



North Carolina Onsite Wastewater Contractor Inspector Certification Board  
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems  
Notice of Intent (NOI) to Construct

☒ New ☐ Expansion ☐ Repair ☐ Relocation ☐ Relocation of Repair Area

Owner or Legal Representative Information:

Name: RiverWILD Homes

Mailing address: 114 W Main St City: Clayton State: NC Zip: 27520

Phone: 919-373-6048 Email: kelley@staywild.com

Authorized Onsite Wastewater Evaluator Information:

Name: Trent Bostic Certification #: 10056E

Mailing address: 1225 Crescent Drive, Ste 250 City: Cary State: NC Zip: 27518

Phone: 919-367-6322 Email: tbostic@agriwaste.com

Site Location Information:

Site address: 154 Beebalm Run, Dunn, NC 28334

Tax parcel identification number or subdivision lot, block number of property: 1509-12-6222

Alton Fields, Lot - 5 County: Harnett

System Information:

Wastewater System Type: IIb

Daily Design Flow: 480

Saprolite System: ☐ Yes ☒ No Subsurface Operator Required: ☐ Yes ☒ No

Water Supply Type: ☐ Private Well ☒ Public Water Supply ☐ Spring ☐ Other: \_\_\_\_\_

Facility Type:

☒ Residential 4 # Bedrooms 8 Maximum # of Occupants

☐ Business Type of Business and Basis for Flow: \_\_\_\_\_

☐ Public Assembly Type of Public Assembly and Basis for Flow: \_\_\_\_\_

Required Attachments:

☒ Plat or Site Plan

☒ Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 29 day of OCT, 2025 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina. This NOI shall expire on 29 day of OCT, 2028.

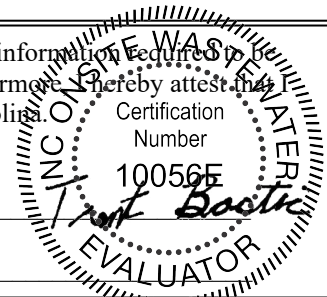
Signature of Authorized Onsite Wastewater Evaluator: Trent Bostic

Signature of Owner or Legal Representative: \_\_\_\_\_

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

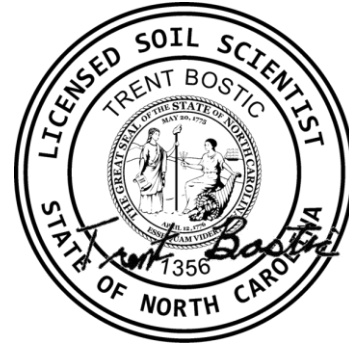
Local Health Department Receipt Acknowledgement:

Signature of Local Health Department Representative: \_\_\_\_\_ Date: \_\_\_\_\_





Agri-Waste Technology, Inc.  
1225 Crescent Green, Suite 250, Cary NC 27518  
agriwaste.com | 919.859.0669



**Soil Suitability for Domestic Sewage Treatment and Disposal Systems  
154 Beebalm Run, Dunn, NC 28334  
(PIN: 1509-12-6222; Harnett County)**

PREPARED FOR: RiverWILD Homes, c/o Kelley Judd

PREPARED BY: Trent Bostic, Senior Soil Scientist

DATE: October 30, 2025

Soil suitability for domestic sewage treatment and disposal systems was evaluated on May 1, 2025, for the property located at the Alton Fields subdivision. Trent Bostic of Agri-Waste Technology, Inc. (AWT) conducted the soil evaluation. This evaluation was done to facilitate permitting for a septic system. This report and attached documents were prepared to meet the requirements for an Authorized On-Site Wastewater Evaluator to meet G.S. 130A-336.2

A drawing of the site plan, septic layout, and boring locations is included in Attachment 1. Profile descriptions for each boring are included in Attachment 2. Additional documentation about the property is included in Attachment 3.

Site Conditions

The total property area is approximately 0.58 acres. The property is wooded. The drawing in Attachment 1 details the property boundaries, house location, boring locations, and layout of drain field trenches (Completed by AWT).

Soil Suitability for Domestic Sewage Treatment and Disposal Systems

Multiple soil borings/pits were assessed on the property. Soil borings/pits were examined to determine soil suitability for on-site sewage disposal systems in accordance with 15A NCAC 18E: Wastewater Treatment and Dispersal Systems. These borings/pits were advanced with a hand auger and excavator. All soil borings/pits shown are provisionally suitable for a conventional style trench. The proposed LTAR (Long Term Acceptance Rate) by AWT is 0.4 GPD/ft<sup>2</sup>. The soils on this property are group III soils within the distribution and treatment zone as used to define the LTAR. The maximum trench bottom should not exceed 18".

#### Field Layout & System Design

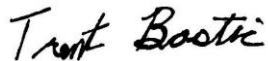
A septic layout was performed to demonstrate available space (.0508). The layout in Attachment 1 indicates there is available space for a four-bedroom primary and repair system utilizing a 25% reduction product. With an LTAR of 0.4 GPD/ft<sup>2</sup>, 300 linear feet of trench is necessary to support a four-bedroom home primary and 200 linear feet of trench is required for the repair system. The attached drawing proves that 500+ linear feet of trench can be installed with the proposed home location on the property.

