



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: 159 Beebalm Run, Dunn, NC 28334

Tax parcel identification number or subdivision lot, block number of property: 1509-12-3394

Alton Fields, Lot - 7 County: Harnett

System Information:

Wastewater System Type: IIIb

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 30 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 30 day of OCT, 2028.

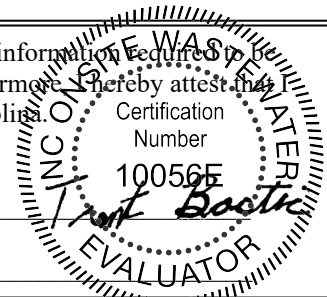
Signature of Authorized Onsite Wastewater Evaluator: Trent Bostic

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.

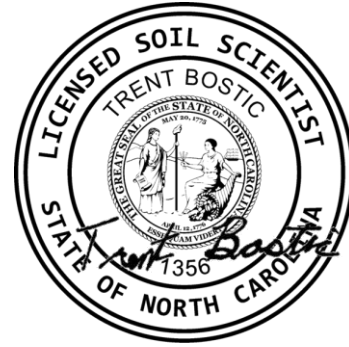
Local Health Department Receipt Acknowledgment:

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  
159 Beebalm Run, Dunn, NC 28334  
(PIN: 1509-12-3394; 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 24".

#### 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 50% reduction product. With an LTAR of 0.375 GPD/ft<sup>2</sup>, 214 linear feet of trench is necessary to support a four-bedroom home primary, and 214 linear feet of trench is required for the repair system. The attached drawing proves that 428+ 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	159 Beebalm Run	County	Harnett
PIN/Parcel	1509-12-3394	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 Landscape Position Slope %	Horizon Depth (in)	Soil Morphology		Other Factors					
			.0503 Struct ure Textur e	.0503 Consistence Mineralogy	.0504 Soil Wetness Color	.0505 Soil Depth (in)	.0506 Saprolite	.0507 Restrictive Horizon	.0509 Profile Class LTAR	.0502(d) Slope Corrected Depth
1	2%	Ap 0-9	LS	NS, NP, Vfr	10YR 5/2	36	Suitable	Suitable	0.375	36
		E 9-15	LS	NS, NP, Vfr	10YR 6/4					
		Bt	SCL	SS, SP, Fi	10YR 5/6					
		System Type						Conventional		
2	2%	Ap 0-9	LS	NS, NP, Vfr	10YR 5/2	36	Suitable	Suitable	0.375	36
		E 9-15	LS	NS, NP, Vfr	10YR 6/4					
		Bt	SCL	SS, SP, Fi	10YR 5/6					
		System Type						Conventional		
3	2%	Ap 0-9	LS	NS, NP, Vfr	10YR 5/2	36	Suitable	Suitable	0.375	36
		E 9-15	LS	NS, NP, Vfr	10YR 6/4					
		Bt	SCL	SS, SP, Fi	10YR 5/6					
		System Type						Conventional		
4	2%	Ap 0-9	LS	NS, NP, Vfr	10YR 5/2	36	Suitable	Suitable	0.375	36
		E 9-15	LS	NS, NP, Vfr	10YR 6/4					
		Bt	SCL	SS, SP, Fi	10YR 5/6					
		System Type						Conventional		

Evaluated by:	TB
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Site Classification	Suitable	
Primary LTAR	0.4	Repair LTAR 0.4
Primary Trench Depth	24	Repair Trench Depth 24

## 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 (Loamy Sand)				Lo (Loose)	NS (Non Sticky)	M (Massive)
II	SL (Sandy Loam)	0.6-0.8	0.3-0.4	0.6-0.8	VFR (Very Friable)	SS (Slightly Sticky)	GR (Granular)
	L (Loam)				FR (Friable)	S (Sticky)	SBK (Subangular Blocky)
III	SiL (Silt Loam)	0.3-0.6	0.15-0.3	0.2-0.6	FI (Firm)	VS (Very Sticky)	ABK (Angular Blocky)
	SCL (Sandy Clay Loam)				VFI (Very Firm)	NP (Non Plastic)	PR (Prismatic)
	CL (Clay Loam)				EFI (Extremely Firm)	SP (Slightly Plastic)	
	SiCL (Silty Clay Loam)					P (Plastic)	PL (Platy)
IV	SC (Sandy Clay)	0.1-0.4	0.05-1.5	0.05-0.2		VP (Very Plastic)	
	SiC (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> Hartsfield & Nash Agency, Inc. 10405 Ligon Mill Rd., Ste H Wake Forest NC 27587	<b>CONTACT NAME:</b> Connie Garkalns <b>PHONE (A/C, No, Ext):</b> 984-235-4273 <b>FAX (A/C, No):</b> 919-556-8758 <b>E-MAIL ADDRESS:</b> connie@hartsfield-nash.com
<b>INSURED</b> Agri-Waste Technology Inc 501 N. Salem St Ste 203 Apex NC 27502	<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Selective Insurance Company of <b>INSURER B:</b> Accident Fund <b>INSURER C:</b> Evanston Insurance Company <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>
License#: 1000009111 AGRITEC-01	<b>NAIC #</b> 39926 10166 35378

