ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2024-54923

PERMIT: OSWP-2024-52118

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

PIN # 4892 -- 26 -- 6098

APPLICANT/OWNER: ANDY MELTON APPLICANT ADDRESS: 1008 PINE RIDGE DRIVE, HAMPTONVILLE, N.C. 27020

SITE ADDRESS: 2297 SANDY SPRINGS ROAD, HARMONY, N.C. 28634 PHONE: 336-466-8875 ALT. PHONE 336-469-0577

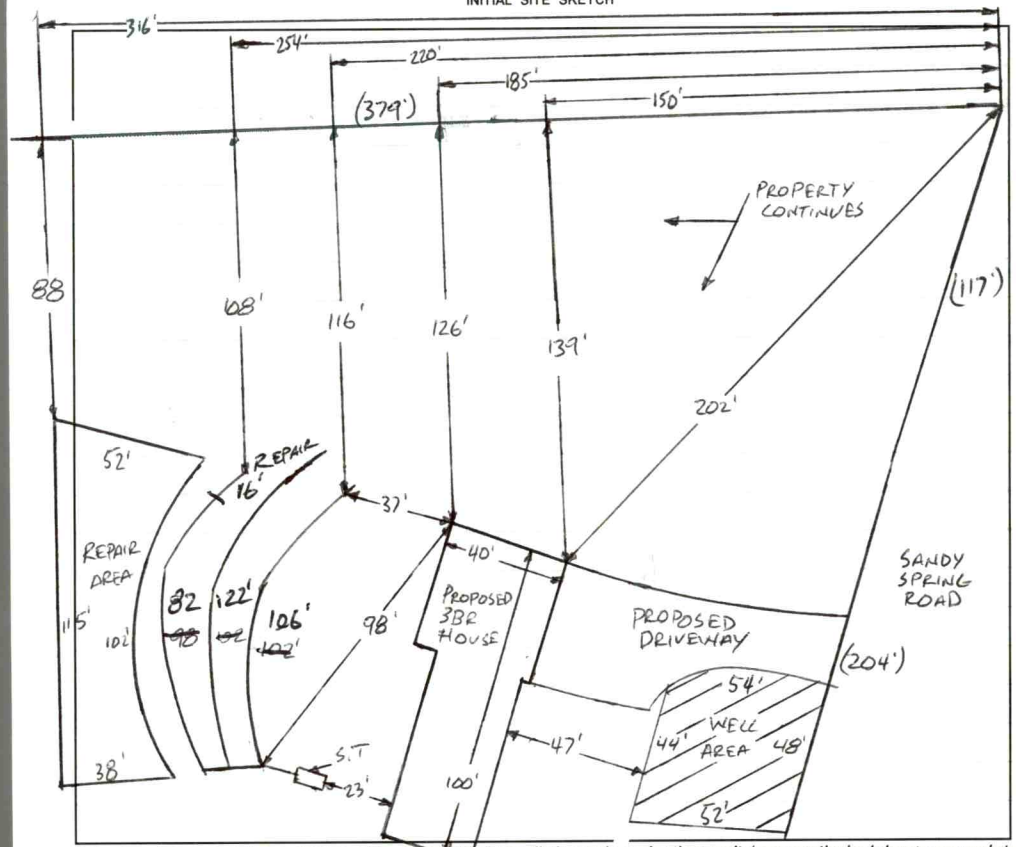
SITE DIRECTIONS: (N) ON 21, (R) ON EAST HOBSTONVILLE, (R) ON REAVIS, (R) ON SANDY SPRINGS, LOT ON (R) SAP CONTROLLED: ☑ YES ☐ NO

SUBDIVISION: DIANE M. FOSTER LANDS SECTION: — LOT # 1 LOT AREA: 5.9AC DESIGN FLOW: 360 GPD L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

Septic Tank	1000	(gal)	STB	854	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	3	Linear Ft	302FT		Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space		☐ Community
Trench Width	36IN	*Max. Trench Depth(Initial)	26IN	*Max. Trench Depth(Repair)	26IN	Gravel Depth —	☑ GRAVITY	☐ PRESSURE			☐ Basement w/plumbing	☐ Basement w/o plumbing		
* Measured on the downhill side of the trench		Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40					Usable Depth to LC (Initial): 46.5 IN				Usable Depth to LC (Repair): 46.5 IN			*Limiting Condition*

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 34IN MAX TRENCH DEPTH (HIGH SIDE), MAINTAIN 100FT 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.

