MANF - 2025 - 77044

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PERMIT # OSWP 2025-70082

PIN # 3796 -86 -7253

APPLICANT/OWNER: Jake Aaron & Jeff Barnette APPLICANT ADDRESS: 265 Saint Matthews Church Rd Salisbury, NC 28146

SITE ADDRESS: 120 Farmchase Circle Stony Point, NC 28678 PHONE: 828-461-8966 ALT. PHONE 704-609-5463

SITE DIRECTIONS: US 64 to E. Laws Farm to Sweet Cherry to Farmchase SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Fieldcraft SECTION: - LOT # 46 LOT AREA: .69 DESIGN FLOW: 360 L.T.A.R.(Initial): .30 L.T.A.R (Repair): .30

Septic Tank 1000 (gal) STB 160 Date

Pump Tank - (gal) PT - Date -

Pump Make - Model - Serial # -

Nitrification Fields 1 # Lines 4 Linear Ft 300

Trench Width 36 in *Max. Trench Depth(Initial) 30 in *Max. Trench Depth(Repair) 30 in Gravel Depth -

* Measured on the downhill side of the trench

☒ New System ☐ Repair ☐ Expansion System Type: I (II) III IV V VI

System Description: Gravity - 25% Reduction

Repair System Description: PPBPS - 50% Reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 48

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Usable Depth to LC (Repair): 48+ *Limiting Condition*

Water Supply

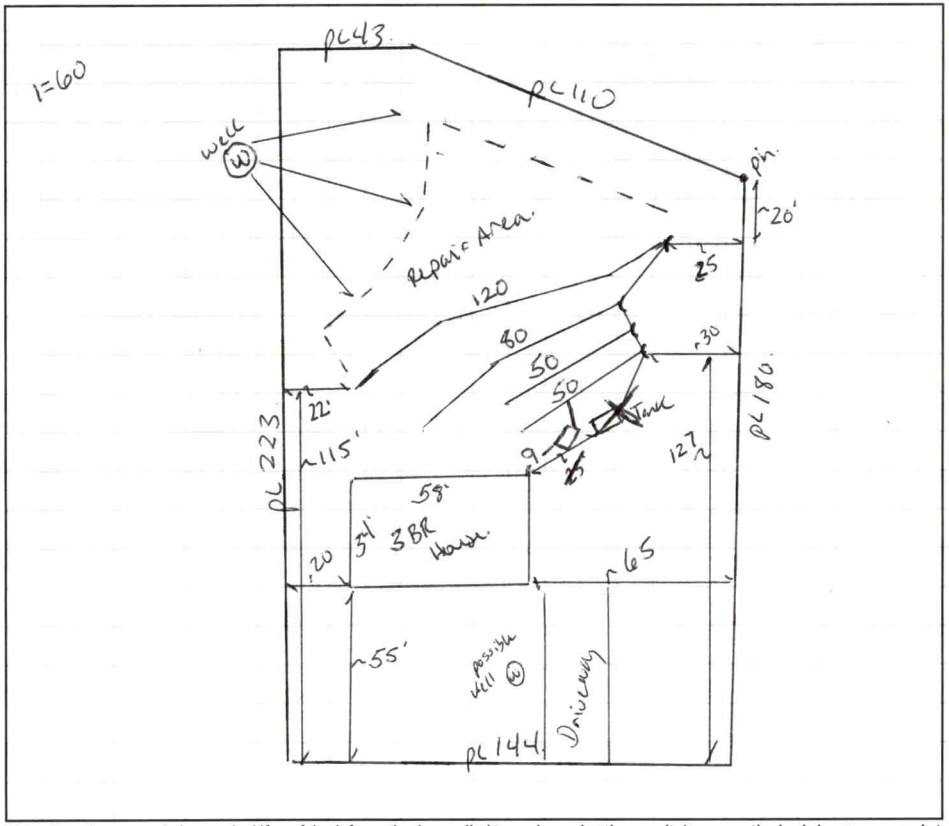
☒ Private

☐ Public

☐ Community

Comments / Conditions: Install Septic Drawings on the contour of the land utilize Serial Distribution. Do not Drive pass pave, goods, or any vehicles on Drenfield Area.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Installed as Drawn

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** ***with plat*** *valid without expiration.* ☒ **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: Installed by: K & M Grading

