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

County:
County:
,
PIN/Lot Identifier:
Issued To:
Property Location:
Subdivision (if applicable) Lot #: Block: Section:
LSS Report Provided: Yes No No
If yes, name and license number of LSS:
New System Relocation Change of Use
Proposed Structure:
Number of bedrooms: Number of Occupants: Other:
Design Wastewater Strength:  domestic  high strength  industrial process
Proposed Design Daily Flow: GPD Proposed LTAR (Initial): Proposed LTAR (Repair):
Proposed Wastewater System Type*: (Initial) Pump Required: 🗌 Yes 🗍 No 🗎 May be required
Proposed Wastewater System Type*: (Repair) Pump Required: 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 No Saprolite System (repair): Yes No
Fill System (Initial): 🗌 Yes 🔲 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 🔲 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): Usable Soil Depth (Repair):
Max. Trench Depth (Initial) <sup>‡</sup> : Max. Trench Depth (Repair) <sup>‡</sup> : <sup>‡</sup> Measured on the downhill side of the trench
Artificial Drainage Required: Yes No If yes, please specify details:
Type of Water Supply: Private well Public well Shared well Municipal Supply Spring Other:
Drainfield location meets requirements of Rule .1945: Yes 🔲 No 🗍 Drainfield location meets requirements of Rule .1950: Yes 🗍 No 🗍
Permit valid for: 🗌 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:  Licensed Soil Scientist Signature: XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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 follo	wing:			
department, the common form developed within five business days of receiving the Permit includes all of the required compoi shall notify the applicant of the componer department to cure the deficiencies in the	by the Department, and a soil evaluate application, conduct a completeness repetents. If the local health department department department department department provement provement Permit. The local health department receives the found the applicant may treat the failures.	ion pursuant to sui view of the submit etermines that the nt Permit. The app department shall i the additional infor	osection (a2) of this so tal. A determination o Improvement Permit licant may submit ado make a final determin mation from the appi	of completeness means that the Improvement is incomplete, the local health department ditional information to the local health nation as to whether the Improvement Permi licant. If the local health department fails to
The review for completeness of t Permit is determined to be:	his Improvement Permit was co	onducted in acc	cordance with G.S	5. 130A-335(a3). This Improvement
☐ Incomplete (If box is checked	, information in this section is	required.)		
The following items are missing:				
El/ «	3/45	5		7 W
Copies of this were sent to the LS	S and the Applicant on	Date		
State Authorized Agent:				Date:
☐ Complete	1 5 5/70			124
State Authorized Agent:		-1/-0	31())	Date:
permit holder is responsible for to revocation if the site plan, pla ownership of the site. This perm Disposal and to the conditions o	his permit by the Health Depa checking with appropriate gov t, or the intended use changes it is subject to compliance wit f this permit.	rtment in no we erning bodies i . The Improve h the provision	ray guarantees the nimeeting their in meeting their in ment Permit shans of the Laws an	nd sealed LSS/LG evaluation(s) ne issuance of other permits. The requirements. This permit is subjected by a change in d Rules for Sewage Treatment and be discharged and released from
any liabilities, duties, and resporevaluations, submittals, or action	sibilities imposed by statute o	or in common la	aw from any claii	m arising out of or attributed to
Improvement Permit Expiration	Date:			

\*See attached site sketch\*



Permit #:	
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## **Re-submittal of Improvement Permit**

_				
	LHD USE ONLY: This IP resubmittal received:		by	
	END OSE ONLY. This is resubmittal received	Date	by Initials	
The following ite	ems are being resubmitted pursuant to G.S. 130A-33	35(a3) for issuance of	of the Improvement Permit:	
	T	ATT	3	
	STAL SIL	THE OF	A CONTRACTOR OF THE PARTY OF TH	
, Licensed Soil So	hereby attest tha	at the information r	equired to be included with	this re-submittal
is accurate and c	complete to the best of my knowledge and that the aws, regulations, rules, and ordinances.	proposed Improver	ment Permit meets all applica	able federal,
Signature	of Licensed Soil Scientist		Date	
	The section below is for Local Health Department us	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-submitermit is determined to be:	tal was conducted i	n accordance with G.S. 130A	-335(a3). This
☐ Incomplete	(If box is checked, information in this section is requ	uired.)		
The following ite	ems are missing:			
		V)	9	
Copies of this we	ere sent to the LSS and the Applicant on			
State Authorized	Agent:		Date:	
☐ Complete				
State Authorized	Agent:		Date:	



