

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-124530-2024

APPLICATION DATE: 05/10/2024

BLDG. PERMIT#:

PIN: 2704766563

RECORDED: Yes

TOWNSHIP: 09 - Little River

JURISDICTION: Wake County

ZONING: R-40

APPLICANT: On Point Construction LLC
Scott King
PO BOX 3

BUSINESS PHONE: (919) .52-4.65 ext 58

HOME PHONE:

MOBILE PHONE:

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 1324 NC 96 HWY S

SUBDIVISION: PROP S G BUNN HEIRS

LOT: 9

ACRES: 2.55

DIRECTIONS: 1324 NC HWY 96 Zebulon NC

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: BRANTLEY, CORY - 1036 - IV

PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED: II A

OPERATION PERMIT: **STATUS:** Issued

ISSUED BY: Hunter Gregg

ISSUED DATE: 08/26/2024

SEPTIC TANK:

DATE OF MANUFACTURE:

FILTER: GAG SIM/TECH - STF-110

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:

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 4

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
13	12	25	8.6
13	12	30	9.2
13	12	85	10.54
13	12	30	11.42

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

SPECIFIC OPERATION REQUIREMENTS:

- System is designed for 3-bedroom home with a design flow of 360 GPD.
- See Permit C013590 for additional records.
- System modified due to previously constructed house addition being built over drainline.
- Existing 1000 gallon septic tank used, new distribution box installed.
- 167' drainline under house addition abandoned; other 167' drainline remains in use.
- Lost footage made up with 170' of EZFlow 1203H Geo.
- Imported soil cover approved and applied over new drainfield sections.
- Future Repair System is Type III E using Horizontal PPBPS with gravity/serial distribution and 0.25 LTAR.
- Site served by onsite private well.
- No cutting, grading, alterations, or utilities in septic area.
- Maintain all required setbacks.

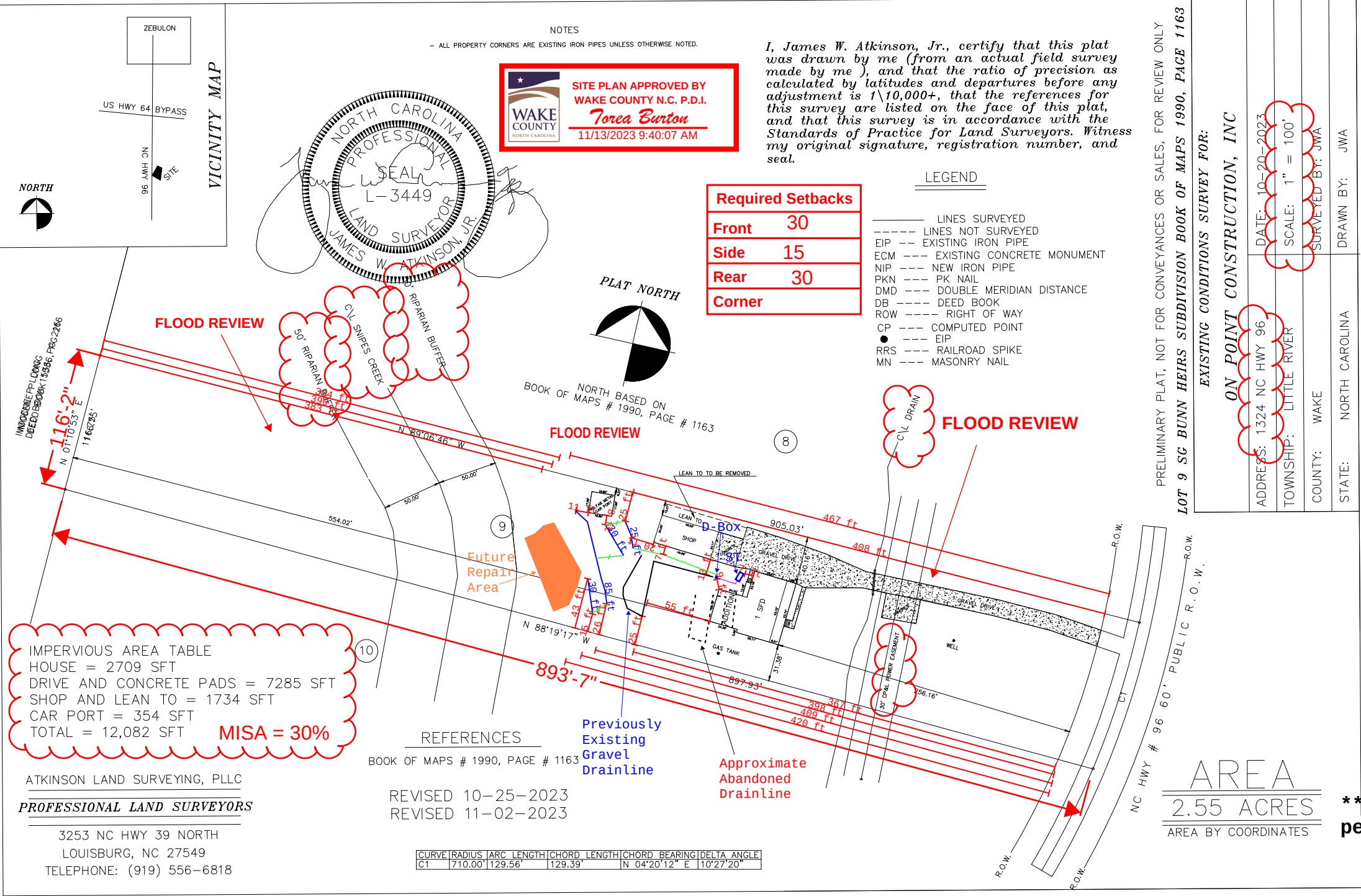
ISSUED BY:

