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

OPERATIONS PERMIT

PERMIT # WRP-034417-2020 **APPLICATION DATE:** 03/06/2020 **BLDG. PERMIT#: RBPR-034889-2020**

PIN: 1813347481 **RECORDED:** Yes

TOWNSHIP: 14 - New Light **JURISDICTION:** Wake County **ZONING:** R-40W

APPLICANT: NORMAN DILLARD
14112 BOLD RUN HL

BUSINESS PHONE: (919) 369-4128
HOME PHONE:
MOBILE PHONE:

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

SITE ADDRESS: 8540 SELDOM SEEN PL

SUBDIVISION: THE PINES AT CRESENT RIDGE **LOT:** 13 **ACRES:** 0.92

DIRECTIONS: From Six forks and Hwy 98
North on six forks crossing hwy 98 toward granville county
Right on Woodlief road
Left on Crescent Ridge
Right on Lyra Place
Lot on right

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration
INSTALLED BY: MURPHREY, BRITT E - 4300 - IV
PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**
SYSTEM TYPE INSTALLED: II A
OPERATION PERMIT: STATUS: Issued **ISSUED BY:** Marlena Brown **ISSUED DATE:** 07/30/2021

SEPTIC TANK: Erader Mills - STB-857 - 1200 gallons **DATE OF MANUFACTURE:** 04/13/2021 **FILTER:** Polylok - PL-68
GREASE TRAP: **DATE OF MANUFACTURE:** **FILTER:**
DOSING PUMP TANK: **DATE OF MANUFACTURE:** **FILTER:**
CC1: **ETM1:** **CC2:** **ETM2:**

RECIRCULATION TANK: **DATE OF MANUFACTURE:**

CC1: **ETM1:** **CC2:** **ETM2:**

SEPTIC TANK ELEVATION: 3.50 **GREASE TRAP ELEVATION:** **DOSING PUMP TANK ELEVATION:**

RECIRCULATION TANK ELEVATION: **DISTRIBUTION DEVICE ELEVATION:** 7

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
24	12	135	8.16
24	12	135	10
24	12	135	11

ACTUAL PRESSURE HEAD: **ACTUAL FLOW RATE:** **ACTUAL DOSE VOLUME:**

SPECIFIC OPERATION REQUIREMENTS:

-4 bedroom home, having 480 gals per day

ISSUED BY: 

DATE: 07/30/2021

RBPR-034889-2020

SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.
Tiya Shields
01/27/2021 9:56:10 AM

