SB BLDR-2023-33061

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-30337

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

PIN # 4844 -- 11 -- 1363

APPLICANT/OWNER: Derek Osborne Builders, Inc APPLICANT ADDRESS: 122 Victory Ln, Statesville

SITE ADDRESS: 172 Butch Branch Rd, Union Grove 28689 PHONE: 704-902-3084 ALT. PHONE –

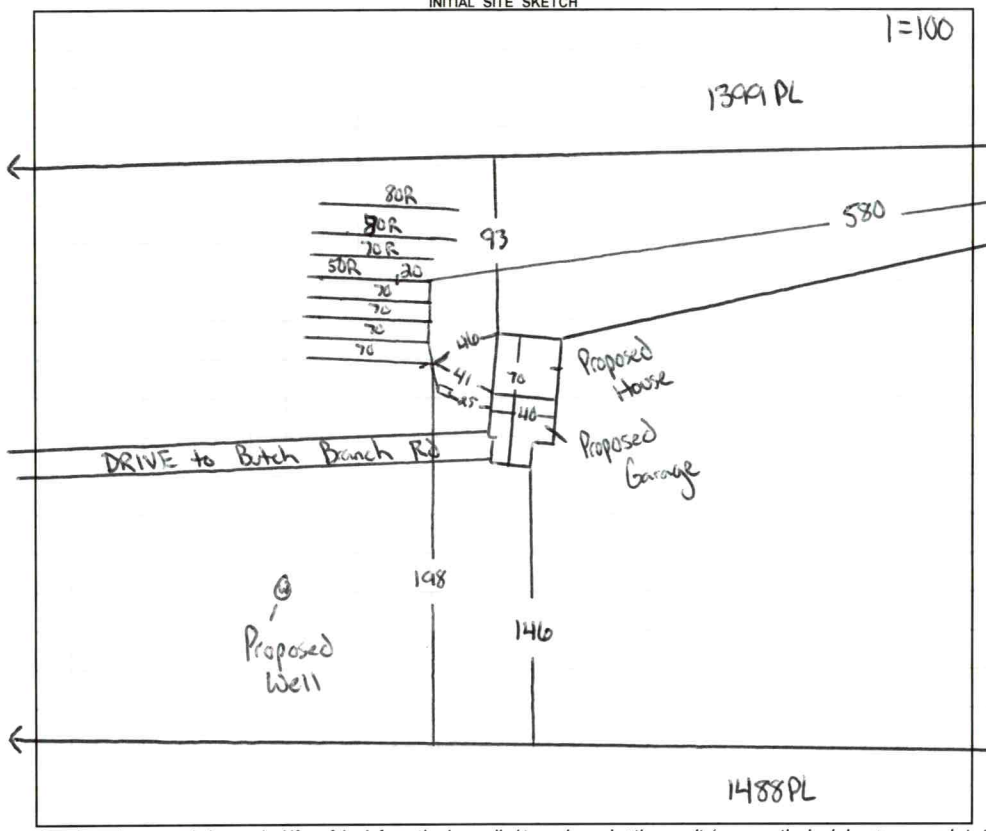
SITE DIRECTIONS: 901 - Warren Bridge - Butch Branch SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: – SECTION: – LOT # – LOT AREA: 10 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 854	Date NO DATE	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank		(gal)	PT	Date	System Description:	25% reduction			☐ Business	No. Persons	6	☒ Private
Pump Make		Model		Serial #	Repair System Description:	25% reduction			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	5	Linear Ft 300'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36 in	Trench Bottom Depth ~~(Highside)~~		36" max	Gravel Depth –	☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing

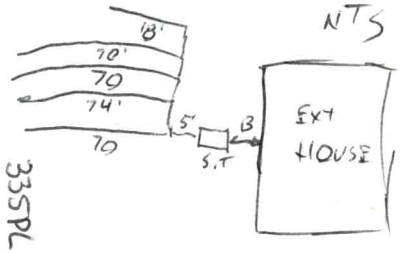
Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area.

