ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-37930

PERMIT # OSWP-2023-34587

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

PIN # 4712 -- 43 -- 3214

APPLICANT/OWNER: ALLEN JOHNSTON

APPLICANT ADDRESS: 192 CRESTVIEW ACRES ROAD, STATESVILLE, N.C. 28677

SITE ADDRESS: 1197 EUFOLA ROAD, STATESVILLE, N.C. 28677

PHONE: 704-326-6736

ALT. PHONE –

SITE DIRECTIONS: (W) ON 70, (L) ON BUFFALO SHOALS, (R) ON EUFOLA, LOT ON (R)

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: EUFOLA FARMS

SECTION: – LOT # 2 LOT AREA: 1.191 AC

DESIGN FLOW: 480 GPD L.T.A.R.: 0.25 (0.1) REPAIR

Septic Tank	1000	(gal)	STB 760	Date			
Pump Tank	–	(gal)	PT –	Date	–		
Pump Make	–	Model	–	Serial #	–		
# Nitrification Fields	1	# Lines	5	Linear Ft	320 FT		
Trench Width	36 IN	Trench Bottom Depth(Low side)	54 IN	Gravel Depth	–		

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

System Description: 50% REDUCTION - HPPBPS

Repair System Description: DRIP IRRIGATION

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

☑ Residence ☐ Business ☐ Other ☑ Slab ☐ Crawl Space ☐ Basement w/plumbing ☐ Basement w/o plumbing

No. Bedrooms 4 No. Persons 8 No. Employees –

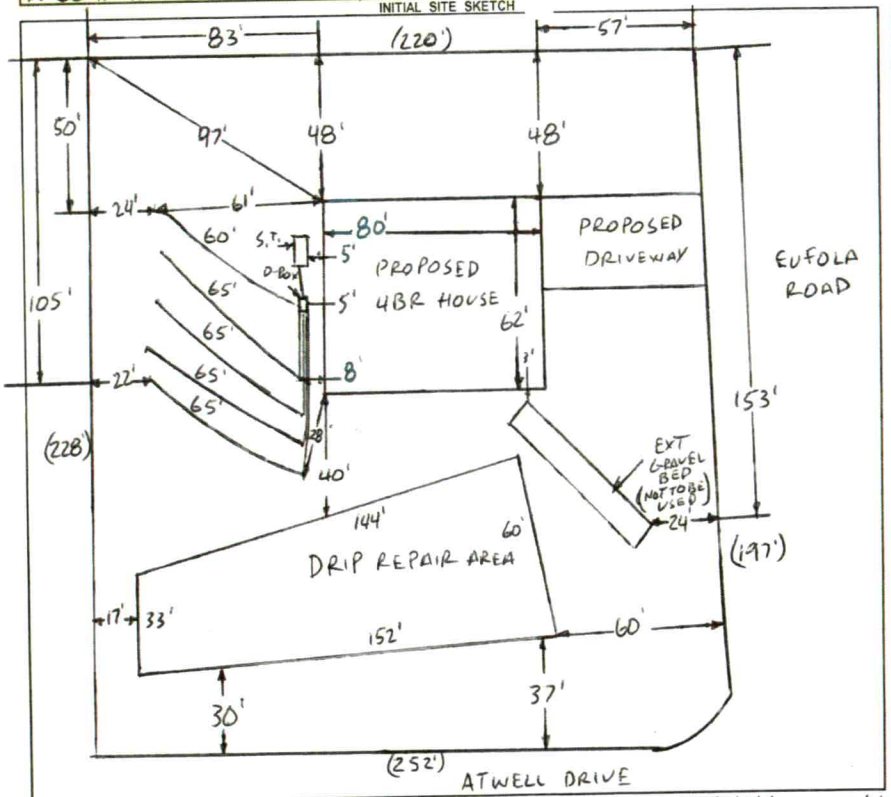
Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE D-BOX TO ACHIEVE EQUAL DISTRIBUTION, DO NOT EXCEED A 60 IN MAX TRENCH DEPTH, DO NOT SHALLOW UP