**Any disturbances or grading done in the usable soils area may change the potential of using the area designated for a drain field and can result in a revoked permit.**

We appreciate the opportunity to assist you in this matter. Please contact us with any questions, concerns, or comments.

Sincerely,

Trent Bostic, AOWE

A handwritten signature in black ink that reads "Trent Bostic". The signature is written in a cursive, slightly slanted style.

## SOIL & SITE EVALUATION for ON-SITE WASTEWATER SYSTEMS

|                   |              |                       |                 |                     |          |
|-------------------|--------------|-----------------------|-----------------|---------------------|----------|
| Evaluation Date   | 5/1/2025     | Site Location         | 154 Beebalm Run | County              | Harnett  |
| PIN/Parcel        | 1509-12-6222 | Property Size (acres) | 0.58            | Property Recorded   | Yes      |
| Proposed Facility | SFR          | Bedrooms              | 4               | Wastewater Strength | Domestic |
| Water Supply      | Municipal    | Design Flow (.0400)   | 480             | Evaluation Method   | Auger    |

| Profile # | .0502<br>Landscape<br>Position<br>Slope % | Horizon<br>Depth (in) | Soil Morphology                       |                                    | Other Factors                     |                             |                    |                                 |                                   |                                         |
|-----------|-------------------------------------------|-----------------------|---------------------------------------|------------------------------------|-----------------------------------|-----------------------------|--------------------|---------------------------------|-----------------------------------|-----------------------------------------|
|           |                                           |                       | .0503<br>Struct<br>ure<br>Textur<br>e | .0503<br>Consistence<br>Mineralogy | .0504<br>Soil<br>Wetness<br>Color | .0505<br>Soil<br>Depth (in) | .0506<br>Saprolite | .0507<br>Restrictive<br>Horizon | .0509<br>Profile<br>Class<br>LTAR | .0502(d)<br>Slope<br>Corrected<br>Depth |
| 1         | 4%                                        | Ap 0-9                | LS                                    | NS, NP, Vfr                        | 10YR 5/2                          | 32                          | Suitable           | Suitable                        | 0.375                             | 18                                      |
|           |                                           | E 9-15                | LS                                    | NS, NP, Vfr                        | 10YR 6/4                          |                             |                    |                                 |                                   |                                         |
|           |                                           | Bt                    | SCL                                   | SS, SP, Fi                         | 10YR 5/6                          |                             |                    |                                 |                                   |                                         |
|           |                                           | System Type           |                                       |                                    |                                   |                             |                    | Conventional                    |                                   |                                         |
| 2         | 4%                                        | Ap 0-9                | LS                                    | NS, NP, Vfr                        | 10YR 5/2                          | 32                          | Suitable           | Suitable                        | 0.375                             | 18                                      |
|           |                                           | E 9-15                | LS                                    | NS, NP, Vfr                        | 10YR 6/4                          |                             |                    |                                 |                                   |                                         |
|           |                                           | Bt                    | SCL                                   | SS, SP, Fi                         | 10YR 5/6                          |                             |                    |                                 |                                   |                                         |
|           |                                           | System Type           |                                       |                                    |                                   |                             |                    | Conventional                    |                                   |                                         |
| 3         | 4%                                        | Ap 0-9                | LS                                    | NS, NP, Vfr                        | 10YR 5/2                          | 32                          | Suitable           | Suitable                        | 0.375                             | 18                                      |
|           |                                           | E 9-15                | LS                                    | NS, NP, Vfr                        | 10YR 6/4                          |                             |                    |                                 |                                   |                                         |
|           |                                           | Bt                    | SCL                                   | SS, SP, Fi                         | 10YR 5/6                          |                             |                    |                                 |                                   |                                         |
|           |                                           | System Type           |                                       |                                    |                                   |                             |                    | Conventional                    |                                   |                                         |
| 4         | 4%                                        | Ap 0-9                | LS                                    | NS, NP, Vfr                        | 10YR 5/2                          | 32                          | Suitable           | Suitable                        | 0.375                             | 18                                      |
|           |                                           | E 9-15                | LS                                    | NS, NP, Vfr                        | 10YR 6/4                          |                             |                    |                                 |                                   |                                         |
|           |                                           | Bt                    | SCL                                   | SS, SP, Fi                         | 10YR 5/6                          |                             |                    |                                 |                                   |                                         |
|           |                                           | System Type           |                                       |                                    |                                   |                             |                    | Conventional                    |                                   |                                         |

|               |    |
|---------------|----|
| Evaluated by: | TB |
|---------------|----|

|                      |          |                        |
|----------------------|----------|------------------------|
| Site Classification  | Suitable |                        |
| Primary LTAR         | 0.4      | Repair LTAR 0.4        |
| Primary Trench Depth | 18       | Repair Trench Depth 18 |