IMPROVEMENT PERMIT by: Benjamin A Barnes Date: 3/4/2025 OPERATION PERMIT by: Cory Wilt Date: 4/17/25

AUTHORIZATION TO CONSTRUCT by: Benjamin A Barnes Date: 3/4/2025 Existing System Inspected by: Date:

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 3796867253
COUNTY: Durham

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Jake Aaron / Jeff Bennett DATE EVALUATED: 2-25
ADDRESS: 265 Saint Matthew Church
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: .69
LOCATION OF SITE: 120 Fairmont PROPERTY RECORDED: Y/N
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50
EVALUATION METHOD: Auger Boring (Pit) Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	Ridge 5-10%	0-36	C SBK	SS SP FR SEW	2.5YR 4/6	50	Few to common Mica	-	PS .30	
		36-50	CL WSBK	SS SP VFR						
2	Ridge 5-10%	0-33	C - ABK	SS SP FR SEW	2.5YR 4/6	48	Few to common Mica		PS .30	
		33-48	CL WSBK	SS SP FR						
3	Ridge 5-10%	0-38	C SBK	SS SP FR SEW	2.5YR 4/6	58	Few to Comm Mica		PS .30	
		38-58	CL WSBK	SS SP FR						
4	Ridge 5-10%	0-30	C SBK	SS SP FR SEW	2.5YR 4/6	55			PS .30	
		30-55	CL WSBK	SS SP FR						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	300	200
System Type(s)	II	III
Site LTAR	.30	.30
Maximum Trench Depth	36	36

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Watkins
OTHER(S) PRESENT: _____

Comments: Nitrates well

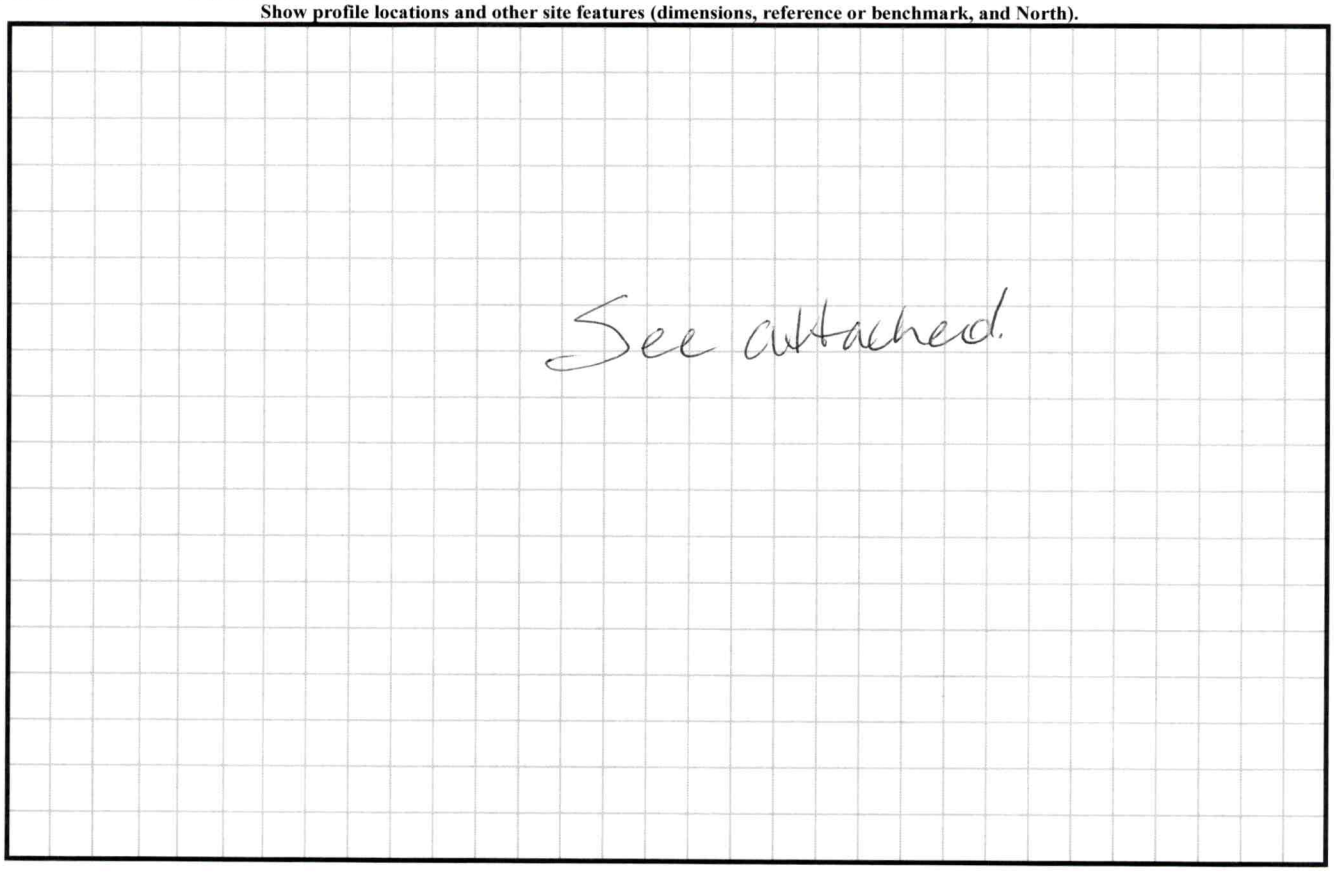
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

