BIDR-2025-71452

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # OSWIP-2022-10341

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

PIN # 4831 -- 95 -- 9278

APPLICANT/OWNER: STEVEN + BONNIE HILL | APPLICANT ADDRESS: 480 EUPEPTIC SPRINGS ROAD, OLIN, N.C. 28660

SITE ADDRESS: 466 EUPEPTIC SPRINGSROAD, OLIN, N.C. 28660 | PHONE: 704-657-4360 | ALT. PHONE 704-657-6177

SITE DIRECTIONS: (W) ON 901, (L) ON JENNINGS, (R) ON EUPEPTIC SPRINGS, LOT ON (L) | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: — | SECTION: — | LOT # — | LOT AREA: 5.056 AC | DESIGN FLOW: 360 GPD | L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	854	Date			
Pump Tank	— (gal)	PT	—	Date	—		
Pump Make	—	Model	—	Serial #	—		
# Nitrification Fields	1	# Lines	5	Linear Ft	303 FT		
Trench Width	36 IN	Trench Bottom Depth(Low side)	28 IN	Gravel Depth	—		

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

System Description: 25% REDUCTION

Repair System Description: 25% REDUCTION

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

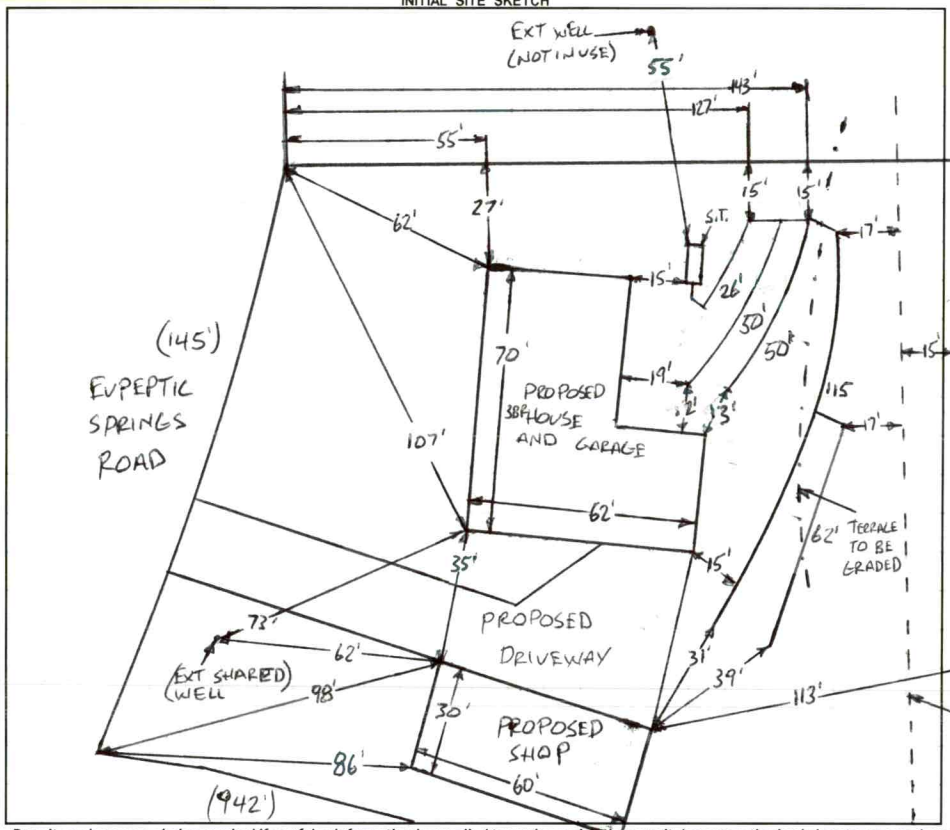
☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

No. Bedrooms 3 | No. Persons 6 | No. Employees — | ☑ Crawl Space | ☐ Basement w/o plumbing

Water Supply: ☑ Private (EXT SHARED) ☐ Public ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36IN MAX TRENCH DEPTH, TERRACE MUST BE GRADED

