

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

X 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 Email: kelley@staywild.com
Authorized Onsite Wastewater Evaluator Information: Name: Trent Bostic Mailing address: 501 N Salem St, Ste 203 City: Apex State: NC Zip: 27502 Phone: 919-367-6322 Email: tbostic@agriwaste.com
Site Location Information: Site address: 42 Sundrops Trl, Dunn, NC 28334 Tax parcel identification number or subdivision lot, block number of property: 1509-02-7098 Alton Fields, Lot - 14 County: Harnett
System Information: Wastewater System Type: 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:
Required Attachments: X Plat or Site Plan X 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 Fedure 50 be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, Refereby attest that finance in the state of North Carolina. O Certification This NOI shall expire on 6 day of MAY, 2028. Signature of Authorized Onsite Wastewater Evaluator: That Boottic 10056F 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 – 14, Sundrops Trl, Dunn, NC 28334 (PIN: 1509-02-7098; 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

Trent Bostic



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
 5

 1509-02-7098
 Prop

 SFR
 Des

Site Location Property Size (acres) Bedrooms Design Flow (.0400) 42 Sundrops Trl 0.58 4 480

County Property Recorded Wastewater Strength Evaluation Method Harnett Yes Domestic Auger

			Soi	l Morphology		Oth	ner Factors				
Profile #	.0502 Landscape Position Slope %	Horizon Depth (in)	.0503 Struct ure Textur e	.0503 Consistence	.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	36	Suitable	Suitable	0.375	36	
		E 9-15	LS	NS, NP, Vfr	10YR 6/4						
1	2%	Bt	SCL	SS, SP, Fi	10YR 5/6						
							System Type		Conve	ntional	

							System Type		Conve	ntional
2	2%	Bt	SCL	SS, SP, Fi	10YR 5/6					
		E 9-15	LS	NS, NP, Vfr	10YR 6/4	36	Suitable	Suitable	0.375	36
		Ap 0-9	LS	NS, NP, Vfr	10YR 5/2					

1										
							System Type		Conve	ntional
3	2%	Bt	SCL	SS, SP, Fi	10YR 5/6					
		E 9-15	LS	NS, NP, Vfr	10YR 6/4	36	Suitable	Suitable	0.375	36
		Ap 0-9	LS	NS, NP, Vfr	10YR 5/2					

							System Type		Convei	ntional
4	2%	Bt	SCL	SS, SP, Fi	10YR 5/6					
		E 9-15	LS	NS, NP, Vfr	10YR 6/4	36	Suitable	Suitable	0.375	36
		Ap 0-9	LS	NS, NP, Vfr	10YR 5/2					

Evlauted by: TB	Site Classification	Suitable		
	Primary LTAR	0.375	Repair LTAR	0.375
	Primary Trench Depth	24	Repair Trench Depth	24