# SOIL & SITE EVALUATION for ON-SITE WASTEWATER SYSTEMS

## LEGEND

| Soil Group | Soil Texture              | Conventional LTAR | Anaerobic Dip LTAR | Aerobic Drip LTAR (TS-II) | Mineralogy & Consistence  |                          | Structure                  |
|------------|---------------------------|-------------------|--------------------|---------------------------|---------------------------|--------------------------|----------------------------|
|            |                           |                   |                    |                           | Moist                     | Wet                      |                            |
| I          | S (Sand)                  | 0.8-1.2           | 0.4-0.6            | 0.8-1.5                   |                           |                          | SG (Single grain)          |
|            | LS<br>(Loamy Sand)        |                   |                    |                           | Lo<br>(Loose)             | NS<br>(Non Sticky)       | M<br>(Massive)             |
|            | SL<br>(Sandy Loam)        |                   |                    |                           | VFR<br>(Very Friable)     | SS<br>(Slightly Sticky)  | GR<br>(Granular)           |
| II         | L (Loam)                  | 0.6-0.8           | 0.3-0.4            | 0.6-0.8                   |                           |                          |                            |
|            |                           |                   |                    |                           | FR<br>(Friable)           | S<br>(Sticky)            | SBK<br>(Subangular Blocky) |
|            | SiL<br>(Silt Loam)        |                   |                    |                           | FI<br>(Firm)              | VS<br>(Very Sticky)      | ABK<br>(Angular Blocky)    |
| III        | SCL<br>(Sandy Clay Loam)  | 0.3-0.6           | 0.15-0.3           | 0.2-0.6                   |                           |                          |                            |
|            |                           |                   |                    |                           | VFI<br>(Very Firm)        | NP<br>(Non Plastic)      | PR<br>(Prismatic)          |
|            | CL<br>(Clay Loam)         |                   |                    |                           | EFI<br>(Extremely Firm)   | SP<br>(Slightly Plastic) |                            |
| IV         | SiCL<br>(Silty Clay Loam) | 0.1-0.4           | 0.05-1.5           | 0.05-0.2                  |                           | P<br>(Plastic)           | PL<br>(Platy)              |
|            | SC<br>(Sandy Clay)        |                   |                    |                           |                           | VP<br>(Very Plastic)     |                            |
|            | SiC<br>(Silty Clay)       |                   |                    |                           | SEXP (Slightly Expansive) |                          |                            |
|            | C (Clay)                  |                   |                    |                           | EXP (Expansive)           |                          |                            |



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/20/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                          |                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCER</b><br>Hartsfield & Nash Agency, Inc.<br>10405 Ligon Mill Rd., Ste H<br>Wake Forest NC 27587 | <b>CONTACT</b><br>NAME: Connie Garkalns<br>PHONE (A/C, No, Ext): 984-235-4273<br>E-MAIL ADDRESS: connie@hartsfield-nash.com<br>FAX (A/C, No): 919-556-8758                                             |
| License#: 100009111<br>AGRITEC-01                                                                        | <b>INSURER(S) AFFORDING COVERAGE</b><br>INSURER A : Selective Insurance Company of<br>INSURER B : Accident Fund<br>INSURER C : Evanston Insurance Company<br>INSURER D :<br>INSURER E :<br>INSURER F : |
| <b>INSURED</b><br>Agri-Waste Technology Inc<br>501 N. Salem St Ste 203<br>Apex NC 27502                  | NAIC #<br>39926<br>10166<br>35378<br><br><br>                                                                                                                                                          |

**COVERAGES**

CERTIFICATE NUMBER: 1304989694

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                               | ADDL INSD  | SUBR WVD | POLICY NUMBER               | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                                    |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|-----------------------------|-------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: |            |          | S 2253659                   | 1/18/2025               | 1/18/2026               | EACH OCCURRENCE \$2,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000<br>MED EXP (Any one person) \$10,000<br>PERSONAL & ADV INJURY \$2,000,000<br>GENERAL AGGREGATE \$4,000,000<br>PRODUCTS - COMP/OP AGG \$4,000,000<br>\$ |
| A        | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO<br><input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS<br><input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY |            |          | S 2253659                   | 1/18/2025               | 1/18/2026               | COMBINED SINGLE LIMIT (Ea accident) \$1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$                                                                            |
| A        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED RETENTION \$                                                                                                                    |            |          | S 2253659                   | 1/18/2025               | 1/18/2026               | EACH OCCURRENCE \$2,000,000<br>AGGREGATE \$2,000,000<br>\$                                                                                                                                                                                |
| B        | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b><br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                                                   | Y / N<br>N | N / A    | 100003072                   | 1/18/2025               | 1/18/2026               | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$1,000,000<br>E.L. DISEASE - POLICY LIMIT \$1,000,000                                    |
| C        | Prof & Pollution Liability<br>A Leased & Rented                                                                                                                                                                                                                                                                 |            |          | MKLV3ENV104794<br>S 2253659 | 8/22/2024<br>1/18/2025  | 8/22/2025<br>1/18/2026  | Each Claim 5,000,000<br>Equipment 25,000                                                                                                                                                                                                  |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

Artisan Custom Homes  
21016 Catawba Avenue  
Cornelius NC 28031  
USA

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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NORTH CAROLINA, HARNETT COUNTY  
(Mickey R.Bennett,PLS do certify that this plat was drawn under  
my supervision(deed description recorded in Book(see ref)  
Page(see ref.)and that boundaries not surveyed are clear  
indicated as drawn from information found in Book(see ref.)Page  
(see ref.),that the ratio of precision as calculated is 1:10000.  
Witness my original signature,registration number and seal this  
22nd day of April,2025 A.D.