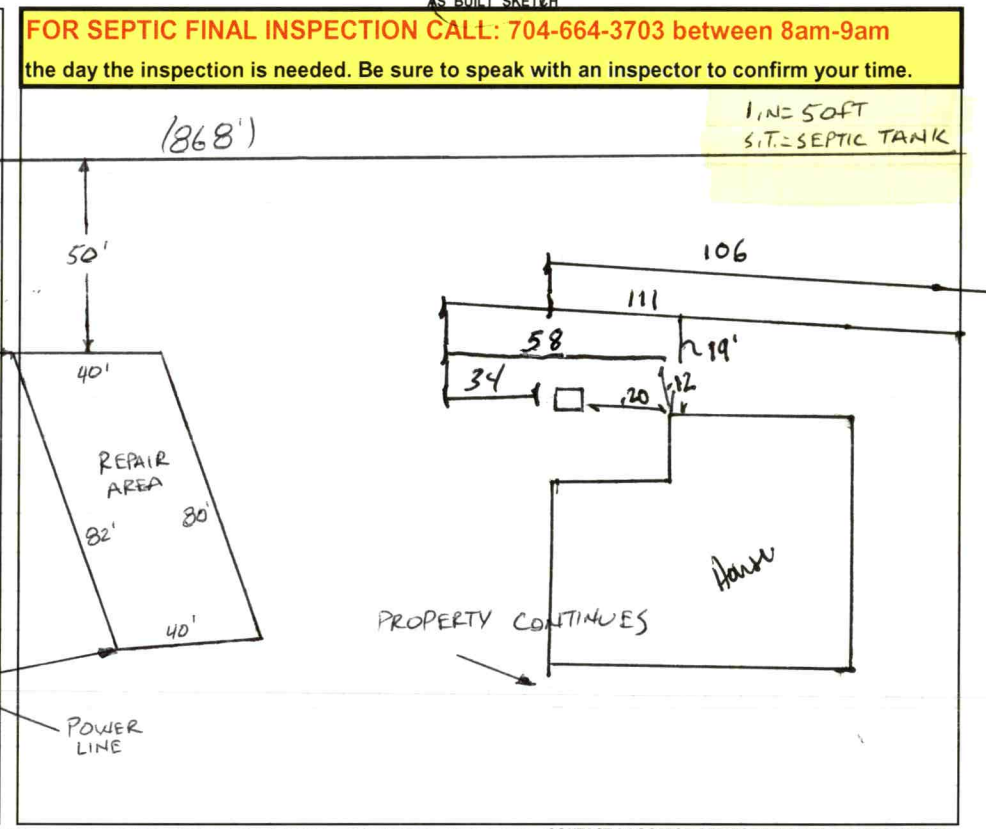
INITIAL SITE SKETCH



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.