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

County:
PIN/Lot Identifier:
ssued 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 <sup>2</sup>
Soil Cover: inches Slope Corrected Maximum Trench/Bed Depth <sup>‡</sup> : 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)]:
Easement, Right-of-Way, or Encroachment Agreement Required [.1938(j)]: 🔲 Yes 🔲 No
Declaration of Restrictive Covenants:
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
nto 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 #:	
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## This Section for Local Health Department Use Only

	Initial submittal received:	by	
		Date	Initials
G.S. 130A-335(a5) states the follow	_		
mprovement Permit and Construction Author Department, and any necessary signed and some of the person certified pursuant to Are Department shall, within five business days of the Construction Authorization or Improvem the Implement of the Construction Authorization Authorization of the components needed to compoditional information to the local health department of the Implement of the Implement of the Implement of the Implement of Implement Permit and Continuation or Improvement Permit and Continuation or Improvement Permit and Continuation Improvement Improvement Permit and Continuation Improvement I	prization application together, the perealed plans or evaluations conducted ticle 5 of Chapter 90A of the General of receiving the application, conduct a sent Permit and Construction Authorization or Improvement Permit and Construction Authorization or Improvement Permit and Construction Authorization of a sent permit to cure the deficiencies in the shall make a final determination as to says after the local health department out in this subsection, the applicant of the decision of completeness of the or if the local health department fair oursuant to this subsection may require the subsection and the construction Authorization for cause. Luspend or revoke the Construction Authorization for cause.	mit fee charged by the lood by a person licensed pursestatutes as an Authorized completeness review of the ation includes all of the restruction Authorization is in a construction Authorization whether the Construction authorization are treceives the additional treat the failure to act within five businesest that the local health depon written request of the thorization or Improvement.	tion together, submits a Construction Authorization, or an cal health department, the common form developed by the suant to Chapter 89C of the General Statutes as a licensed On-Site Wastewater Evaluator, the local health he submittal. A determination of completeness means that equired components. If the local health department complete, the local health department shall notify the ad Construction Authorization. The applicant may submit tion or Improvement Permit and Construction and Authorization or Improvement Permit and Construction al information from the applicant. If the local health as a determination of completeness. The applicant may action or Improvement Permit and Construction as described by the Authorized On-Site Wastewater Evaluator or repartment revoke or suspend the Construction as Authorized On-Site Wastewater Evaluator or licensed and Permit and Construction Authorization pursuant to G.S.
he review for completeness of this	Construction Authorization v	vas conducted in acc	ordance with G.S. 130A-335(a5). This
Construction Authorization is deter	mined to be:		
☐ Incomplete (If box is checked, i	nformation in this section is re	equired.)	
he following items are missing:			
Copies of this were sent to the AOV	/E/PE and the Applicant on	Date	AV 76 //
State Authorized Agent:			Date:
☐ Complete	Floring 1	141 6	F/35/19
State Authorized Agent:	1 PRIL	12 1776	Date of Issuance:
ttached here. This Construction A Construction Authorization shall no	uthorization is subject to revo ot be affected by a change in	ocation if the site place ownership of the sit	ing the signed and sealed plans or evaluations an, plat, or the intended use changes. The e. This Construction Authorization is subject Disposal and to the conditions of this permit.
iny liabilities, duties, and responsi plans, evaluations, preconstruction he General Statutes as a licensed Authorized On-Site Wastewater Ev	bilities imposed by statute or a conference findings, submit engineer or a person certified aluator in GS 130A-335(a2), ( ments shall be responsible a	in common law from tals, or actions from pursuant to Article a5), and (a7). The De ad bear liability for t	nents shall be discharged and released from many claim arising out of or attributed to a person licensed pursuant to Chapter 89C of 5 of Chapter 90A of the General Statutes as an epartment, the Department's authorized their actions and evaluations and other pursuant to GS 130A-337.
Construction Authorization Expirat	ion Date:		
	*See attach	ed site sketch*	

