



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 95 Cherry Bark Drive (Lot 87) 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:

Owner's representative:

Jacob Bagaasen

Date:

01/08/2025



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

County: Franklin Pre-Construction Conference Required: Yes ☐ No ☒
 PIN/Lot Identifier: 1833-60-1397
 Issued To: Ken Harvey Homes
 Property Location: 95 Cherry Bark Drive, Youngsville
 AOWE/PE Plans/Evaluations Provided: Yes ☒ No ☐ If yes, name and license number of AOWE/PE: Jason Hall, AOWE #10004E
 Facility Type: single family
 Number of bedrooms: 4 Number of Occupants: 8 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* IIIbg, PM to Accepted (Initial) IIIbe, PM to PPBPS (Repair)

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

Design Daily Flow: 480 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: 410 feet Trench/Bed Spacing: 9 feet on center
 Trench/Bed Width: 36 inches LTAR: .3 gpd/ft² Usable Depth to LC (Initial)*: 48 *Limiting condition
 Additional Soil Cover: n/a inches Slope Corrected Maximum Trench/Bed Depth*: 24 inches *Measured on the downhill side of the trench
 Pump Tank Size (if applicable): 1200 gallons Requires more than 1 pump? ☐ Yes ☒ No
 Pump Requirements: 14 ft. TDH vs. 38.54 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:

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.

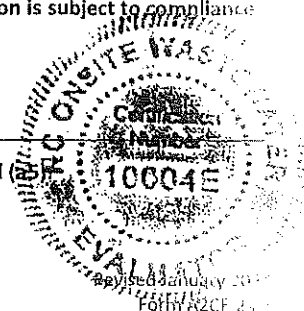
AOWE/PE Print Name: Jason Hall

AOWE/PE Signature: [Signature]

Date: 12/11/24

This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a3)

See attached site sketch





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 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: _____ Date of Issuance: 1-10-25

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: 1-10-30

See attached site sketch



Re-submittal of Construction Authorization

LHD USE ONLY: This CA resubmittal received: _____ by _____
Date Initials

The following items are being resubmitted pursuant to G.S. 130A-335(a5) for issuance of the Construction Authorization:

I, _____ hereby attest that the information required to be included with this re-submittal
Authorized Onsite Wastewater Evaluator (Print Name)
is accurate and complete to the best of my knowledge and that the proposed Construction Authorization meets all applicable federal, State, and local laws, regulations, rules, and ordinances.

Signature of Authorized On-Site Wastewater Evaluator

Date

The section below is for Local Health Department use after submittal of items noted as missing above.

LHD Follow-up Completeness Review of Construction Authorization

The review for completeness of this Construction Authorization re-submittal 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: _____

Date: _____



Permit/File #: _____

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

County: _____

PIN/Lot Identifier: _____

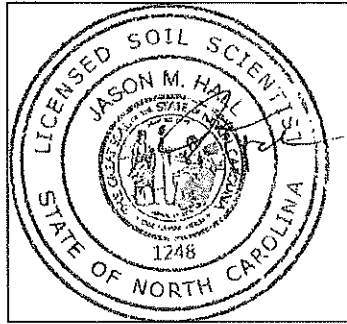
Issued To: _____

Additional Improvement Permit Conditions:

[illegible]