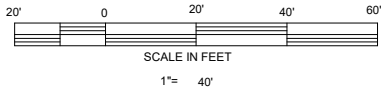
Mickey R.Bennett PLS

MICKEY R.BENNETT  
L - 1514



I MICKEY R. BENNETT PLS CERTIFY  
That this survey is of and existing parcel  
or parcels of land or one or more existing  
interests and does not create a new street  
or change an existing street.

NORTH REF: NC GRID NAD 83/2011  
NORTH REF: NC GRID NAD 83/2011



PROPOSED IMPREVIOUS AREA = 2800 SF+-

MINIMUM BUILDING SETBACKS

RA-30

FRONT --- 35'FROM R/W

REAR --- 25'

SIDE --- 10'

CORNER LOT SIDE - 20'

MAXIMUM HEIGHT - 35'

MAXIMUM IMPREVIOUS AREA PER LOT - 5000 SF

DEED REFERENCE DEED BOOK 4231,PAGE 1889  
MAP REFERENCE PLAT BOOK 2025,PAGE 176

DISCLAIMER

ALL INFORMATION SHOWN ON THIS MAP WAS TAKEN FROM  
RECORDED DEEDS,PLATS AND OTHER PUBLIC INFORMATION.  
BENNETT SURVEYS HAS NOT PERFORMED ANY SURVEY IN  
PREPARING THIS PLAT AS OF DATE SHOWN.

OWNER: GREGORY INC.  
62 E MCIVERY STREET  
ANGIER, NC  
27501-5891

| CURVE | RADIUS  | LENGTH | CHORD  | CH BEARING   |
|-------|---------|--------|--------|--------------|
| C9    | 208.00' | 10.08' | 10.08' | N 12°45'19"E |
| C10   | 25.00'  | 24.61' | 23.63' | N 42°21'46"E |
| C11   | 50.00'  | 65.30' | 60.76' | N 33°10'00"E |

BEEBALM RUN  
50'PUBLIC R/ W

20' DRAINAGE AND  
UTILITY EASEMENT

PROPOSED DRIVE

PROPOSED  
HOUSE  
LOCATION  
THE FRANKLIN

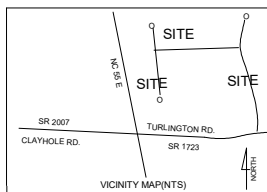
20'DRAINAGE EASEMENT

4

NO FIELD SURVEY WAS PERFORMED IN .  
PREPARING THIS PLAT  
PROPOSED PLOT PLAN  
154 BEEBALM RUN, DUNN,NC 28334

5  
0.58 AC.  
25,293.1 SF

FEMA FLOOD HAZARD STATEMENT  
ALL PROPERTY SHOWN ON THIS PLAT  
IS LOCATED WITHIN THE FEMA (ZONE X)  
MINIMAL FLOOD RISK AS SHOWN ON  
FIRM NUMBER 3720150900J  
EFFECTIVE DATE 10/3/2006.



ALTON FIELDS SUBDIVISION.  
LOT - 5

|                       |  |                         |                       |                        |                      |
|-----------------------|--|-------------------------|-----------------------|------------------------|----------------------|
| GROVE TOWNSHIP        |  | HARNETT COUNTY          |                       | BENNETT SURVEYS F-1304 |                      |
| STATE: NORTH CAROLINA |  | DATE: APRIL 22,2025     |                       | 1662 CLARK ROAD        | LILLINGTON, NC 27546 |
| ZONE RA-30            |  | PIN<br>1509-12-6222.000 | PID<br>071509 0037 15 | CHECKED BY:            | 25143                |

AOWE - AF5

|                    |                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| Project Location   | 154 Beebalm Run<br>Dunn, NC 27334<br>Harnett County<br>PIN: 1509-12-6222                                                     |
| Project Owner      | RiverWILD Homes<br>114 W Main St<br>Clayton, NC 27520<br>919-373-6048<br>kelley@staywild.com                                 |
| Project Consultant | Trent Bostic, AOWE<br>(919) 367-6322<br>tbostic@agriwaste.com                                                                |
|                    | Agri-Waste Technology, Inc.<br>1225 Crescent Green, Suite 250<br>Cary, NC 27518<br>(919) 859-0669<br>(919) 233-1970 Fax      |
| System Overview    | Single Family Residence<br>Four (4) Bedrooms, 480GPD<br>Gravity, Parallel Distribution<br>Accepted/Innovative Trench Product |



VICINITY MAP

Sheet Index

|         |                    |
|---------|--------------------|
| Sheet 1 | Cover Sheet        |
| Sheet 2 | Property Layout    |
| Sheet 3 | Primary Drainfield |
| Sheet 4 | Detail Sheet       |



