-10	GR/SL	FR/SEXP/NS	34"	N/A	N/A	N/A	PS/.35			
slope/5%	10-334	SBK/SCL	FI/SEXP/SS								
Linear	0-15	GR/SL	FR/SEXP/NS	N/A	N/A	N/A	N/A	U/PS/.4			
Slope/5%	15-36	SBK/SCL	FI/SEXP/SS								
	0-12	GR/SL	FR/SEXP/NS	32"	N/A	N/A	N/A	U/PS/.35			
	12-36	SBK/SCL	FI/SEXP/SS								
710pc/3/0											
	0-12	GR/SL	FR/SEXP/NS	N/A	N/A	N/A	N/A	U/PS/.35			
	12-36	SBK/SCL	FI/SEXP/SS								
710pc/3/0											
	inear lope/5%	inear lope/5% inear lope/5% inear lope/5% 0-10 10-334 0-15 15-36 0-12 12-36 inear lope/5%	NORP HORIZON DEPTH (IN.) 1941 STRUCTURE TEXTURE	1940	1940	1940	Northology	MORPHOLOGY (1941) PROFILE FACTORS			

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946):			
Available Space (.1945)	S	s	SITE CLASSIFICATION (.1948): U/PS			
System Type(s)	Type III (b) Type III (b)		EVALUATED BY:A. Adams OTHER(S) PRESENT:			
Site LTAR	0.35	0.35				

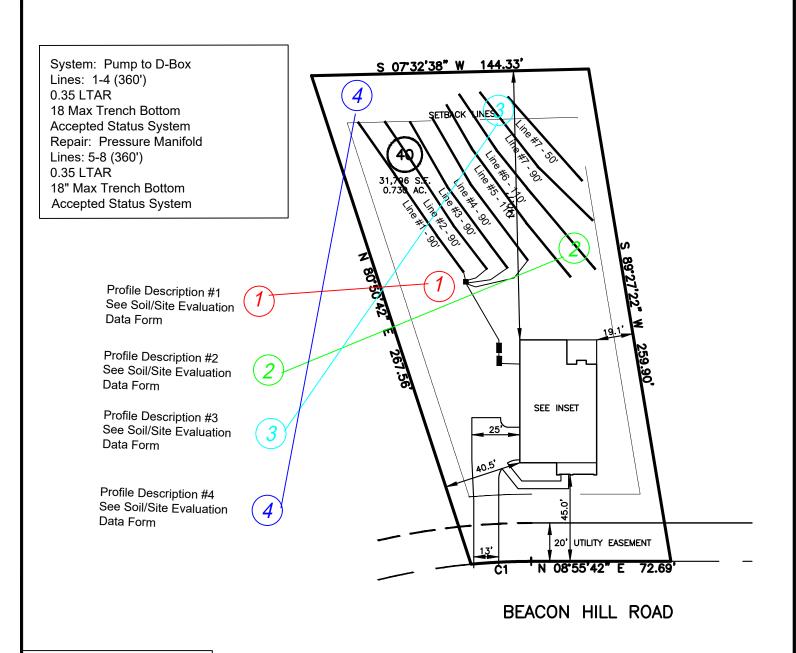
COMMENTS:

Updated February 2014

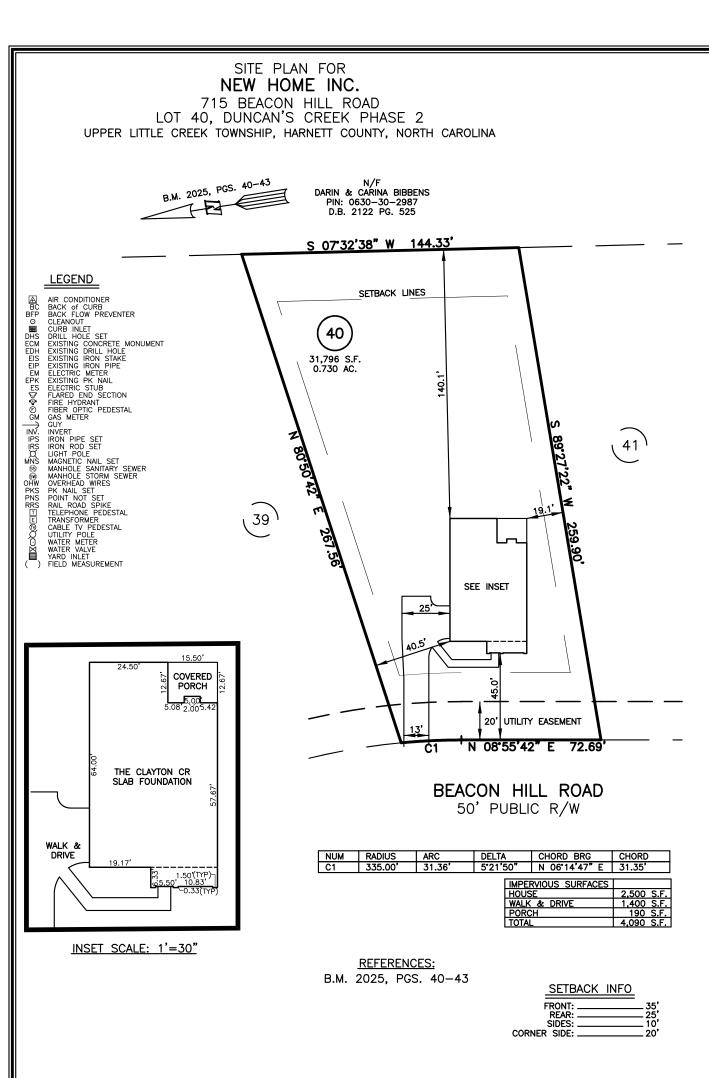
Duncans Creek- Lot #40 Soil Boring Locations 715 Beacon Hill Rd - Lillington, NC New Home, Inc

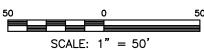
Harnett County PIN: 0630-31-0720

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



Adams
Soil Consulting
919-414-6761
Job #1769
5-8-25





THIS IS A SITE PLAN AS DEFINED BY G.S. 160D-102 AND IS NOT INTENDED TO BE ATTACHED TO ANY INSTRUMENT RECORDED IN THE REGISTER OF DEEDS OFFICE

SITE PLAN

NOT FOR RECORDATION,
CONVEYANCE OR SALES

REV CODE: 1.FLIP, 2.PLAN, 3.ROTATE, 4.MOVE, 5.SS 6.SEVERAL OF ABOVE, 7.LAND FEATURE, 8. OTHER

DATE: APR. 16, 2025

F.B. _____

RIVING PA

ENGINEERING ~ ŠURVEYIN
CORPORATE LICENSE: C-1771
101 W. MAIN ST., SUITE 202
GARNER, NC 27529
PHONE (919) 779-4854

FAX (919) 779-4056 5:\duncan's creek\dnck40\dnck 40.dwg