SYSTEM MUST BE VENTED PER MANUFACTURERS SPECIFICATIONS

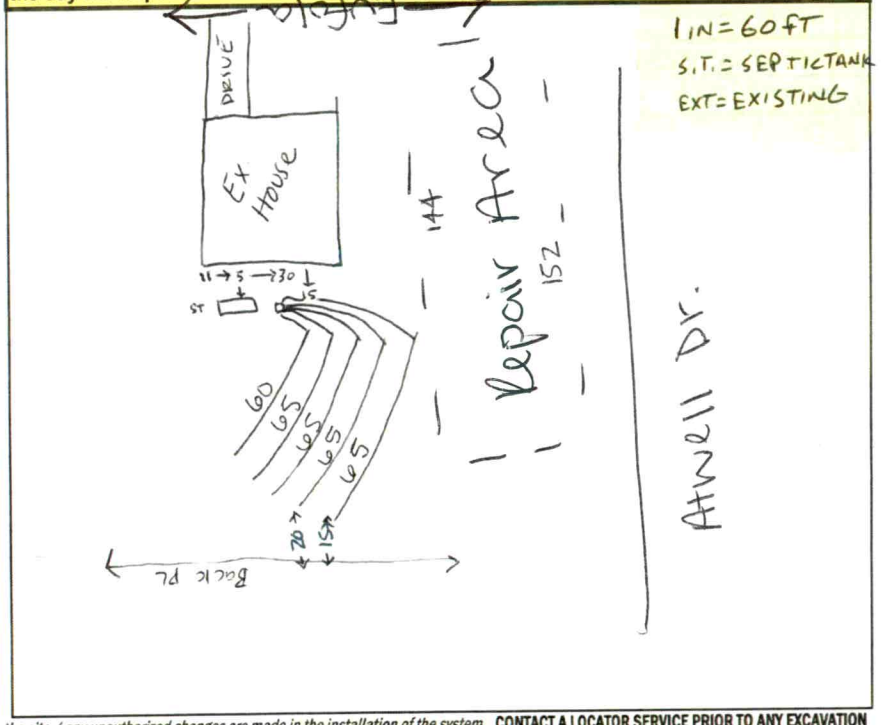
SYSTEM MUST BE 50FT FROM ALL WELLS

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.



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: ONLINE SIGNATURE Date: – Installed by: Kevin Kirkpatrick

IMPROVEMENT PERMIT by: Bryant C. White Date: 9-28-2023 OPERATION PERMIT by: Sydney Holland Date: 12/14/23

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 9-29-2023 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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

Sheet 1 of 1
PROPERTY ID #: 4712-43-3204
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: ALLEN JOHNSTON
ADDRESS: 192 CRESTVIEW ACRES ROAD, STATESVILLE, N.C. 28677
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 1197 EUFOLA ROAD, STATESVILLE, N.C. 28677
APPLICATION DATE: 8-21-2023
DATE EVALUATED: 9-14-2023
PROPERTY SIZE: 1.191 AC
PROPERTY RECORDED: YES
WATER SUPPLY: Private ✓Public Well Spring Other
EVALUATION METHOD: Auger Boring ✓Pit Cut
TYPE OF WASTEWATER: ✓Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LINEAR SIDE 7%	0-9	SCL, SBK	FR, SS, SP, SEXP	2.5Y 6/2 @ 20", 32", 49" Y/B MOTS THRU OUT	60"+	NA	NA	PS .1 DRIP
		9-50	C, ST ABK	FI, S, P, SEXP					
		50-60	CL ABK	FI, SS, P, SEXP					
2	LINEAR SIDE 5%	0-4	SCL, SBK	FR, SS, SP, SEXP	SAP INC 30"+ Y/B MOTS 6"-24"	[redacted]"+ 75"	PS II SL	NA	PS .275 [redacted]
		4-37	C, ABK	FI, S, P, SEXP					
		37-[redacted]"	SCL, WABK	FR, SS, P, SEXP					
		75-78"	SAP, MAS	FR, NS, NP, SEXP					
3	LINEAR SIDE 6%	0-6	SCL, SBK	FR, SS, SP, SEXP	SAP INC 42"+ Y/B MOTS 8"-34" 2.5Y 6/2 @ 19", 30"	72"+ [redacted]	NA	NA	PS .25 BELOW 30"
		6-36	C, ST ABK	FI, S, P, SEXP					
		36-[redacted]	CL, WABK	FI, SS, P, SEXP					
		72"							
4	LINEAR SIDE 4%	0-12	SCL, SBK	FR, SS, SP, SEXP	SAP INC 52"+ Y/B MOTS THRU OUT 2.5Y 6/2 @ 24", 49"	55"+	NA	NA	PS .2 ABOVE 24"
		12-55	C ST ABK	FI, S, P, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	HPPBPS	DRIP
Site LTAR	0.25	0.1