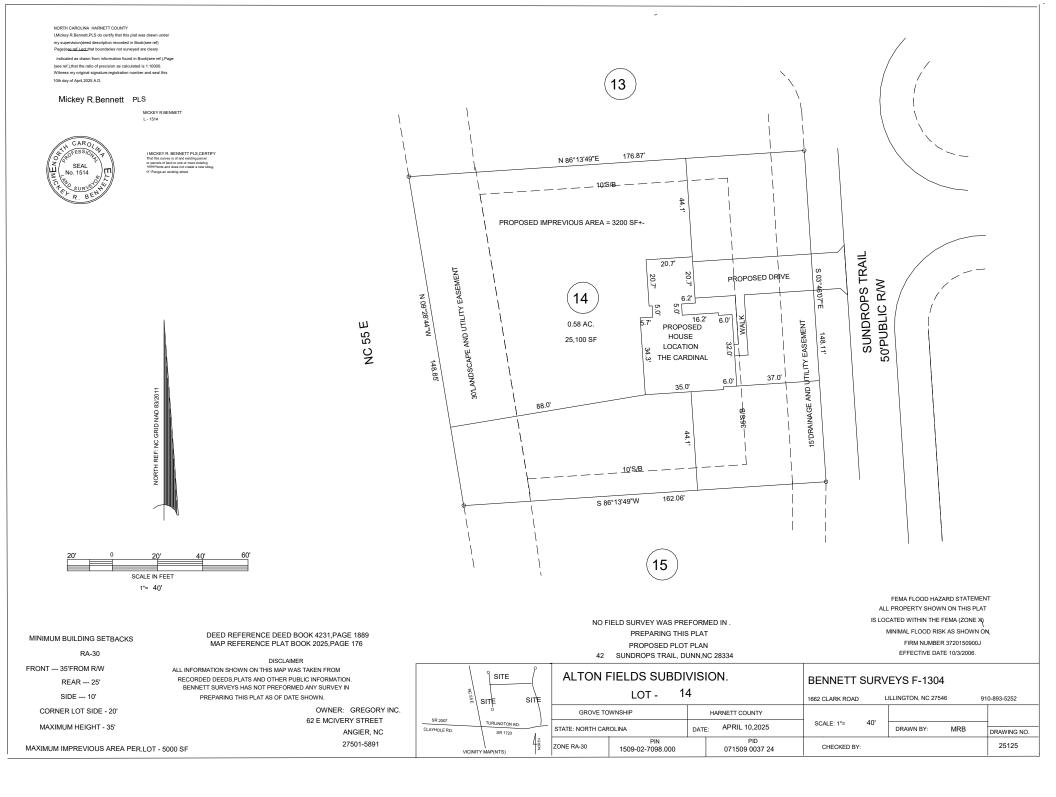


Agri-Waste Technology, Inc. 501 N Salem Street, Suite 203, Apex, NC 27502 agriwaste.com I 919.859.0669

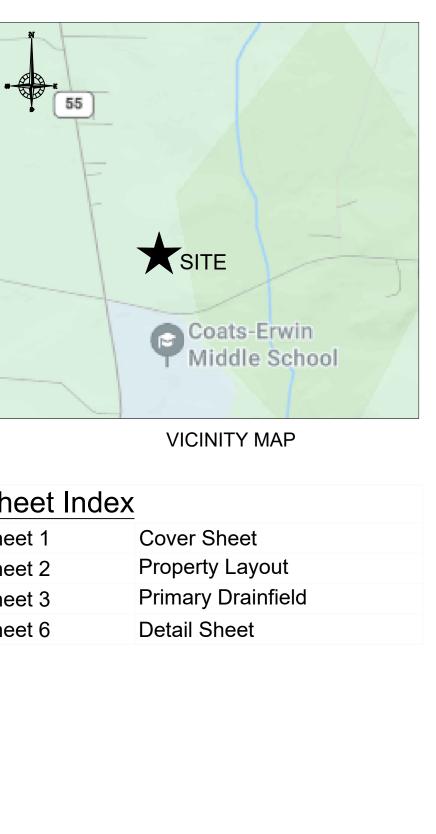
SOIL & SITE EVALUATION for ON-SITE WASTEWATER SYSTEMS

LEGEND

Soil Group	Soil Group Soil Texture Conventional LTAR		Anaerobic Dip LTAR Aerobic Drip LTAR (TS			alogy & stence	Structure	
	S (Sand)				Moist	Wet	SG (Single grain)	
Ι	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)	0.0-0.0	0.3-0.4	0.0-0.8	FR (Friable)	S (Sticky)	SBK (Subangular Blocky)	
	SiL (Silt Loam)				Fl (Firm)	VS (Very Sticky)	ABK (Angular Blocky)	
111	SCL (Sandy Clay Loam)	0.3-0.6	0.15-0.3	0.2-0.6	VFI (Very Firm)	NP (Non Plastic)	PR (Prismatic)	
	CL (Clay Loam)				EFI (Extremely Firm)	SP (Slightly Plastic)		
	SiCL (Silty Clay Loam) SC					P (Plastic) VP	PL (Platy)	
IV	(Sandy Clay) SiC	0.1-0.4	0.05-1.5	0.05-0.2		(Very Plastic)		
īv	(Silty Clay) C (Clay)	0.1-0.4	0.05-1.5			ty Expansive) pansive)		