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

Connie Garkalns

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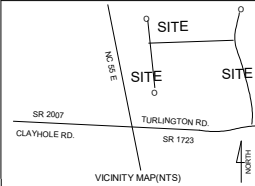
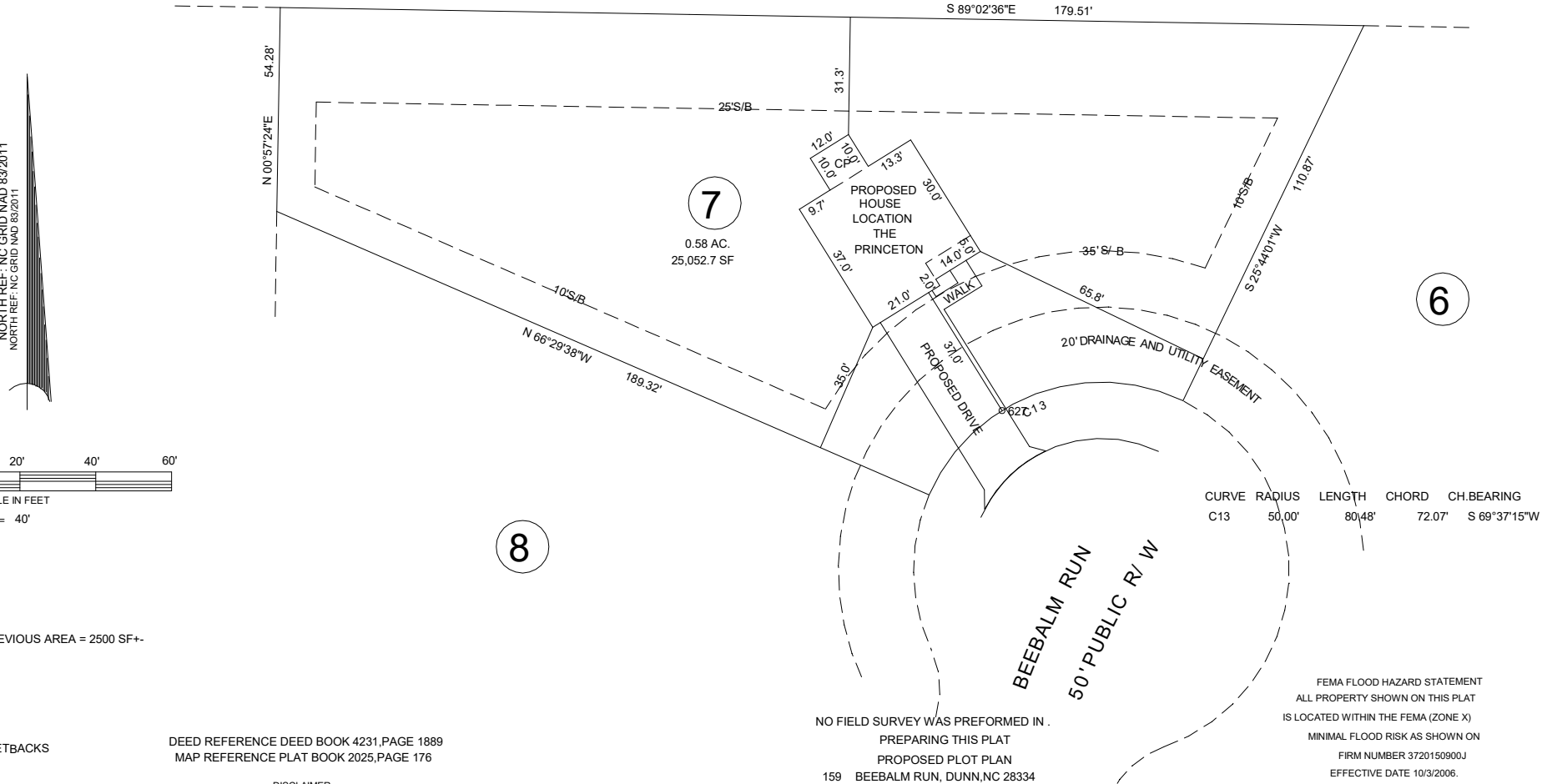
NORTH CAROLINA, HARNETT COUNTY  
I, Mickey R. Bennett, PLS do certify that this plat was drawn under  
my supervision (deed description recorded in Book (see ref.) Page  
(see ref.) that boundaries not surveyed are clear  
indicated as drawn from information found in Book (see ref.) Page  
(see ref.) that the ratio of precision as calculated is 1:10,000.  
Witness my original signature, registration number and seal this  
23rd 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  
easements and does not create a new street  
or change an existing street.



