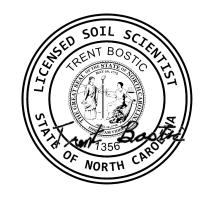


North Carolina Onsite Wastewater Contractor Inspector Certification Board Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems Notice of Intent (NOI) to Construct

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
Site Location Information: Site address: 16 Sundrops Trl, Dunn, NC 28334 Tax parcel identification number or subdivision lot, block number of property: 1509-02-7263 Alton Fields, Lot - 13 County: Harnett
System Information: Wastewater System Type: IIIb Daily Design Flow: 480 Saprolite System: Yes X No Subsurface Operator Required: Yes X No Water Supply Type: Private Well X Public Water Supply Spring Other:
Facility Type: X 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: X Plat or Site Plan Evaluation of Soil and Site Features by Licensed Soil Scientist
Attest: On this the 6 day of MAY, 2025 by signature below I hereby attest that the information requires to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore Refereby attest that the information requires to the have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina. O Certification This NOI shall expire on 6 day of MAY, 2028 Signature of Authorized Onsite Wastewater Evaluator: 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.
501 N Salem Street, Suite 203, Apex, NC 27502
agriwaste.com | 919.859.0669

Soil Suitability for Domestic Sewage Treatment and Disposal Systems Lot – 13, Sundrops Trl, Dunn, NC 28334 (PIN: 1509-02-7263; Harnett County)

PREPARED FOR: RiverWILD Homes, c/o Kelley Judd

PREPARED BY: Trent Bostic, Senior Soil Scientist

DATE: May 6, 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 a grass field. 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 0.375 GPD/ft². 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 25% reduction product. With an LTAR of 0.375 GPD/ft², 320 linear feet of trench is necessary to support a four-bedroom home initial and 320 linear feet of trench is required for the repair system. The attached drawing proves that 640+ 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

Trest Bootic



Agri-Waste Technology, Inc. 501 N Salem Street, Suite 203, Apex, NC 27502 agriwaste.com | 919.859.0669

SOIL & SITE EVALUATION for ON-SITE WASTEWATER SYSTEMS

Evaluation Date PIN/Parcel Proposed Facility Water Supply

5/1/2025
1509-02-7263.
SFR
Municipal

Site Location Property Size (acres) Bedrooms Design Flow (.0400)

County
Property Recorded
Wastewater Strength
Evaluation Method

Harnett
Yes
Domestic
Auger

	Cail Marahalam, Other Factors							1		
		T	Soi	Morphology	Other Factors					
Profile #	.0502 Landscape Position Slope %	Horizon Depth (in)	.0503 Struct ure Textur e		.0504 Soil Wetness Color	.0505 Soil Depth (in)	.0506 Saprolite	.0507 Restrictive Horizon	.0509 Profile Class LTAR	.0502(d) Slope Corrected Depth
		Ap 0-9	LS	NS, NP, Vfr	10YR 5/2					
		E 9-15	LS	NS, NP, Vfr	10YR 6/4	36	Suitable	Suitable	0.375	36
1	2%	Bt	SCL	SS, SP, Fi	10YR 5/6					
							System Type		Conve	ntional
	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					
2		Bt	SCL	SS, SP, Fi	10YR 5/6					
		System Type Conventional								
F										
		Ap 0-9	LS	NS, NP, Vfr	10YR 5/2	36	Suitable	Suitable	0.375	36
	2%	E 9-15	LS	NS, NP, Vfr	10YR 6/4					
3		Bt	SCL	SS, SP, Fi	10YR 5/6					
							System Type		Convei	ntional
		1	1	1	1		T	T	Г	
		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					
4		Bt	SCL	SS, SP, Fi	10YR 5/6					
							System Type		Convei	ntional

