ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2022-7034

PERMIT # OSWP-2022-733

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

PIN # 4702-78-6418

APPLICANT/OWNER: RACHEL E. LEE

APPLICANT ADDRESS: 1352 TERRAPIN RIDGE ROAD, CATAWBA, N.C. 28609

SITE ADDRESS: 131 LAMB ROAD, STATESVILLE, N.C. 28677

PHONE: 304-767-8895 ALT. PHONE —

SITE DIRECTIONS: (W) ON 40, (L) ON OLD MOUNTAIN, (R) ON LEWIS FERRY, (L) ON LAMB, LOT ON (L)

SAP CONTROLLED: ☐ YES ☒ NO REPAIR

SUBDIVISION: —

SECTION: — LOT # — LOT AREA: 9.26 AC

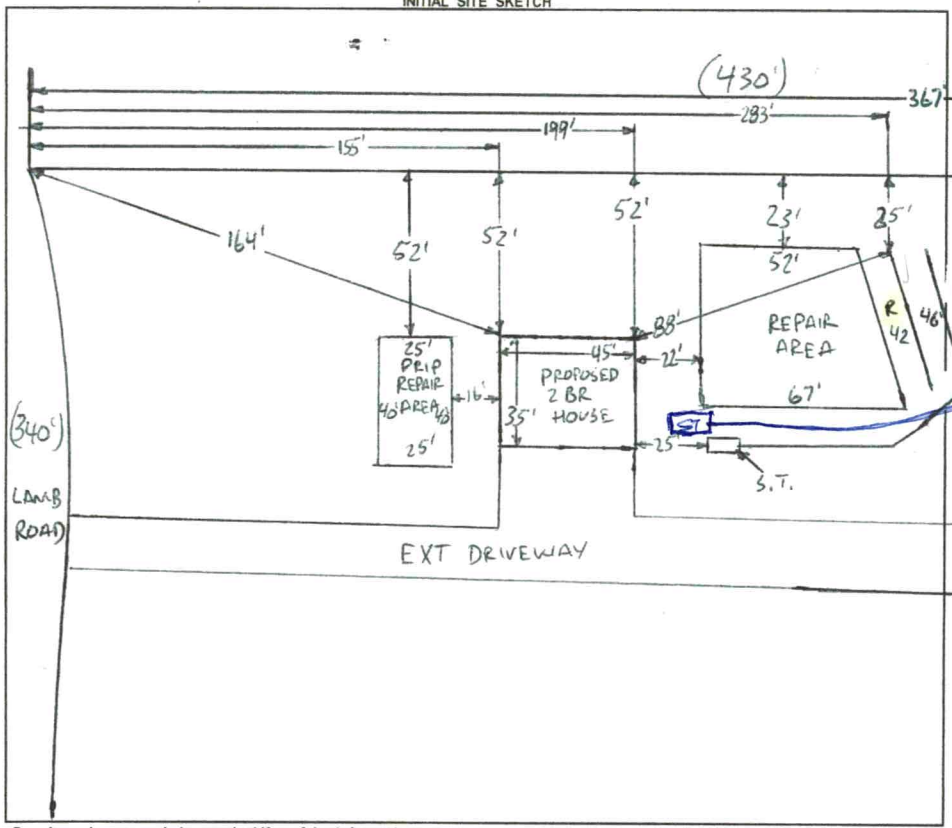
DESIGN FLOW: 240 GPD L.T.A.R.: 0.85 (0.1)

Septic Tank	1000	(gal)	STB	760	Date	9/9/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	25% REDUCTION			
Pump Make	—	Model	—		Serial #	—	Repair System Description:	25% REDUCTION / DRIP			
# Nitrification Fields	1	# Lines	5		Linear Ft	242 FT	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 IN	Trench Bottom Depth(Low side)	32 IN		Gravel Depth	—		☑ GRAVITY	☐ PRESSURE		

☑ Residence	No. Bedrooms	2	Water Supply
☐ Business	No. Persons	4	☐ Private
☐ Other	No. Employees	—	☑ Public
☐ Slab	☑ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH, DO NOT SHALLOW UP

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 = 60 FT

S.T. = SEPTIC TANK

R = REPAIR

Line lengths as permitted, See blue lines for distance from Shed

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: Rachel Lee Date: 12-20-22 Installed by: Stutts Grading