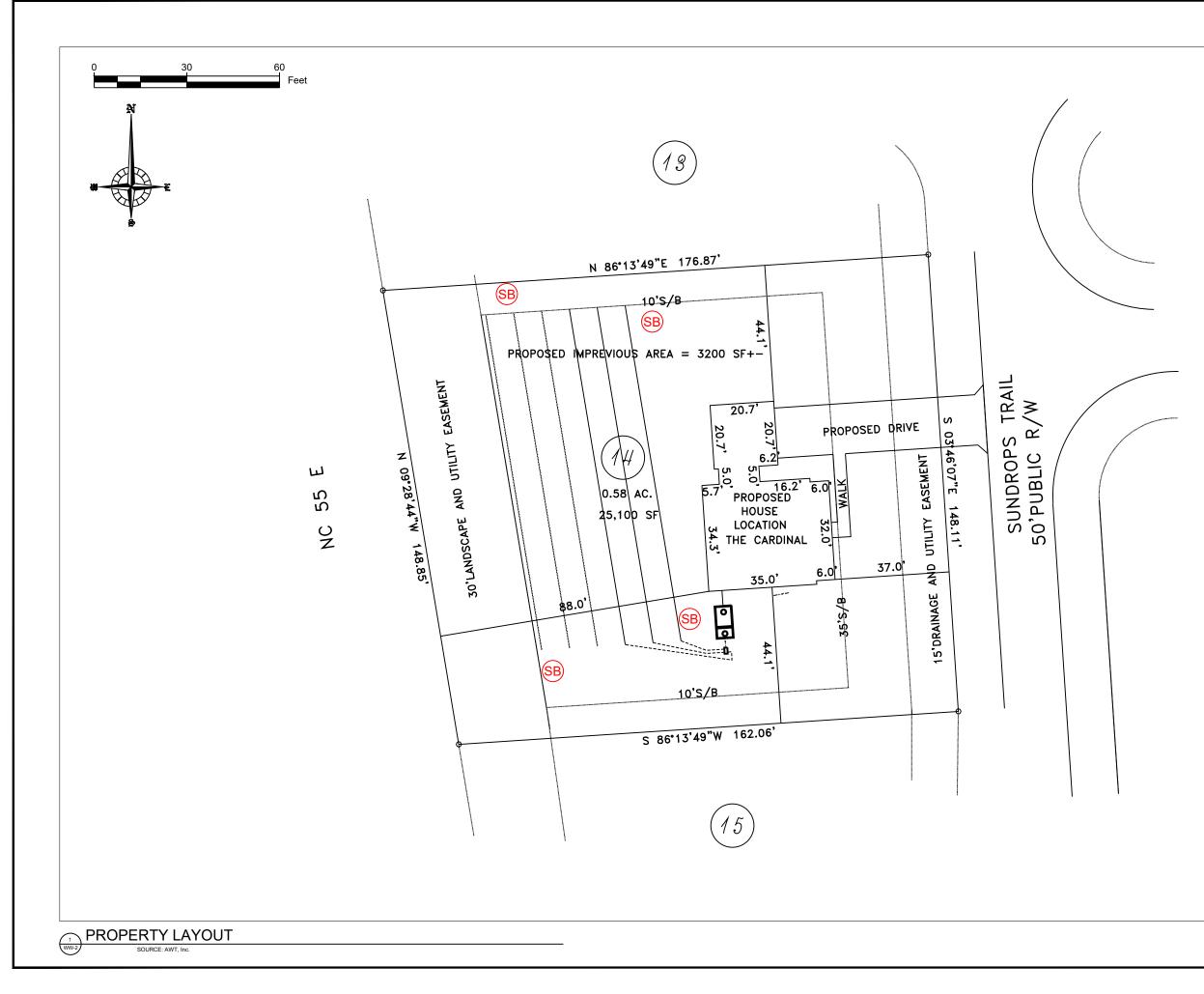
AF 14 - AOWE	
Project Location	42 Sundrops Trl
	Dunn, NC 28334
	Harnett County
	PIN: 1509-02-7098
Project Owner	RiverWILD Homes
	114 W Main St
	Clayton, NC 27520
	919-373-6048
	kelley@staywild.com
Project Consultant	Trent Bostic, AOWE
	(919) 367-6322
	tbostic@agriwaste.com
	Agri-Waste Technology, Inc.
	501 N. Salem Street, Suite 203
	Apex, NC 27502
	(919) 859-0669
	(919) 233-1970 Fax
System Overview	Single Family Residence
	Four (4) Bedroom, 48 gpd
	Gravity Fed, Parallel
	Accepted/Innovative Trench Product



Sheet Index								
Sheet 1	Cover							
Sheet 2	Proper							
Sheet 3	Primary							
Sheet 6	Detail S							