PRELIMINARY PLOT PLAN FOR

PAKT

LOT 13, THE PINES AT CRESCENT RIDGE

8540 SELDOM SEEN PLACE

REF: D.B. 17152, PAGE 2509

REF: B.M. 2020, PAGE 204

NEW LIGHT TOWNSHIP

WAKE COUNTY, NORTH CAROLINA

FEBRUARY 27, 2020

REVISED MARCH 19, 2020

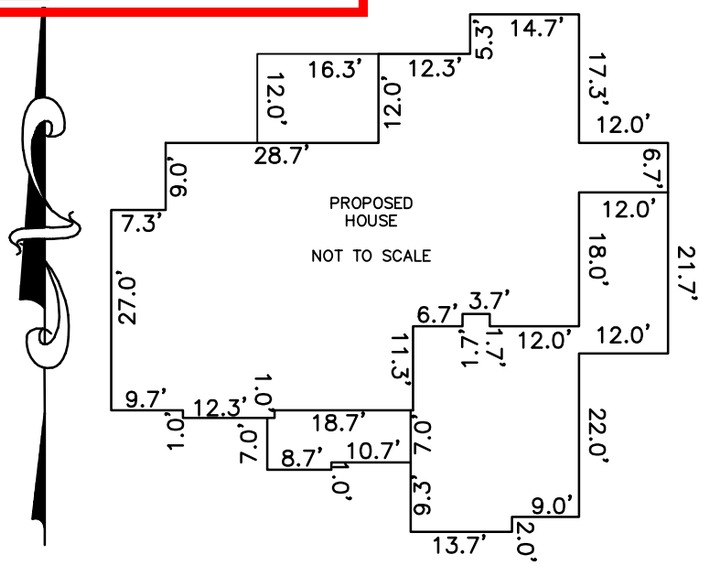
REVISED JANUARY 18, 2021

REVISED JANUARY 25, 2021

ZONED R-40W

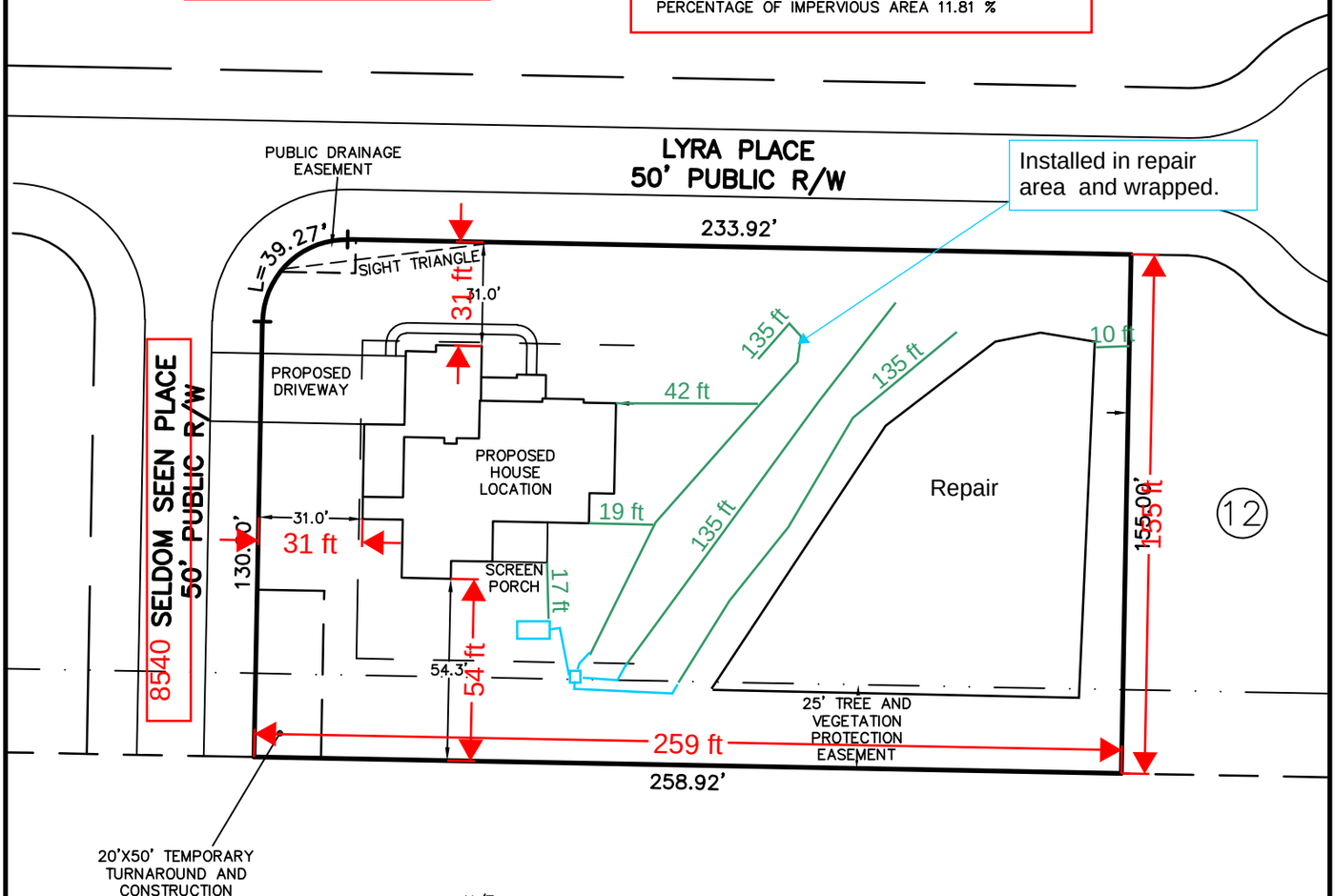
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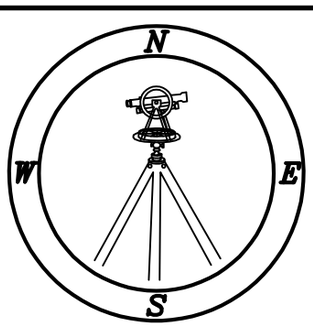


