

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL PERMIT

***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED
OR INTENDED USE CHANGED***

WELL CONSTRUCTION AUTHORIZATION

PERMIT #: GW-141356-2025

APPLICATION DATE: 02/18/2025

SITE INFORMATION:

PIN: 1773747019

SITE ADDRESS: 11105 PATINA LN
WENDELL, 27591

SUBDIVISION: ROCKDELL

LOT: 1

ACRES: 1

TOWNSHIP: 10 - Marks Creek

JURISDICTION: RR

ZONING:

APPLICANT: Joshua Moody

PHONE NUMBER: (336) 268-2039

OWNER:

PROPOSED USE:

EXISTING USE:

PERMIT CONDITIONS & COMMENTS:

A review of GIS datasets revealed one or more buildings built between the years 1948 and 1987 within 150 feet of the subject parcel. Additional testing of this well for Pesticides will be required for final approval of this water supply.

Due to the underlying geology at this site, Wake County requires testing of this well for Gross Alpha* activity to screen for radiological contaminants. In addition, Wake County recommends a test for radon in water.

*GROSS ALPHA TESTING NOTE: Please allow 8 to 12 weeks for gross alpha testing. Initial gross alpha testing takes 3 to 4 weeks. If the initial test exceeds drinking water standards (which happens in approximately 1 in 5 cases), installation of treatment is required along with confirmation testing of the treated water, requiring an additional 3 to 4 weeks for the confirmation test. If the initial treatment system installed is insufficient, additional corrective action and testing will be required.

Recommended: A review of GIS datasets revealed no known contamination sites within 1500 ft of the subject parcel, however, due to a history of agriculture, Wake County recommends additional testing of this well for Pesticides and Volatile Organic Compounds (VOCs) as a precaution.

Well Setbacks:

1. 80' from septic tank.
2. 30' from perimeter of house.
3. 40' from east property line.
4. 60' from west property line.
5. 20' from south property line.

* Well driller must verify all distance requirements before drilling.

* Well area: 25' x 8'

OTHER CONDITIONS:

:

SCOPE: SATISFIED?:

COMMENTS:

See attached site plan for well location and wastewater system design. If changes are necessary, prior approval by this Wake County Environmental Services is required before installation. The testing required under this permit does not include all possible contaminants. Private wells are not routinely monitored by a utility or other agency. Continued monitoring of private wells and testing for contaminants other than those required for the certificate of completion or certificate of occupancy is the responsibility of the well owner. Neither Wake County nor the Environmental Health Specialist warrants the quantity or quality of water produced by this well.

This construction authorization permit expires on 02/25/2030.

PERMIT ISSUED: 02/26/2025

ISSUED BY: Glen Shoemaker

SIGNATURE:

A handwritten signature in blue ink, reading "Glen C. Shoemaker", is written over a light blue rectangular background.



PRELIMINARY PLOT PLAN FOR

TRADITION HOMES

LOT 1, ROCKDELL SUBDIVISION

11105 PATINA LANE

REF: B.M. 2024, PAGE 1361

TOWN OF WENDELL

WAKE COUNTY, NORTH CAROLINA

JULY 18, 2024

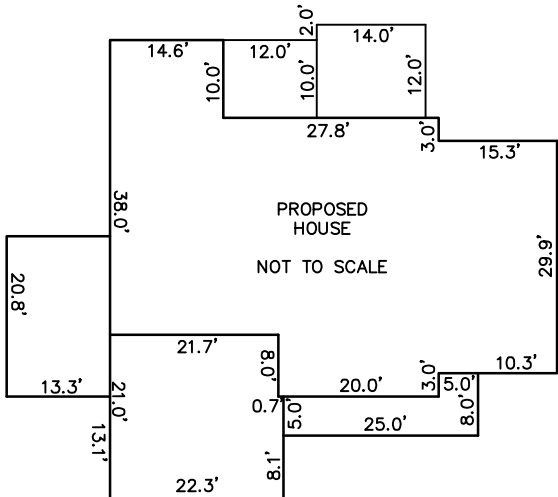
REVISED AUGUST 27, 2024

REVISED JANUARY 8, 2025

ZONED RR



SCALE 1"=60'



N/F
ANNE ANTHONY
D.B. 11059, PAGE 1475
B.M. 2003, PAGE 844
PIN# 1773-74-5341

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ROCKDELL SUBDIVISION
B.M. 2024, PAGE 1361

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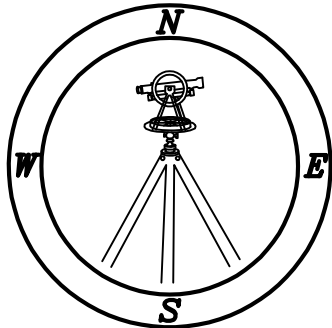
N/F
RALPH BARKER
& WANDA BARKER
D.B. 12176, PAGE 1869
B.M. 2005, PAGE 1157
PIN# 1773-74-5140

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ROCKDELL SUBDIVISION
B.M. 2024, PAGE 1361

IMPERVIOUS SURFACE TABLE

HOUSE	2,830 S.F.
PATIO	120 S.F.
SCREEN PORCH	167 S.F.
DRIVEWAY	1,338 S.F.
SIDEWALKS	121 S.F.
MISC/UTILITIES	18 S.F.
TOTAL IMPERVIOUS AREA	4,594 S.F.
TOTAL LOT AREA	39,624 S.F.
PERCENTAGE OF IMPERVIOUS AREA	11.59%

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



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.