MANF-2024-50925

HD - ENVIRONMENTAL HEALTH DIVISION

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

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

PERMIT # DSWR 2023-37252

PIN # 4891 -- 64 -- 0102

CANT/OWNER: Jordan Albea

APPLICANT ADDRESS: 194 Rock Springs Rd Harmony NC 28634

ADDRESS: 194 Rock Springs Rd Harmony NC 28634

PHONE: 336 965 5800 ALT. PHONE —

DIRECTIONS: I 40E → (L) US 64E → (L) NC 901N → (R) Dyson Rd → (L) Sheffield Rd → (L) Rock Springs

SAP CONTROLLED: ☐ YES ☒ NO

IVISION: —

SECTION: — LOT # — LOT AREA: 0.68AC DESIGN FLOW: 360 L.T.A.R.: 0.25

Tank	1000 (gal)	STB	160	Date	2-19-24	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Tank	— (gal)	PT	—	Date	—	System Description:	Gravity 2570		
Make	—	Model	—	Serial #	—	Repair System Description:	VPPBPS		
ification Fields	1	# Lines	6	Linear Ft	360'	Maintenance Agreement Required:	☐ YES	☒ NO	
Width	36in	Trench Bottom Depth(Low side)	18"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE		

☒ Residence — No. Bedrooms: 3
☐ Business — No. Persons: 6
☐ Other — No. Employees: —
☐ Slab — ☒ Crawl Space
☐ Basement w/plumbing — ☐ Basement w/o plumbing

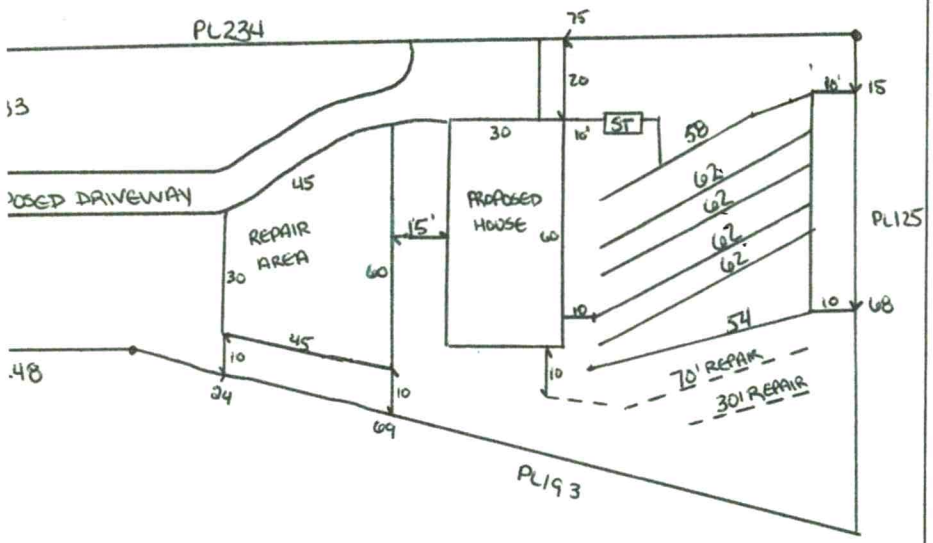
Water Supply
☐ Private
☒ Public
☐ Community

ients / Conditions: Do not grade, pave, park, drive over septic area. p 10' from back of house & 5' from any porches. Installer our Utilizing serial distribution. Do not exceed 21" max depth

* Bring out plumbing as shallow as possible to achieve gravity *

INITIAL SITE SKETCH

SCALE 1" = 50'



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 Shown

n 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**

ROVEMENT 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.*

Applicant Signature: ONLINE Date: — Installed by: Kevin Bowles

EMENT PERMIT by: Sarah Williams Date: 10/16/2023 OPERATION PERMIT by: Sydney Holland Date: 5-13-24

IZATION TO CONSTRUCT by: Sarah Williams Date: 4/15/2024 Existing System Inspected by: Date:

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # DSWE 2023-37252

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

PIN # 4891 -- 64 -- 0102

APPLICANT/OWNER: Jordan Albea APPLICANT ADDRESS: 294 Rock Springs Rd Harmony NC 28634

SITE ADDRESS: 294 Rock Springs Rd Harmony NC 28634 PHONE: 336 965 5800 ALT. PHONE —

SITE DIRECTIONS: I 40E → (L) US 64E → (L) NC 901N → (R) Dyson Rd → (R) Sheffield Rd → (L) Rock Springs

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — SECTION: — LOT #: — LOT AREA: 0.68AC DESIGN FLOW: 360 L.T.A.R.: 0.25

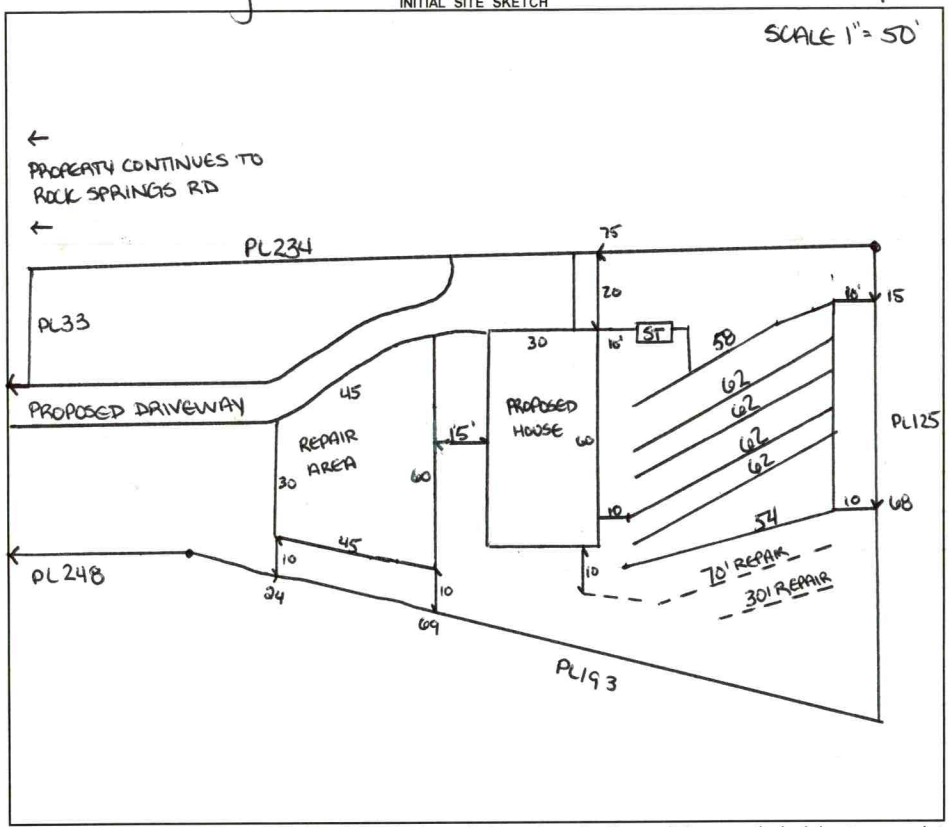
Septic Tank	1000	(gal)	STB		Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	Gravity 25%			
Pump Make	—	Model		—	Serial #	—	Repair System Description:	VPPBPS			
# Nitrification Fields	1	# Lines	6		Linear Ft	360'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36in	Trench Bottom Depth(Low side)		18"	Gravel Depth	—		☒ GRAVITY	☐ PRESSURE		

☒ Residence	No. Bedrooms	3	Water Supply
☐ Business	No. Persons	6	☐ Private
☐ Other	No. Employees	—	☒ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Do not grade, pave, park, drive over septic area. Keep 10' from back of house & 5' from any porches. Installon contour utilizing serial distribution. Do not exceed 21" max depth

* Bring out plumbing as shallow as possible to achieve gravity *

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 Date: — Installed by:

IMPROVEMENT PERMIT by: Sarah Williams Date: 10/16/2023 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 4/15/2024 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? _____	

4891-64-0102

Sheet 1 of 1

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

PROPERTY ID #:
COUNTY: IREDELL

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

OWNER: Jordan Albea — APPLICATION DATE 9/21/23
ADDRESS: 294 Rock Springs Rd Harmony NC 28634 — DATE EVALUATED: 10/9/23
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 360 — PROPERTY SIZE: 0.68 AC
LOCATION OF SITE: 294 Rock Springs Rd Harmony NC 28634 — PROPERTY RECORDED: Y
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 5-6%	0-4	SCL COMPACT	SS SP SE FR	10YR 6/6 @ 39"+ 10YR 6/4 @ 33"+ 10YR 6/2 @ 33"+	(52)		—	PS 0.25
		4-11	SCL SBK	SS SP SE FR					
		11-37	C SABK	S P SE FR					
		37-52	CL ABK	S P SE FR	YB in C+CL REDOX 33"+				
					few SAP / few mica in CL				
2	LS 5-6%	0-10	CL PLOW	SS SP SE FR	YB 10"-32" common 10YR 6/8 6/6 6/4 10"-32"	(56)		—	PS 0.25
		10-32	C SABK	S P SE FR					
		32-56	CL ABK	SS SP SE FR					
					SAP ~~heavy~~ C SABK	common 32"-56" + mica w/ PL tendencies			
3	LS 6-8%	0-12	CL PLOW	SS SP SE FR	few YB 10YR 6/8 6/6 in C 12"-27"	(60)		—	PS 0.275
		12-27	C ~~A~~BK	S P SE FR					
		27-60	CL WABK	SS SP SE FR					
					Heavy SAP 27"+				
4	LS 5-6%	0-12	SCL PLOW	SS SP SE FR	10YR 7/4 @ 24" 5YR 7/6 @ 20"	(64)		—	PS ~~0.25~~ 0.25
		12-26	C ABK	S P SE FR	YB+YR 12"-26"				
		26-64	CL ABK	SS SP SE FR					
					heavy SAP 26"+				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360'	240'
System Type(s)	G 25%	PM 50% (LP)
Site LTAR	0.25	0.25

OTHER FACTORS (.1946): PS 0.25
SITE CLASSIFICATION (.1948):

EVALUATED BY: S. Williams.
OTHER(S) PRESENT:

COMMENTS:

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.

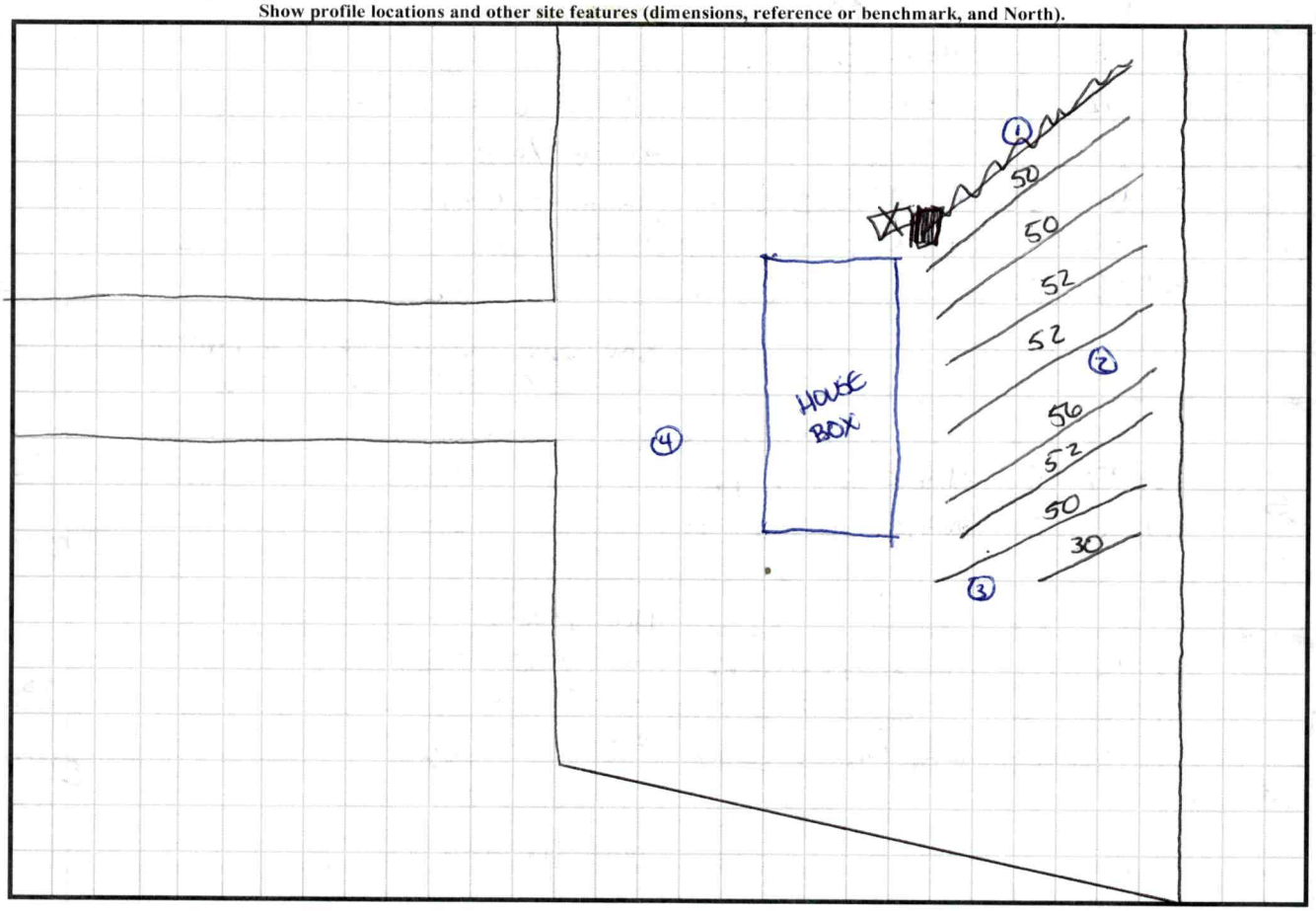
NOTES

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/ft²

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



PERMIT SNAPSHOT REPORT OSWP-2023-37252 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: Bracken, Sarah
App Date: 09/21/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: IP/AC 9/28 Called Jordan left VM. Sent email to email address on file. Jordan called stated he needs to mow grass so flags for HB can be seen He will call when site ready. GM 9/29 Jordan called site ready, site visit site ready GM

Parcel:	**Address:**	**Zone:**
4891640102.000 Main	294 Rock Springs Rd Main Harmony, NC 28634	RA(Residential Agricultural District)

Property Owner
Annette & Jesse Stroud
Home: (704) 929-9968
Mobile: (704) 929-9968

Applicant/Authorized Agent
Jordan Albea
294 Rock Springs Rd
Harmony, NC 28634
Mobile: (336) 965-5800

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	New 28x56 Doublewide
What are the proposed structures	Manufactured Home	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	5	Foundation Type	Crawl Space Foundation	Water Supply	Other Public Water
Desired Septic System Type	Conventional (most common)	Lot Acreage	0.68	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Sep 26 2023 12:00AM	Zoning Permit Expiration Date	Mar 24 2024 12:00AM	Is the structure or development in the floodplain	No
Is the property in a local historic district?	No	Is the property located downtown?	No	Zoning Notes/Addendums	REQUIREMENTS FOR ALL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before

PERMIT SNAPSHOT REPORT (OSWP-2023-37252)

	Certificate of Occupancy can be approved.	Additional Unique Setbacks Apply	No	Watershed	WSIII BOW HUNTING CREEK

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jordan_Albea_9/21/2023.jpg	09/21/2023 16:22	Albea, Jordan		Uploaded via CSS
Doc to auth_v1.pdf	09/22/2023 8:35	Nebel, Barbara	Available Online	Authorize to Act as Agent
image0_v1.jpeg	09/22/2023 14:17	Bailey, Julia	Initial Site Sketch	Initial Site Sketch

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-145962	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	09/29/2023	09/29/2023 0:00	09/29/2023 0:00	09/29/2023 17:14	09/29/2023 17:14

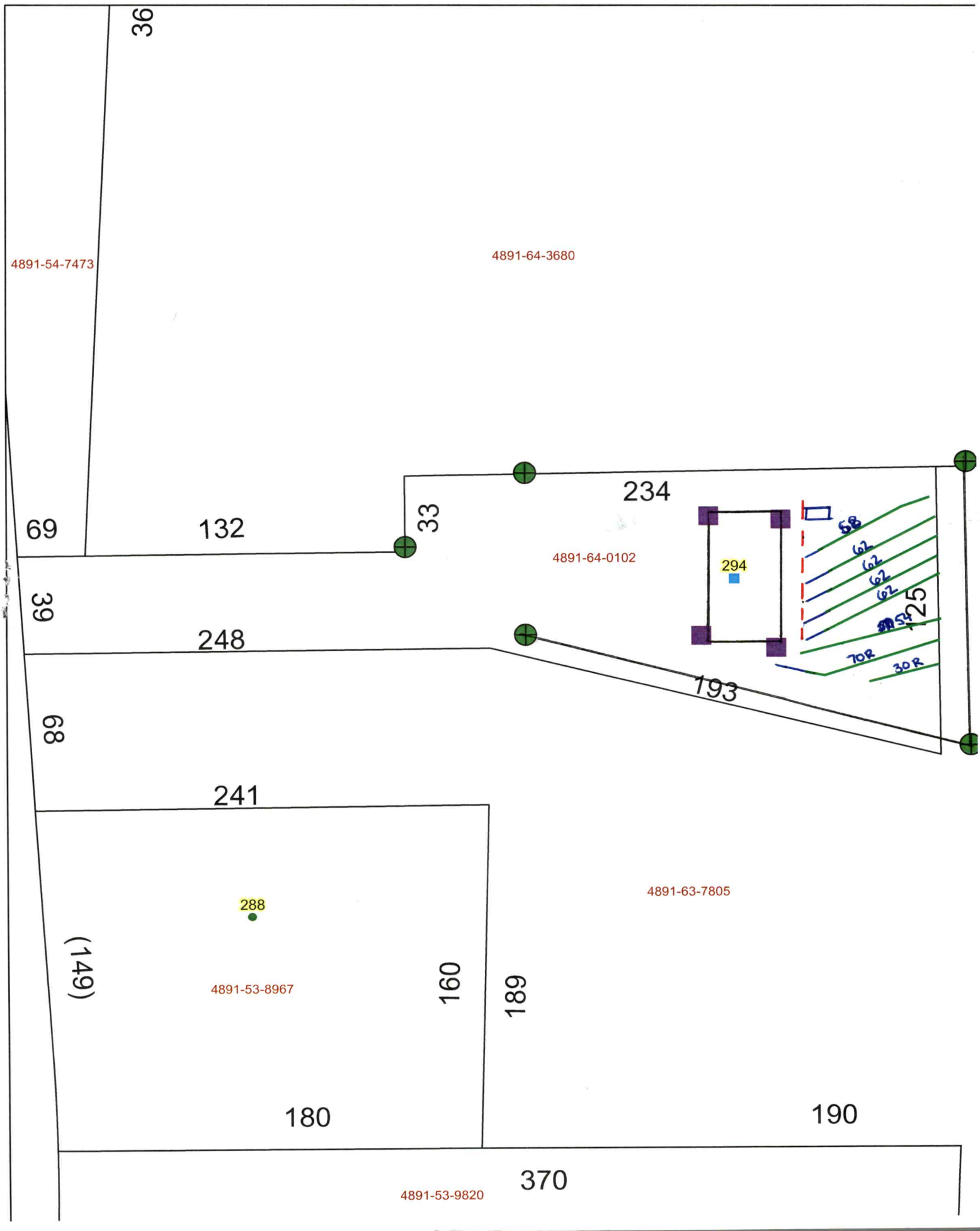
Inspectors: McLeod, Grace (Primary)

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. 9/28 Called Jordan left VM. Sent email to email address on file. Jordan called stated he needs to mow grass so flags for HB can be seen He will call when site ready. ******Jordan stated there is a road beside property we can use. The road is across the street from mailbox with number 287.GM	Grace McLeod	09/28/2023 8:51
2. 9/29 Jordan called site ready. Site visit, site ready GM	Grace McLeod	09/29/2023 17:13

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00021120	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00021120	$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		09/22/2023 8:37	09/22/2023 8:37
Confirm application complete v.1	Generic Action		09/22/2023 8:37
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
OSWP Drain Lines Checked v.1	Inspection		
OSWP Electrical Checked v.1	Inspection		
OSWP Floats Checked v.1	Inspection		
OSWP Maintenance Contract v.1	Inspection		
OSWP Pressure Head Checked v.1	Inspection		
OSWP Pressure Manifold Checked v.1	Inspection		
OSWP Tanks Checked v.1	Inspection		
Fees v.1		09/27/2023 8:38	09/27/2023 8:38
Issue Invoice v.1	Generic Action		09/27/2023 8:38
Fees Paid v.1	Generic Action		09/27/2023 8:38
Lot Readiness Verification v.1		09/29/2023 17:14	
OSWP Septic Preliminary Site Visit v.1	Inspection	09/29/2023 17:14	09/29/2023 17:14
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		09/22/2023 14:19	09/27/2023 8:21
~~Floodplain Admin Overview v.1~~	Task		09/22/2023 14:19
Iredell County Zoning Approval v.1	Task	09/27/2023 8:21	09/27/2023 8:21


36
4891-54-7473
4891-64-3680
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4891-64-0102
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68
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(149)
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370
4891-53-9820