IMPERVIOUS SURFACE TABLE	
HOUSE	3,452 S.F.
COVERED PORCH	196 S.F.
DRIVEWAY	881 S.F.
SIDEWALKS	180 S.F.
MISC/UTILITIES	18 S.F.
TOTAL IMPERVIOUS AREA	4,727 S.F.
TOTAL LOT AREA	40,000 S.F.
PERCENTAGE OF IMPERVIOUS AREA	11.81 %

Required Setbacks	
Front	30
Side	15
Rear	30
Corner	



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



CAWTHORNE, MOSS & PANCIERA, P.C.

Professional Land Surveyors
C-1525

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

NOTES:
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CONSTRUCTION AUTHORIZATION PERMIT

PERMIT # **WRP-034417-2020** **APPLICATION DATE:** 03/06/2020 **BLDG. PERMIT#:** **RBPR-034889-2020**

PIN: 1813347481 **RECORDED:** Yes

TOWNSHIP: 14 - New Light **JURISDICTION:** Wake County **ZONING:** R-40W

APPLICANT: NORMAN DILLARD
14112 BOLD RUN HL
WAKE FOREST, NC 27587

BUSINESS PHONE: (919) 369-4128
HOME PHONE:
MOBILE PHONE:

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

SITE ADDRESS: 8540 SELDOM SEEN PL

SUBDIVISION: THE PINES AT CRESENT RIDGE **LOT:** 13 **ACRES:** 0.92

DIRECTIONS: From Six forks and Hwy 98
North on six forks crossing hwy 98 toward granville county
Right on Woodlief road
Left on Crescent Ridge
Right on Lyra Place
Lot on 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:** 05/14/2021

CA VALID FOR: Five Years **DESIGN FLOW:** 480 GALLONS **BASEMENT:** No **BASEMENT FIXTURES:** No

SEPTIC TANK: 1200 GALLONS
DOSING PUMP TANK:
GREASE TRAP:
RECIRCULATION PUMP TANK:

SEPTIC TANK FILTER: Yes
DOSING PUMP TANK FILTER:
GREASE TRAP FILTER:
RECIRCULATION PUMP TANK FILTER:

PROPOSED SYSTEM: 0.25 - 25% Reduction (Innovative or Accepted) **EXISTING SYSTEM:** No
DRAINFIELD SQ. FT: 1,215 **AGGREGATE DEPTH:** 12 **MAX. TRENCH DEPTH:** 24 INCHES

DISTRIBUTION DEVICE: GP - Gravity Parallel

TRENCH #: 3 **TRENCH LENGTH:** 135 FEET **TRENCH WIDTH:** 36 INCHES **TOTAL TRENCH LENGTH:** 405 FEET

CENTER SPACING: 9 FEET
PRETREATMENT:
SUBFIELDS #:
PUMP TDH:

MINIMUM SOIL COVER: 6 INCHES
APPROVAL #:
PUMP DESIGN FLOW:
ZONE VALVE:

ASDMS REQUIRED: No **LINE OF CREDIT REQUIRED:** No **OPERATOR REQUIRED:** No
P.E. SIGN OFF/ASBUILT REQUIRED: No **TRIPARTY AGREEMENT 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. With a Max Trench depth of 24” and a 0.30 LTAR.
-Site serviced by Private Well water.
-Any deviation from accepted design must be approved by the Consultant (CCSC) and Wake County ES prior to system installation.
-(If drain line flags removed contact your consultant to reflag.)
-Maintain all required setbacks.
-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:** 05/14/2021