	Engineers and	Soil Scientists					
	Agri-Waste Te 501 N. Salem S	chnology, Inc.					
	Apex, North C 919-85	arolina 27502					
	www.agriv	vaste.com					
		D Homes - AOWE					
	Project Location:	-					
	42 Sundrops T Dunn, NC 283 Harnett County	34					
	PIN: 1509-02-7098						
	Project Owner:						
	RiverWILD Ho 114 W Main St Clayton, NC 23						
	919-373-6048 kelley@staywil						
	Konoy@oldywn						
	NC ONSITE	WASTEWATER					
	EVALUĀT	Wastewater Or Seal					
		VAS					
		VAST					
-	Z 200	560 고					
/	Ant	Doch	È				
/	ALL	DOC P	È				
/	VALU	Dec	Ń				
/		Deo	Ń				
/	REV. ISSUED DATE		Ś				
/			Ś				
/			N.				
/							
/							
/							
	REV. ISSUED DATE	DESCRIPTION					
	REY. ISSUED DATE	DESCRIPTION					
	REV. ISSUED DATE	DESCRIPTION Sheet CREATED ON:					
	REY. ISSUED DATE SHEET TITLE COVET DRAWN BY: T. Bostic REVISED BY: #### RELEASED BY:	DESCRIPTION DESCRIPTION Sheet CREATED ON: 05/05/2025 REVISED ON:					
/	REY. ISSUED DATE SHEET TITLE COVET DRAWN BY: T. Bostic REVISED BY: #### RELEASED BY: #### DRAWING NUMBER	DESCRIPTION					





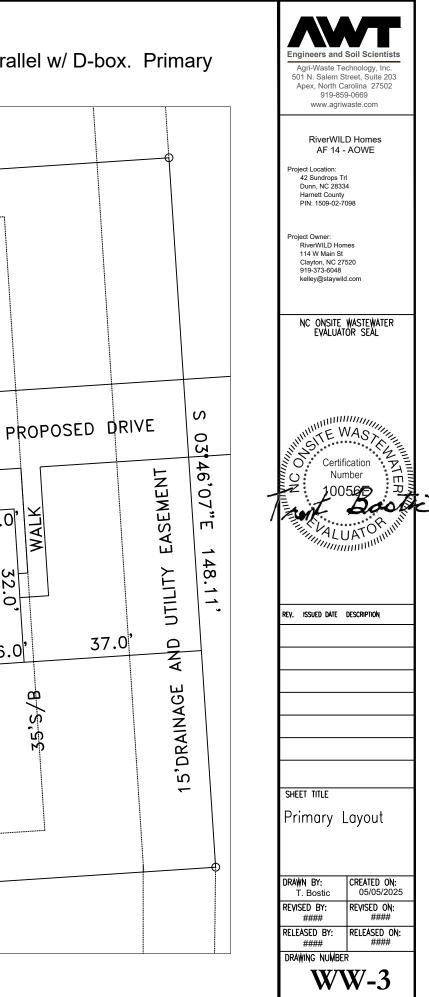
	Engineers and Soil Scientists Agri-Waste Technology, Inc. 501 N. Salem Street, Suite 203 Apex, North Carolina 27502 919-859-0669 www.agriwaste.com
	RiverWILD Homes AF 14 - AOWE Project Location: 42 Sundrops Tri Dum, NC 28334 Harnett County PIN: 1509-02-7098
	Project Owner: River/WILD Homes 114 W Main St Clayton, NC 27520 919-373-6048 kelley@staywild.com
	NC ONSITE WASTEWATER EVALUATOR SEAL
	Certification Number 100560
	Rev. Issued date description
	SHEET TITLE
	Property Layout DRAWN BY: CREATED ON:
	T. Bostic 05/05/2025 REVISED BY: REVISED ON: #### RELEASED BY: ##### RELEASED ON: ##### ######
1	DRAWING NUMBER

