



Central Carolina Soil Consulting, PLLC

1900 South Main Street, Suite 110, Wake Forest, NC 27587

Office Number: 919-569-6704

January 22, 2025

Job #4524

Pakt Construction

Attention: Trey Dillard

RE: Preliminary soil/site evaluation for a single-family dwelling wastewater approval at Carolwood Subdivision, Lot 2 (3-bedroom) in Granville County pursuant to and meets the requirements of G.S. 130A-335(a2)."

Dear Mr. Dillard:

Central Carolina Soil Consulting, PLLC conducted a preliminary soil evaluation on the aforementioned lot to determine the areas of suitable soils that are suitable for subsurface wastewater disposal systems (conventional, Accepted & Innovative). **"The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."** The soil/site evaluation was performed using auger borings in January 2025, under moist soil conditions, based on the criteria found in the State Subsurface Rules, 15A NCAC 18E "Wastewater Treatment and Dispersal Systems". From this evaluation, CCSC laid out and located the septic layout and gps'd for site plan drawing purposes. **Please note that the lot lines must be clearly marked by your surveyor prior to system installation by your installer to verify all setbacks before digging.**

Based on the findings during the field evaluation, the area on the attached map has at least 27 inches (Initial) and 28 inches (repair) of suitable soils for a modified conventional septic system. The assigned LTAR for the initial site is 0.275 gpd/ft² with a maximum depth of 12 inches on the downhill side of the trench, with 8" of additional cover material needed, for the initial system installation of the drain lines due to slope correction. The assigned LTAR for the repair site is 0.275 gpd/ft² with a maximum depth of 14 inches on the downhill side of the trench, with 8" of additional cover material needed, for the repair system installation of the drain lines due to slope correction.

The lot is proposed to have a 3-bedroom system for the house. A septic system field layout was completed based on the house location and property lines surveyed in the field.

The proposed Initial system for the house is a Pressure Manifold distribution using lines 4-7 totaling 400 feet of accepted product (25% reduction). The repair system for the house is a Pressure Manifold distribution using lines 1-3 totaling 242 feet of T&J Panel Block product (horizontal).

Tanks: (All tanks must meet requirements set forth in 15A NCAC 18E .0801)

Minimum tank capacities: 1,000 for septic tank and 1,000 for pump tank, both having risers. The tanks should also have pressed in rubber boots on both the inlets and the outlets of the tank, along with having secondary safety lids or devices on all the openings.

Septic Installation:

The septic system for the lot should be installed during dry soil conditions (no rain events within 72 hours). The septic system should be installed on contour while maintaining all required setbacks. **Lot lines must be clearly marked by your surveyor prior to system installation so your installer can verify all setbacks before digging.**

Setbacks: (see septic design page for locations)

- **Septic and Pump Tanks** (see septic design)
 - 10' minimum from property lines
 - 5' minimum from house
- **Septic Lines** (see septic design)
 - 10' minimum from property lines
 - 5' minimum from house
- **Manifold's and D-Box's** (see septic design)
 - 5' minimum from property lines
- **Supply Lines** (see septic design)
 - 5' minimum from property lines
- **Utilities**
 - Water (10' minimum for all septic components)

Grading:

No grading should be completed within the initial and repair septic areas that change the natural grade of the area. There should be no cutting or filling within the septic areas as well. When grading the lot, no cuts of 2' or greater should be within 15' of the septic areas. If a cut is required near the septic area, keep the cut around 6-8 inches in depth.

