

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

IMPROVEMENT PERMIT

PERMIT #: WRP-134558-2024

APPLICATION DATE: 10/18/2024

BLDG. PERMIT #: RBPR-134842-2024

PIN: 1812600784

RECORDED: Yes

TOWNSHIP: 14 - New Light

JURISDICTION: Wake County

ZONING: R-40W

APPLICANT: Brandywine Homes, Inc.
PO Box 910

BUSINESS PHONE: (919) 554-3351

HOME PHONE:

MOBILE PHONE: (919) 740-1935

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 1112 DELILIA LN

SUBDIVISION: PRESCOTT MANOR SUB PH 2

LOT: 89

ACRES: 0.67

DIRECTIONS: Capital Blvd North to Wake Forest. Take 98 West, turn Right onto Stony Hill Rd. Turn Left onto Prescott Manor Way, then turn Left onto Perry Bluff Dr., then turn left onto Mary Claire Lane, and turn right onto Delilia Lane. Lot 89 is the 3rd lot on the left.

Permit is subject to revocation if the Site Plan or Plat changes or the intended use changes.

*Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

IP VALID FOR: Five Years AS PER GS 130A-335 (f)

DESIGNED BY: Soil & Environmental Consultants, INC.

SYSTEM LAYOUT: Private Sector

SITE CLASSIFICATION: Suitable

IP STATUS: Issued

BY: Hunter Gregg

DATE: 12/17/2024

NUMBER OF BEDROOMS: 4

OR TOTAL NUMBER OF OCCUPANTS: 8

PERMITTED DESIGN FLOW: 360 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: II B

LTAR: 0.300

EXISTING SYSTEM UTILIZED: No

PRETREATMENT STRENGTH REQUIRED: None

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 18 INCHES

PUMP REQUIRED: No

SPECIFIC SYSTEM REQUIREMENTS: -Permit is for 4-bedroom home with a design flow of 360 GPD (Engineer Flow Reduction utilized).

-Initial System is Type II B using Accepted 25% Reduction drainfield product with gravity/serial distribution and 0.3 LTAR.

-Maximum trench depth for Initial system is 18" in order for 0.3 LTAR to be used (limiting condition encountered at 44").

-Future Repair System is Type III B/E using Horizontal PPBPS with pressure manifold distribution and 0.3 LTAR.

-Maximum trench depth for Repair is 31" (limiting condition is bottom of pit at 60").

-Future Repair system is a saprolite system.

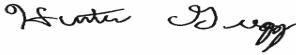
-Site served by community well water.

-Any deviation from accepted design must be approved by Wake County Onsite Water Protection prior to system installation.