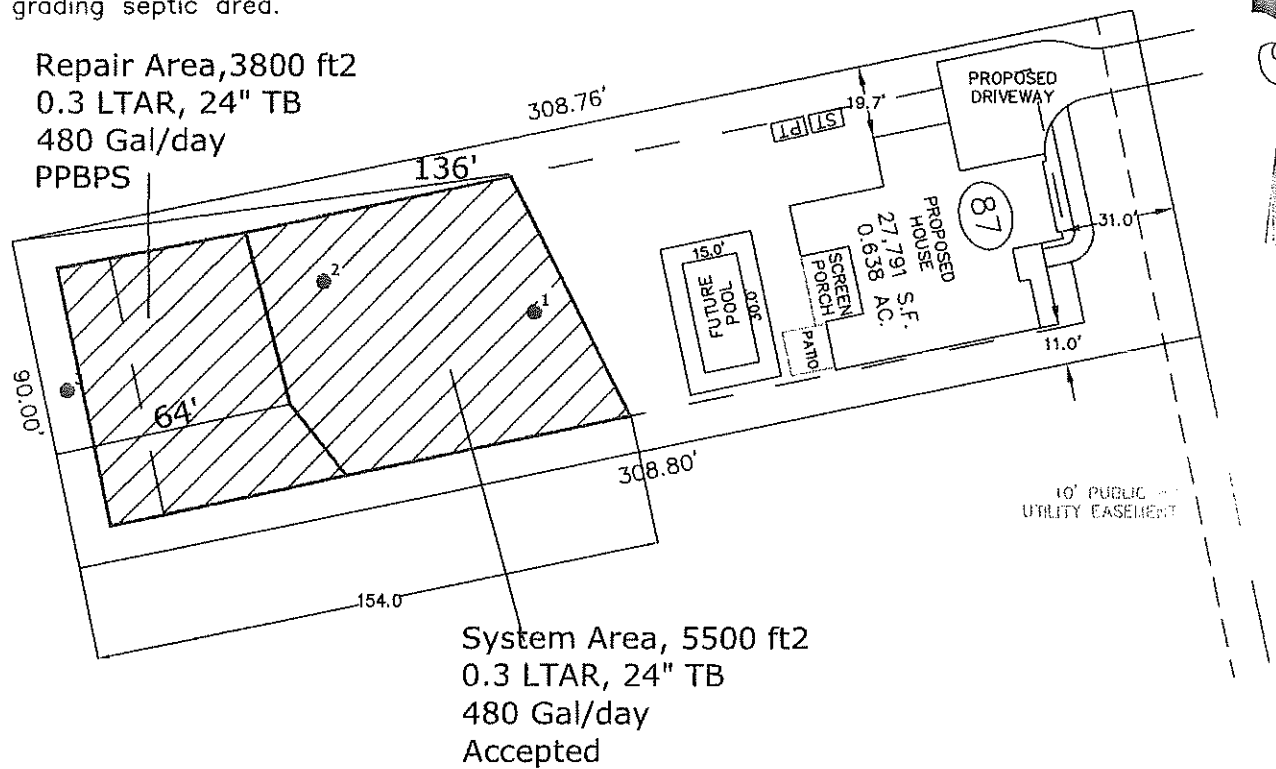
Additional Construction Authorization Conditions:

[illegible]



Boring: ●
 [ST] : 1000 Gallon
 [PT] : 1200 Gallon

- *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.



GRAPHIC SCALE
 1" = 50'



Central Carolina Soil Consulting, PLLC
 1900 South Main Street, Suite 110
 Wake Forest, North Carolina 27587
 Phone (919)569-6704 Fax (919)569-6703

4-Bedroom Soils Map
 Lot 87, Sorrell Oaks Subdivision
 Franklin County, North Carolina

Job#:	5101
Drawn By:	JH
Date:	12/12/2024
Revision:	