HOUSE:

- Initial System: Pressure Manifold Distribution, lines 4-7 totaling 400' (see layout)
- Repair System: Pressure Manifold Distribution, lines 1-3 totaling 242' (see layout)
- 360 gal/day flow rate (3-bedroom)
- 1,000 gallon septic tank, 1,000 gallon pump tank
 - Both with risers and pressed in rubber boots on both the inlet and outlet ends and a secondary lid in each tank opening
- 12" max trench depth on the downhill side for the Initial System
 - 8" of additional cover material needed
- 14" max trench depth on the downhill side for the Repair System
 - 8" of additional cover material needed
- 0.275 LTAR for Initial
- 0.275 LTAR for Repair
- No grading/filling septic areas
- No cuts >2' within 15' of septic areas
- Keep tanks and drain lines 10' from property lines
- Keep supply line >5' property lines
- Install in dry soil conditions (No rain events within 72 hours)
- Maintain natural contours when clearing the lot

This letter discusses the location of provisionally suitable soils for subsurface wastewater disposal systems and does not guarantee the future function of any wastewater system on sites. Central Carolina Soil Consulting, PLLC is a professional consulting firm specializing in soil delineations and designs for on-site wastewater disposal systems.

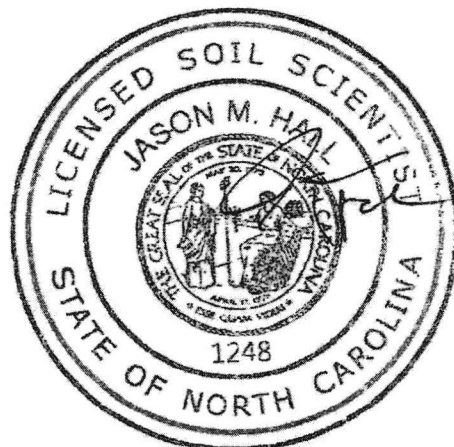
If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me at any time. Thank you for allowing Central Carolina Soil Consulting to perform this site evaluation for you.

Sincerely,



Jason Hall
NC Licensed Soil Scientist #1248
AOWE certification number 10004E

Encl: Soil Map & septic layout



Carolwood Subdivision, Lot 2

Layout/Design Specifications

Facility Type: Sngle-Family Dwelling
of Bedrooms: 3
Daily Flow: 360 gal/day
L.T.A.R.: 0.275 gal/day/sq.ft

Trench Depth: 12 in max on the downhill side of trench
Trench Width: 36 in
Stone Depth: EZ-FLOW in

Manifold Length: 42 in
Manifold Diameter: 4 in sch 80pvc
Supply Line Length: 155 ft
Supply Line Diameter: 2 in sch 40pvc
Supply Line Volume: 26.97 gallons

Friction Loss + Fitting Loss: 3.82 ft(supply line length + 70' for fittings
in pump tank)

Design Head: 2 ft
Elevation Head: 16.10 ft
Total Head: 21.92 ft

Dose Volume: 171.60 gals
% of Pipe Vol. 0.66
Drawdown: 8.58 in @ 20.0 gal/in
Pump Run Time: 6.40 Mins
Control Panel: SJE Rhombus Model112 control panel
(or approved equivalent)
Pump: Zoeller M140 Flow-Mate (or approved equivalent)
Septic Tank Effluent Filter: Polylok PL-68 residential effluent filter (or
approved equivalent)
Septic Tank: Brantley 1,000 Gallon ST
Pump Tank: Brantley 1,000 Gallon PT

Carolwood, Lot 2

Initial System TAP CHART

Bench Mark:		is = 100.00		Location of BM:		Elevation Head:			16.10		
Pump tank elev.		14.5	85.50	Pump elev.		80.10			Manifold elevation:		96.20
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR		
4	Pink	4.80	95.20	105	1/2in SCH 40	7.11	95.47	315	0.3031		
5	Green	5.50	94.50	110	1/2in SCH 40	7.11	95.47	330	0.2893		
6	Orange	6.20	93.80	120	1/2in SCH 40	7.11	95.47	360	0.2652		
7	Purple	7.10	92.90	65	1/2in SCH 80	5.48	73.58	195	0.3774		

total feet = 400 gal/min = 26.81 LTAR = 0.2750

% of Dose Volume	66	<u>Des. Flow</u>	360	<u>LTAR + %5</u>	0.2888
Dose Volume	171.60	Pump Run=	13.43	(ltar W/ INOV)	0.3667
Dose Pump Time	6.40	Tank Gal/IN	20	(ltar W/ INOV + 5%)	0.3850
Drawdown in Inches	8.58				