Heather Dugg

DATE: 08/26/2024

RABS-111895-2023

WRP-124530-2024 As-Built



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CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-124530-2024****APPLICATION DATE:** 05/10/2024**BLDG. PERMIT#:****PIN:** 2704766563**RECORDED:** Yes**TOWNSHIP:** 09 - Little River**JURISDICTION:** Wake County**ZONING:** R-40

APPLICANT: On Point Construction LLC
PO BOX 3
Wendell, NC 27591

BUSINESS PHONE: (919) .52-4.65 ext 58**HOME PHONE:****MOBILE PHONE:****HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 1324 NC 96 HWY S**SUBDIVISION:** PROP S G BUNN HEIRS**LOT:** 9**ACRES:** 2.55**DIRECTIONS:** 1324 NC HWY 96 Zebulon NC

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:** Hunter Gregg**DATE:** 06/05/2024**CA VALID FOR:** Five Years**DESIGN FLOW:** 360 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 1000 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:** GTR - Gravel Trench**EXISTING SYSTEM:** Yes**DRAINFIELD SQ. FT:** 1,011**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 13 INCHES**DISTRIBUTION DEVICE:** GP - Gravity Parallel**TRENCH #:** 2**TRENCH LENGTH:** 167, 170 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 337 FEET**CENTER SPACING:** 9 FEET**MINIMUM SOIL COVER:** 6 INCHES**PRETREATMENT:****APPROVAL #:**

SUBFIELDS #:

PUMP TDH:

PUMP DESIGN FLOW:

ZONE VALVE: No

ASDMS REQUIRED: No

LINE OF CREDIT REQUIRED: No

OPERATOR REQUIRED: No

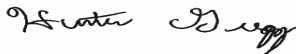
P.E. SIGN OFF/ASBUILT REQUIRED: No

TRIPARTY AGREEMENT REQUIRED: No

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

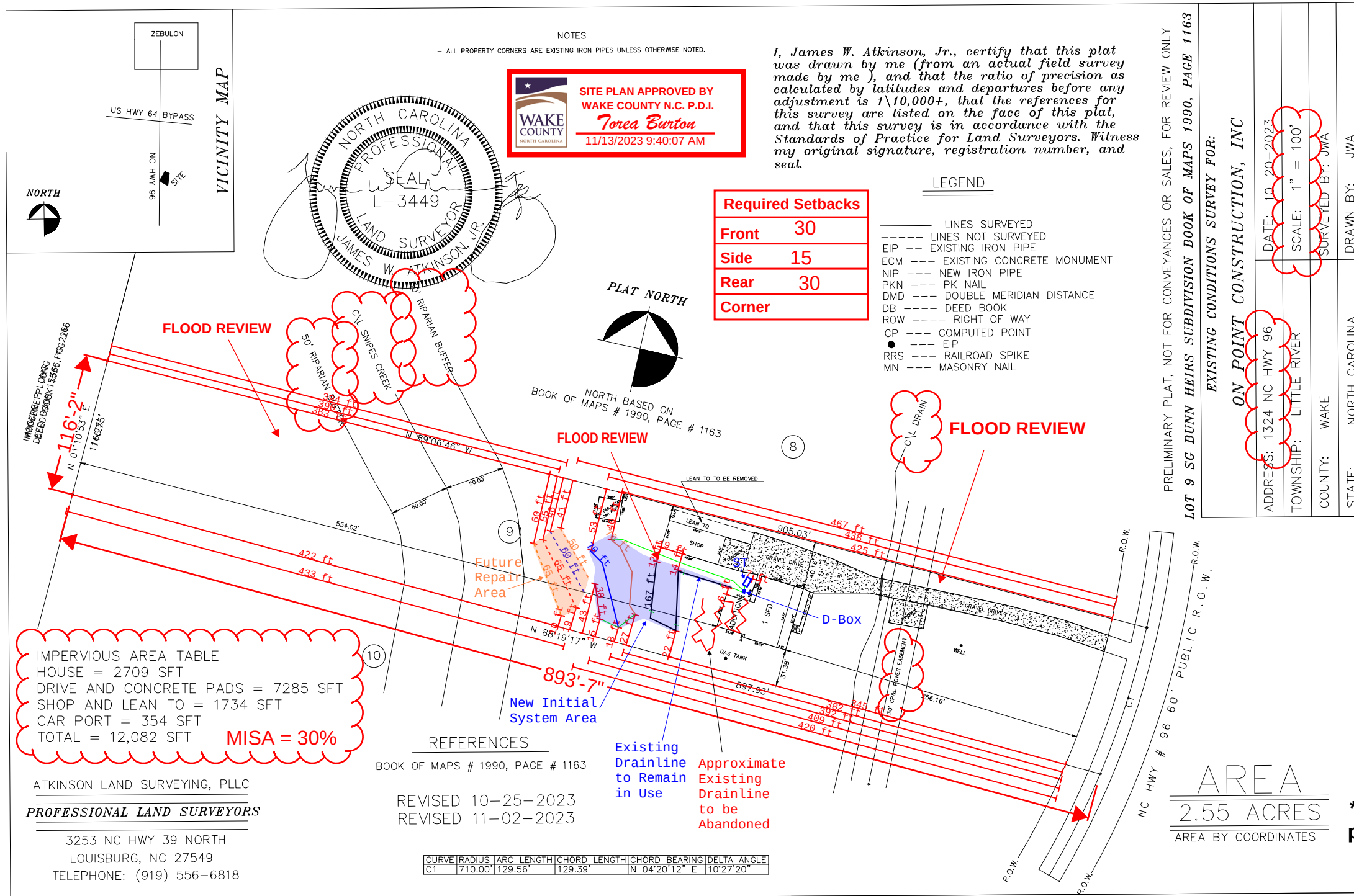
- Existing system is designed for 3-bedroom home with a design flow of 360 GPD.
- System is being modified due to house addition being built over drainline.
- Initial system is Type II A with 0.375 LTAR.
- Abandon existing 167' drainline that is under house addition; other 167' drainline will remain in use.
- Lost footage will be made up with 170' new drainline; Accepted drainfield product may be used, but no reduction may be claimed.
- Distribution is gravity/parallel; existing 167' line has multiple stepdowns, and new 170' section has 3 lines in serial (70', 70', and 30').
- Maximum trench depth for new section of initial system is 13" (limiting condition encountered at 29").
- Future Repair System is Type III E using Horizontal PPBPS with gravity/serial distribution and 0.25 LTAR.
- Maximum trench depth for Repair is 14" (limiting condition encountered at 29")
- Site served by onsite private well.
- New section of Initial System and Future Repair system both require imported soil cover at time of installation. This imported soil must cover the entirety of the system area and extend beyond the system area 5 feet on all sides. A minimum of 6" of soil cover is required after settling; additional soil cover beyond 6" may be required to account for settling. Imported soil cover must be approved by Wake County Onsite Water Protection prior to placement. System area must be seeded and strawed for stabilization.
- Risers and effluent filter shall be added to tank.
- Any deviation from accepted design must be approved by Wake County Onsite Water Protection prior to system installation.
- If drain line flags removed, contact Wake County Onsite Water Protection.
- No cutting, grading, alterations, or utilities in septic area.
- Maintain all required setbacks.
- All property lines must be fully marked at time of install or reinspection required.
- Please contact Hunter Gregg (919-397-7095) with any questions prior to or during install.