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.



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: KELLY MELBORN

IMPROVEMENT PERMIT by: Cary Whit Date: 7/26/23 OPERATION PERMIT by: Bryant C. White Date: 3-19-2024

AUTHORIZATION TO CONSTRUCT by: Cary Whit Date: 7/26/23 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 #: 4844111363
COUNTY: Iredell

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

OWNER: Derek Osborne Builders, Inc
ADDRESS: 122 Victory Ln
APPLICATION DATE 7/10/23
DATE EVALUATED: 7/25/23
PROPOSED FACILITY: 3 bd/r home
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 10 acres
LOCATION OF SITE: 172 Butch Branch
PROPERTY RECORDED: yes
WATER SUPPLY: Private Public X Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut
TYPE OF WASTEWATER: X 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 8%	0 - 15	SCL SBK	SS SP FR SE	–	48	–	–	.3 PS
		15 - 31	C SBK	SS SP FR SE					
		31 - 48	CL SBK	SS SP FR SE					
2	Linear 10%	0 - 27	C SBK	SS SP FR SE	–	50	–	–	.3 PS
		27 - 50	CL SBK	SS SP FR SE					
3	Linear 9%	0 - 12	SCL SBK	SS SP FR SE	–	64	Common SAP inc in CL layer		.3 PS
		12 - 42	C SBK	SS SP FR SE					
		42 - 64	CL SBK	SS SP FR SE					
4	Linear 10%	0 - 26	C SBK	SS SP FR SE	–	57	Common SAP inc in CL layer		.3 PS
		26 - 57	CL SBK	SS SP FR SE					
				SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Bradley Moore

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.