Carolwood, Lot 2

T&J Panel Block Repair System, TAP CHART

Bench Mark:		is = 100.00		Location of BM:				Elevation Head:		17.20		
Pump tank elev.		14.5	85.50	Pump elev.		80.10		Manifold elevation:		97.30		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR	# of Panels	Spacing of Panels (in)	Feet of 1.5in PVC
1	Purple	3.70	96.30	72	3/4in SCH 80	10.1	120.00	216	0.5556	17	4.6	64
2	Red	4.10	95.90	85	3/4in SCH 80	10.1	120.00	255	0.4706	20	4.8	76
3	Blue	4.30	95.70	85	3/4in SCH 80	10.1	120.00	255	0.4706	20	4.8	76

total feet = 242 gal/min = 30.3 Total Number of Panels: 57
T&J Panel Block Orientation: Horizontal

% of Dose Vol.	0	<u>Des. Flow</u>	360	<u>LTAR =</u>	0.2750
Dose Volume	205.20	Pump Run=	11.88	<u>LTAR + %5</u>	0.2888
Dose Pump Time	6.77	Tank Gal/IN	20	(ltar W/ INOV)	0.5500
Drawdown in Inches	10.26			(ltar W/ INOV + 5%)	0.5775

Backfill Sand Needed: 41.2 tons Total Footage of 1.5in PVC: 216
backfill sand needed +5%: 43.26 tons

Permit/File #: 463228



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

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 Authorization ☐ Fee \$ _____

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)

County: Granville

PIN/Lot Identifier: 1192503000246

Issued To: Pakt Construction

Property Location: 6218 Carole Drive, Oxford, NC 27565

Subdivision (if applicable) Carolwood Lot #: 2 Block: _____ Section: _____

LSS Report Provided: Yes ☒ No ☐

If yes, name and license number of LSS: Jason Hall, NC LSS #1248

New ☒

Expansion ☐

System Relocation ☐

Change of Use ☐

Facility Type: Single-Family Dwelling, 3-Bedroom

Number of bedrooms: 3 Number of Occupants: ≤6 Other: _____

Design Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process Wastewater

Proposed Design Daily Flow: 360 GPD Proposed LTAR (Initial): 0.275 Proposed LTAR (Repair): 0.275

Proposed Wastewater System Type*: IIIb, accepted (25% reduction) (Initial) Pump Required: ☒ Yes ☐ No ☐ May be required

Proposed Wastewater System Type*: IIIb, PPBPS (horizontal) (Repair) Pump Required: ☒ Yes ☐ No ☐ May be required

**Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW

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 Depth to LC (Initial)*: 27" Usable Depth to LC (Repair)*: 28" * Limiting Condition

Max. Trench Depth (Initial)*: 12" Max. Trench Depth (Repair)*: 14" * 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 .0508: Yes ☒ No ☐ Drainfield location meets requirements of Rule .0601: 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:

8" of additional cover material needed for the initial and repair systems

Licensed Soil Scientist Print Name: Jason Hall

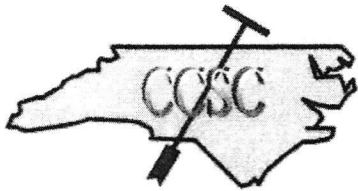
Licensed Soil Scientist Signature: [Signature]

Date: 01-22-2025

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch





Central Carolina Soil Consulting, PLLC
1900 South Main Street, Suite 110, Wake Forest, NC 27587
Office Number: 919-569-6704

Acknowledgment of Subsurface wastewater evaluation and septic design by Central Carolina Soil Consulting, PLLC. for Carolwood Subdivision, Lot 2,
for issuance of an IP and CA.