|--|

Site Classification	Suitable		
Primary LTAR	0.375	Repair LTAR	0.375
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	
	S (Sand)				Moist	Wet	SG (Single grain)	
I	LS (Loamy Sand)	0.8-1.2	0.4-0.6	0.8-1.5	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)	0.6-0.8	0.3-0.4	0.0-0.8	FR (Friable)	S (Sticky)	SBK (Subangular Blocky)	
	SiL (Silt Loam)				FI (Firm)	VS (Very Sticky)	ABK (Angular Blocky)	
III	SCL (Sandy Clay Loam)	0.3-0.6	0.15-0.3	0.2-0.6	VFI (Very Firm)	NP (Non Plastic)	PR	
III	CL (Clay Loam)	0.0 0.0	0.10 0.0	012 010	EFI (Extremely Firm)	SP (Slightly Plastic)	(Prismatic)	
	SiCL (Silty Clay Loam)					P (Plastic)	PL (PL+)	
	SC (Sandy Clay)			0.05-0.2		VP (Very Plastic)	(Platy)	
IV	SiC (Silty Clay) C (Clay)		0.05-1.5		SEXP (Slight	y Expansive)		
							EXP (Ex	pansive)



MICKEY R.BENNETT L - 1514

I MICKEY R. BENNETT PLS.CERTIFY



SCALE IN FEET 1"= 40'

> 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 PREFORMED ANY SURVEY IN PREPARING THIS PLAT AS OF DATE SHOWN.

> 62 E MCIVERY STREET ANGIER, NC 27501-5891

ALTON FIELDS SUBDIVISION. **BENNETT SURVEYS F-1304** LOT- 13 LILLINGTON, NC 27546 910-893-5252 1662 CLARK ROAD GROVE TOWNSHIP HARNETT COUNTY SCALE: 1"= STATE: NORTH CAROLINA APRIL 10,2025 DRAWN BY: DRAWING NO. CHECKED BY: 25124 1509-02-7263.000 071509 0037 23

FIRM NUMBER 3720150900J

EFFECTIVE DATE 10/3/2006.

S 86°13'49"W PREPARING THIS PLAT PROPOSED PLOT PLAN 16 SUNDROPS TRAIL, DUNN,NC 28334 SITE SITE OWNER: GREGORY INC. TURLINGTON RD CLAYHOLE RD. ZONE RA-30 VICINITY MAP(NTS)

CURVE RADIUS LENGTH CHORD CH.BEARING C22 C23 62.96' S 12°56'38"E 50.00' 20.41' S 27°51'52"E 30'LANDSCAPE BUFFER EASEMENT NC 55 AND AND 13 0.58 AC. 37.0 25,100.0 SF PROPOSED PROPOSED HOUSE DRIVE LOCATION THE FRANKLIN SUNDROPS TRAIL 50'PUBLIC R/W PROPOSED IMPREVIOUS AREA = 2900 SF+-FEMA FLOOD HAZARD STATEMENT ALL PROPERTY SHOWN ON THIS PLAT IS LOCATED WITHIN THE FEMA (ZONE X) NO FIELD SURVEY WAS PREFORMED IN . MINIMAL FLOOD RISK AS SHOWN ON

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

16 Sundrops Trl
Dunn, NC 28334
Harnett County
PIN: 1509-02-7263
RiverWILD Homes
114 W Main St
Clayton, NC 27520
919-373-6048
kelley@staywild.com
Trent Bostic, AOWE
(919) 367-6322
tbostic@agriwaste.com
Agri-Waste Technology, Inc.
501 N. Salem Street, Suite 203
Apex, NC 27502
(919) 859-0669
(919) 233-1970 Fax
Single Family Residence
Four (4) Bedroom, 48 gpd
Gravity Fed, Parallel
Accepted/Innovative Trench Product



VICINITY MAP

Sheet Index

Sheet 1	Cover Sheet
Sheet 2	Property Layout
Sheet 3	Primary Drainfield
Sheet 6	Detail Sheet