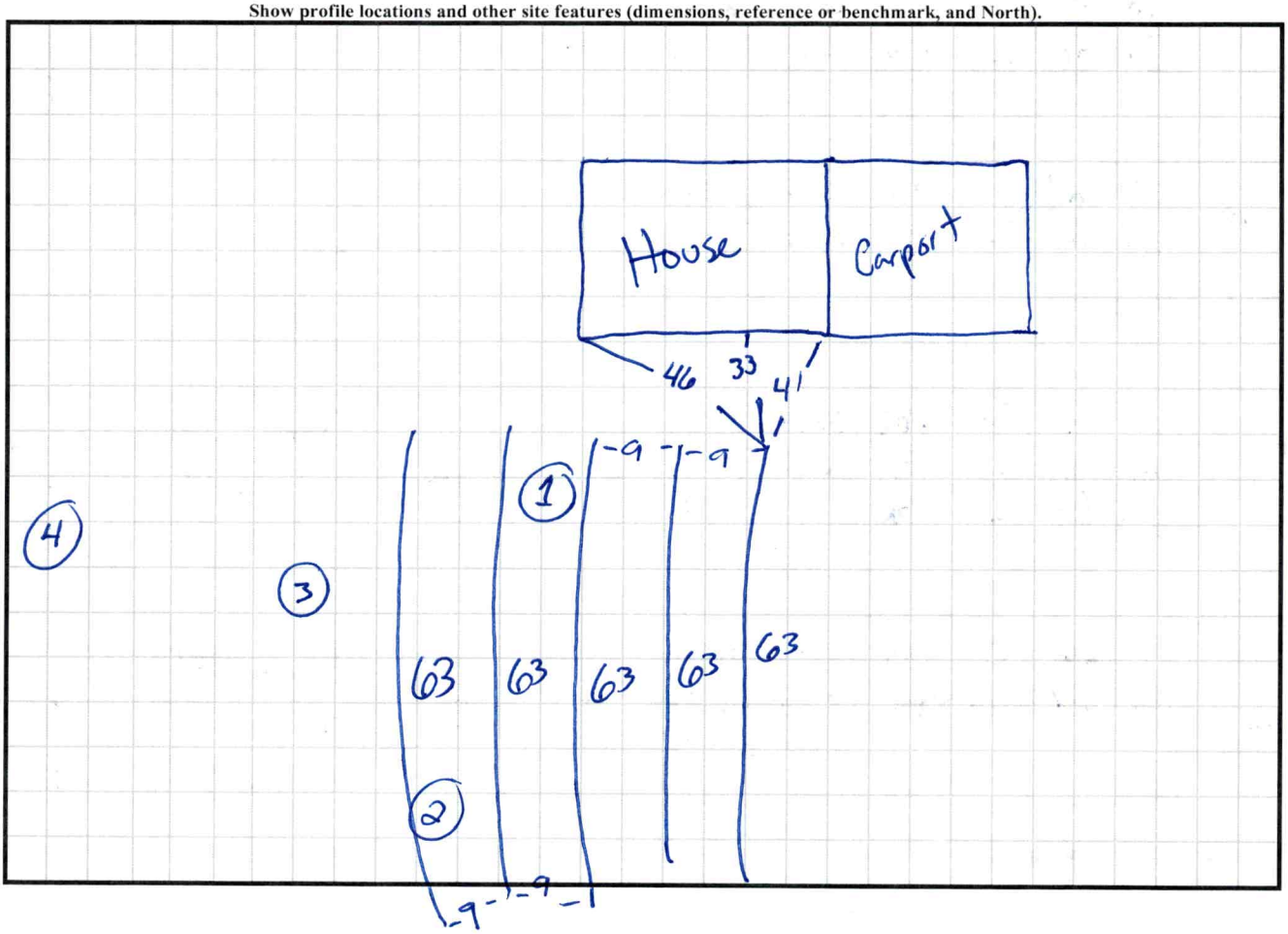
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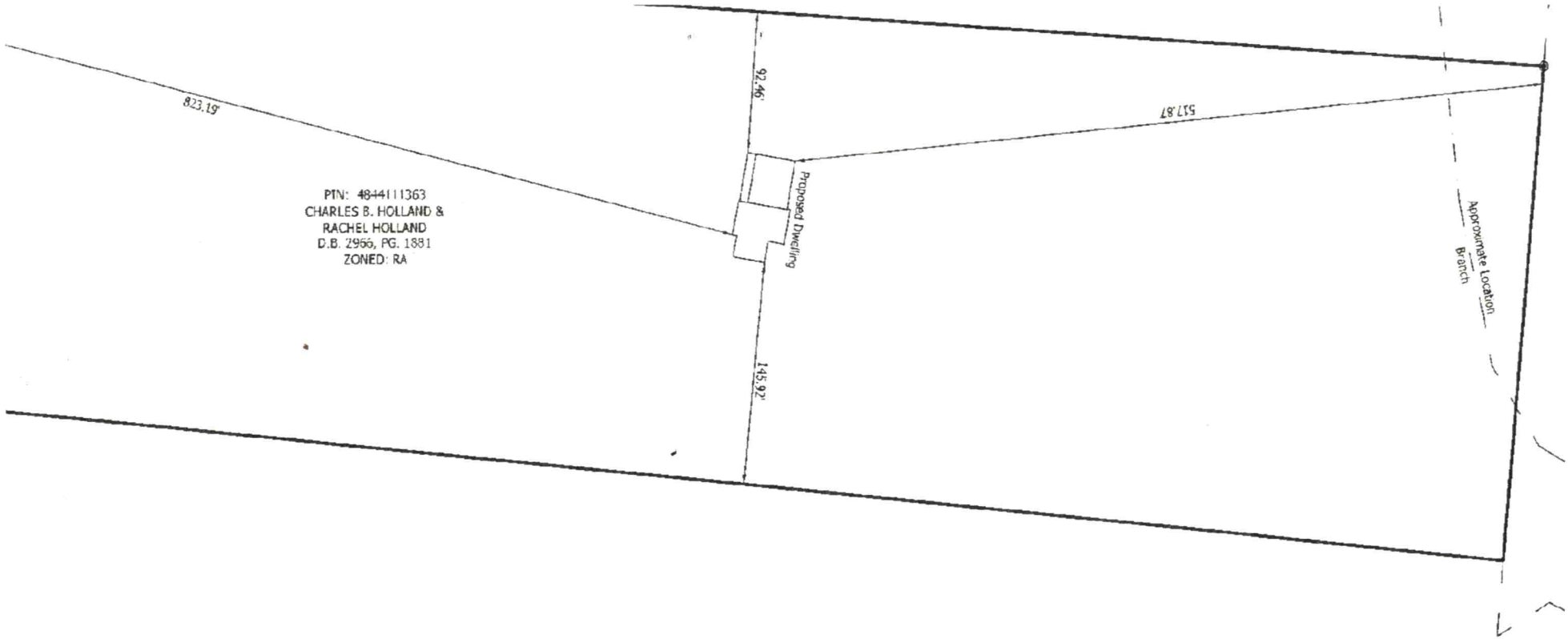
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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).