For Improvement Permit (IP) issuance:

"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)."

For Construction Authorization (CA) issuance:

"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)."

The LSS evaluation attached to this application was used to produce and design a subsurface wastewater septic system for permitting to obtain an IP and CA in accordance G.S. 130A-335(a2), (a3), (a5) and (a6).

Owner or Owner's Representative (print):

Norman S. D. Hard, III

Owner or Owner's Representative (signature):



Date: 11-12-2025



This Section for Local Health Department Use Only

Initial submittal received: 11/18/25 by ALW
Date Initials

G.S. 130A-335(a3) states the following:

When an applicant for an Improvement Permit submits to a local health department an Improvement Permit application, the permit fee charged by the local health department, the common form developed by the Department, and a soil evaluation pursuant to subsection (a2) of this section, the local health department shall, within five business days of receiving the application, conduct a completeness review of the submittal. A determination of completeness means that the Improvement Permit includes all of the required components. If the local health department determines that the Improvement Permit is incomplete, the local health department shall notify the applicant of the components needed to complete the Improvement Permit. The applicant may submit additional information to the local health department to cure the deficiencies in the Improvement Permit. The local health department shall make a final determination as to whether the Improvement Permit is complete within five business days after the local health department receives the additional information from the applicant. If the local health department fails to act within any period set out in this subsection, the applicant may treat the failure to act as a determination of completeness. The Department shall develop a common form for use as the Improvement Permit.

The review for completeness of this Improvement Permit was conducted in accordance with G.S. 130A-335(a3). This Improvement Permit is determined to be:

☐ 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: _____ Date: _____

☒ Complete
State Authorized Agent: ALW DEHS Date: 11/18/25

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2) and (a3) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. *This permit is subject to revocation if the site plan, plat, or the intended use changes.* The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of 15A NCAC 18E and to the conditions of this permit.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: 11/18/30

See attached site sketch



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

County: Granville Pre-Construction Conference Required: Yes ☐ No ☒
 PIN/Lot Identifier: 1192503000246
 Issued To: Pakt Construction
 Property Location: 6218 Carole Drive, Oxford, NC 27565 (Carolwood, Lot 2)
 AOWE/PE Plans/Evaluations Provided: Yes ☒ No ☐ If yes, name and license number of AOWE/PE: Jason Hall, AOWE #10004E
 Facility Type: Single-Family Dwelling, 3-Bedroom
 Number of bedrooms: 3 Number of Occupants: ≤6 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 Wastewater System* IIIb, accepted (25% reduction) (Initial) IIIbe, PPBPS (horizontal) (Repair)

*Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII

Design Daily Flow: 360 GPD Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process WW

Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies? ☐ Yes ☒ No
 (if yes, please provide engineering documentation)

Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW

Type of Water Supply: ☒ Private well ☐ Public well ☐ Shared well ☐ Municipal Supply ☐ Spring ☐ Other: _____

Installation Requirements/Conditions

Septic Tank Size: 1000 gallons Total Trench/Bed Length: 400 feet Trench/Bed Spacing: 9 feet on center
 Trench/Bed Width: 36 inches LTAR: 0.275 gpd/ft² Usable Depth to LC (Initial)*: 27" *Limiting condition
 Additional Soil Cover: 8 inches Slope Corrected Maximum Trench/Bed Depth*: 12 inches *Measured on the downhill side of the trench
 Pump Tank Size (if applicable): 1000 gallons Requires more than 1 pump? ☐ Yes ☒ No
 Pump Requirements: 21.92 ft. TDH vs. 26.81 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 [.0204(g)]: ☐ Yes ☒ No Declaration of Restrictive Covenants: ☐ Yes ☒ No

Easement, Right-of-Way, or Encroachment Agreement Required [.0301(b)]: ☐ Yes ☒ No