RBPR-034889-2020

SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.
Tiya Shields
01/27/2021 9:56:10 AM

PRELIMINARY PLOT PLAN FOR

PAKT

LOT 13, THE PINES AT CRESCENT RIDGE

8540 SELDOM SEEN PLACE

REF: D.B. 17152, PAGE 2509

REF: B.M. 2020, PAGE 204

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WAKE COUNTY, NORTH CAROLINA

FEBRUARY 27, 2020

REVISED MARCH 19, 2020

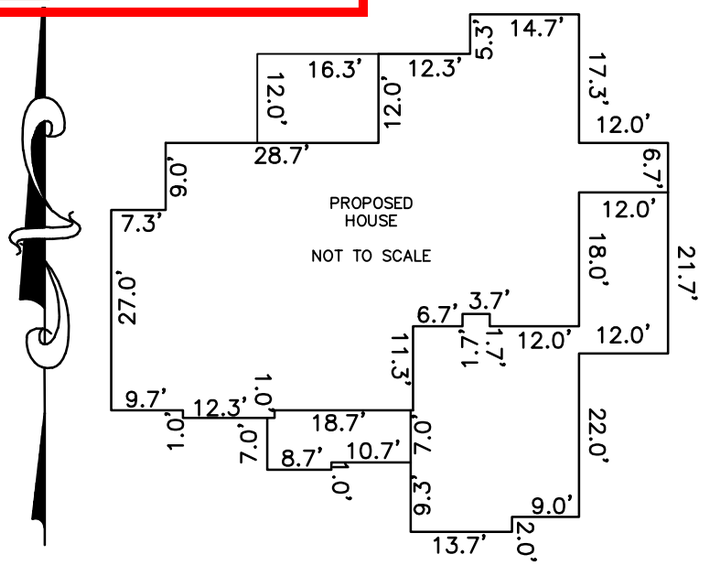
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ZONED R-40W

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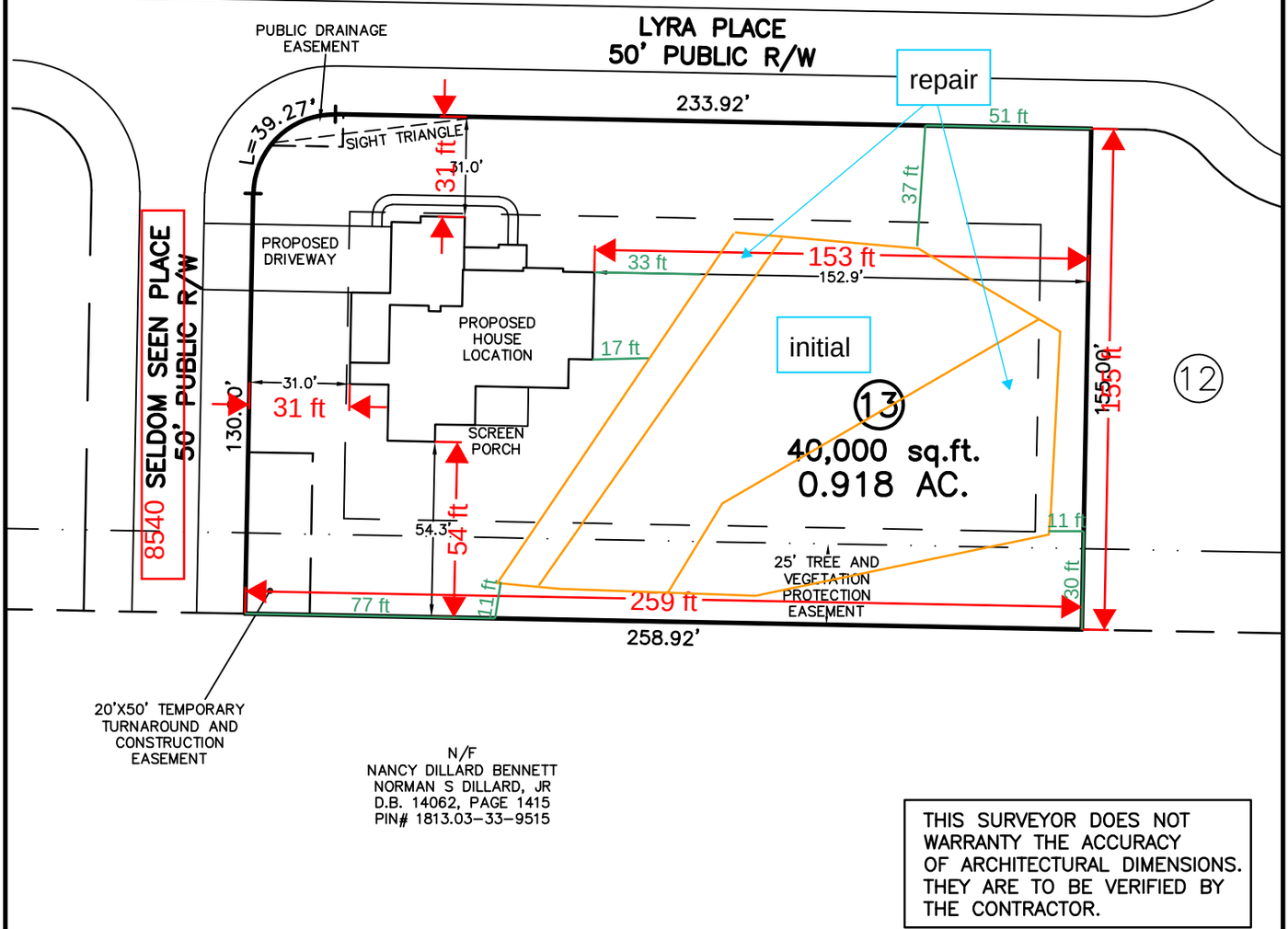
SCALE 1"=50'