ALTON FIELDS SUBDIVISION.				BENNETT SURVEYS F-1304						
LOT - 7				1662 CLARK ROAD		LILLINGTON, NC 27546		910-893-5252		
GROVE TOWNSHIP			HARNETT COUNTY			SCALE: 1"= 40'		DRAWN BY: MRB		
STATE: NORTH CAROLINA			DATE: APRIL 23, 2025							DRAWING NO.
ZONE RA-30		PIN 1509-12-3394.000		PID 071509 0037 17		CHECKED BY:			25145	

AOWE - AF7

Project Location	159 Beebalm Run Dunn, NC 27334 Harnett County PIN: 1509-12-3394
Project Owner	RiverWILD Homes 114 W Main St Clayton, NC 27520 919-373-6048 kelley@staywild.com
Project Consultant	Trent Bostic, AOWE (919) 367-6322 tbostic@agriwaste.com
	Agri-Waste Technology, Inc. 1225 Crescent Green, Suite 250 Cary, NC 27518 (919) 859-0669 (919) 233-1970 Fax
System Overview	Single Family Residence Four (4) Bedrooms, 480GPD Gravity, Parallel Distribution Horizontal T&J Panel Block



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 - AF7

Project Location:  
159 Beebalm Run  
Dunn, NC 27334  
Harnett County  
PIN: 1509-12-3394