Project Location: 16 Sundrops Trl Dunn, NC 28334 Harnett County PIN: 1509-02-7263

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

> NC ONSITE WASTEWATER EVALUATOR SEAL



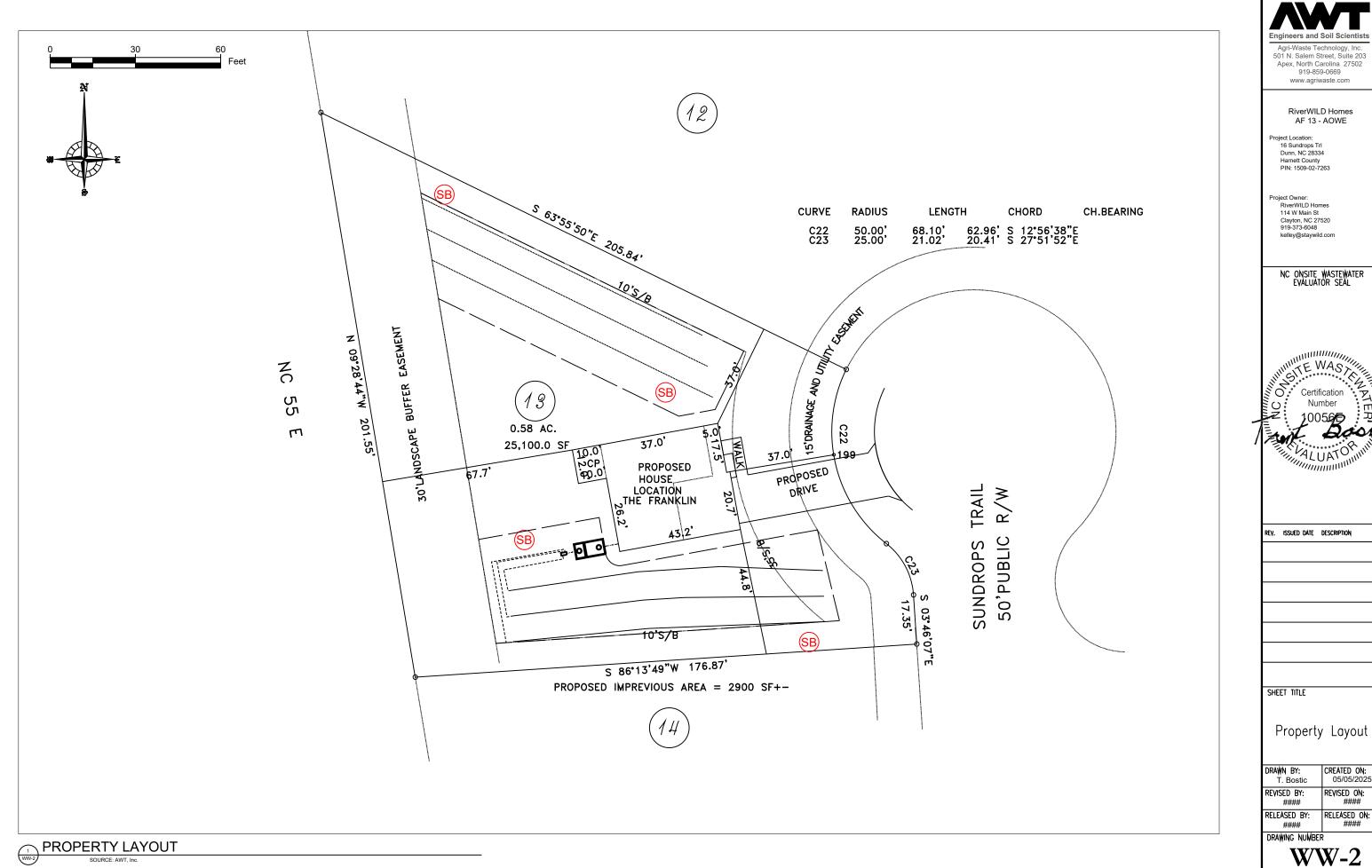
rey. Issued date description

SHEET TITLE

Cover Sheet

DRAWING NUMBER

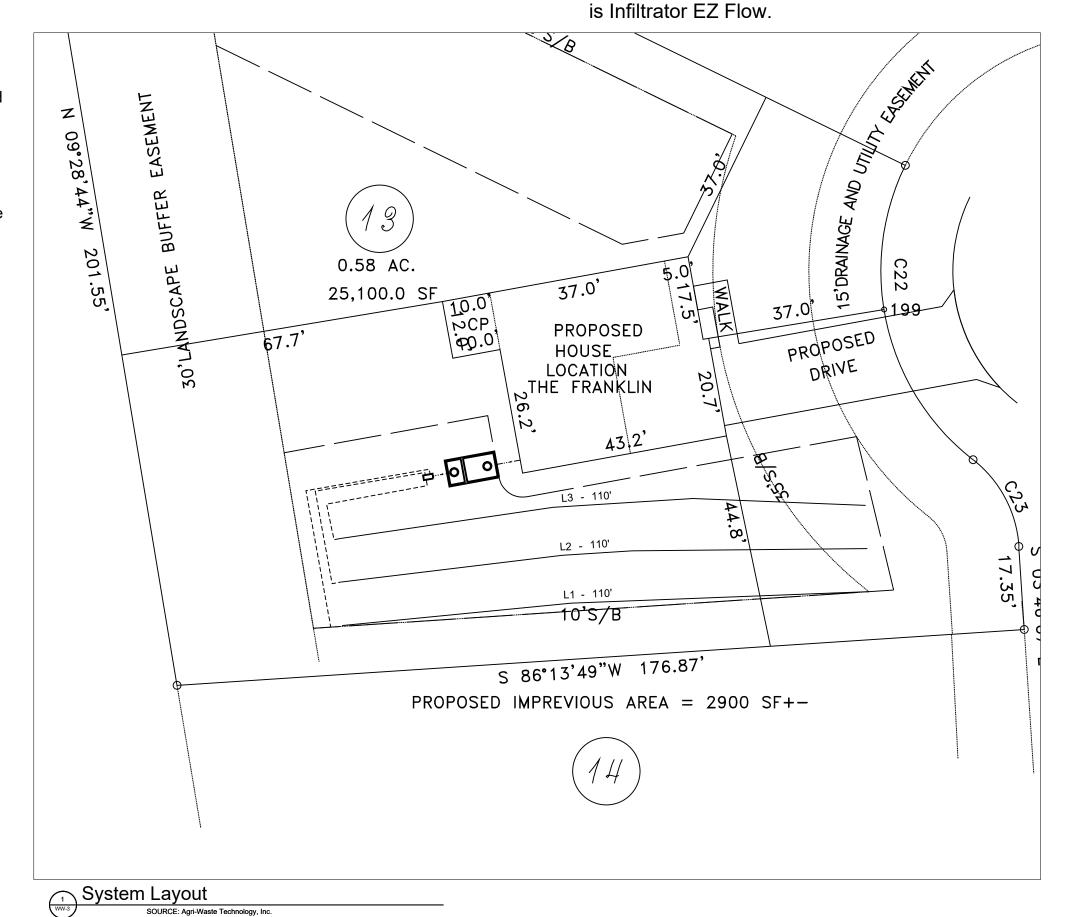






General Drainfield Notes:

- Clear all trees less than 8" in diameter (measured at a height 3' from soil surface) from the drainfield.
- 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
- 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



Agri-Waste Technology, Inc. 501 N. Salem Street, Suite 20 Apex, North Carolina 27502 919-859-0669 www.agriwaste.com