**AWT**  
Engineers and Soil Scientists  
Agri-Waste Technology, Inc.  
1225 Crescent Green, Suite 250  
Cary, North Carolina 27518  
919-859-0669  
www.agriwaste.com

RiverWILD Homes  
AOWE - AF5

Project Location:  
154 Beebalm Run  
Dunn, NC 27334  
Harnett County  
PIN: 1509-12-6222

Project Owner:  
RiverWILD Homes  
114 W Main St  
Clayton, NC 27520  
919-373-6048  
kelley@staywild.com

NC ONSITE WASTEWATER  
EVALUATOR SEAL

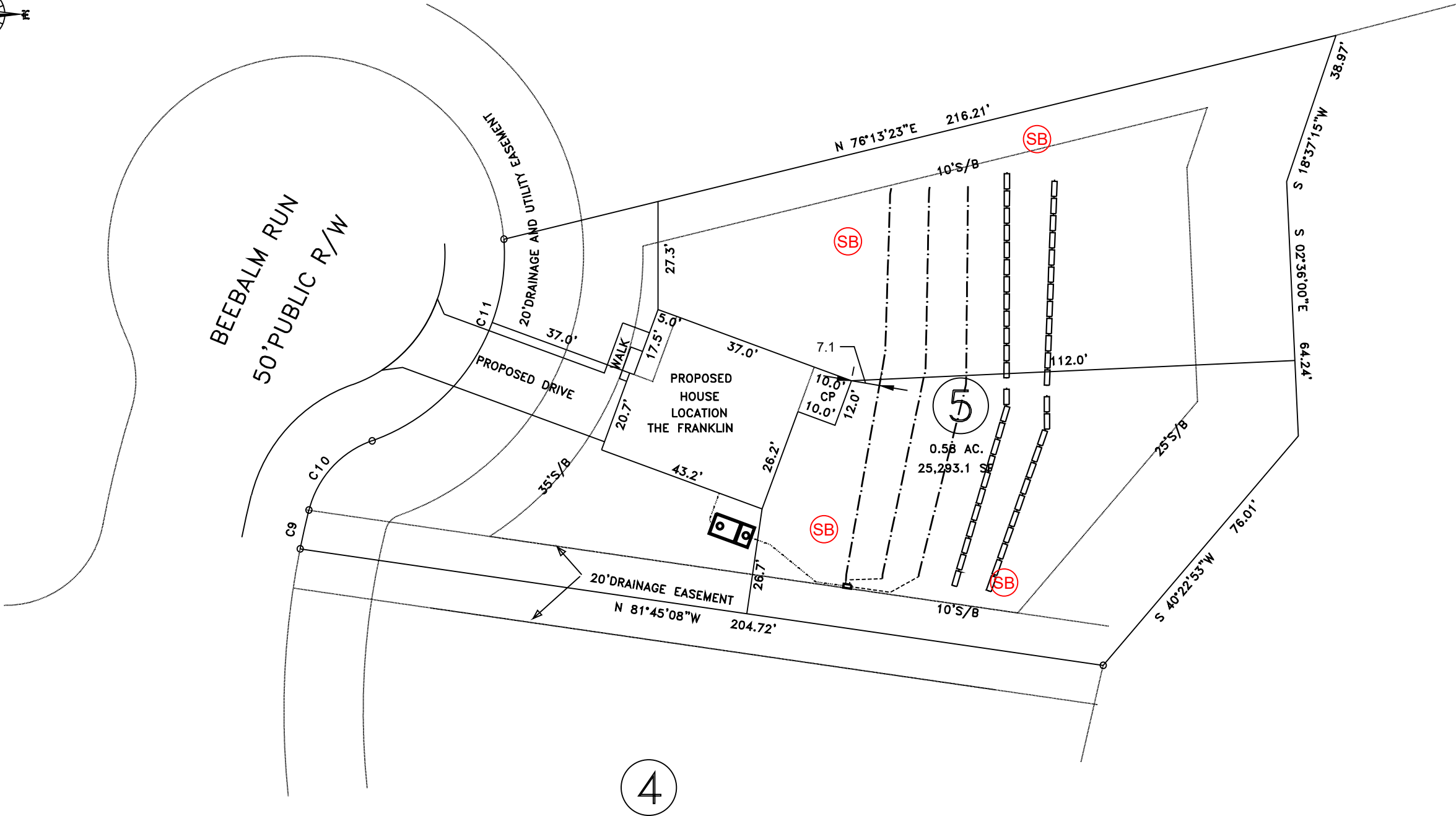
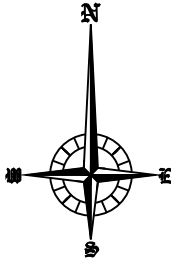


| REV. | ISSUED DATE | DESCRIPTION |
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SHEET TITLE  
Cover Sheet

|                        |                           |
|------------------------|---------------------------|
| DRAWN BY:<br>T. Bostic | CREATED ON:<br>10/27/2025 |
| REVISED BY:<br>####    | REVISED ON:<br>####       |
| RELEASED BY:<br>####   | RELEASED ON:<br>####      |

DRAWING NUMBER  
WW-1



4

6

RiverWILD Homes  
AOWE - AF5

Project Location:  
154 Beebalm Run  
Dunn, NC 27334  
Harnett County  
PIN: 1509-12-6222

Project Owner:  
RiverWILD Homes  
114 W Main St  
Clayton, NC 27520  
919-373-6048  
kelley@staywild.com

NC ONSITE WASTEWATER  
EVALUATOR SEAL



| REV. | ISSUED DATE | DESCRIPTION |
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SHEET TITLE

Property Layout

|                        |                           |
|------------------------|---------------------------|
| DRAWN BY:<br>T. Bostic | CREATED ON:<br>10/27/2025 |
| REVISED BY:<br>####    | REVISED ON:<br>####       |
| RELEASED BY:<br>####   | RELEASED ON:<br>####      |

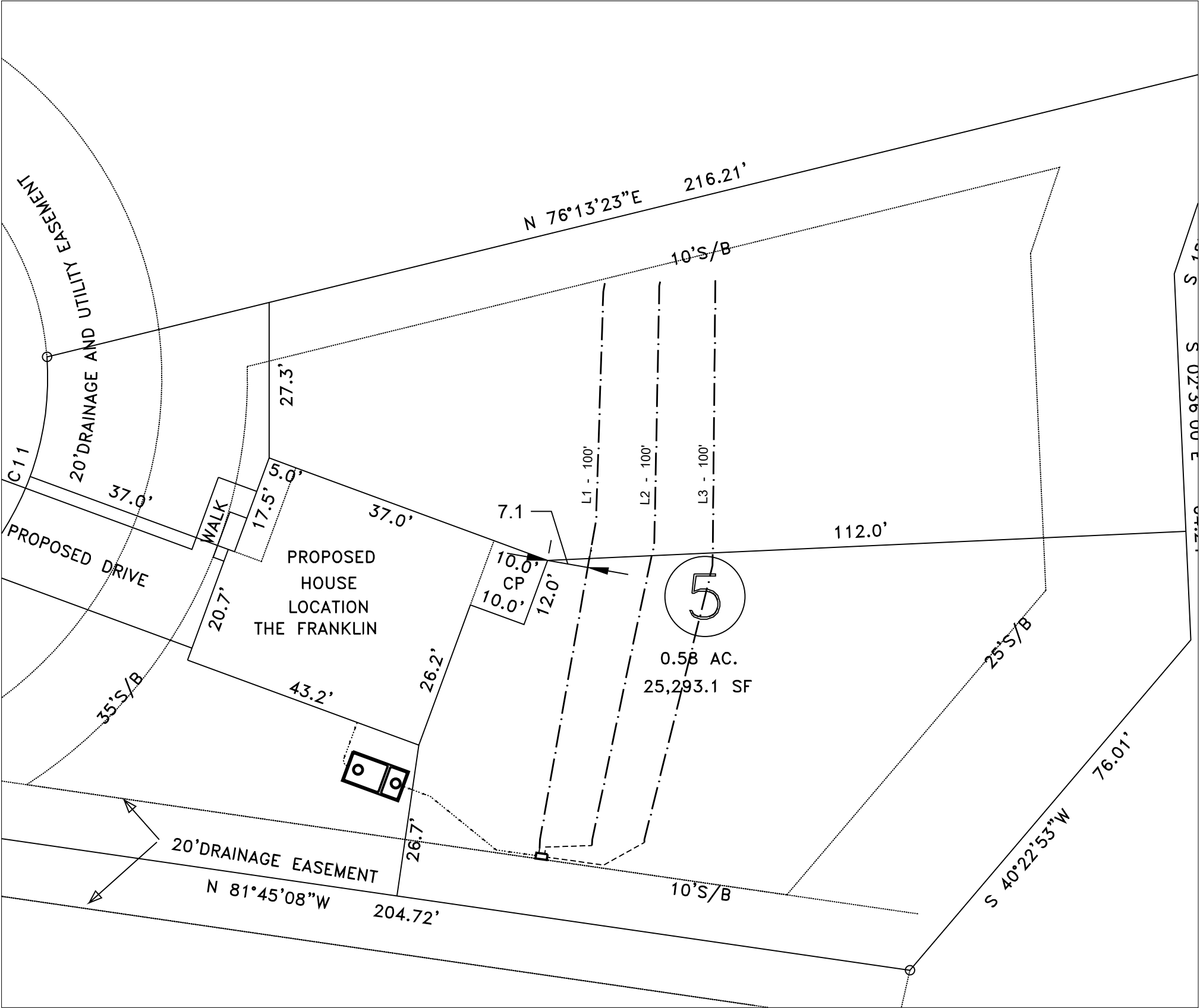
DRAWING NUMBER

**WW-2**

General Drainfield Notes:

1. Clear all trees less than 8" in diameter (measured at a height 3' from soil surface) from the drainfield.
2. Vegetation that will re-grow from a cut stump shall be stumped or pulled from the ground. Stumps shall not be pushed over.
3. Drainfield area shall be cleared of all leaves, pine straw, debris, etc. The accumulated material shall be removed from the drainfield.
4. In clayey soils, sides of trenches shall be raked and limed per manufacturer's instructions.
5. Supply lines shall be installed with a minimum of 18" cover.
6. The trenches shall be backfilled appropriately so that no low areas are present.
7. Apply lime over the drainfield area as needed. Seed fine fescue over the drainfield at the rate
8. recommended by the seed manufacturer. Hand rake the seed into the soil surface. Straw the seeded area at the rate of 1.5-2 bales per 1000 sq. ft.

Note:  
Primary distribution is parallel w/ D-box. Primary is Infiltrator EZ Flow.



1 System Layout  
SOURCE: Agri-Waste Technology, Inc.



Agri-Waste Technology, Inc.  
1225 Crescent Green, Suite 250  
Cary, NC 27518  
919-859-0669  
www.agriwaste.com

RiverWILD Homes  
AOWE - AF5

Project Location:  
154 Beebalm Run  
Dunn, NC 27334  
Harnett County  
PIN: 1509-12-6222

Project Owner:  
RiverWILD Homes  
114 W Main St  
Clayton, NC 27520  
919-373-6048  
kelley@staywild.com

NC ONSITE WASTEWATER  
EVALUATOR SEAL

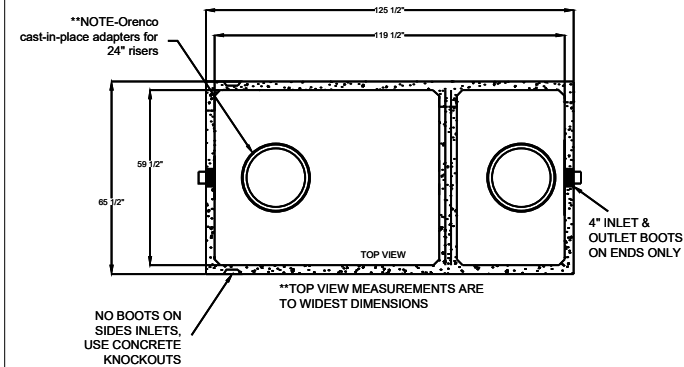


| REV. | ISSUED DATE | DESCRIPTION |
|------|-------------|-------------|
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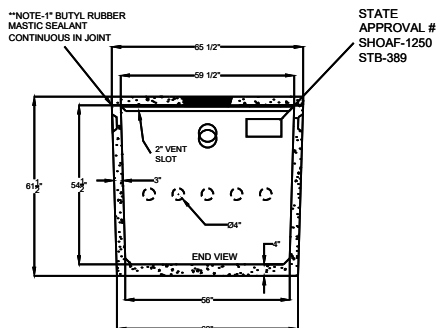
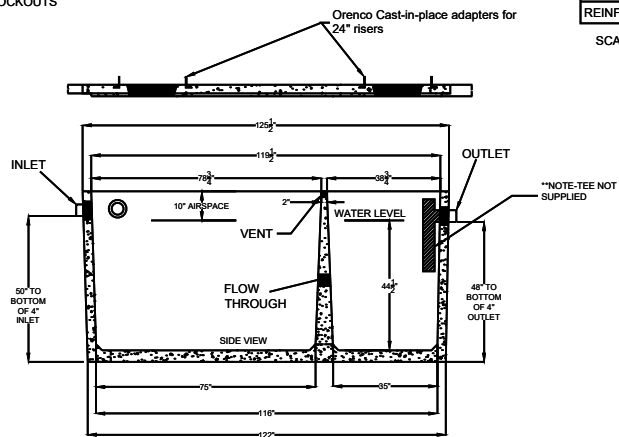
SHEET TITLE  
Primary Layout

|                        |                           |
|------------------------|---------------------------|
| DRAWN BY:<br>T. Bostic | CREATED ON:<br>10/27/2025 |
| REVISED BY:<br>####    | REVISED ON:<br>####       |
| RELEASED BY:<br>####   | RELEASED ON:<br>####      |

DRAWING NUMBER  
**WW-3**

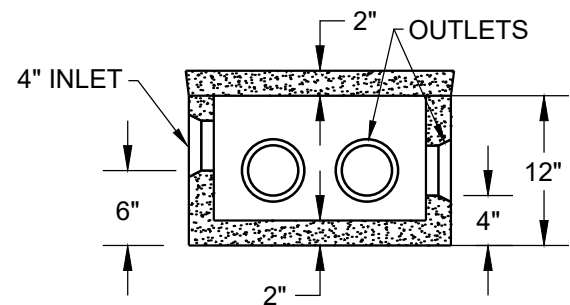


|                                                             |                         |
|-------------------------------------------------------------|-------------------------|
| SHOAF PRECAST SEPTIC INC.                                   | MODEL: TS 1250 STB      |
| 4130 WEST US HWY 64                                         | NON TRAFFIC             |
| LEXINGTON, NC 27295                                         | 1250 Gallon Septic Tank |
| PHONE (336) 787-5826                                        |                         |
| FAX (336) 787-2826                                          |                         |
| WWW.SHOAFPRECAST.COM                                        |                         |
| SHOAF-1,250 SEPTIC TANK                                     |                         |
| STB-389                                                     |                         |
| LIQUID CAPACITY-1,252 GALLONS/10" AIRSPACE                  |                         |
| TANK HEIGHT-61 1/2"                                         |                         |
| BOTTOM OF TANK TO CENTER OF INLET-52"                       |                         |
| BOTTOM OF TANK TO CENTER OF OUTLET-50"                      |                         |
| LENGTH TO WIDTH RATIO-2 TO 1                                |                         |
| SIZE OF INLET & OUTLET-3" OR 4" PIPE                        |                         |
| TYPE OF INLET & OUTLET-POLYLOCK OR EQUAL (MEETS ASTM C-923) |                         |
| CONCRETE PSI-4000; TANK WEIGHT- 11,000 LBS.                 |                         |
| REINFORCEMENT PER STATE CODE                                |                         |
| SCALE - N.T.S.                                              |                         |

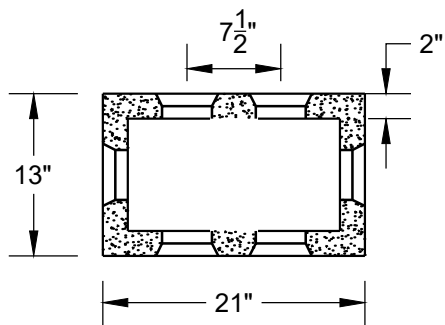


## Septic Tank

SOURCE: Shoaf Precast Septic, Inc.

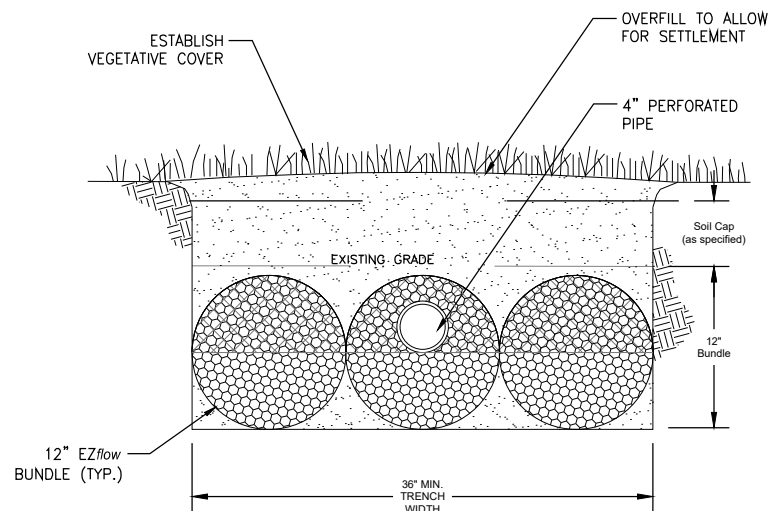


## SECTION VIEW



## PLAN VIEW

## Distribution Box



## EZflow 1203H - GEO

### NOTES:

1. If specified by L.S.S., drainfield to be covered with a minimum of 6" of imported soil, approved by L.S.S.
2. Soil cap to be mounded above imported soil to allow for settlement.
3. Perforated corrugated plastic pipe shall meet requirements of ASTM D 2729.
4. Pipe shall be level, 0.00% slope.
5. End cap shall be provided at end of all corrugated plastic lines.
6. Trench bottom shall be level.

## EZ Flow - Trench Cross-Section (Typical)

INFILTRATOR Water Technologies, LLC

### NOTES

1. Installation to follow all NC DHHS and Harnett County applicable rules and regulations.
2. AWT to perform construction inspections and final system certification.
3. Septic Tank to have approved effluent filter.
4. Contractor to abide by all safety regulations during system installation.
5. Contractor shall backfill around all access areas such that storm water is shed away from potential entry points.
6. Invert elevations of all components to be verified in field by contractor to insure proper operation.
7. All system piping to be SCH40 PVC (except where noted).
8. All gravity elbows to be long radius or long sweeping type elbows.
9. Actual installation and placement of treatment system to be overseen by Contractor.
10. Tank hole to be compacted with tamping machine.
11. Contractor to seed and/or mulch disturbed areas to coincide

with existing landscape. Area shall not be left with uncovered soil.

12. All risers to have cast-in-place tank adapters and be single-piece riser. Risers to extend 6" above soil surface and be designed to prevent surface water inflow.
13. Backfill around tank(s) shall be gravel or tank hole shall be over-excavated a minimum of 2' in all directions to allow for mechanical tamping of backfill.
14. All penetrations to be sealed.
15. Contractor to adjust tank placement to meet site constraints.



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SHEET TITLE

Detail Sheet

|                        |                           |
|------------------------|---------------------------|
| DRAWN BY:<br>T. Bostic | CREATED ON:<br>10/27/2025 |
|------------------------|---------------------------|

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DRAWING NUMBER

**WW-4**