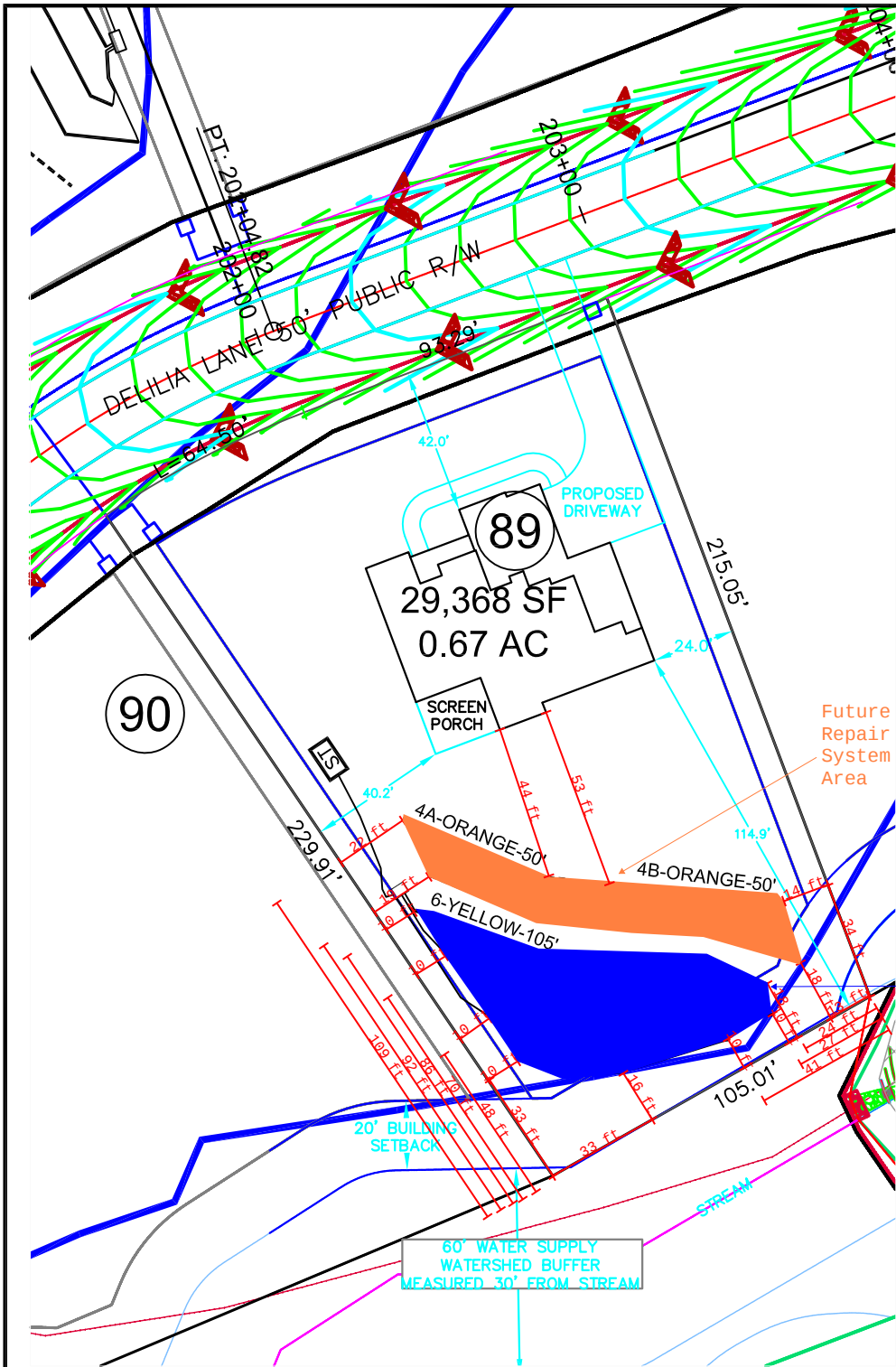
-No cutting, grading, alterations, or utilities in septic area.

-Maintain all required setbacks.

ISSUED BY:



DATE: 12/17/2024



4-BEDROOM FLOW REDUCTION
GRAVITY SYSTEM
LINES 6-9 0.3 LTAR EZ FLOW

4-BEDROOM FLOW REDUCTION
PRESSURE MANIFOLD REPAIR
LINES 4A, 4B, 5A, 5B 0.3 LTAR
HORIZONTAL PANEL BLOCK

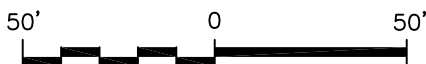
LEGEND

	SYSTEM LINE
	REPAIR LINE
	SEPTIC TANK

Initial
System
Area



GRAPHIC SCALE
1" = 50'



NOTES:

- 1) SITE DATA TO INCLUDE PROPERTY BOUNDARIES, STRUCTURE LOCATION, UTILITIES, ROADS, AND OTHER SITE FEATURES WERE PROVIDED BY THE CAWTHRONE, MOSS, PANICERIA SURVEYORS AND ARE SHOWN TO DISPLAY GENERAL SITE CONDITIONS.
- 2) ALL LOCATIONS, ELEVATIONS, AND DIMENSIONS ARE APPROXIMATE AND AS SUCH NO SPECIFIC ACCURACY EITHER VERTICAL OR HORIZONTAL IS IMPLIED.
- 3) THIS MAP AND CORRESPONDING SITE EVALUATION IS NOT CONFORMANT TO THE ENGINEERED OPTION PERMIT (EOP) OR LSS OPTION PERMIT PROCESS. ADDITIONAL SITE TESTING AND EVALUATIONS WILL BE REQUIRED TO UTILIZE THE EOP OR LSS OPTION PROCESS.
- 4) PROPERTY AND EASEMENT BOUNDARIES SHOWN ON THIS SITE SKETCH ARE APPROXIMATE AND ARE NOT INTENDED FOR LOCATING PROPERTY OR IDENTIFYING PROPERTY OR EASEMENT CORNERS. THIS IS NOT A SURVEY. DECEMBER 2021

S&EC

Soil & Environmental Consultants, PA

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Project: PRESCOTT MANOR, LOT 89		Project No.: 14267.53	
		Project Manager: RP	Drawn: CC, JM
Location: WAKE CO., NC	Client: BRANDYWINE HOMES	Scale: 1" = 50'	Field Work: JM, CC
Sheet Title: SEPTIC SYSTEM AND REPAIR LAYOUT		Sheet No.: 1 of 1	