

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

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

CONSTRUCTION AUTHORIZATION PERMIT

PERMIT # WRP-070696-2021 **APPLICATION DATE:** 11/15/2021 **BLDG. PERMIT#:** RBPR-070921-2021

PIN: 1831472588 **RECORDED:** Yes

TOWNSHIP: 19 - Wake Forest **JURISDICTION:** Wake County **ZONING:** R-40W

APPLICANT: Speight Built
12333 Wingspread WAY
Raleigh, NC 27614

BUSINESS PHONE: (919) 889-5694
HOME PHONE:
MOBILE PHONE: (919) 889-5694

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**

SITE ADDRESS: 2928 WEXFORD POND WAY

SUBDIVISION: WEXFORD RESERVE PH 1 **LOT:** 37 **ACRES:** 0.69

DIRECTIONS: From Highway 98, turn left onto Thompson Mill Rd. Turn right onto Jenkins Rd and then right onto Wexford Woods Ln. Turn left onto Wexford Pond Way. Lot is approximately 300 feet on the right.

Contractors shall install system on contour. See attached SITE PLAN for wastewater system design and well location. No underground utilities, water lines or sprinklers systems may be located in the original system, or permit areas. A septic tank filter with two risers for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and Operations Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrifications line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

CONSTRUCTION AUTHORIZATION PERMIT VALID FOR: Five Years

CONSTRUCTION AUTHORIZATION PERMIT: CA STATUS: Issued **BY:** Jeremy Davis **DATE:** 01/31/2022

CA VALID FOR: Five Years **DESIGN FLOW:** 480 GALLONS **BASEMENT:** Yes **BASEMENT FIXTURES:** Yes

SEPTIC TANK: 1200 GALLONS **SEPTIC TANK FILTER:** Yes
DOSING PUMP TANK: **DOSING PUMP TANK FILTER:**
GREASE TRAP: **GREASE TRAP FILTER:**
RECIRCULATION PUMP TANK: **RECIRCULATION PUMP TANK FILTER:**

PROPOSED SYSTEM: 0.25 - 25% Reduction (Innovative or Accepted) **EXISTING SYSTEM:** No
DRAINFIELD SQ. FT: 1,200 **AGGREGATE DEPTH:** 12 **MAX. TRENCH DEPTH:** 30 INCHES

DISTRIBUTION DEVICE: GP - Gravity Parallel
TRENCH #: 4 **TRENCH LENGTH:** 100 FEET **TRENCH WIDTH:** 36 INCHES **TOTAL TRENCH LENGTH:** 400 FEET

CENTER SPACING: 9 FEET **MINIMUM SOIL COVER:** 6 INCHES

PRETREATMENT:
SUBFIELDS #:
PUMP TDH:

APPROVAL #:
PUMP DESIGN FLOW:
ZONE VALVE: No

ASDMS REQUIRED: No
P.E. SIGN OFF/ASBUILT REQUIRED: No

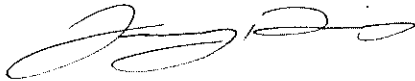
LINE OF CREDIT REQUIRED: No
TRIPARTY AGREEMENT REQUIRED: No

OPERATOR REQUIRED: No

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

- System designed for 4 bedroom home, having 480 gals per day (Design Flow).
- Future Repair is a IIIB type system (50% reduction system PPBPS – (Horizontal) . With a Max Trench depth of 30" and a 0.30 LTAR.
- Site serviced by community well water.
- No cutting, grading, alterations, or utilities in septic area.
- Maintain all required setbacks.
- Any deviation from accepted design must be approved by the Consultant (CCSC) and Wake County ES prior to system installation.
- If drain line flags are removed contact your consultant to reflag.
- All property lines must be fully marked at time of install or reinspection required.
- Please contact (Jeremy Davis – 919-868-4982) with any questions prior or during install.

Issued By:



Date: 01/31/2022

SPEIGH BUILT

LOT 37, WEXFORD RESERVE
SUBDIVISION, PH. 1

2928 WEXFORD POND WAY

REF: B.M. 2019, 914-918

WAKE FOREST TOWNSHIP

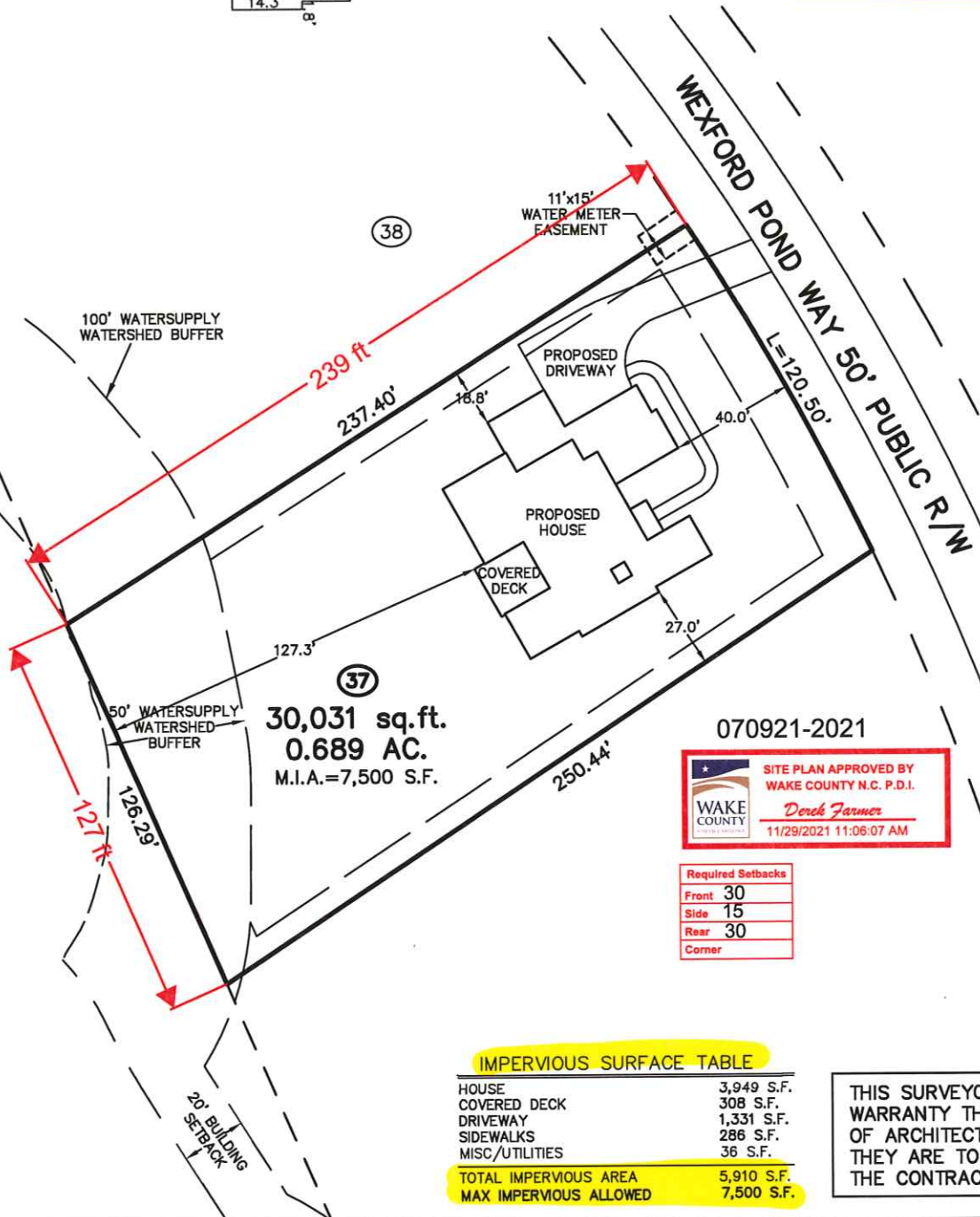
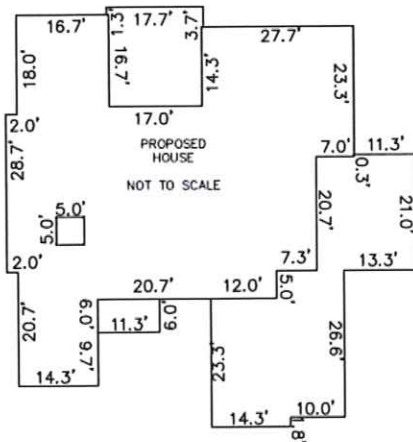
WAKE COUNTY, NORTH CAROLINA

OCTOBER 12, 2021

ZONED R-40W



SCALE 1"=50'