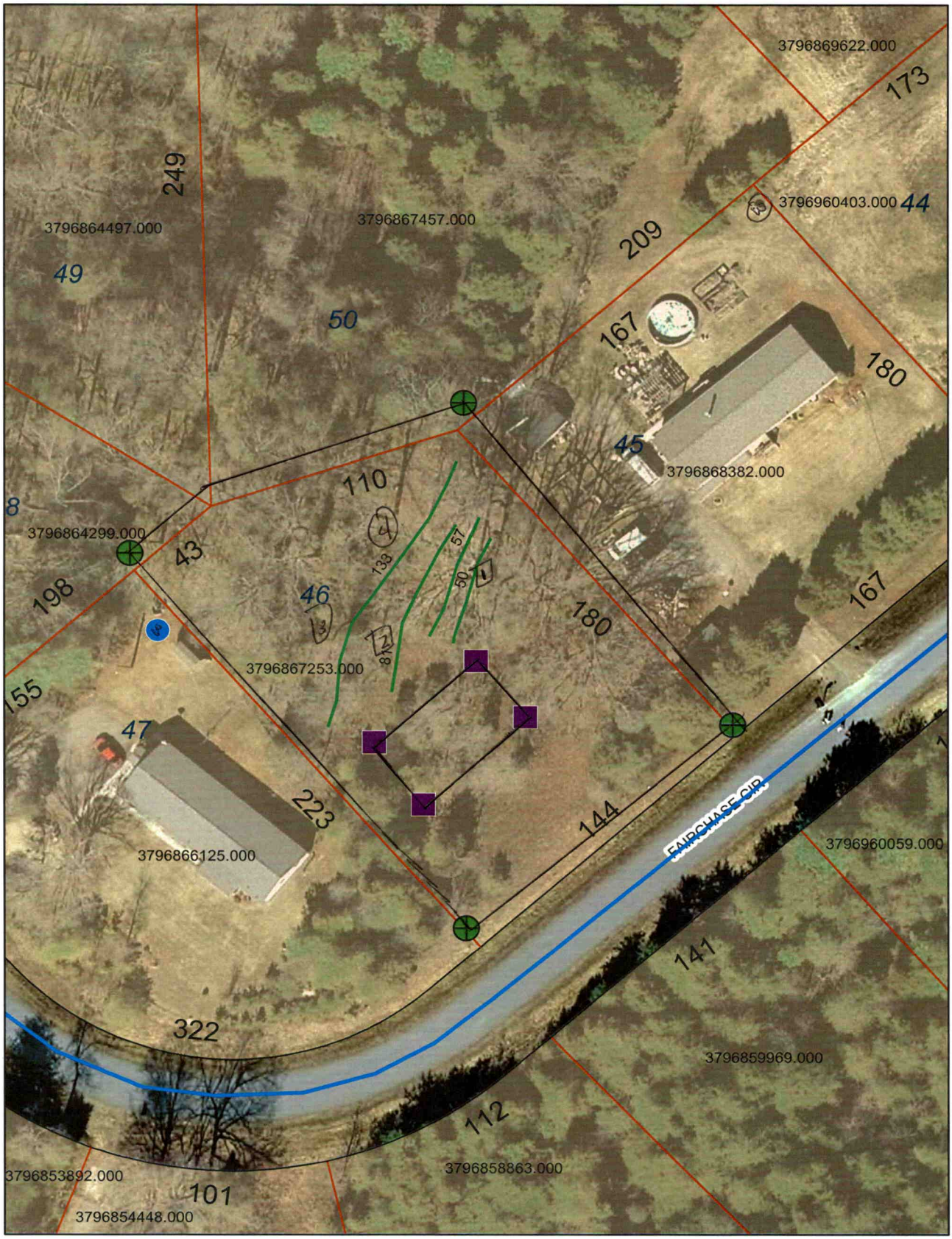
* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).