1 IN = 50 FT
S.T. = SEPTIC TANK



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: A-1 Backhoe

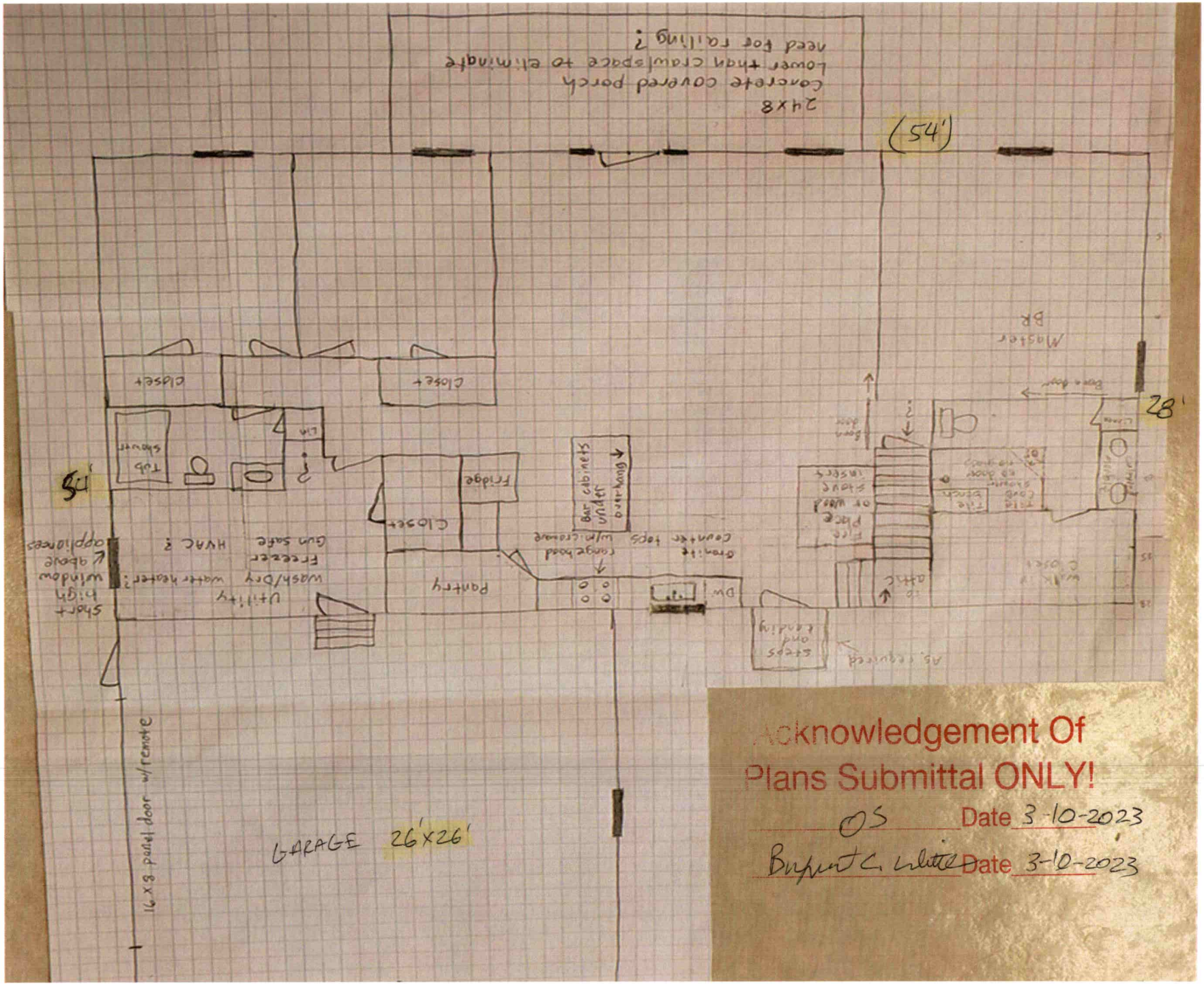
IMPROVEMENT PERMIT by: Bryant C. White | Date: 3-9-2023 | OPERATION PERMIT by: Bryant C. White | Date: 11/17/2025

AUTHORIZATION TO CONSTRUCT by: Bryant C. White | Date: 3-10-2023 | 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!

OS Date 3-10-2023

Bryant C. White Date 3-10-2023

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

Sheet 1 of 1
PROPERTY ID #: 4831-75-9208
COUNTY: IREDELL

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

OWNER: STEVEN & BONNIE HILL — APPLICATION DATE 11-29-2022
ADDRESS: 480 EUPEPTIC SPRINGS ROAD, OLIN, N.C. 28660 — DATE EVALUATED: 1-9-2023
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360GPD — PROPERTY SIZE: 5.056 AC
LOCATION OF SITE: 466 EUPEPTIC SPRINGS, ROAD, OLIN, N.C. 28660 — PROPERTY RECORDED: YE
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	OLD TERRACE 5%	0-9	fill	MIXED	12" OF FILL ON HIGHEST FEW FI SAP INC THRU OUT	53"+	NA	NA	PS .3
		9-36	C, SBK	FR, S, P, SEXP					
		36-53	CL, WSBK	FR, SS, SP, SEXP					
2	LINEAR SIDE 8%	0-12	PLOW LAYER	MIXED	SAP INC THRU OUT	62"+	NA	NA	PS .3
		12-33	C, SBK	FR, S, P, SEXP					
		33-62	CL, WSBK	FR, SS, SP, SEXP					
3	LINEAR SIDE 12%	0-12	PLOW LAYER	MIXED	SAP INC THRU OUT FEW FI	64"+	NA	NA	PS .3
		12-22	SCL	SBK FR, SS, SP, SEXP					
		22-43	C, SBK	FR, S, P, SEXP					
		43-64	CL, WSBK	FR, SS, SP, SEXP					
4	LINEAR SIDE 10%	0-16	PLOW LAYER	MIXED	SAP INC THRU OUT	62"+	NA	NA	PS .3
		16-42	C, SBK	FR, S, P, SEXP					
		42-62	CL, WSBK	FR, SS, SP, 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: Bryant C. Miller
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.

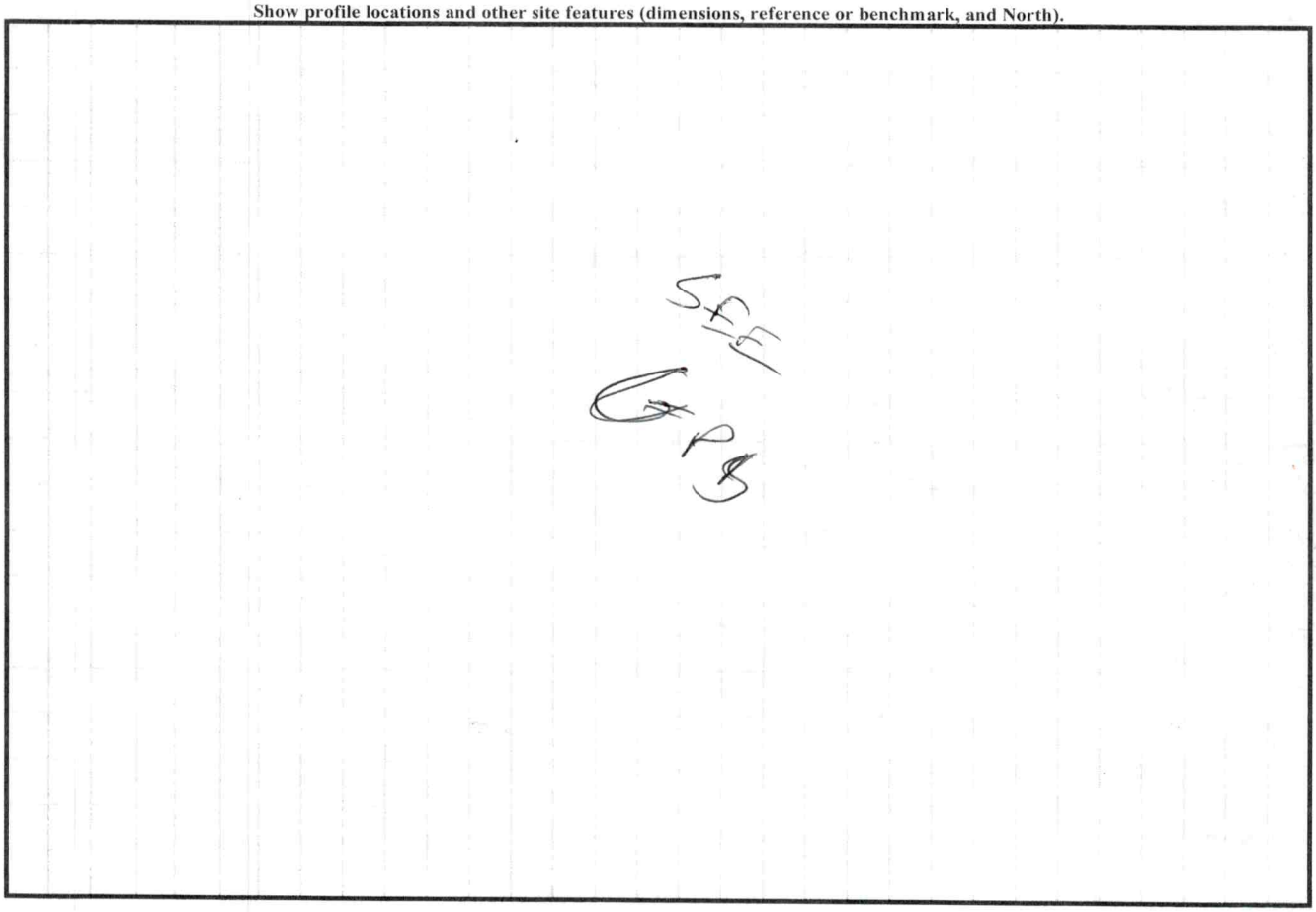
NOTES

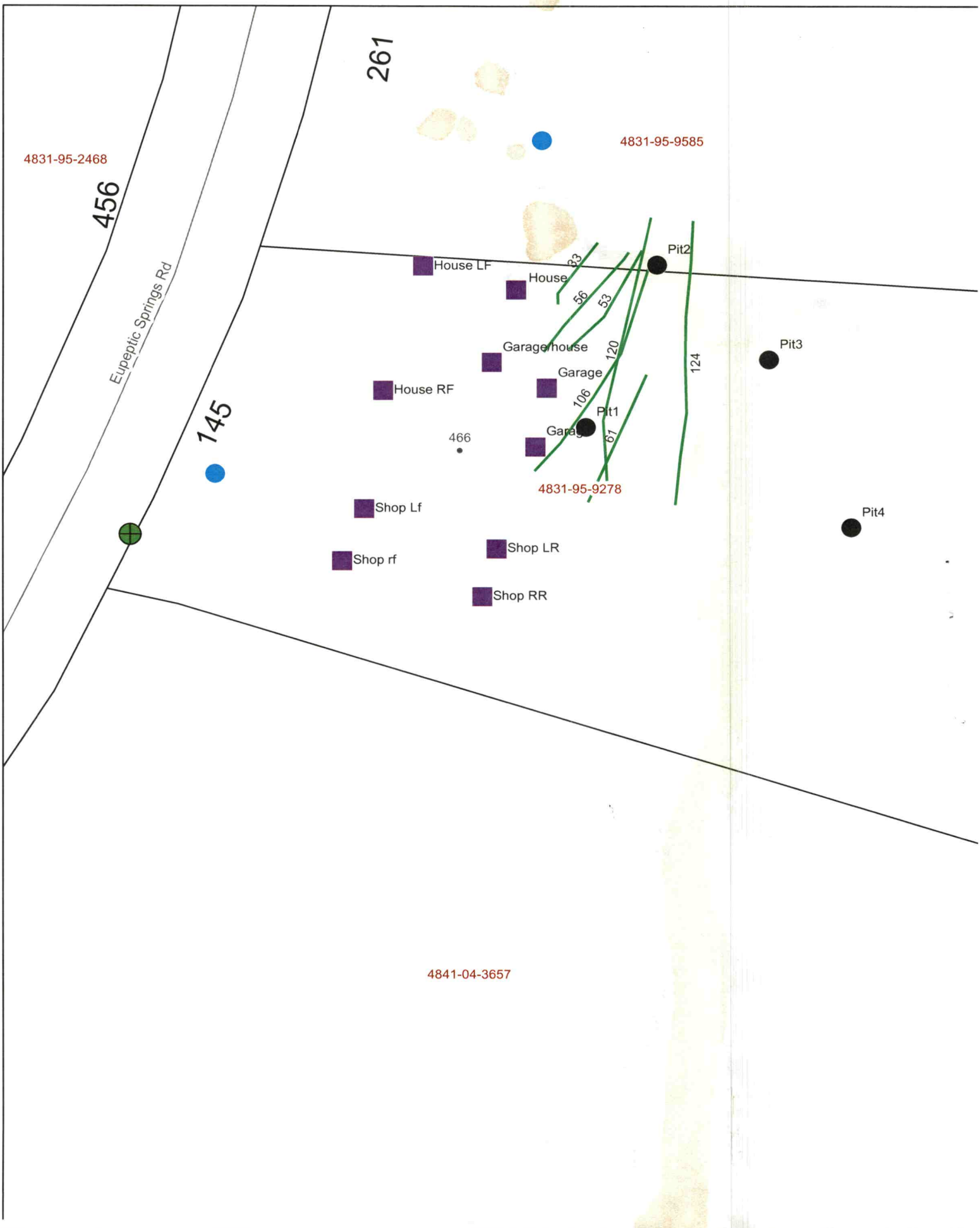
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




261
4831-95-9585
4831-95-2468
456
Eupeptic Springs Rd
145
House LF
House
Pit2
83
56
53
Garage/house
120
124
Pit3
Garage
House RF
106
Pit1
Garag
61
466
4831-95-9278
Shop Lf
Pit4
Shop LR
Shop rf
Shop RR
4841-04-3657

PERMIT SNAPSHOT REPORT OSWP-2022-10341 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Description: ADDRESS AND SITE MAP ADDED

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: White, Bryant

App Date: 11/29/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel:	**Address:**	**Zone:**
4831959278.000 Main	466 Eupeptic Springs Rd Olin, NC 28660 Main	RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Property Owner
Steven Hill Home: (704) 657-4360 Mobile: (704) 657-4360	Bonnie Hill 480 Eupeptic Spring Road Olin, NC 28660 Mobile: (704) 657-6177	Bonnie Hill 480 Eupeptic Spring Road Olin, NC 28660 Mobile: (704) 657-6177

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	54' x 28' House 8' x 24' front porch 26' x 26' Garage Attached, right rear 30' x 60' Accessory building	What are the proposed structures	Accessory Building, New Single Family Residence
If other Addition/Structure, please explain	54' x 28' House 8' x 24' front porch 26' x 26' Garage Attached, right rear 30' x 60' Accessory building	Maximum Number of Bedrooms	3	Number of Occupants	2
Foundation Type	Crawl Space Foundation	Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	5.056
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Dec 2 2022 12:00AM	Zoning Permit Expiration Date	May 31 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_Bonnie_Hill_11/29/2022.jpg	11/29/2022 17:54	Hill, Bonnie		Uploaded via CSS
Authorization perc_v1.pdf	12/01/2022 11:34	Comeaux, Debra	Available Online	Authorize to Act as Agent
466 EUPEPTIC SPRINGS RD SITE MAP.pdf	12/01/2022 13:13	Comeaux, Debra	Available Online	SITE MAP

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2022-44739	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	12/13/2022			12/13/2022 8:10	12/13/2022 8:10

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-00005817	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00

PERMIT SNAPSHOT REPORT (OSWP-2022-10341)

Iredell Zoning Tech Fee		$2.25	$2.25
	Total for Invoice INV-00005817	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

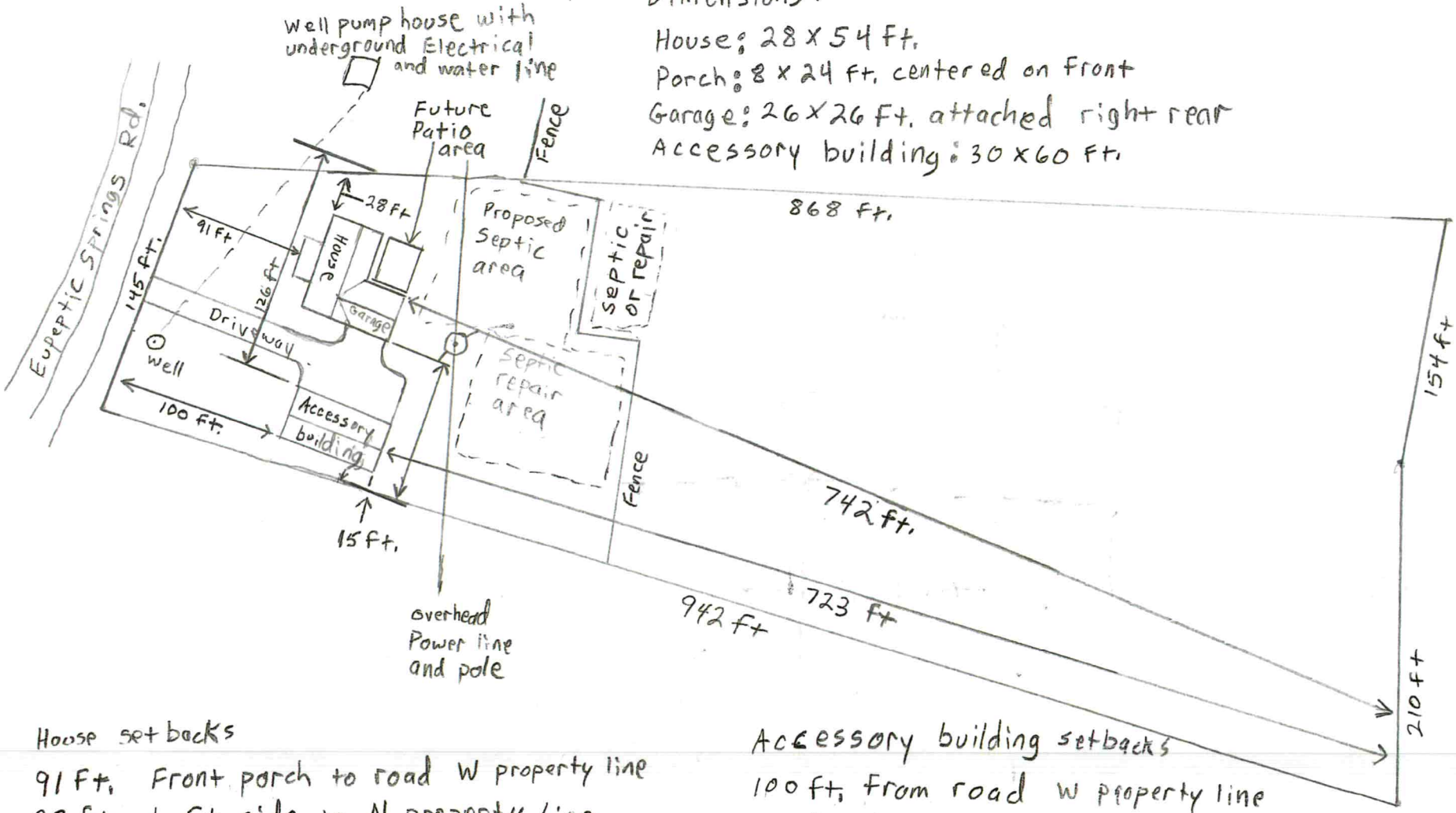
Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		12/01/2022 0:00	12/01/2022 13:15
Confirm application complete v.1	Generic Action		12/01/2022 13:15
Fees v.1		12/02/2022 0:00	12/12/2022 10:58
Issue Invoice v.1	Generic Action		12/02/2022 10:59
Fees Paid v.1	Generic Action		12/12/2022 10:58
Zoning Review v.1		12/02/2022 0:00	12/12/2022 11:18
Iredell County Zoning Approval v.1	Task	12/02/2022 0:00	12/12/2022 11:18
Issue Invoice v.1	Generic Action		12/02/2022 10:59
Fees Paid v.1	Generic Action		12/12/2022 10:58
Lot Readiness Verification v.1		12/14/2022 8:09	
OSWP Septic Preliminary Site Visit v.1	Inspection	12/14/2022 8:09	12/14/2022 8:11
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		

Pin: 4831 9592 78.000
466 Eupeptic Springs Rd
Olin, NC 28660

Steven R. Hill
Bonnie M. Hill

Permit # OSWP-2022-10341
11/29/22

Dimensions:
House: 28 x 54 ft.
Porch: 8 x 24 ft. centered on front
Garage: 26 x 26 ft. attached right rear
Accessory building: 30 x 60 ft.



House set backs
91 ft. Front porch to road W property line
28 ft. Left side to N property line
86 ft. Right side to S property line
742 ft. Rear side to E (rear) property line

Accessory building setbacks
100 ft. from road W property line
126 ft. from N property line
15 ft. from S property line
723 ft. from E (rear) property line

8
14
26
27.