070921-2021



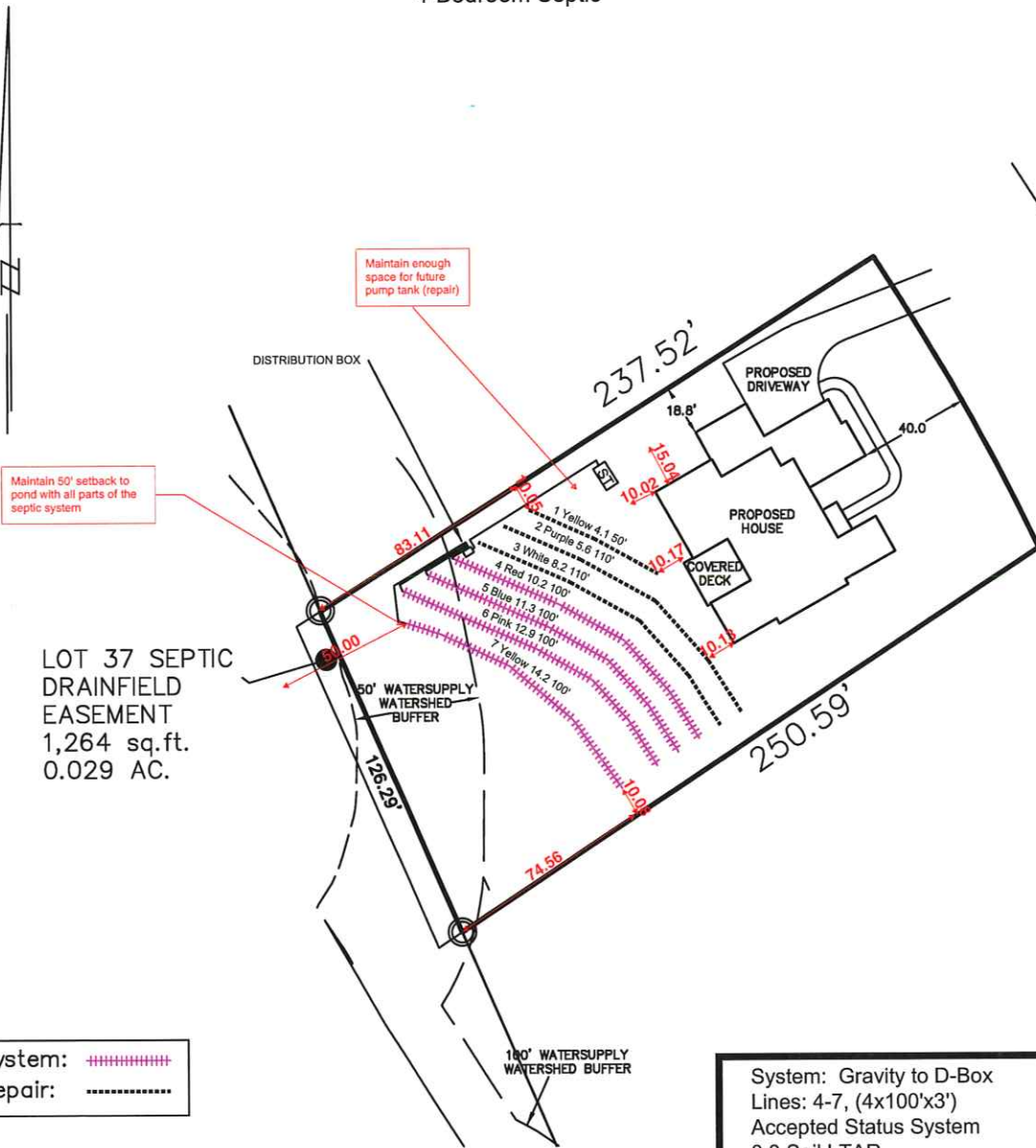
Required Setbacks	
Front	30
Side	15
Rear	30
Corner	

IMPERVIOUS SURFACE TABLE

HOUSE	3,949 S.F.
COVERED DECK	308 S.F.
DRIVEWAY	1,331 S.F.
SIDEWALKS	286 S.F.
MISC/UTILITIES	36 S.F.
TOTAL IMPERVIOUS AREA	5,910 S.F.
MAX IMPERVIOUS ALLOWED	7,500 S.F.

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

Wexford S/D Lot 37
4-Bedroom Septic



System: —————
Repair: - - - - -

System: Gravity to D-Box
Lines: 4-7, (4x100'x3')
Accepted Status System
0.3 Soil LTAR
30" Trench Bottom

Repair: Pressure Manifold
Lines: 1-3 (270')
T&J Panel 50% Reduction
0.3 Soil LTAR
30" Trench Bottom



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

SEPTIC SITE PLAN
Lot 37 Wexford Subdivision
Wake County, North Carolina

Job# : 1961
Drawn By : MB
Date : 11/27/2018
Revision: 01/28/2022