1IN=60FT

S.T.=SEPTIC TANK

INSTALLED AS SHOWN

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 WELBORN

IMPROVEMENT PERMIT by: Bryant C. White Date: 5-30-2024 OPERATION PERMIT by: Bryant C. White Date: 9-19-2024

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 5-30-2024 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

Sheet 1 of 1
PROPERTY ID #: TBD
COUNTY: IREDELL

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

OWNER: ANDY MELTON
APPLICATION DATE 11-8-2023
ADDRESS: 1008 PINE RIDGE DRIVE, HAMPTONVILLE, N.C. 27020
DATE EVALUATED: 12-4-2023
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360GPD
PROPERTY SIZE: TBD
LOCATION OF SITE: 2297 SANDY SPRING ROAD, HARMONY, N.C. 28634
PROPERTY RECORDED: NO
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	NOSE 13%	0-12	PLOW	MIXED	SAP INC THRU OUT NON-CON QUARTZ VIEN 20"-27" IN 1/8TH OF PIT	45"	PS II SL	NA	PS .3 50" of SOIL USE SAP
		12-24	CL, SBK	FR, S, P, SEXP					
		24-45	CL, WSBK	FR, SS, SP, SEXP					
		45-55	SAP, MAS	VFR, NS, NP, SEXP					
2	LINEAR SIDE 15%	0-12	PLOW	MIXED	SAP/ LITHO THRU OUT	38"	PS II SL	NA	PS .35 48" of USABLE
		12-38	CL, WSBK	FR, SS, SP, SEXP					
		38-58	SAP, MAS	VFR, NS, NP, SEXP					
3	NOSE 13%	0-12	PLOW	MIXED	SAP/ LITHO THRU OUT	30"	PS II SL	NA	PS .35 46.5" of USABLE
		12-27	CL, SBK	FR, SS, SP, SEXP					
		27-30	CL, WSBK	FR, SS, SP, SEXP					
		30-63	SAP, MAS	VFR, NS, NP, SEXP					
4	LINEAR SIDE 15%	0-10	PLOW	MIXED	SAP/ LITHO THRU OUT	46"	PS II SL	NA	PS .3 50" of USABLE
		10-28	CL, SBK	FR, S, P, SEXP					
		28-46	CL, WSBK	FR, SS, SP, SEXP					
		46-54	SAP, MAS	VFR, NS, NP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	0.3	0.3