1=60



50
50
80
120

PERMIT SNAPSHOT REPORT OSWP-2025-70082 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	02/12/2025
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	02/18/2025
Valuation:	$0.00	**Assigned To:**	Botkins, Ben	**Approval Expire Date:**	
Description:	IP and AC for septic				

Parcel: 3796867253.000 Main	**Address:** 120 Fairchase Cir Stony Point, NC 28678 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
Jake Aaron Home: (828) 461-8966	Jeff Barnette 265 Saint Matthews Church Rd Salisbury, NC 28146 Business: (864) 359-6657 Mobile: (864) 359-6657	Tommy Barron 16930 West Catawba Ave Suite 100E Cornelius, NC 28031 Business: (704) 609-5463 Mobile: (704) 609-5463

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	32 x 56 Manufactured home, 1 6x6 front deck and 1 6x6 rear
What are the proposed structures	Manufactured Home, New Single-Family Residence - Mobile Home	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	2	Foundation Type	Crawl Space Foundation	Water Supply	New Well
Desired Septic System Type	Conventional (most common)	If other septic system type, please explain		Pump Make	
# of Nitrification Fields		Model		Serial #	
System Description		Repair System Description		Comments/Conditions	
Permit type(s)	Authorization to Construct, Improvement Permit with Site Plan	Lot Acreage	0.69	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Is the structure or development in the floodplain	No	Is the property in a local historic district?	No	Is the property located downtown?	No
Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jeff_Barnette_2/12/2025.jpg	02/12/2025 15:59	Barnette, Jeff		Uploaded via CSS
ATA Vargas_v1.pdf	02/12/2025 16:27	Barnette, Jeff	Available Online	
Floorplan Phoenix 32x56_v1.pdf	02/14/2025 9:39	Barnette, Jeff	Available Online	
vargas site plan 2_v1.pdf	02/14/2025 10:35	Barnette, Jeff	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2025-283982	Requested	OSWP Septic/Well Preliminary Site Visit	02/18/2025	02/19/2025 0:00	02/19/2025 0:00		

Inspectors: Fleming, Latasha (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general	No	