IMPERVIOUS SURFACE TABLE

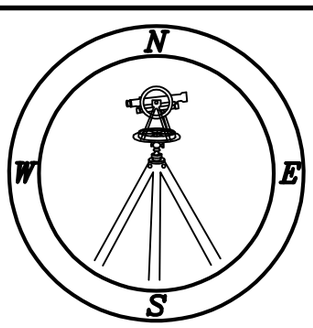
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TOTAL LOT AREA	40,000 S.F.
PERCENTAGE OF IMPERVIOUS AREA	11.81 %

Required Setbacks	
Front	30
Side	15
Rear	30
Corner	



N/F
NANCY DILLARD BENNETT
NORMAN S DILLARD, JR
D.B. 14062, PAGE 1415
PIN# 1813.03-33-9515

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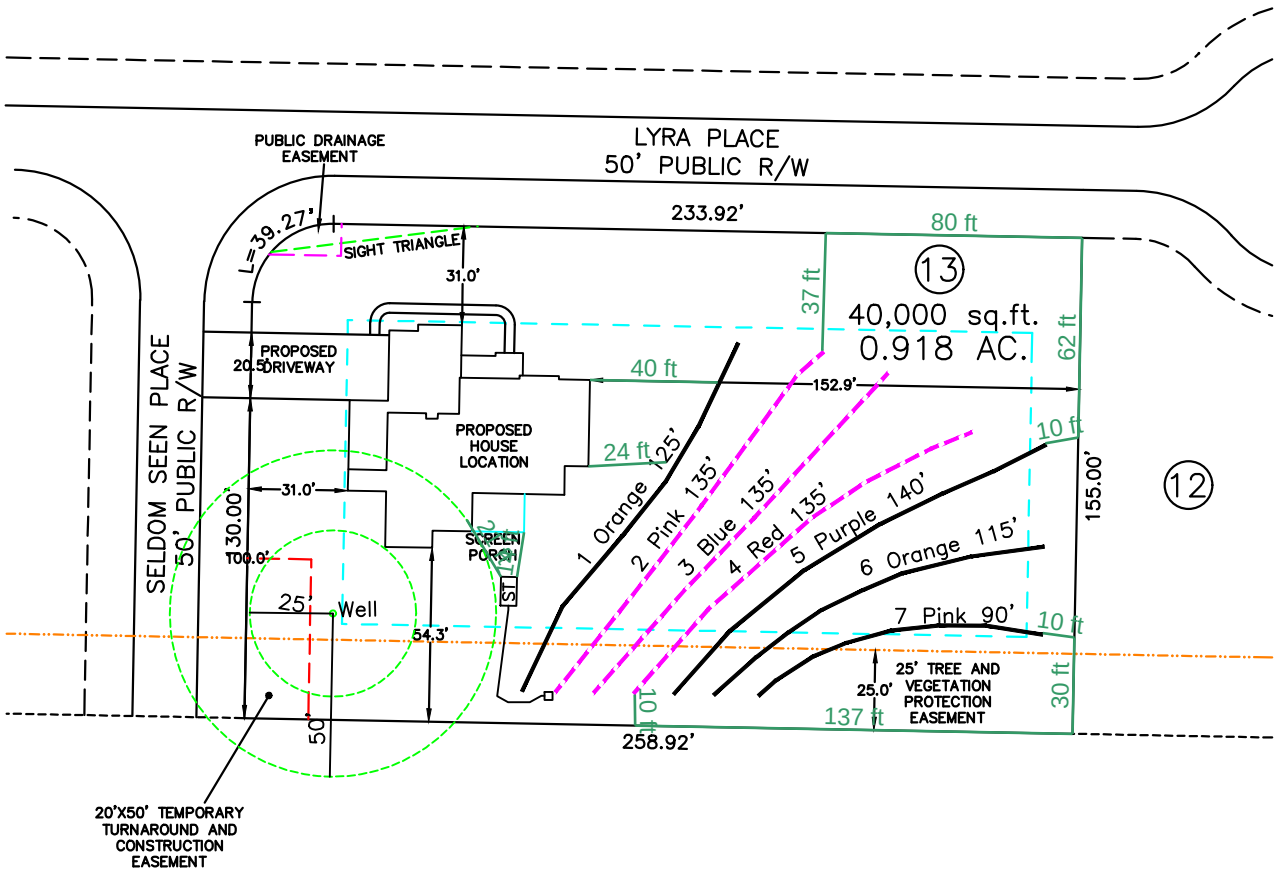


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333 S. White Street
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(919)556-3148

NOTES:
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System:
Repair:

*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" = 60'

60 0 60 120

System: Gravity to D-Box
Lines: 2-4, (405')
Accepted Status System
0.3 Soil LTAR

Repair: Pressure Manifold
Lines: 1, 5-7, (470')
Accepted Status System
0.3 Soil LTAR

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 Septic Layout
Lot 13, The Pines at Crescent Ridge
Wake County, North Carolina

Job# : 3276
Drawn By : JR
Date : 04/14/2020
Revision: 05/12/2021

WAKE COUNTY NORTH CAROLINA

Environmental Services

TEL 919 856 7400
FAX 919 856 7407

Water Quality Division
336 Fayetteville St. • P.O. Box 550 • Raleigh, NC 27602
www.wakegov.com/water/

Application Revision Form

Wastewater Permit: WRP-034417-2020 Building Permit: RSPR-034889-2020

Parcel PIN: 1813347481

Well Permit: GW-034418-2020

☐ Change Number of Bedrooms from _____ to _____

☐ Change Applicants Name to _____
Must have account in permit portal

☐ Change Number of Employees _____

☐ Change Basement: Circle one: Yes No Partial (Demonstrate location on attached site plan)

☐ Change project Address 8540 Seldom Seen Place, Wake Forest, NC 27587

☐ Other _____

Applicant Signature: _____ Date: 5-6-21

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

May 14, 2021
Project # 3276

Wake Co. Department of Environmental Services
Attention: Geoffrey Pearson
PO Box 550
Raleigh, NC 27602

RE: Proposed use of on-site sewage disposal systems in the 25' Tree and Vegetative Protection Zones on lot 13 in The Pines at Crescent Ridge.