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

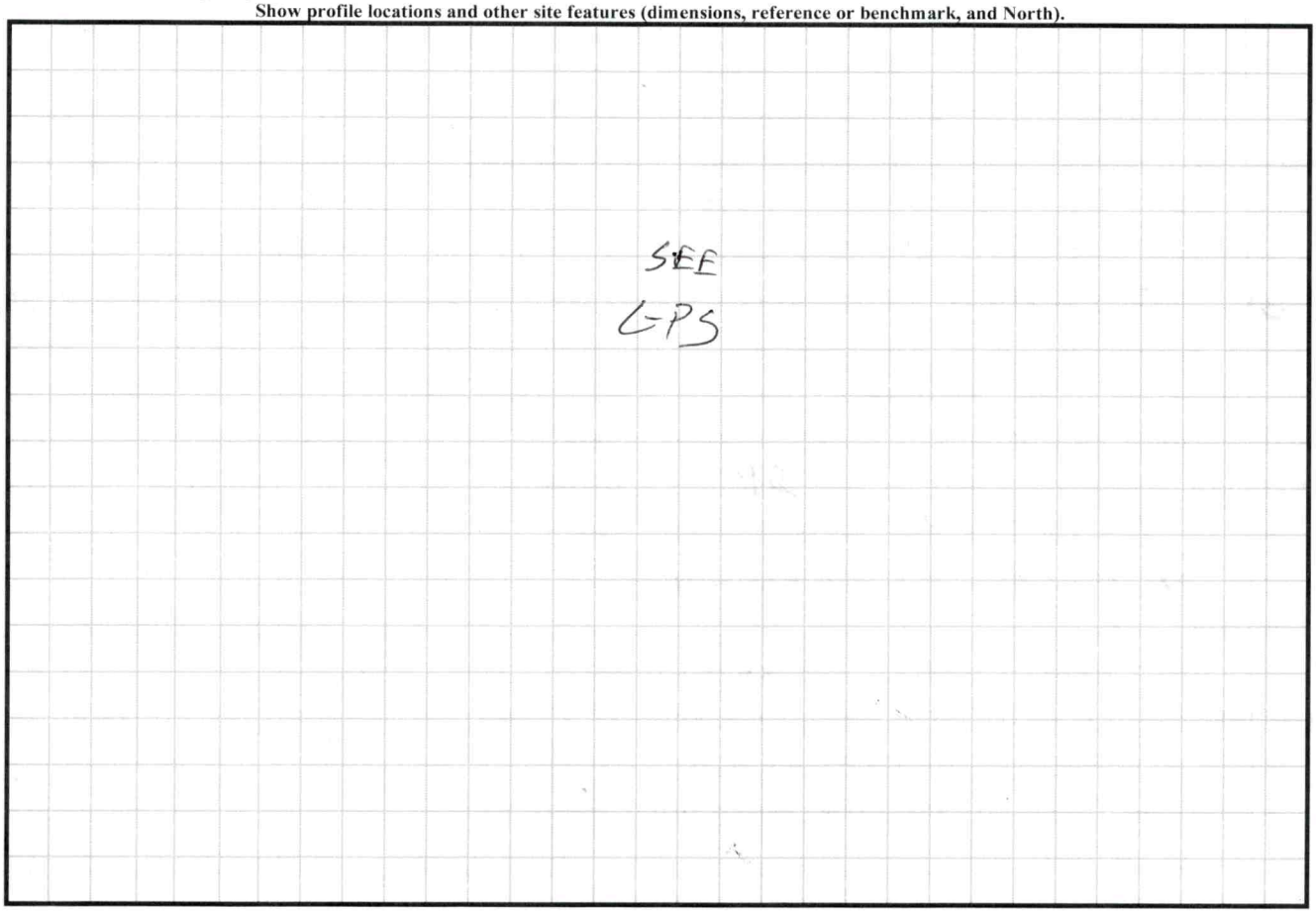
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2024-52118 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	04/24/2024
Work Class:	EH Septic 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:	Re-layout of current septic permit (system not installed). Site ready 4/30/24- BM				

Parcel: 4892266098.000 Main	**Address:** 2297 Sandy Springs Rd Harmony, NC 28634 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner
Carla Melton	DIANE M FOSTER
1008 Pine Ridge Drive	2298 SANDY SPRINGS
Hamptonville, NC 27020	CHURCH RD
Mobile: (336) 469-0576	MOCKSVILLE, NC 27028

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Intermediate Re-Layout	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	30'x60' house with attached 40'x40' garage.
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Concrete Slab Foundation
Water Supply	New Well	Desired Septic System Type	Conventional (most common)	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Carla_Melton_4/25/2024.jpg	04/24/2024 21:42	Melton, Carla		Uploaded via CSS
Perc form Ac Iredell_v1.pdf	04/26/2024 11:56	Melton, Carla	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-210086	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	04/30/2024	04/30/2024 0:00	04/30/2024 0:00	04/30/2024 8:08	04/30/2024 8:08

Inspectors: Moore, Bradley (Primary)