IMPROVEMENT PERMIT by: Bryant C. White Date: 12-15-2022 OPERATION PERMIT by: D. Weberg Date: 10/24/2

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 12-15-2022 Existing System Inspected by: —

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 05WP-2022-7330

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

PIN # 4702-- 78 --6418

APPLICANT/OWNER: RACHEL E, LEE

APPLICANT ADDRESS: 1352 TERRAPIN RIDGE ROAD, CATAWBA, N.C. 28609

SITE ADDRESS: 131 LAMB ROAD, STATESVILLE, N.C. 28677

PHONE: 304-767-8895 ALT. PHONE –

SITE DIRECTIONS: (W) ON 40, (L) ON OLD MOUNTAIN, (R) ON LEWIS FERRY, (L) ON LAMB, LOT ON (L)

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: –

SECTION: – LOT # – LOT AREA: 9.26 AC

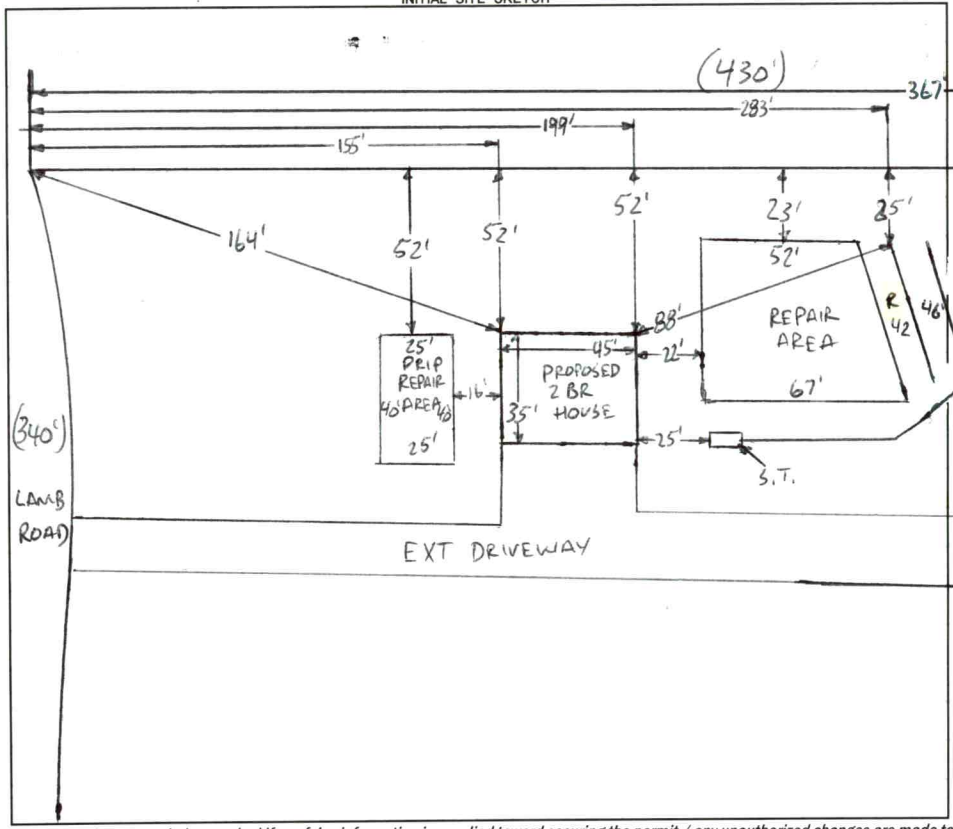
DESIGN FLOW: 240 GPD L.T.A.R.: 0.85 (0.1) REPAIR

Septic Tank	1000	(gal)	STB		Date	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 2
Pump Tank	–	(gal)	PT	–	Date –	System Description:	25% REDUCTION			☐ Business	No. Persons 4
Pump Make	–	Model	–		Serial # –	Repair System Description:	25% REDUCTION / DRIP			☐ Other	No. Employees –
# Nitrification Fields	1	# Lines	5		Linear Ft 242 FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space
Trench Width	36 IN	Trench Bottom Depth(Low side)	32 IN		Gravel Depth –		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH, DO NOT SHALLOW UP

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 = 60 FT
S.T. = SEPTIC TANK
R = REPAIR

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: Rachel Lee Date: 12-20-22 Installed by: _____

IMPROVEMENT PERMIT by: Bryant C. White Date: 12-15-2022 OPERATION PERMIT by: _____ Date: _____

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 12-15-2022 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!