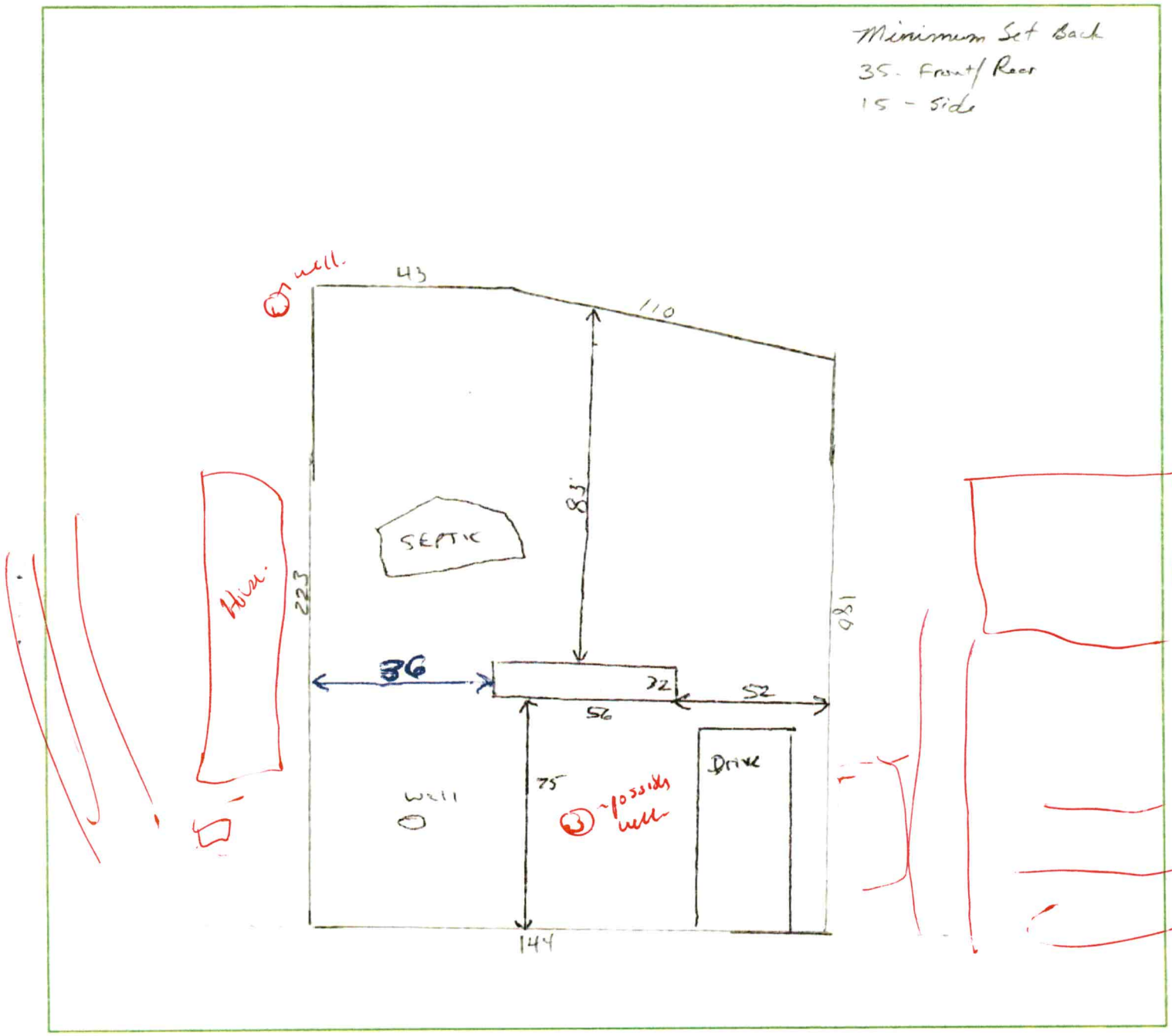
	comments, not specific to any other checklist item

Note	Created By	Date and Time Created
1. I called applicant and left a voice message to call me back.	Peter Mravetz	02/17/2025 11:31

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00041183	Iredell Zoning Permit Fee		$75.00	$75.00
	New Gravity System		$500.00	$500.00
	Iredell Zoning Tech Fee		$2.25	$2.25
		Total for Invoice INV-00041183	$577.25	$577.25
		Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		02/14/2025 9:39	02/14/2025 9:40
Confirm application complete v.1	Generic Action		02/14/2025 9:40
Fees v.1		02/17/2025 11:06	02/17/2025 11:06
Issue Invoice v.1	Generic Action		02/17/2025 11:06
Fees Paid v.1	Generic Action		02/17/2025 11:06
Zoning Review v.1		02/14/2025 10:51	02/17/2025 11:06
~~Floodplain Admin Overview v.1~~	Task		02/14/2025 10:51
Iredell County Zoning Approval v.1	Task	02/14/2025 10:51	02/14/2025 10:51
Issue Invoice v.1	Generic Action		02/14/2025 10:51
Fees Paid v.1	Generic Action		02/17/2025 11:06
Lot Readiness Verification v.1		02/18/2025 11:43	
OSWP Septic Preliminary Site Visit v.1	Inspection	02/18/2025 11:43	02/18/2025 11:43
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

ADDENDUM TO THE SALES AGREEMENT
PLOT MAP / SITE PLAN



SIGNATURE OF BUYER _____ DATE 2/7/2025

SIGNATURE OF BUYER _____

HOME CONSULTANT _____

Address: 120 Fairchase Cir. Stony Point NC 28678

Lot # 46 PIN 3796867253.000