Management Entity Required: ☐ Yes ☒ No Minimum O&M Requirements: _____

Permit conditions:

8" of additional cover material needed over the entire septic area (should extend out past the edge of the trenches before tapering off)
fence off the entire septic area from construction traffic

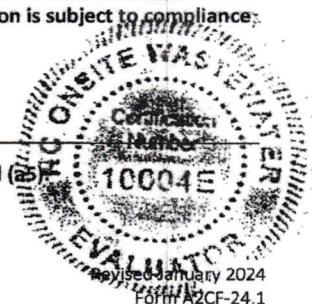
The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. **This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes.** The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.

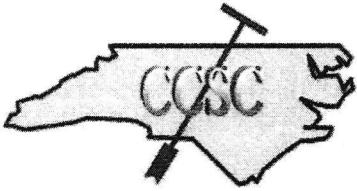
AOWE/PE Print Name: Jason Hall

AOWE/PE Signature: [Signature] Date: 01-22-2025

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

See attached site sketch





Central Carolina Soil Consulting, PLLC
1900 South Main Street, Suite 110, Wake Forest, NC 27587
Office Number: 919-569-6704

Acknowledgment of Subsurface wastewater evaluation and septic design by Central Carolina Soil Consulting, PLLC. for Carolwood Subdivision, Lot 2,
for issuance of an IP and CA.

For Improvement Permit (IP) issuance:

"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)."

For Construction Authorization (CA) issuance:

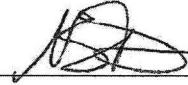
"The plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5) and (a6)."

The LSS evaluation attached to this application was used to produce and design a subsurface wastewater septic system for permitting to obtain an IP and CA in accordance G.S. 130A-335(a2), (a3), (a5) and (a6).

Owner or Owner's Representative (print):

Norman S. Dillard, III

Owner or Owner's Representative (signature):



Date: 11-12-2025



This Section for Local Health Department Use Only

Initial submittal received: 11/18/25 by ABW
Date Initials

G.S. 130A-335(a5) states the following:

When an applicant for a Construction Authorization, or an Improvement Permit and Construction Authorization together, submits a Construction Authorization, or an Improvement Permit and Construction Authorization application together, the permit fee charged by the local health department, the common form developed by the Department, and any necessary signed and sealed plans or evaluations conducted by a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator, the local health department shall, within five business days of receiving the application, conduct a completeness review of the submittal. A determination of completeness means that the Construction Authorization or Improvement Permit and Construction Authorization includes all of the required components. If the local health department determines that the Construction Authorization or Improvement Permit and Construction Authorization is incomplete, the local health department shall notify the applicant of the components needed to complete the Construction Authorization or Improvement Permit and Construction Authorization. The applicant may submit additional information to the local health department to cure the deficiencies in the Construction Authorization or Improvement Permit and Construction Authorization. The local health department shall make a final determination as to whether the Construction Authorization or Improvement Permit and Construction Authorization is complete within five business days after the local health department receives the additional information from the applicant. If the local health department fails to act within any period set out in this subsection, the applicant may treat the failure to act as a determination of completeness. The applicant may apply for the building permit for the project upon the decision of completeness of the Construction Authorization or Improvement Permit and Construction Authorization by the local health department or if the local health department fails to act within five business days. The Authorized On-Site Wastewater Evaluator or licensed engineer submitting the evaluation pursuant to this subsection may request that the local health department revoke or suspend the Construction Authorization or Improvement Permit and Construction Authorization for cause. Upon written request of the Authorized On-Site Wastewater Evaluator or licensed engineer, the local health department shall suspend or revoke the Construction Authorization or Improvement Permit and Construction Authorization pursuant to G.S. 130A-23. The Department shall develop a common form for use as the Construction Authorization.