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Burnett Cubbage
OTHER(S) PRESENT:

COMMENTS:

Updated February 2014

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

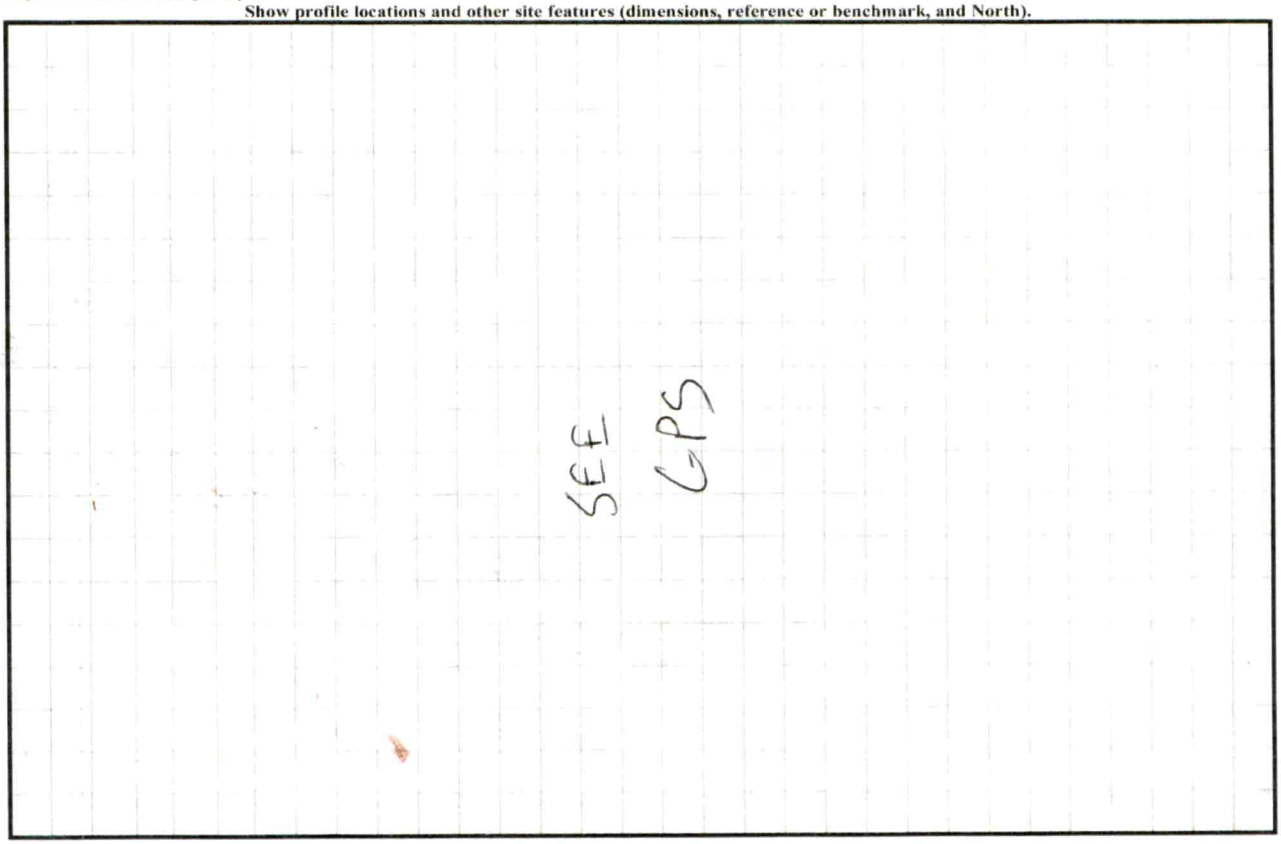
NOTES

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)
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), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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




200
40
200
4712-43-0405
PB 49-124
175
4712-43-3435
3
116
147
4712-43-5456
120
4
228
225
Atwell Dr
Pit4
Pit3
Pit2
66
65
62
58
2
1
4712-43-5234
4712-43-0302
255
252
4712-43-3214
1197
220
1203
Pit1
47
227
197
Eufola Rd
PB 73-2
231
298
1198
4712-43-605
247
219
4712-42-1975
218
219
4712-42-4917
1 in = 60 ft

PERMIT SNAPSHOT REPORT OSWP-2023-34587 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: White, Bryant
App Date: 08/21/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: New single family home 8/23 Allen stated lot cleared, HB and corners will be marked this weekend. GM Site ready GM

Parcel	Address	Zone
4712433214.000 Main	1197 Eufola Rd Statesville, NC 28677 Main	RA(Residential Agricultural District)

Property Owner
Allen Johnston
Home: (704) 326-6736
Mobile: (704) 326-6736

Applicant/Authorized Agent
Johnston Builders LLC
Allen Johnston
192 Crestview Acres Rd
Statesville, NC 28677
Business: (704) 326-6736
Mobile: (704) 326-6736

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	72x51
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	5	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
Has this project been approved by TRC	No	Lot Acreage	1.191	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	25
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	WSIV PA CATAWBA/LAKE NORMAN		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Allen_Johnston_8/21/2023.jpg	08/21/2023 16:34	Johnston, Allen		Uploaded via CSS
AuthorizationForm Septic_v1.pdf	08/21/2023 16:39	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
Septic Drawing_v2_v1.pdf	08/22/2023 14:07	Sloan, Chrystal	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-132839	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	08/28/2023	08/28/2023 0:00	08/28/2023 0:00	08/28/2023 16:32	08/28/2023 16:32

Inspectors: McLeod, Grace (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

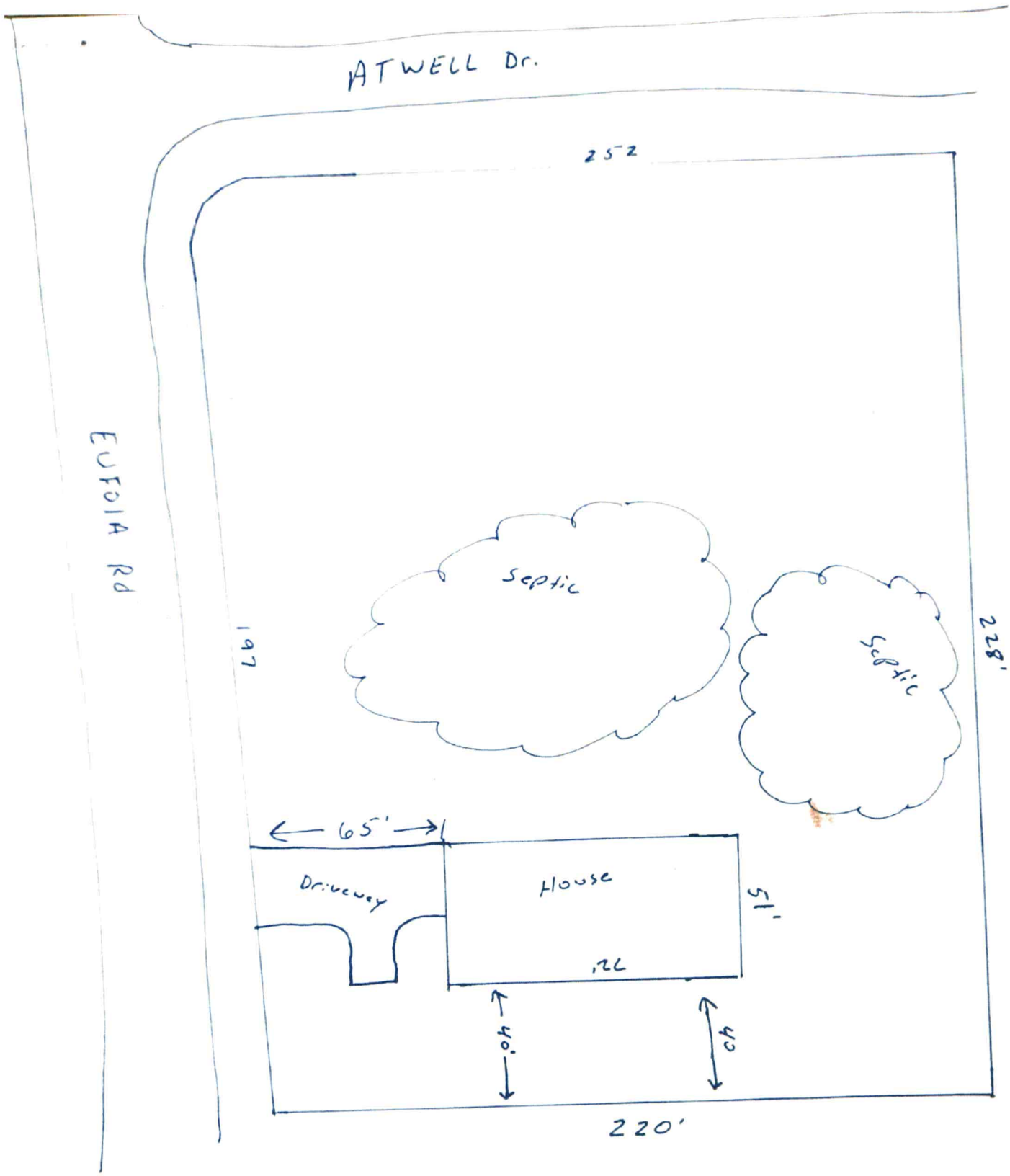
Note	Created By	Date and Time Created
1. 8/23 Allen stated lot cleared, HB and corners will be marked this weekend. GM	Grace McLeod	08/23/2023 15:44

PERMIT SNAPSHOT REPORT (OSWP-2023-34587)

2. Site Ready GM	Grace McLeod	08/28/2023 16:33	

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00019643	Iredell Zoning Permit Fee		$75.00	$75.00
	Iredell Zoning Tech Fee		$2.25	$2.25
	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00019643	$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		08/21/2023 16:39	08/21/2023 16:39
Confirm application complete v.1	Generic Action		08/21/2023 16:39
Fees v.1		08/22/2023 16:00	08/23/2023 7:59
Fees Paid v.1	Generic Action		08/23/2023 7:59
Issue Invoice v.1	Generic Action		08/22/2023 16:00
Lot Readiness Verification v.1		08/28/2023 16:32	
OSWP Septic Preliminary Site Visit v.1	Inspection	08/28/2023 16:32	08/28/2023 16:33
[illegible]	Inspection		
Zoning Review v.1		08/22/2023 15:17	08/23/2023 11:28
~~Floodplain Admin Overview v.1~~	Task		08/22/2023 15:17
Iredell County Zoning Approval v.1	Task	08/22/2023 15:17	08/23/2023 11:28
Issue Invoice v.1	Generic Action		08/22/2023 15:18
Fees Paid v.1	Generic Action		08/23/2023 7:59
[illegible]	Generic Action		
[illegible]	Generic Action		
[illegible]	Generic Action		
[illegible]	Create Sub Permit		
[illegible]	Generic Action		


ATWELL Dr.
252
EUFOLA Rd
197
228'
Septic
Septic
65'
Driveway
House
51'
72
40'
40'
220'