Preliminary - Not For Construction
02-17-23

PERMIT SNAPSHOT REPORT OSWP-2023-30337 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: Whicker, Cory
App Date: 07/10/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: New Construction Home- Owner to clear path for when inspector comes out to easy access for housebox. Lot opens once you get insisde-SH

Parcel:	4844111363.000	Main	**Address:**	172 Butch Branch Rd Union Grove, NC 28689	Main	**Zone:**	RA(Residential Agricultural District)

Property Owner
Charles Holland
Home: (704) 902-3084
Business: (704) 871-8787
Mobile: (704) 902-3084

Applicant/Authorized Agent
Derek Osborne Builders, Inc.
122 Victory Ln
Statesville, NC 28625
Home: (704) 902-3084

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	Yes
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	40x50
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Number of Employees	0	Water Supply	New Well
Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No	Lot Acreage	10
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	WSIII BOW HUNTING CREEK

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Derek_Osborne_7/10/2023.jpg	07/10/2023 13:13	Osborne, Derek		Uploaded via CSS
Holland House Plan_v1 (1).pdf	07/10/2023 13:15	Williams, Deborah	Available Online	Floor Plan(s)
Authorization HOlland_v1.pdf	07/10/2023 13:15	Williams, Deborah	Available Online	Authorize to Act as Agent
Holland Site plan_v1.pdf	07/10/2023 13:15	Williams, Deborah	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-115370	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	07/18/2023	07/18/2023 0:00	07/18/2023 0:00	07/18/2023 10:03	07/18/2023 10:03

Inspectors: Holland, Sydney (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. Left message for Derek 7/17/23	Sydney Holland	07/17/2023 7:44

Invoice No.	Fee	Fee Amount	Amount Paid

PERMIT SNAPSHOT REPORT (OSWP-2023-30337)

INV-00017251	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-00017251	$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		07/10/2023 13:14	07/10/2023 13:15
Confirm application complete v.1	Generic Action		07/10/2023 13:15
Fees v.1		07/14/2023 12:03	07/14/2023 12:03
Issue Invoice v.1	Generic Action		07/14/2023 12:03
Fees Paid v.1	Generic Action		07/14/2023 12:03
Zoning Review v.1		07/10/2023 13:17	07/14/2023 12:06
~~Floodplain Admin Overview v.1~~	Task		07/10/2023 13:17
Iredell County Zoning Approval v.1	Task	07/10/2023 13:17	07/14/2023 12:06
Issue Invoice v.1	Generic Action		07/14/2023 12:06
Fees Paid v.1	Generic Action		07/14/2023 12:06
Lot Readiness Verification v.1		07/18/2023 10:03	
OSWP Septic Preliminary Site Visit v.1	Inspection	07/18/2023 10:03	07/18/2023 10:04
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		