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



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

	LHD USE ONLY: This CA resubmittal received: _		by	
	EID OSE ONET. THIS CATEGORISMIC ATTECCIVE CO.	Date	Sy	
The following is	tems are being resubmitted pursuant to G.S. 130A-3.	35(a5) for issuance of	of the Construction Authoriz	zation:
_	JUE ST	ATE	<i>M</i>	
is accurate and	hereby attest th nsite Wastewater Evaluator (Print Name) complete to the best of my knowledge and that the and local laws, regulations, rules, and ordinances.		equired to be included with tion Authorization meets al	
, ,				
Signatur	re of Authorized On-Site Wastewater Evaluator		Date	
LUD Follow	The section below is for Local Health Department us		tems noted as missing above.	
LHD FOIIOW-L	up Completeness Review of Construction A	Authorization		
	completeness of this Construction Authorization re- on Authorization is determined to be:	submittal was condu	ucted in accordance with G.	S. 130A-335(a5).
☐ Incomplete (	(If box is checked, information in this section is requ	uired.)		
The following it	ems are missing:			
	SSE OUA	M VIDER		
Copies of this w	vere sent to the AOWE/PE and the Applicant on	Date	-	
State Authorize	d Agent:		Date:	<del></del>
☐ Complete				
State Authorize	d Agent:		Date:	

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

alexadams@bcsoil.com

May 29, 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: 702 Beacon Hill Road – Lillington, NC (Harnett County) -Lot #51 – Duncan's Creek Subdivision for New Home Inc., LLC (PIN# 0630-21-7706)

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 accepted status 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 #51 4-Bedroom - Septic Design 702 Beacon Hill Rd - Lillington, NC New Home, Inc

Harnett County PIN: 0630-21-7706

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

System: Gravity to D-Box

Lines: 2-5 (400') 0.35 LTAR

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

Lines: 1, 6-9 (400')

0.35 LTAR

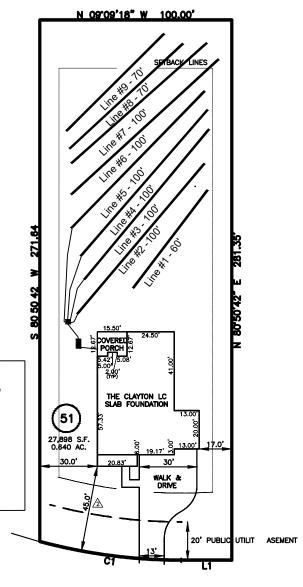
21" Max Trench Bottom Accepted Status System

\*\*1000 Gallon Septic and Pump Tank

Tank and trenches to be located minimum of 10' from any property line and minimum of 5'

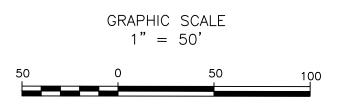
from any building foundation.

- \*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 50' PUBLIC R/W

Adams
Soil Consulting
919-414-6761
Job #1769
6-20-25



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

(Complete all fields in full)

OWNER: New Home Inc.

APPLICATION DATE:

ADDRESS:

DATE EVALUATED: 5-28-25 PROPERTY SIZE: .64 Acres

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

LOCATION OF SITE: 702 Beacon Hill Rd. Lillington NC 27546

WATER SUPPLY: Public Water

EVALUATION METHOD: Auger Boring

TYPE OF WASTEWATER: Sewage

P R O F I L E	.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 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
	Clama/50/	0-6	GR/SL	VFR,NS,NP,SEXP	N.O	36"	N.O	N.O	U/P.S .4
		6-36	SBK/SCL	FR,SS,SP,Sexp					
	Linear	0-12	GR/SL	VFR,NS,NP,SEXP	N.O	36"	N.O	N.O	P.S .4
	Slope/5%	12-36		FR,SS,SP,Sexp	1.00	30			1.0.T
	Linear	0-5	GR/SL	VFR,NS,NP,SEXP	N.O	35"	N.O	N.O	P.S .35
3	Slope/5%	5-35	SBK/SCL	FR,SS,SP,Sexp					
4									