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

NC ONSITE WASTEWATER  
EVALUATOR SEAL

NC ONSITE WASTEWATER  
EVALUATOR SEAL

Certification  
Number  
100568

Trent Bostic

REV.	ISSUED DATE	DESCRIPTION

SHEET TITLE  
Cover Sheet

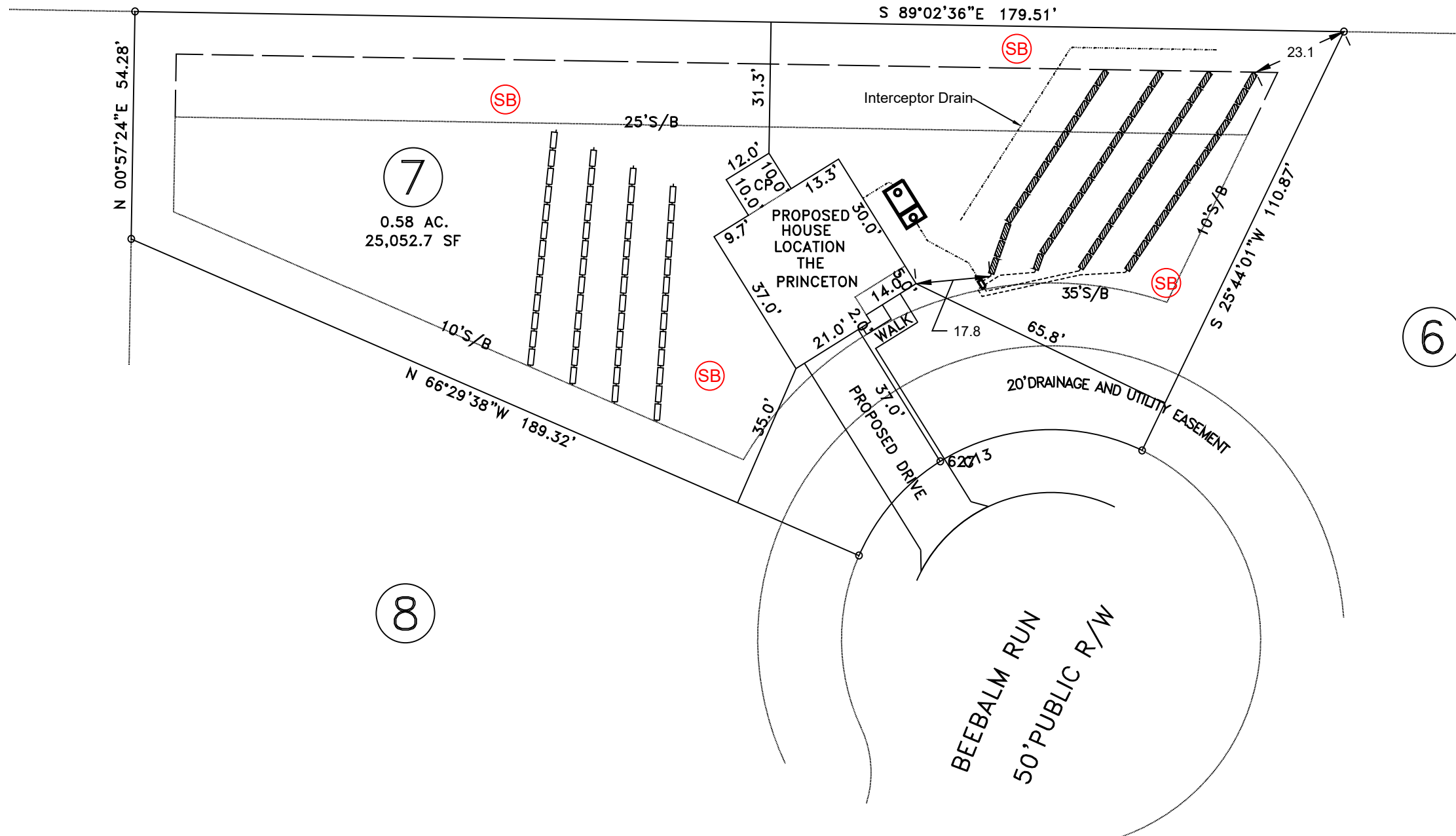
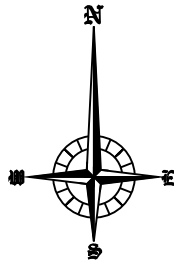
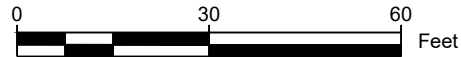
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DRAWING NUMBER

WW-1







REV.	ISSUED DATE	DESCRIPTION
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SHEET TITLE

Property Layout

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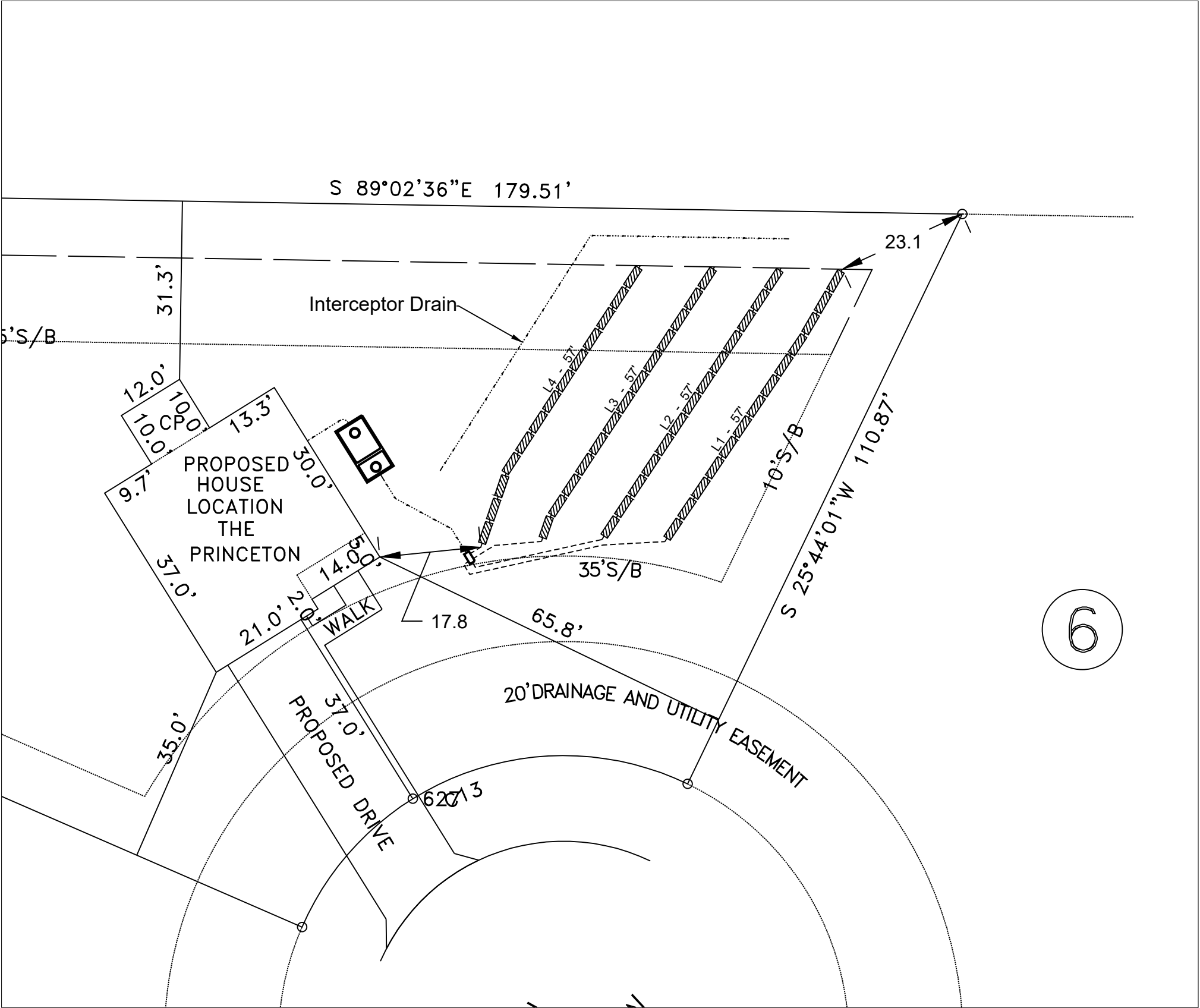
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**WW-2**