Dear Mr. Pearson:

This letter is reference to Wake County's Unified Development Code (16-10-J (1)) to substantiate that the location of the proposed primary wastewater drain field and/or components on lot 13 in the 25' Tree and Vegetative Protection Zone(s) is required. Due to the provisionally suitable soil areas, size of proposed houses (4-Bedroom) and topography the location of the wastewater systems are required in the Tree Protection zones to meet the minimum available space required for subsurface septic systems.

Please give me a call if you have any other questions regarding the septic system locations on this lot.

Sincerely,

Jason Hall
NC Licensed Soil Scientist # 1248



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IMPROVEMENT PERMIT

PERMIT #: **WRP-034417-2020** **APPLICATION DATE:** 03/06/2020 **BLDG. PERMIT #: RBPR-034889-2020**

PIN: 1813347481 **RECORDED:** Yes

TOWNSHIP: 14 - New Light **JURISDICTION:** Wake County **ZONING:** R-40W

APPLICANT: PAKT CONSTRUCTION
14112 BOLD RUN HL

BUSINESS PHONE: (919) 369-4128
HOME PHONE:
MOBILE PHONE:

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

SITE ADDRESS: 1924 LYRA PL

SUBDIVISION: THE PINES AT CRESENT RIDGE **LOT:** 13 **ACRES:** 0.92

DIRECTIONS: From Six forks and Hwy 98
North on six forks crossing hwy 98 toward granville county
Right on Woodlief road
Left on Crescent Ridge
Right on Lyra Place
Lot on right

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: CCSC
SYSTEM LAYOUT: Private Sector
SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued **BY:** Jeremy Davis **DATE:** 05/14/2021

NUMBER OF BEDROOMS: 4 **OR TOTAL NUMBER OF OCCUPANTS:** 8
PERMITTED DESIGN FLOW: 480 GPD
BASEMENT: No **BASEMENT PLUMBING:** No
WASTEWATER STRENGTH: Domestic
SYSTEM TYPE: II A
LTAR: 0.300
EXISTING SYSTEM UTILIZED: No
PRETREATMENT STRENGTH REQUIRED: None
EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 24 INCHES
PUMP REQUIRED: No

SPECIFIC SYSTEM REQUIREMENTS: -System designed for 4 bedroom home, having 480 gals per day (Design Flow).
-Future Repair is a IIIB type system. With a Max Trench depth of 24” and a 0.30 LTAR.
-Site serviced by private well water.
-No cutting, grading, alterations, or utilities in septic area.
-Maintain all required setbacks.

ISSUED BY: 

DATE: 05/14/2021

RBPR-034889-2020

SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.
Tiya Shields
01/27/2021 9:56:10 AM