Issued By:



Date: 06/05/2024

RABS-111895-2023



WRP-124530-2024

Initial System: Type II A
Abandon existing 167' drainline that is under house addition; other 167' drainline will remain in use. Lost footage will be made up with 170' new drainline; Accepted drainfield product may be used, but no reduction may be claimed. Distribution is gravity/parallel; existing 167' line has multiple stepdowns, and new 170' section has 3 lines in serial (70', 70', and 30'). Maximum trench depth for new lines is 13"; approved imported soil cover required.

Future Repair System: Type III E
240' Horizontal PPBPS with gravity/serial
distribution. Maximum trench depth for repair is 14";
approved imported soil cover required.

WRP Legend:

Initial System Drainlines

Repair System Drainlines

Supply Line and Stepdowns/Serial Connections in Green

****Existing wastewater system
permitted for 3 bedrooms****

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IMPROVEMENT PERMIT

PERMIT #: WRP-124530-2024

APPLICATION DATE: 05/10/2024

BLDG. PERMIT #:

PIN: 2704766563

RECORDED: Yes

TOWNSHIP: 09 - Little River

JURISDICTION: Wake County

ZONING: R-40

APPLICANT: On Point Construction LLC
PO BOX 3

BUSINESS PHONE: (919) .52-4.65 ext 58

HOME PHONE:

MOBILE PHONE:

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 1324 NC 96 HWY S

SUBDIVISION: PROP S G BUNN HEIRS

LOT: 9

ACRES: 2.55

DIRECTIONS: 1324 NC HWY 96 Zebulon NC

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: Hunter Gregg

SYSTEM LAYOUT: Staff

SITE CLASSIFICATION: Suitable

IP STATUS: Issued

BY: Hunter Gregg

DATE: 08/26/2024

NUMBER OF BEDROOMS: 3

OR TOTAL NUMBER OF OCCUPANTS: 6

PERMITTED DESIGN FLOW: 360 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: II A

LTAR: 0.375

EXISTING SYSTEM UTILIZED: Yes

PRETREATMENT STRENGTH REQUIRED: None

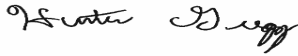
EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 13 INCHES