> RiverWILD Homes AF 13 - AOWE

roject Location: 16 Sundrops Trl Dunn, NC 28334 Harnett County PIN: 1509-02-7263

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

NC ONSITE WASTEWATER EVALUATOR SEAL

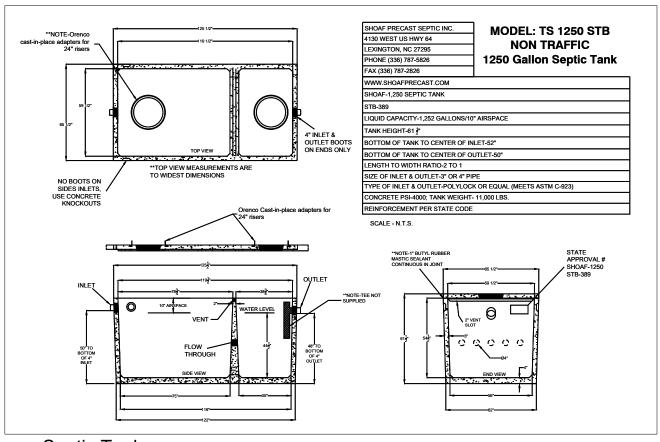
Certification PT 100569 PT

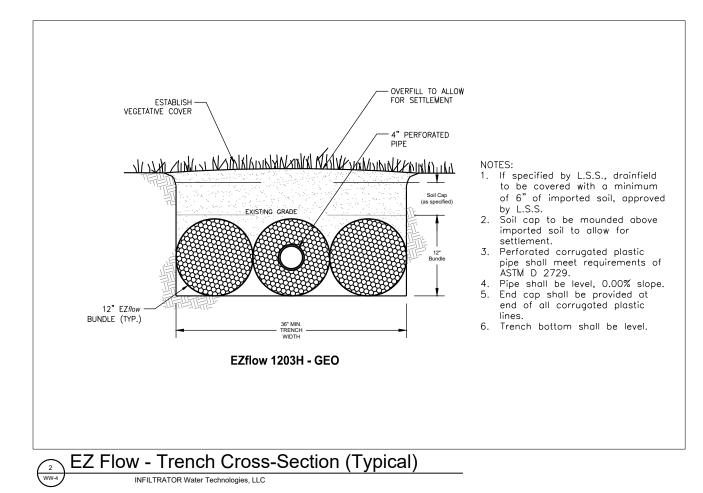
EY, ISSUED DATE DESCRIPTION

SHEET TITLE

Primary Layout

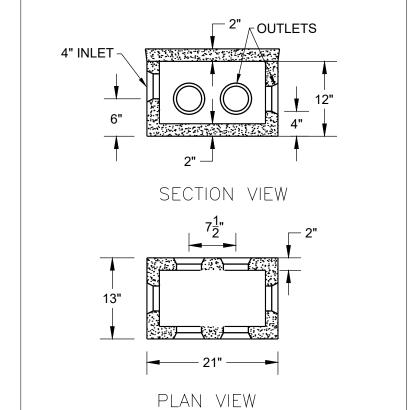
DRAWING NUMBER





Septic Tank

SOURCE: Shoaf Precast Septic, Inc.



Distribution Box

<u>NOTES</u>

- 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

- 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.

Engineers and Soil Scientists

Agri-Waste Technology, Inc. 501 N. Salem Street, Suite 203 Apex, North Carolina 27502 919-859-0669 www.agriwaste.com

RiverWILD Homes AF 13 - AOWE

Project Location: 16 Sundrops Trl Dunn, NC 28334 Harnett County PIN: 1509-02-7263

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

NC ONSITE WASTEWATER EVALUATOR SEAL



rey. Issued date description

SHEET TITLE

Detail Sheet

DRAWN BY:
T. Bostic
T. Bostic
T. Bostic
REVISED BY:
####
RELEASED BY:
####
RELEASED BY:
####
RELEASED BY:
####

DRAWING NUMBER



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).

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

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