The review for completeness of this Construction Authorization was conducted in accordance with G.S. 130A-335(a5). This

Construction Authorization is determined to be:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing: _____

Copies of this were sent to the AOWE/PE and the Applicant on _____
Date

State Authorized Agent: _____ Date: _____

☒ Complete

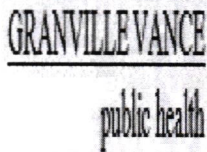
State Authorized Agent: Alan W. PERKINS Date of Issuance: 11/18/25

This Construction Authorization is issued pursuant to G.S. 130A-335(a2) and (a5) using the signed and sealed plans or evaluations attached here. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to plans, evaluations, preconstruction conference findings, submittals, or actions from a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator in GS 130A-335(a2), (a5), and (a7). The Department, the Department's authorized agents, and the local health departments shall be responsible and bear liability for their actions and evaluations and other obligations under State law or rule, including the issuance of the operations permit pursuant to GS 130A-337.

Construction Authorization Expiration Date: 11/18/30

See attached site sketch



Well Construction Permit

Granville Vance Public Health
Environmental Health
PO Box 367
Oxford NC, 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 463228
PIN Number: _____
Tax Lot #: 2 Tax Block #: _____
Evaluated For: _____

PERMIT VALID UNTIL: 11/18/2030

Property Owner: MEADOWS FAMILY PARTNERSHIP
Address: 2701 E FARRWAY ROAD
City: MOREHEAD CITY
State/Zip: NC / 28557
Phone #: H: (252) 241-3501

Applicant: PAKT CONSTRUCTION INC
Address: 14112 BOLD RUN HILL ROD
City: WAKE FOREST
State/Zip: NC / 27587
Phone #: H: (919) 369-4128

Property Location & Site Information

Address/Road #: _____ Subdivision: CAROL WOOD Phase: _____ Lot: 2
CAROLE DRIVE
*Proposed use of Well: _____
If Other: _____
Applicant Email: _____
Owner Email: _____

Directions:GPS

Well Contractor Information

Drilling Contractor: _____ Driller Registration: _____

Permit Conditions

*Permit Conditions

Refer to LSS drawing for well location. Keep well 50ft min. from any part of the septic and 25ft min. from any part of the house.

Well location, construction and protection must meet all state and local regulations and must be inspected and approved by an authorized representative of the Local Health Department. The permit may be revoked at any time for failure to comply with existing regulations. The siting of approved well construction area(s) by the Health Department is to provide protection from the known possible sources of contamination. The approved well area(s) may not be changed without permission from an authorized representative of the Local Health Department. Issuance of this well permit does not guarantee water quality or adequate water production from the well once it is installed or repaired.