PUMP REQUIRED: No

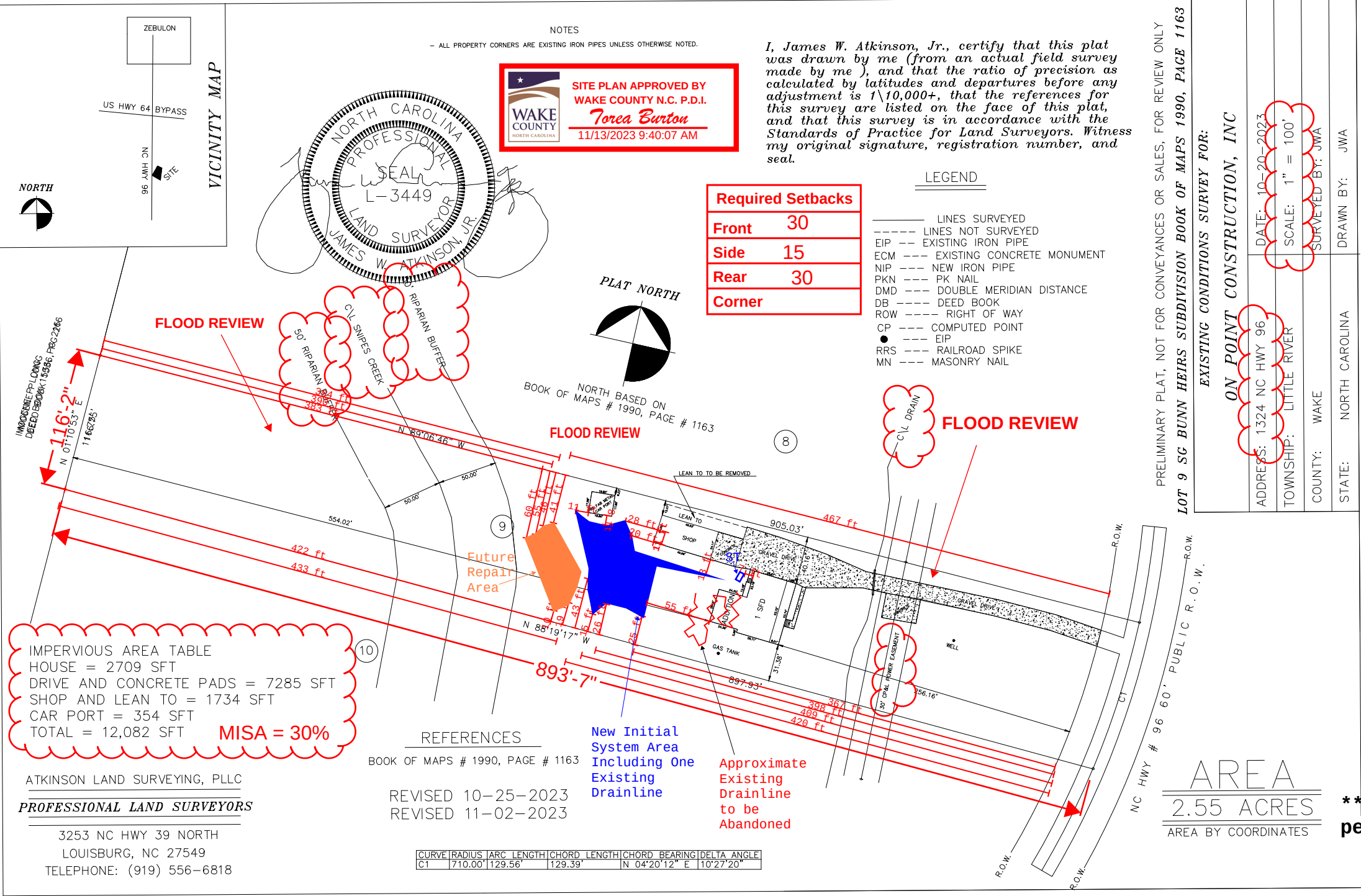
- SPECIFIC SYSTEM REQUIREMENTS:** -Existing system is designed for 3-bedroom home with a design flow of 360 GPD.
- System is being modified due to house addition being built over drainline.
 - Initial system is Type II A with 0.375 LTAR.
 - Abandon existing 167' drainline that is under house addition; other 167' drainline will remain in use.
 - Lost footage will be made up with 170' new drainline; Accepted drainfield product may be used, but no reduction may be claimed.
 - Distribution is gravity/parallel; existing 167' line has multiple stepdowns, and new 170' section has 4 lines in serial (25', 30', 85', and 30').
 - Maximum trench depth for new section of initial system is 13" (limiting condition encountered at 29").
 - Future Repair System is Type III E using Horizontal PPBPS with gravity/serial distribution and 0.25 LTAR.
 - Maximum trench depth for Repair is 14" (limiting condition encountered at 29")
 - Site served by onsite private well.
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 - Risers and effluent filter shall be added to tank.
 - No cutting, grading, alterations, or utilities in septic area.
 - Maintain all required setbacks.

ISSUED BY:



DATE: 08/26/2024

RABS-111895-2023



WRP-124530-2024

Initial System: Type II A
Abandon existing 167' drainline that is under house addition; other 167' drainline will remain in use. Lost footage will be made up with 170' new drainline; Accepted drainfield product may be used, but no reduction may be claimed. Distribution is gravity/parallel; existing 167' line has multiple stepdowns, and new 170' section has 4 lines in serial (25', 30', 85' and 30'). Maximum trench depth for new lines is 13"; approved imported soil cover required.

Future Repair System: Type III E
240' Horizontal PPBPS with gravity/serial distribution. Maximum trench depth for repair is 14"; approved imported soil cover required.

****Existing wastewater system permitted for 3 bedrooms****