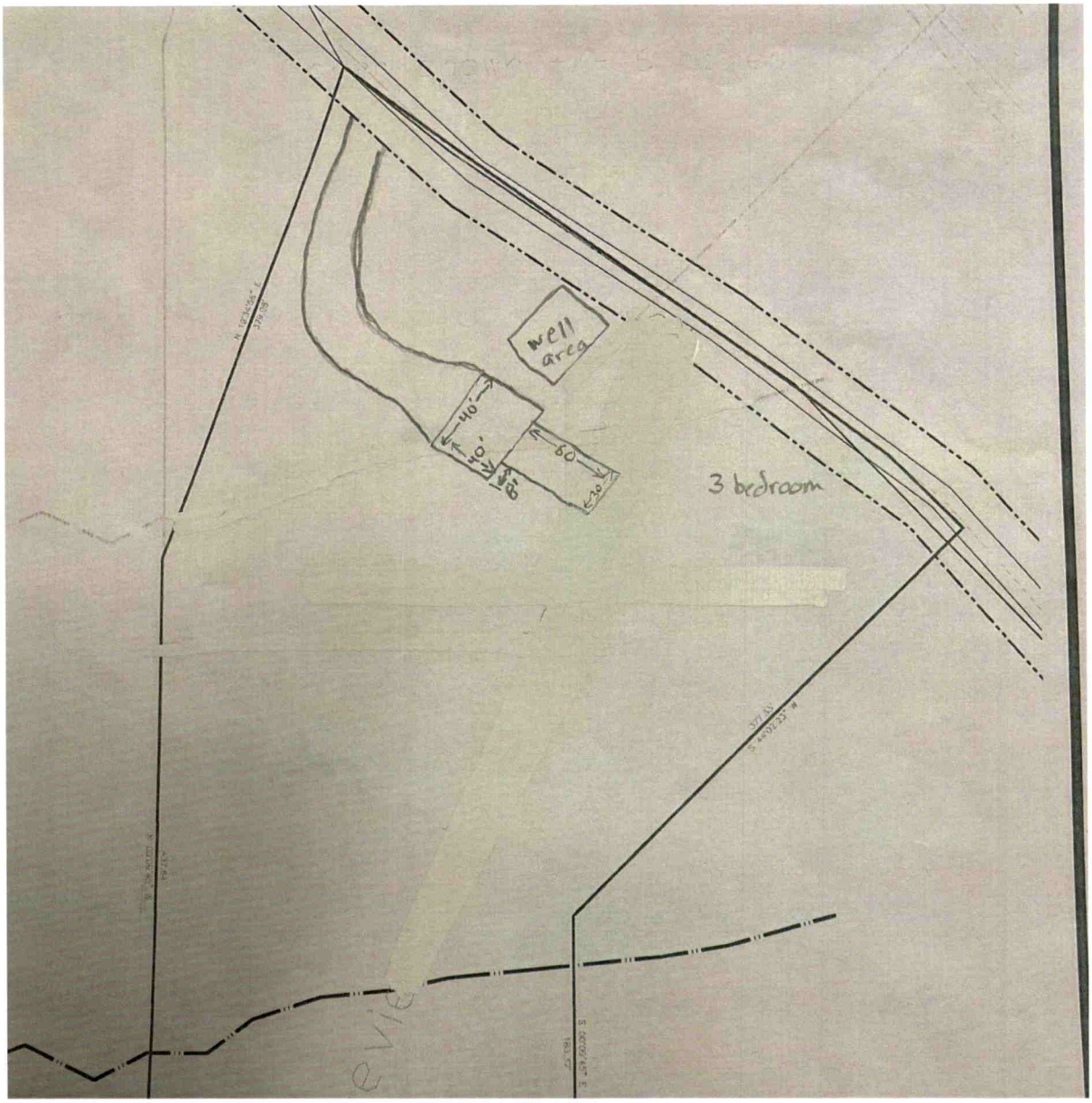
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00030162	Intermediate Re-layout	$320.00	$320.00
	Total for Invoice INV-00030162	$320.00	$320.00
	Grand Total for Permit	**$320.00**	**$320.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		04/26/2024 11:56	04/26/2024 11:56
Confirm application complete v.1	Generic Action		04/26/2024 11:56
Fees v.1		04/26/2024 11:56	04/29/2024 7:31
Issue Invoice v.1	Generic Action		04/26/2024 11:56
Fees Paid v.1	Generic Action		04/29/2024 7:31

PERMIT SNAPSHOT REPORT (OSWP-2024-52118)

~~Zoning Review v.1~~			04/26/2024 11:56
~~Floodplain Admin Overview v.1~~	Task		04/26/2024 11:56
~~Issue Invoice v.1~~	Generic Action		04/26/2024 11:56
~~Fees Paid v.1~~	Generic Action		04/26/2024 11:56
Lot Readiness Verification v.1		04/30/2024 8:08	
OSWP Septic Preliminary Site Visit v.1	Inspection	04/30/2024 8:08	04/30/2024 8:09
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		


well area
40'
60
3 bedroom