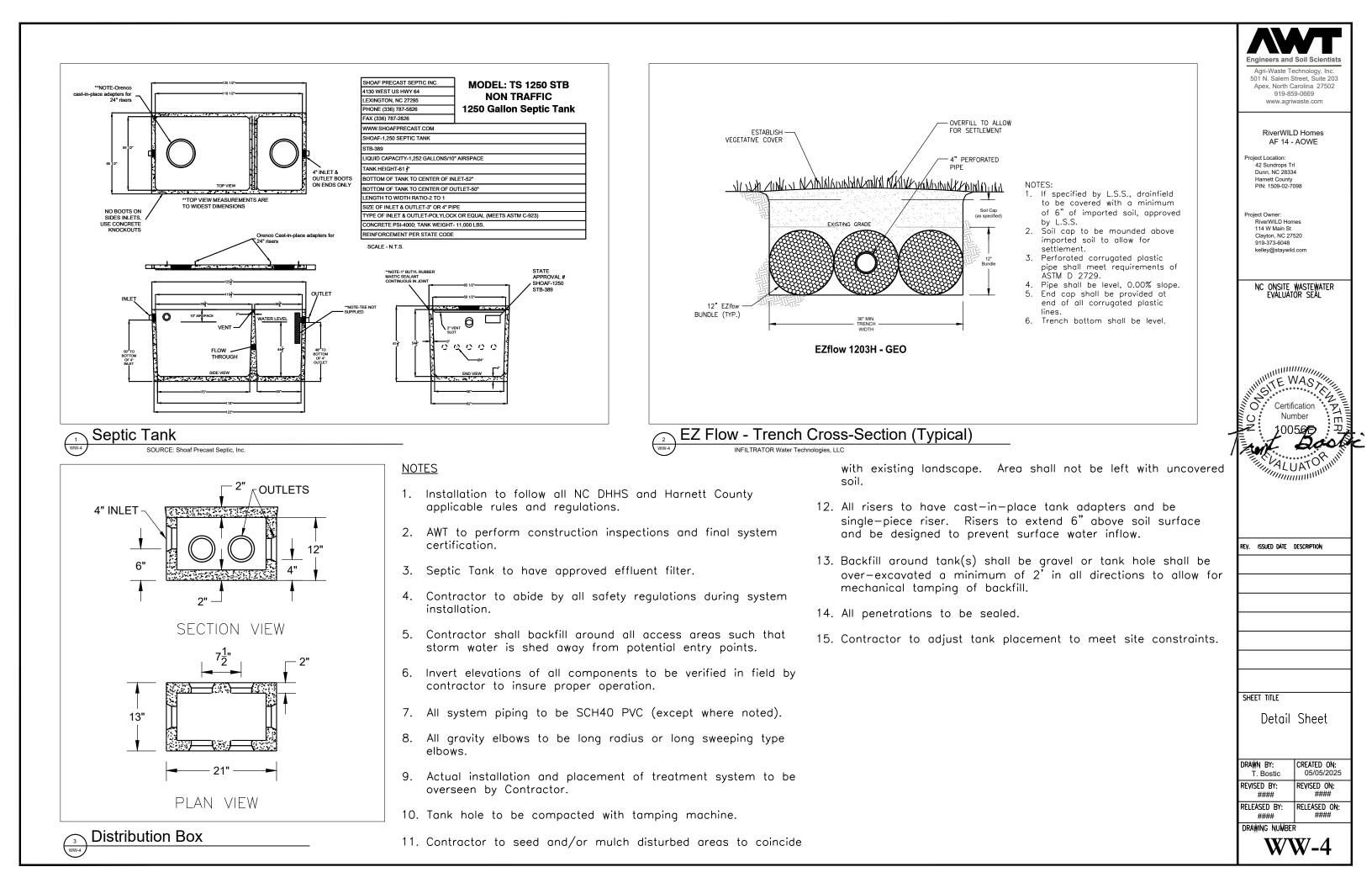
General Drainfield Notes:

- 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.

is Infiltrator EZ Flow. N 86°13'49"E 176.87' 10'S/B 44 PROPOSED IMPREVIOUS AREA = 3200 SF+-EASEMENT 5 5 20.7 110 110 110 20.7 20.7' AND UTILITY Z 6.2 09°28'44"W S ப o . O 16.2' 6.0 5.7 0.58 AC. PROPOSED \mathbf{D} HOUSE 30'LANDSCAPE 25,100 SF LOCATION 32 34.3 THE CARDINAL o Z 148.85 6.0 35.0 88.0 0 0 44.1 10'S/B S 86°13'49"W 162.06' System Layout SOURCE: Agri-Waste Technology, Inc.