PRELIMINARY PLOT PLAN FOR
KEN HARVEY HOMES

LOT 87, SORRELL OAKS SUBDIVISION PH.1

95 CHERRY BARK DRIVE

REF: 2024, PG. 21-24

YOUNGSVILLE TOWNSHIP
FRANKLIN COUNTY, NORTH CAROLINA

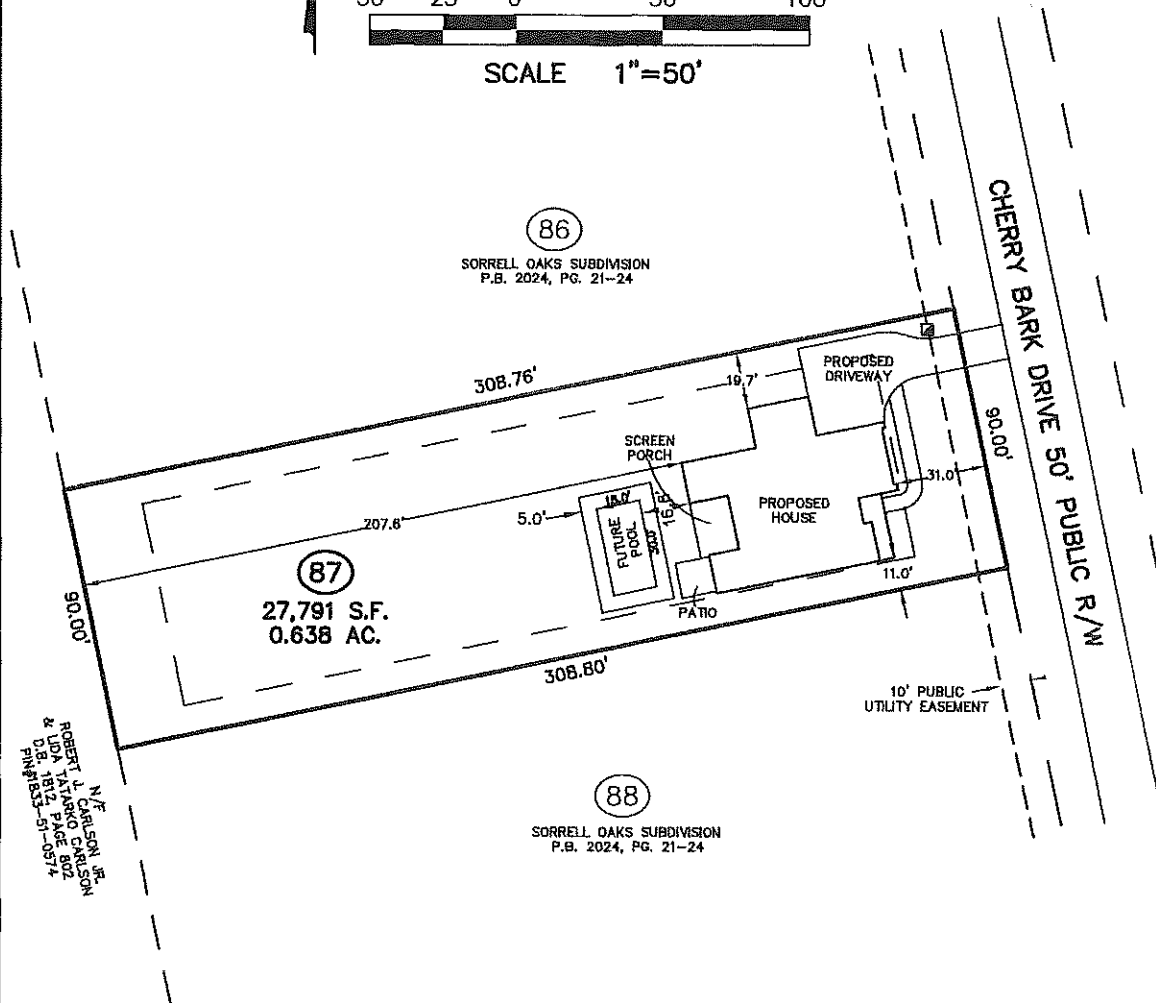
NOVEMBER 6, 2024

REVISED NOVEMBER 21, 2024

REVISED JANUARY 8, 2025



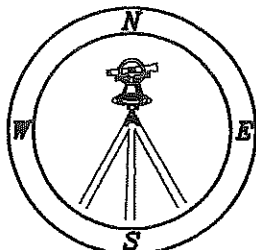
SCALE 1"=50'



THIS SURVEYOR DOES NOT
WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
THE CONTRACTOR.

IMPERVIOUS SURFACE TABLE

HOUSE	3,060 S.F.
SCREEN PORCH	250 S.F.
DRIVEWAY	1,192 S.F.
PATIO	144 S.F.
POOL APRON	550 S.F.
SIDEWALKS	236 S.F.
MISC/UTILITIES	18 S.F.
TOTAL IMPERVIOUS AREA	5,450 S.F.
MAX IMPERVIOUS ALLOWED	7,000 S.F.



CMP

Professional Land Surveyors
C-1525

333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

NOTES:

-THIS PLAN DOES NOT REFLECT AN
ACTUAL SURVEY. IT IS A PRELIMINARY
PLAN AND SHOULD BE USED FOR ITS
INTENDED PURPOSE ONLY.
-NOT FOR RECORDATION, CONVEYANCES,
OR SALES.