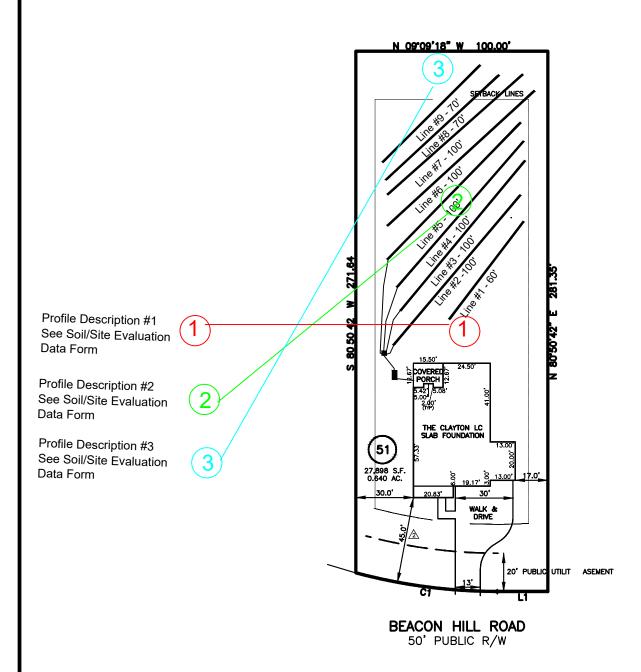
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946):			
Available Space (.1945)	S	S	SITE CLASSIFICATION (.1948): U/PS			
System Type(s)	Type III G Type III G		EVALUATED BY:A. Adams OTHER(S) PRESENT:			
Site LTAR	0.35	0.35				

COMMENTS: \_\_\_\_\_\_Updated February 2014

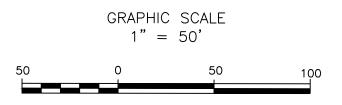
# Duncans Creek- Lot #51 Soil Boring Locations 702 Beacon Hill Rd - Lillington, NC New Home, Inc

Harnett County PIN: 0630-21-7706

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



Adams
Soil Consulting
919-414-6761
Job #1769
6-20-25



# SITE PLAN FOR NEW HOME, INC. 702 BEACON HILL ROAD LOT 51, DUNCAN'S CREEK PHASE 2 UPPER LITTLE CREEK TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA OPEN SPACE FUTURE PHASE 3 DEVELOPMENT N 09'09'18" W 100.00' B.M. 2025, PGS. 40-43 SETBACK LINES LEGEND LEGEND AIR CONDITIONER BACK OF CURB BACK FLOW PREVENTER CLEANOUT CURB INLET CURB INLET EXISTING CONCRETE MONUMENT EXISTING OR STAKE EXISTING INCOLOR STAKE EXISTING INCOLOR INVERT INON PIPE SET INON INCOLOR INVERT INVERT INON INCOLOR INVERT INVERT INON INCOLOR INVERT INVERT INVERT INON INCOLOR INVERT 50 27,898 S.F. 0.640 AC. 52 YARD INLET FIELD MEASUREMENT REVISION TRIANGLE THE CLAYTON LC SLAB FOUNDATION SETBACK INFO FRONT: REAR: 30.0 30' SIDES: CORNER SIDE: WALK & DRIVE <u> 2</u> 20' PUBLIC UTILITY EASEMENT C1 IMPERVIOUS SURFACES HOUSE WALK & DRIVE BEACON HILL ROAD 50' PUBLIC R/W BEARING S 09\*09'18" DISTANCE E 26.24' LINE ARC 74.61' DELTA CHORD BRG CHORD BRG 14\*59'57" S 01\*39'20" E 74.40' **REFERENCES:** B.M. 2025, PGS. 40-43 SCALE: 1" = 40' 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 ENGINEERING ~ SURVEYING SITE PLAN REV2: JUN. 13, 2025(4) REV1: MAY 14, 2025(2) NOT FOR RECORDATION, CORPORATE LICENSE: C-1771 101 W. Main St., Suite 202 Garner, NC 27529 Phone (919) 779-4854 CONVEYANCE OR SALES DATE: MAY 02, 2025

FAX (919) 779-4056

REEK DNCK51 DUNCAN CREEK 51.1

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