DAULINE Date —

Buyer Date 12-15-2022

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

Sheet 1 of 1
PROPERTY ID #: 4702-78-6418
COUNTY: IREDELL

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

OWNER: RACHEL E. LEE
APPLICATION DATE: 10-18-2022
ADDRESS: 1352 TERRAPIN RIDGE ROAD, CATAWBA, N.C. 28609
DATE EVALUATED: 12-9-2022
PROPOSED FACILITY: 2BR
PROPOSED DESIGN FLOW (.1949): 240GPD
PROPERTY SIZE: 9.26 AC
LOCATION OF SITE: 131 LAMB ROAD, 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	NOSE 5%	0-12	FILL	MIXED	ORGANIC STAINING ON CLAY FACES Y/B MOTS THRU OUT SAP INC 38"+	55"+	NA	NA	PS .25
		12-35	C, ABK	fi, S, VP, SEXP					
		35-55	CL, WABK	FR, SS, P, SEXP					
2	NOSE 7%	0-9	FILL	MIXED	FEW SAP INC THRU OUT Y/B MOTS 10"-28"	54"+	NA	NA	PS .25
		9-36	C, ABK	fi, S, P, SEXP					
		36-54	CL, WABK	fi, SS, SP, SEXP					
3	NOSE 8%	0-28	FILL	MIXED	SAP INC THRU OUT Y/B MOTS	52"+	NA	NA	U TILL FILL REMOVE
		28-52	CL, WABK	FR, SS, SP, SEXP					
4	NOSE 7%	0-6	FILL	MIXED	Y/B MOTS THRU OUT	58"+	NA	NA	PS .25
		6-33	C, ABK	FR, S, P, SEXP					
		33-58	CL, WABK	fi, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%/DRIP
Site LTAR	0.25	0.25/0.1

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Brittney 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/ft²

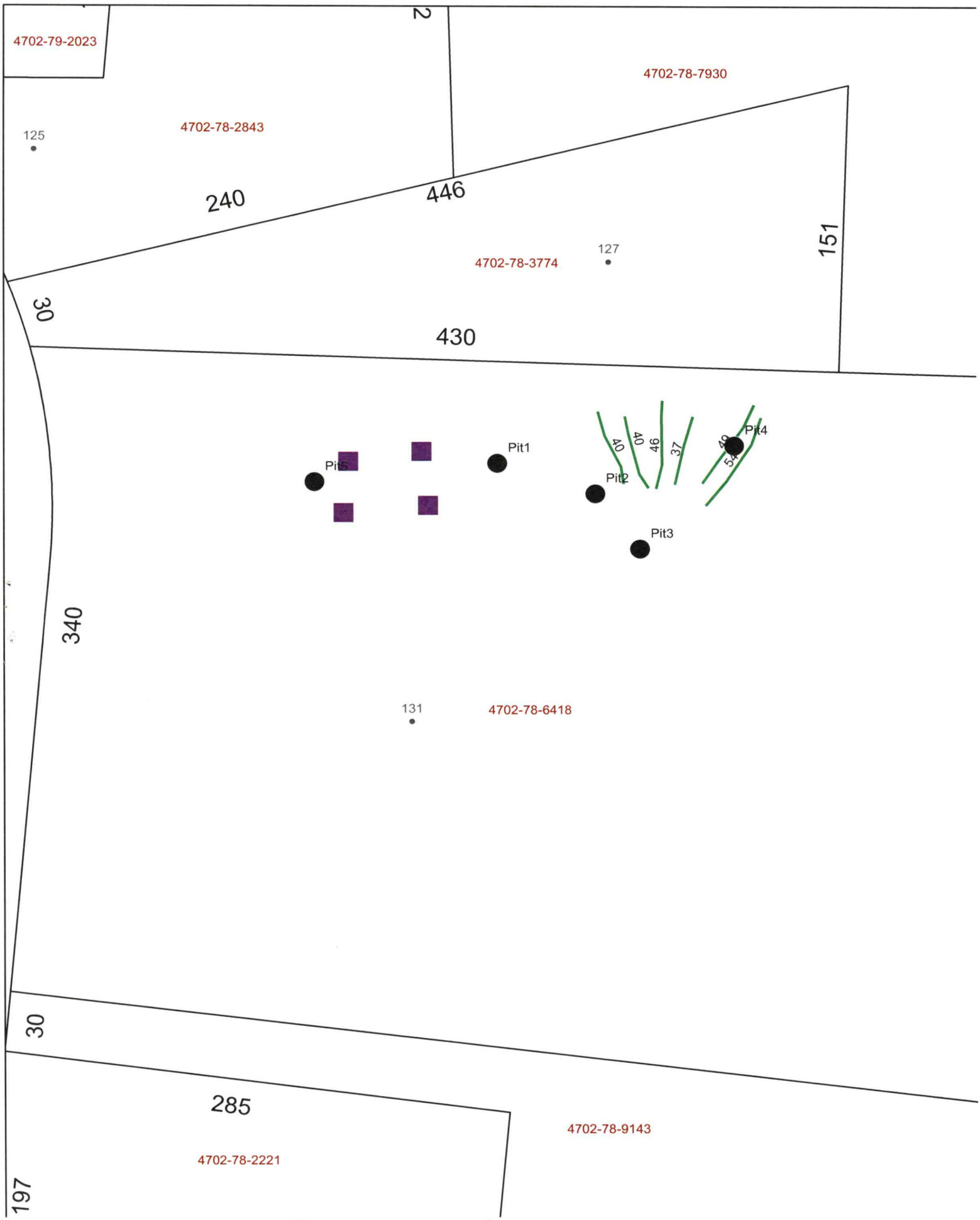
Show profile locations and other site features (dimensions, reference or benchmark, and North).