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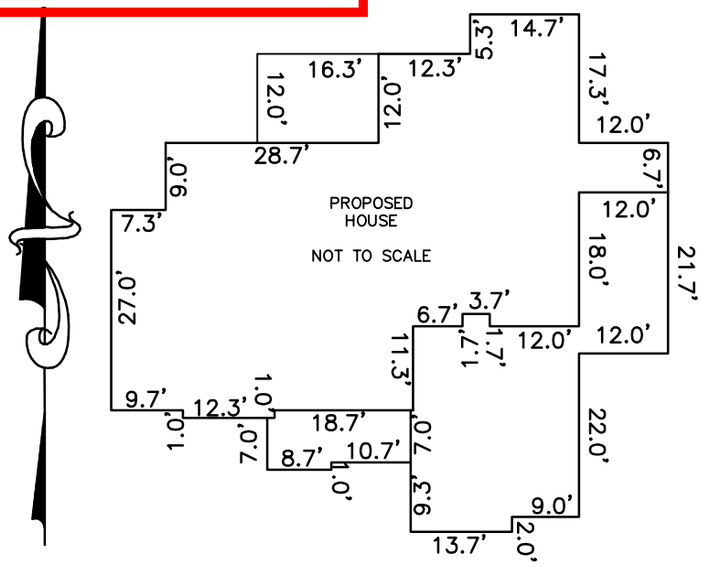
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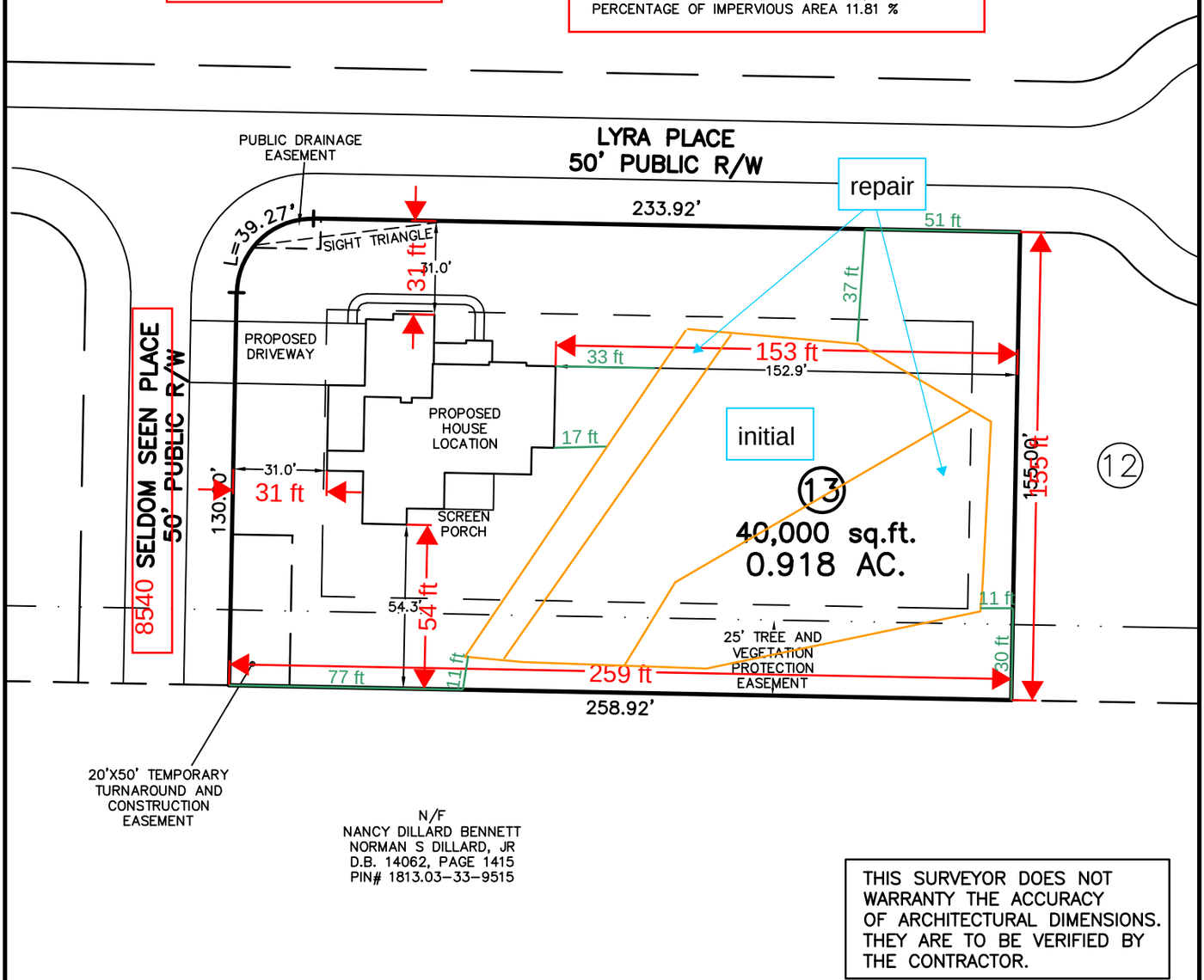
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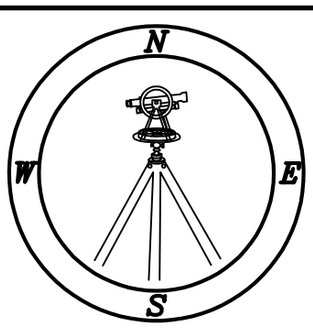
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