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







CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

			• • •					-	1/:	20/2025	
C B	HIS CERTIFICATE IS ISSUED AS A M ERTIFICATE DOES NOT AFFIRMATI ELOW. THIS CERTIFICATE OF INS EPRESENTATIVE OR PRODUCER, AN	VEL URA	Y OR	NEGATIVELY AMEND, DOES NOT CONSTITUT	EXTEN	ID OR ALTE	ER THE CO	VERAGE AFFORDED E	Y THE	POLICIES	
IN	MPORTANT: If the certificate holder i	s an	ADD	ITIONAL INSURED, the p	olicy(ie	es) must hav		IAL INSURED provision	s or be	endorsed.	
	SUBROGATION IS WAIVED, subject							require an endorsement	t. Asta	atement on	
	nis certificate does not confer rights to	o the	e certi	ficate holder in lieu of su							
	DUCER rtsfield & Nash Agency, Inc.				NAME:	Connie Ga		FAX			
	405 Ligon Mill Rd., Ste H				(A/C, No, Ext): 984-235-4273 (A/C, No): 919-556-8758						
	ake Forest NC 27587				E-MAIL ADDRESS: connie@hartsfield-nash.com						
							NAIC #				
				License#: 1000009111	INSURE	RA: Selective	e Insurance C	company of		39926	
		AGRITEC-01	INSURE	к в : Accident	Fund			10166			
	ri-Waste Technology Inc 1 N. Salem St Ste 203		INSURE	R c : Evanstor	n Insurance C	Company		35378			
	ex NC 27502				INSURE	RD:					
Ι.					INSURE	RE:					
					INSURE	RF:					
co	VERAGES CER	TIFI	CATE	NUMBER: 1304989694				REVISION NUMBER:			
	HIS IS TO CERTIFY THAT THE POLICIES										
C E	IDICATED. NOTWITHSTANDING ANY RE ERTIFICATE MAY BE ISSUED OR MAY F XCLUSIONS AND CONDITIONS OF SUCH I	PERT POLI	AIN, CIES.	THE INSURANCE AFFORDE	ED BY ⁻	THE POLICIES EDUCED BY I	S DESCRIBED PAID CLAIMS.				
INSR LTR	TYPE OF INSURANCE		SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s		
Α	X COMMERCIAL GENERAL LIABILITY			S 2253659		1/18/2025	1/18/2026	EACH OCCURRENCE	\$ 2,000	,000	
	CLAIMS-MADE X OCCUR							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,0	00	
								MED EXP (Any one person)	\$ 10,00	0	
								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	
A				S 2253659		1/18/2025	1/18/2026	COMBINED SINGLE LIMIT	\$ 1,000	.000	
	X ANY AUTO				1110			(Ea accident) BODILY INJURY (Per person)	\$,	
	OWNED SCHEDULED							BODILY INJURY (Per accident)	\$		
	AUTOS ONLY AUTOS X HIRED X NON-OWNED							PROPERTY DAMAGE	\$		
	AUTOS ONLY AUTOS ONLY							(Per accident)	\$		
A	X UMBRELLA LIAB X OCCUR			S 2253659		1/18/2025	1/18/2026				
$ ^{}$				3 2203009		1/10/2023	1/10/2020	EACH OCCURRENCE	\$2,000		
	CLAIMS-MADE							AGGREGATE	\$2,000	,000	
В	DED RETENTION \$			40000070		4/40/0005	4/40/0000	X PER OTH-	\$		
	AND EMPLOYERS' LIABILITY Y / N			100003072		1/18/2025	1/18/2026	X PER OTH- STATUTE ER			
	ANYPROPRIETOR/PARTNER/EXECUTIVE	N / A						E.L. EACH ACCIDENT	\$1,000		
	(Mandatory in NH)							E.L. DISEASE - EA EMPLOYEE			
	DÉSCRIPTION OF OPERATIONS below					0.00.000.0	0/00/0005	E.L. DISEASE - POLICY LIMIT	\$ 1,000		
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 25,00		
	CRIPTION OF OPERATIONS / LOCATIONS / VEHICL	ES //		101 Additional Romarka Cabadul	la may ka	attached if man					
	CRIPTION OF OPERATIONS / LOCATIONS / VEHICL	.ES (/	ACORD	101, Additional Remarks Schedul	le, may be	attached if more	e space is require	ea)			
CE	RTIFICATE HOLDER				CANC	ELLATION					
	Artisan Custom Homes 21016 Catawba Avenue					EXPIRATION ORDANCE WI	N DATE THE TH THE POLIC	ESCRIBED POLICIES BE C EREOF, NOTICE WILL I Y PROVISIONS.			
	Cornelius NC 28031				AUTHOR	RIZED REPRESE	NTATIVE				
	USA				Con	mi a	allela				
	USA Conni galab										

The ACORD name and logo are registered marks of ACORD

© 1988-2015 ACORD CORPORATION. All rights reserved.