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 horizontal T&J Panel.



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 - AF7

Project Location:  
159 Beebalm Run  
Dunn, NC 27334  
Harnett County  
PIN: 1509-12-3394

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

NC ONSITE WASTEWATER  
EVALUATOR SEAL

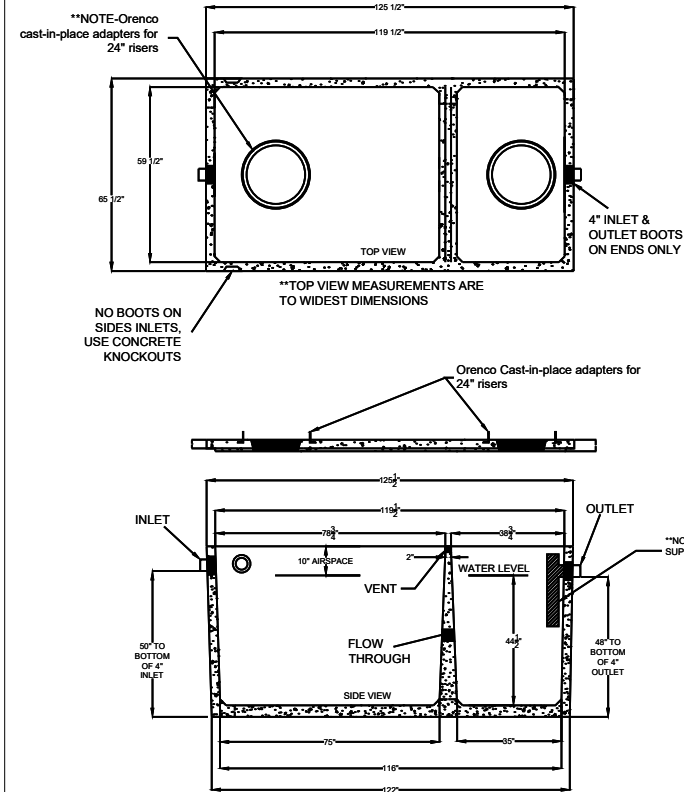


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SHEET TITLE  
Primary Layout