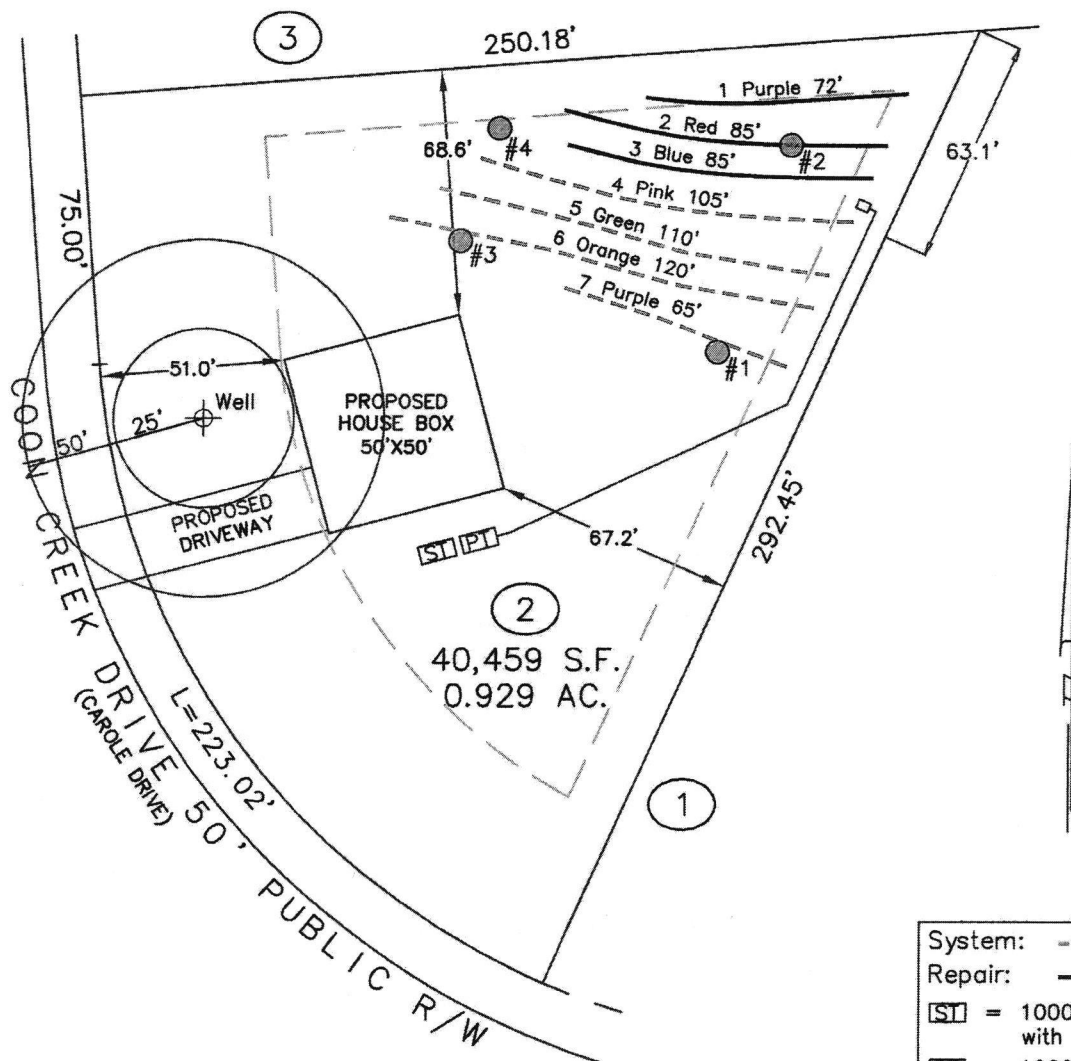
*Issued By: Wilkerson, Austin
Authorized State Agent: Alexis Wilkerson
Owner/Applicant: Meadows Family

*Date of Issue: 11/18/2025

☐ Hand Drawing ☐ Import Drawing

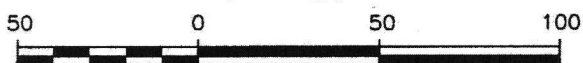
****Site Plan/Drawing attached.****

** LSS Drawing*



- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.
- *No adding soil within septic area
- *No rutting-up septic area
- *No cuts of >2' within 15' of septic areas

GRAPHIC SCALE
1" = 50'



System:	-----
Repair:	————
[ST]	= 1000 gallon tank with risers
[PT]	= 1000 gallon tank with risers
● #2	= profile description locations

Initial System: Pressure Manifold
Lines: 4-7, (400')
Accepted Status System (25% reduction)
0.275 Soil LTAR
12" Trench Bottom on the downhill side
8" of additional cover material needed

Repair System: Pressure Manifold
Lines: 1-3, (242')
T&J Panel Block System (horizontal)
0.275 Soil LTAR
14" Trench Bottom
8" of additional cover material needed



Central Carolina Soil Consulting, PLLC
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3-Bedroom Septic Layout
Lot 2, Carolwood Subdivision
Granville County, North Carolina

Job#: 4524
Drawn By: JR
Date: 01/22/2025
Revision: