BB. BLDR 2023-18809

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # ✓OSWP-2023-13208

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

PIN # 4723 -- 12 -- 1851 ✓

APPLICANT/OWNER: BRIAN LINDSEY APPLICANT ADDRESS: 173 SPRING MEADOWS LANE, STATESVILLE, N.C. 28677

SITE ADDRESS: ✓112 LINDSEY RIDGE LANE, STATESVILLE, N.C. 28677 PHONE: 704-640-9373 ALT. PHONE –

SITE DIRECTIONS: (W) ON 40, (L) ON OLD MOUNTAIN, (L) ON SPRING MEADOW, (L) ON LINDSEY RIDGE, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

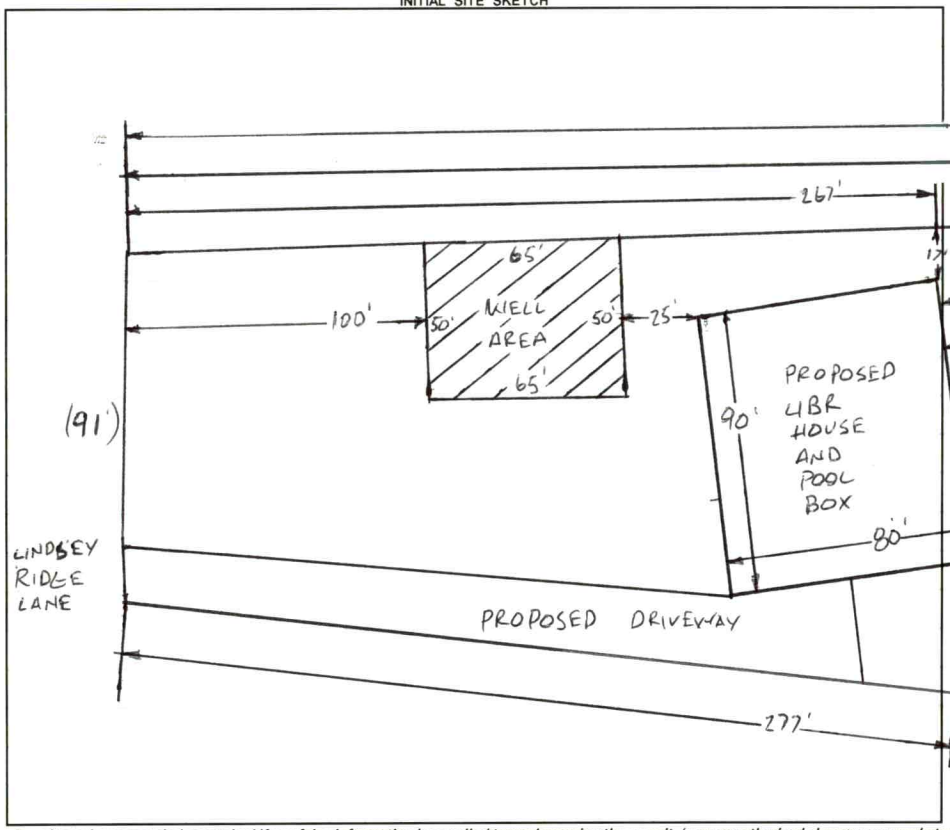
SUBDIVISION: – ✓ SECTION: – LOT # – ✓ LOT AREA: 2.023 AC DESIGN FLOW: 480 GPD L.T.A.R.: 0.275

Septic Tank	1000	(gal)	STB	760	Date	–	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	4	Water Supply
Pump Tank	–	(gal)	PT	–	Date	–	System Description: 50% REDUCTION - VERTICAL PPBPS				☐ Business	No. Persons	8	☑ Private
Pump Make	–	Model	–	Serial #	–	Repair System Description: 50% REDUCTION					☐ Other	No. Employees	–	☐ Public
# Nitrification Fields	1	# Lines	5	Linear Ft	295FT	Maintenance Agreement Required: ☐ YES ☑ NO					☐ Slab	☑ Crawl Space		☐ Community
Trench Width	24 IN	Trench Bottom Depth(Low side)		34 IN	Gravel Depth	–	☑ GRAVITY ☐ PRESSURE				☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8FT CENTERS, UTILIZE EQUAL DISTRIBUTION VIA D-BOX, DO NOT EXCEED 44IN TRENCH DEPTH DO NOT SHALLOW UP.

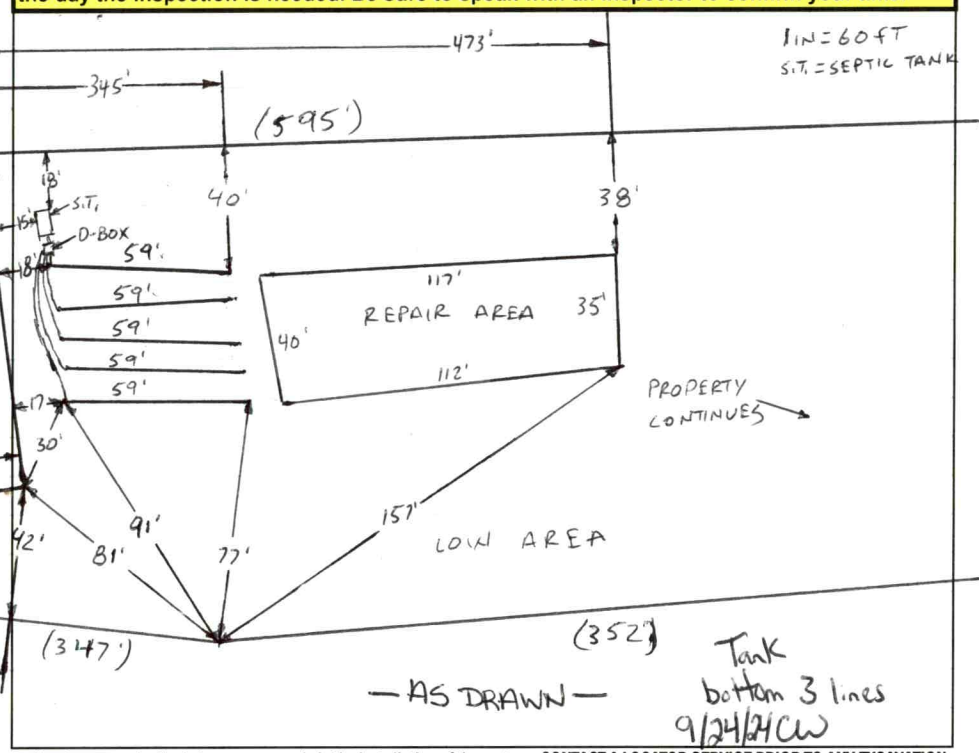
PLUMBING DEPTH WILL REQUIRE SPECIAL CONSIDERATION IF GRAVITY FALL CANNOT BE MAINTAINED A REDRAW FOR A PUMP WILL BE REQUIRED

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: Date: Installed by: Davids tractor works ✓

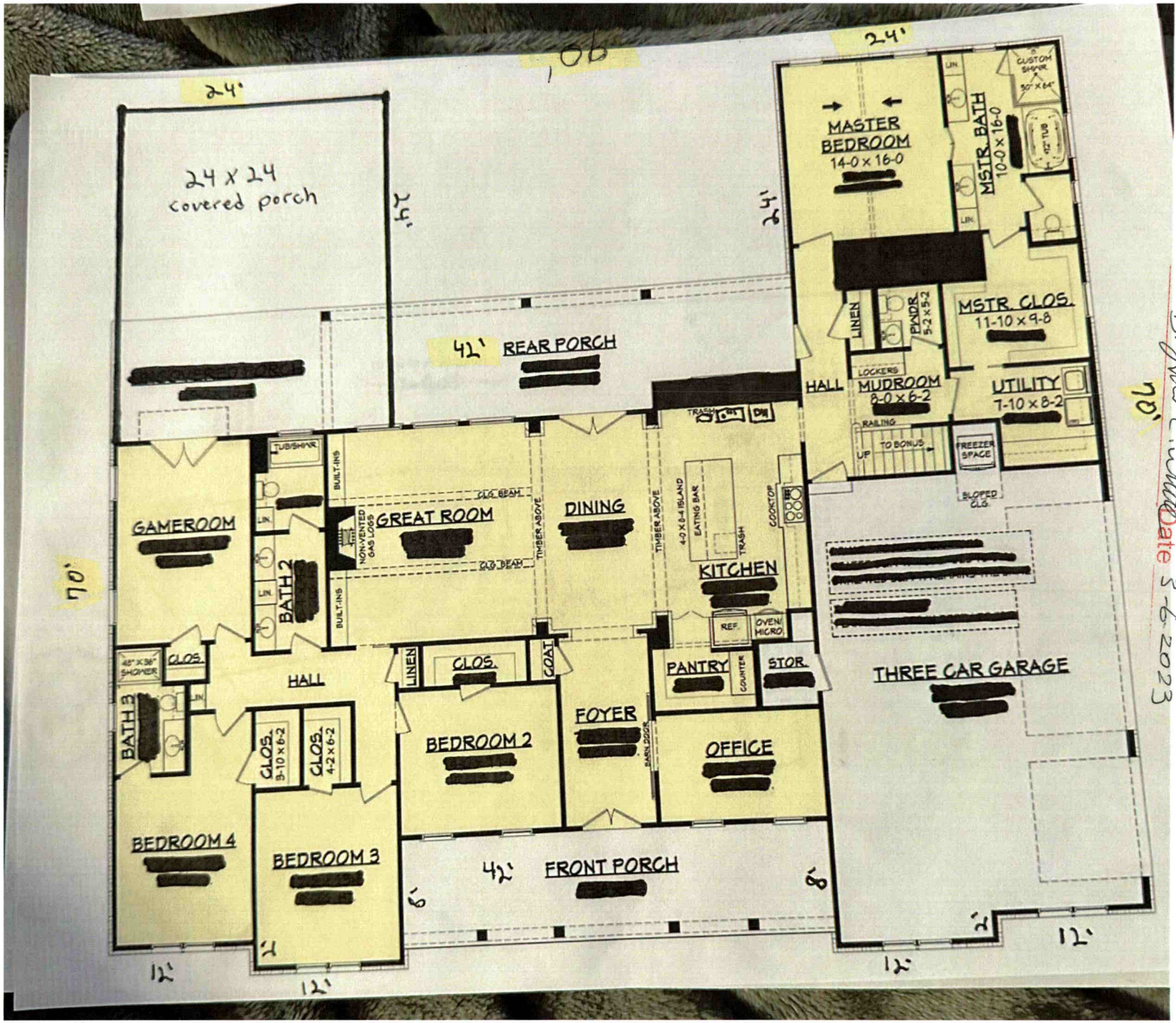
IMPROVEMENT PERMIT by: Burt C. White ✓ Date: 3-6-2023 OPERATION PERMIT by: Sarah Williams ✓ Date: 10/8/24

AUTHORIZATION TO CONSTRUCT by: Burt C. White ✓ Date: 3-6-2023 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? _____	



Acknowledgement Of
Plans Submittal ONLY!
65
Date —
Buyer's Initials Date 3-6-2023

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

PROPERTY ID #: 4723-12-1851
COUNTY: IREDELL

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

OWNER: BRIAN LINDSEY
APPLICATION DATE 1-9-2023
ADDRESS: 173 SPRING MEADOWS LANE, STATESVILLE, N.C 28677
DATE EVALUATED: 2-9-2023
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: ±2.023 AC
LOCATION OF SITE: 112 LINDSEY RIDGE LANE, STATESVILLE, N.C. 28677
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									
2				SEE	PAGE 2				
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	50%	50%
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bryant C. White
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.

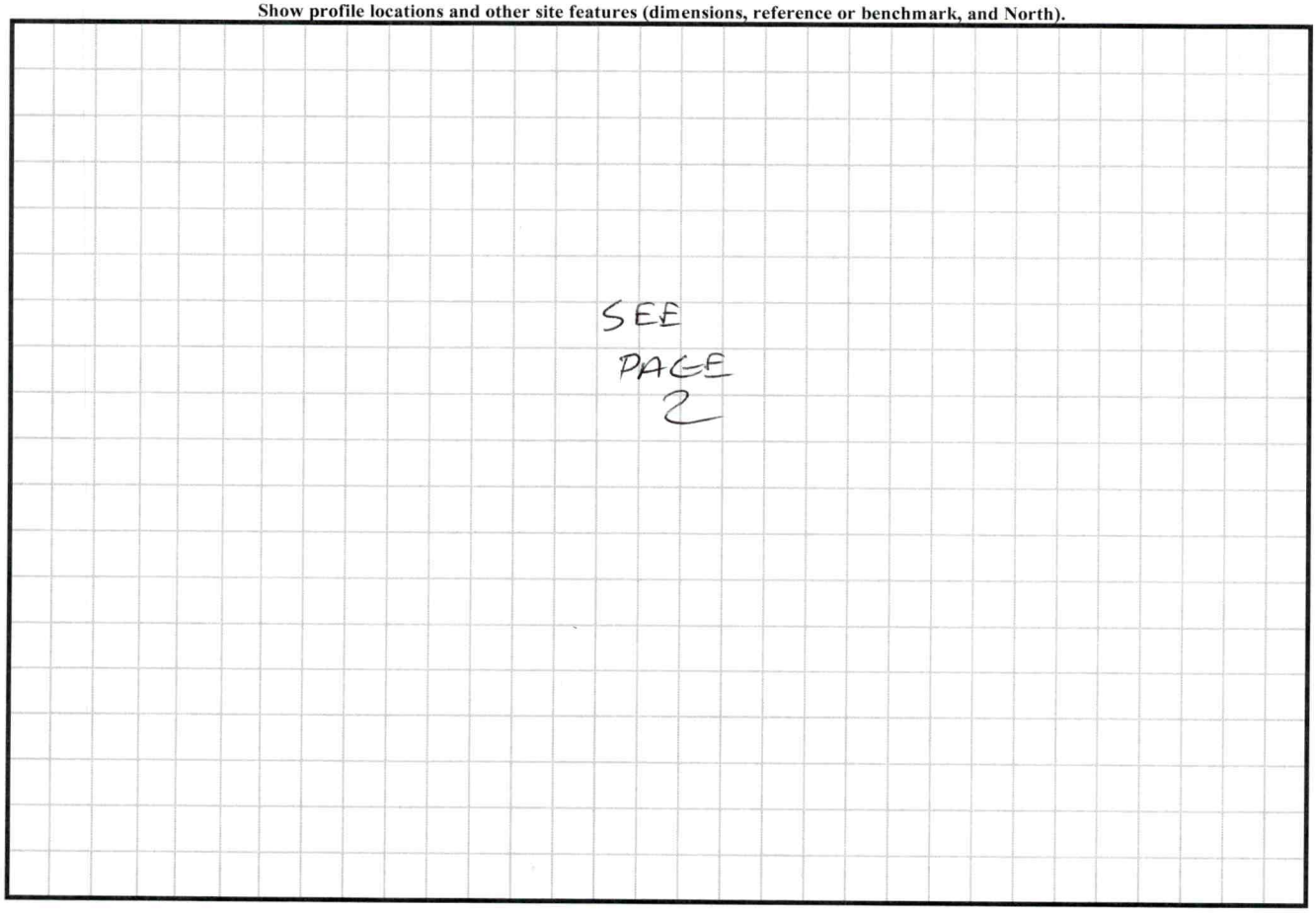
NOTES

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)

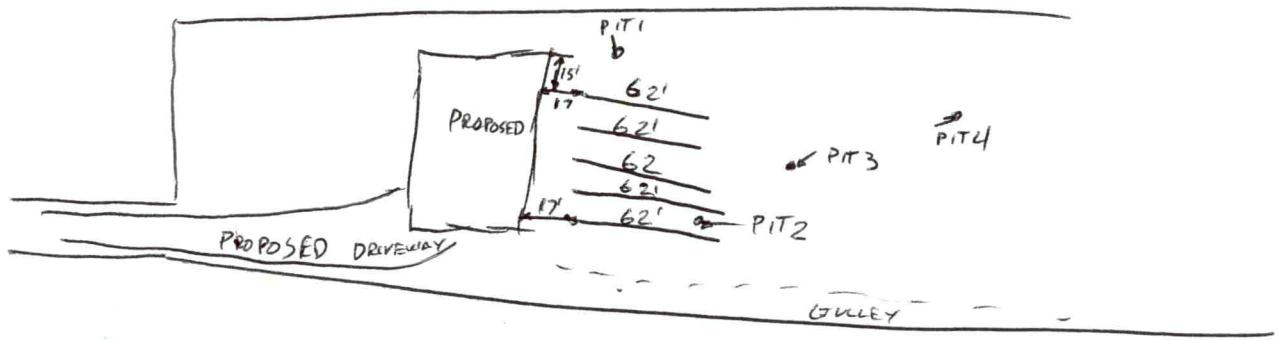
Evaluation of saprolite shall be by pits.

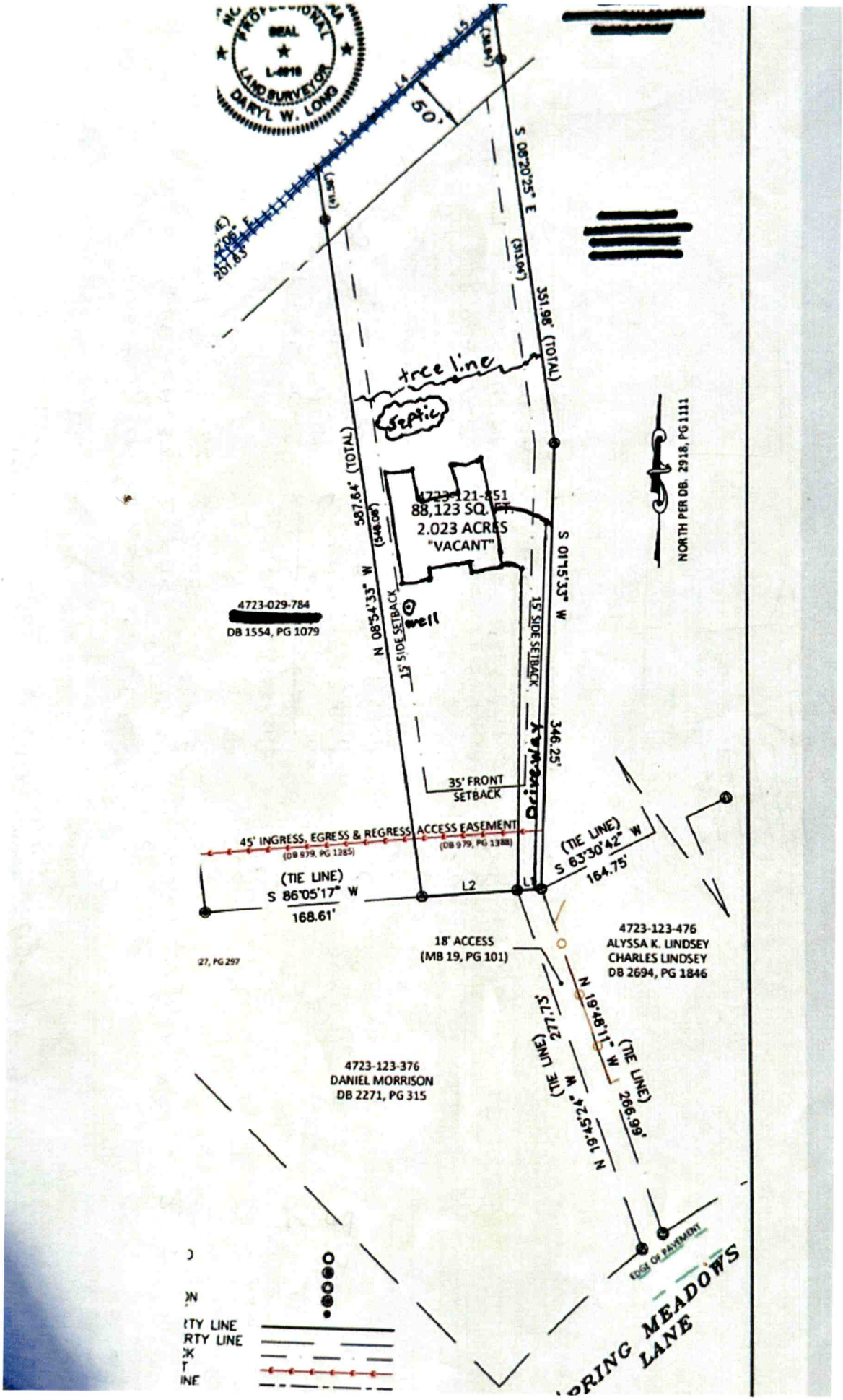
Long-term Acceptance Rate (LTAR): gal/day/ft^2

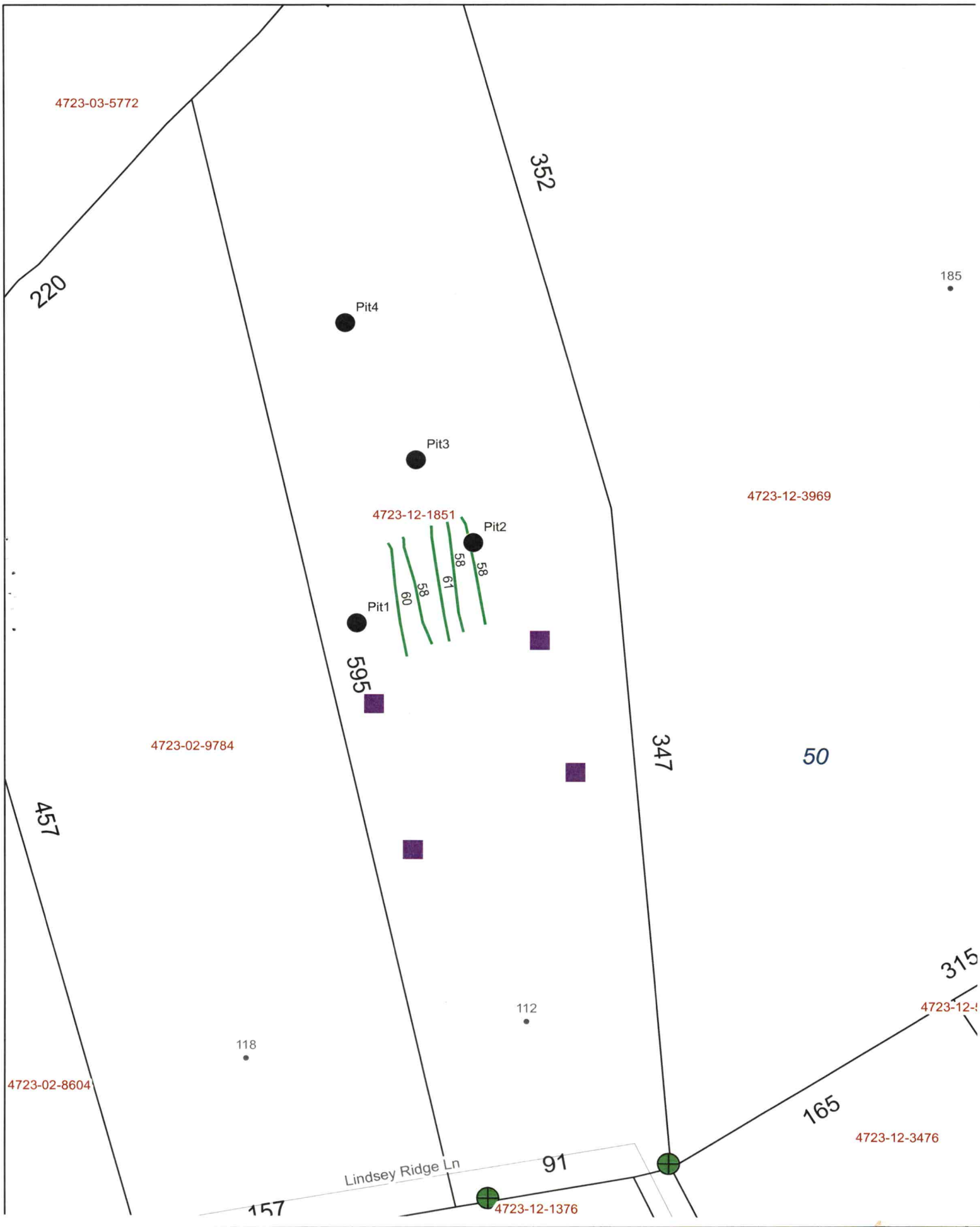
Show profile locations and other site features (dimensions, reference or benchmark, and North).



PIT 1	LINEAR SIDE 12%	0-12 12-38 38-60	FILL MIXED CLEARING C, ABK CL, WABK	FR, S, P, SEXP FR, SS, SP, SEXP	FEW YIB 18"-24" CHROMA 5S+6S SAP INC THRU OUT	60"+	NA	NA	PS .275
PIT 2	LINEAR SIDE 13%	0-9 9-33 33-62	FILL MIXED CLEAR C, ABK CL, WABK	FR, S, P, SEXP FR, SS, SP, SEXP	FEW Y-B 12"-21" SAP INC THRU OUT	62"+	NA	NA	PS .275
PIT 3	RIDGE 2%	0-12 12-41 41-66	~~FILL MIXED CLEAR~~ SCL, SBK C, ABK CL, WABK	FR, SS, SP, SEXP FR, S, P, SEXP FR, S, P, SEXP	FEW YIB SAP INC THRU OUT	66"+	NA	NA	PS .275
PIT 4	RIDGE 3%	0-9 9-24 24-48 48-58	SCL, SBK C, SBK CL, WSBK SAP, MAS	FR, SS, SP, SEXP FR, S, P, SEXP FR, SS, SP, SEXP FR, NS, NP, SEXP	SAP INC THRU OUT	58"+	NA	NA	PS .3




NC PROFESSIONAL SEAL L-4918 LAND SURVEYOR DARYL W. LONG
50'
S 08°20'25" E
351.98' (TOTAL)
tree line
Septic
4723-121-851
88,123 SQ. FT.
2.023 ACRES
"VACANT"
587.64' (TOTAL)
N 08°54'33" W
15' SIDE SETBACK
well
S 01°53'35" W
15' SIDE SETBACK
Driveway
346.25'
NORTH PER DB. 2918, PG 1111
4723-029-784
DB 1554, PG 1079
35' FRONT SETBACK
45' INGRESS, EGRESS & REGRESS ACCESS EASEMENT
(DB 979, PG 1385)
(DB 979, PG 1388)
(TIE LINE)
S 83°30'42" W
164.75'
(TIE LINE)
S 86°05'17" W
168.61'
L2
L1
18' ACCESS
(MB 19, PG 101)
4723-123-476
ALYSSA K. LINDSEY
CHARLES LINDSEY
DB 2694, PG 1846
(TIE LINE)
277.73'
N 19°48'11" W
(TIE LINE)
N 19°45'24" W
266.99'
4723-123-376
DANIEL MORRISON
DB 2271, PG 315
EDGE OF PAVEMENT
SPRING MEADOWS LANE


4723-03-5772
352
220
185
Pit4
Pit3
4723-12-3969
4723-12-1851
Pit2
58
58
61
58
60
Pit1
595
4723-02-9784
347
50
457
315
112
118
4723-02-8604
165
4723-12-3476
Lindsey Ridge Ln
91
157
4723-12-1376

PERMIT SNAPSHOT REPORT OSWP-2023-13208
FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/09/2023
Work Class:	EH Septic Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	White, Bryant	**Approval Expire Date:**	
Description:					

Parcel: 4723121851.000 Main	**Address:** 112 Lindsey Ridge Ln Statesville, NC 28677 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent	Property Owner	Project Contact
homeowner	homeowner	Brian Lindsey
173 Spring Meadows Lane	173 Spring Meadows Lane	Home: (704) 640-9373
Statesville, NC 28677	Statesville, NC 28677	
Business: (704) 640-9373	Business: (704) 640-9373	

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	70x90 single family home	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	5
Foundation Type	Crawl Space Foundation	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Lot Acreage	2.023	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Jan 10 2023 12:00AM	Zoning Permit Expiration Date	Jul 9 2023 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	Additional Unique Setbacks Apply	No
Watershed	NOT IN A WATERSHED				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_aly_lindsey_1/9/2023.jpg	01/09/2023 18:39	lindsey, aly		Uploaded via CSS
survey plat_v1.pdf	01/10/2023 12:00	Hart, Ronda	Available Online	Site Plan
Auth_v2.pdf	01/20/2023 10:44	Hart, Ronda	Available Online	Authorize to Act as Agent

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-56284	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/26/2023			01/26/2023 16:19	01/26/2023 16:19

Inspectors: Kobuck, Teanna (Primary)

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

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00007389	Iredell Zoning Permit Fee		$75.00	$75.00
	Iredell Zoning Tech Fee		$2.25	$2.25
		Total for Invoice INV-00007389	$77.25	$77.25
INV-00007860	New Gravity System		$500.00	$500.00

PERMIT SNAPSHOT REPORT (OSWP-2023-13208)

Total for Invoice INV-00007860	$500.00	$500.00
Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/20/2023 10:45	01/20/2023 10:46
Confirm application complete v.1	Generic Action		01/20/2023 10:46
Zoning Review v.1		01/10/2023 8:34	01/10/2023 11:11
Iredell County Zoning Approval v.1	Task	01/10/2023 8:34	01/10/2023 11:11
Issue Invoice v.1	Generic Action		01/10/2023 8:34
Fees Paid v.1	Generic Action		01/10/2023 11:11
Fees v.1		01/20/2023 10:47	01/23/2023 13:14
Issue Invoice v.1	Generic Action		01/20/2023 10:47
Fees Paid v.1	Generic Action		01/23/2023 13:14
Lot Readiness Verification v.1		01/26/2023 16:19	
OSWP Septic Preliminary Site Visit v.1	Inspection	01/26/2023 16:19	01/26/2023 16:20
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		