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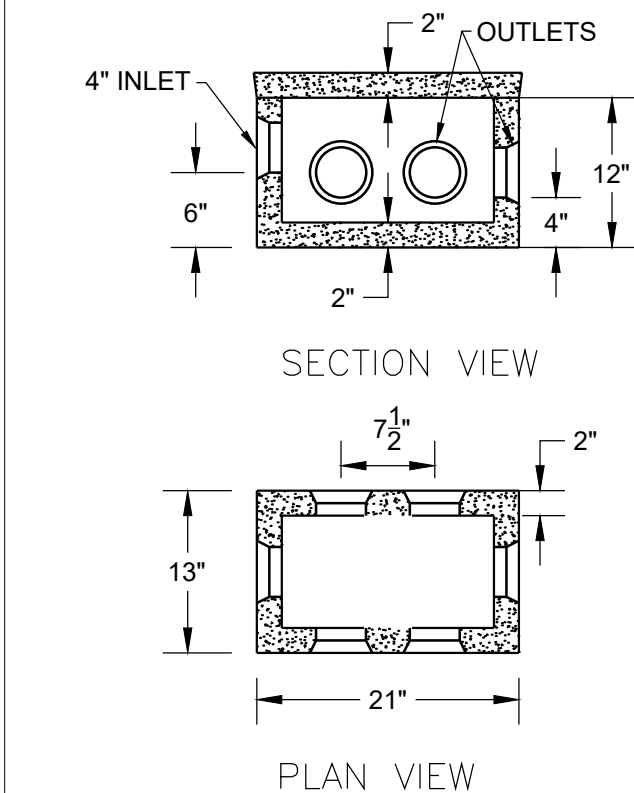
DRAWING NUMBER  
**WW-3**



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.	

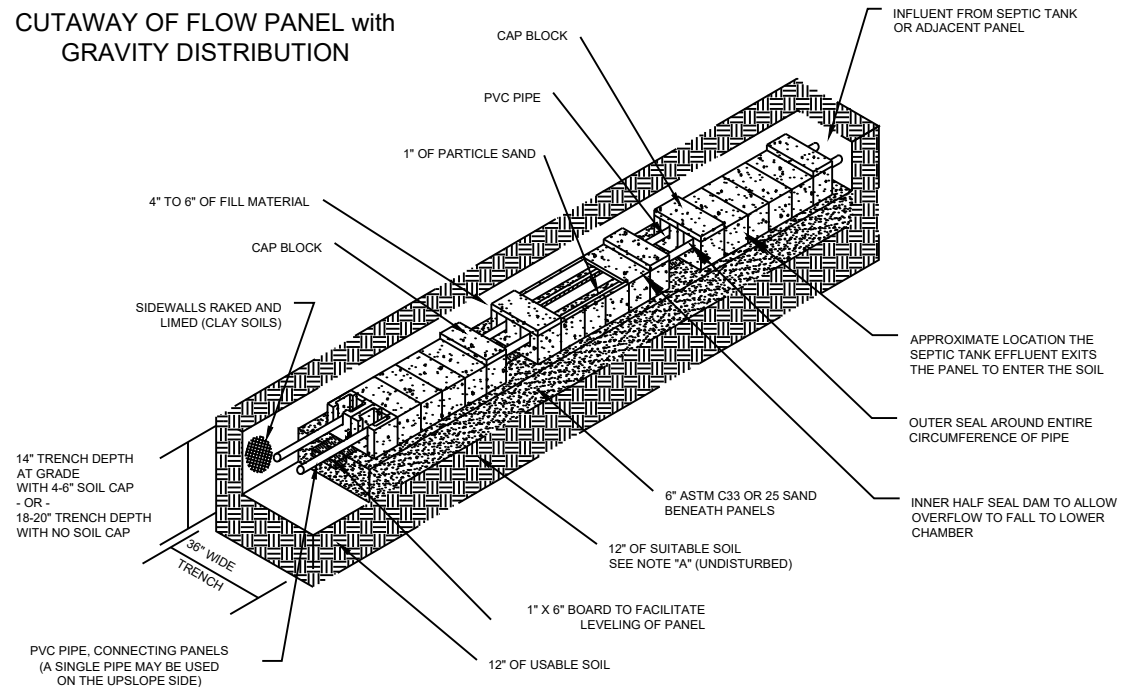
## Septic Tank

SOURCE: Shoaf Precast Septic, Inc.



## Distribution Box

## CUTAWAY OF FLOW PANEL with GRAVITY DISTRIBUTION



## Horizontal T&J Panel - Trench Cross-Section (Typical)

SOURCE: T&J Panel, Inc

### 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.



REV.	ISSUED DATE	DESCRIPTION
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SHEET TITLE

Detail Sheet

DRAWN BY: T. Bostic	CREATED ON: 10/27/2025
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DRAWING NUMBER

**WW-4**