SEE ATTACHED

PIT 5 HEAD 10%

0-6	FILL	MIXED			
6-22	L, CBL	FR, SS, P, SEXP MOIST	II	NA	NA
22-26	CL, WABK/RL	FI, SS, SP, SEXP	II	SL	NA
26-52	SAP, RL	VFI, SS, SP, SEXP	U	VFI	PS

PERC .1


4702-79-2023
4702-78-7930
4702-78-2843
125
240
446
151
127
4702-78-3774
30
430
Pit1
Pit5
Pit2
Pit4
Pit3
40
40
46
37
49
54
340
131
4702-78-6418
30
285
4702-78-9143
4702-78-2221
197

PERMIT SNAPSHOT REPORT OSWP-2022-7330
FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/18/2022
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: ACCESSORY DWELLING - Per Ronda Hart, application for Septic Improvement Permit due to no septic system design on previously obtained soil test submitted.

Parcel: 4702786418.000 Main	**Address:** 131 Lamb Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner
Rachel E Lee	Rachel E Lee
1352 Terrapin Ridge Road	1352 Terrapin Ridge Road
Catawba, NC 28609	Catawba, NC 28609
Mobile: (304) 767-8895	Mobile: (304) 767-8895

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	30ftx19ftx24ft Total Heated Square Feet: 650	What are the proposed structures	Accessory Building, New Single Family Residence
If other Addition/Structure, please explain	Plans to construct this current building as primary with plans to convert to accessory building (per Rebecca)	Maximum Number of Bedrooms	1	Number of Occupants	2
Foundation Type	Crawl Space Foundation	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	9.26
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Oct 19 2022 12:00AM	Zoning Permit Expiration Date	Apr 17 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
Zoning Notes/Addendums	this is actually for a single family dwelling(they will be living in this one until they build their house so setbacks would be for an new house)	Additional Unique Setbacks Apply	No	Watershed	WSIV PA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Rachel_Lee_10/18/2022.jpg	10/18/2022 18:03	Lee, Rachel		Uploaded via CSS
Site Plan_v1.pdf	10/19/2022 10:07	Hart, Ronda	Available Online	Site Plan
TapScanner-10-18-22_v1.pdf	10/19/2022 10:07	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
2022-30796	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	10/28/2022			10/28/2022 8:40	10/28/2022 8:40

Inspectors: Kobuck, Teanna (Primary)

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

PERMIT SNAPSHOT REPORT (OSWP-2022-7330)

		checklist item			
2022-38840	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/22/2022	11/22/2022 16:38	11/22/2022 16:38

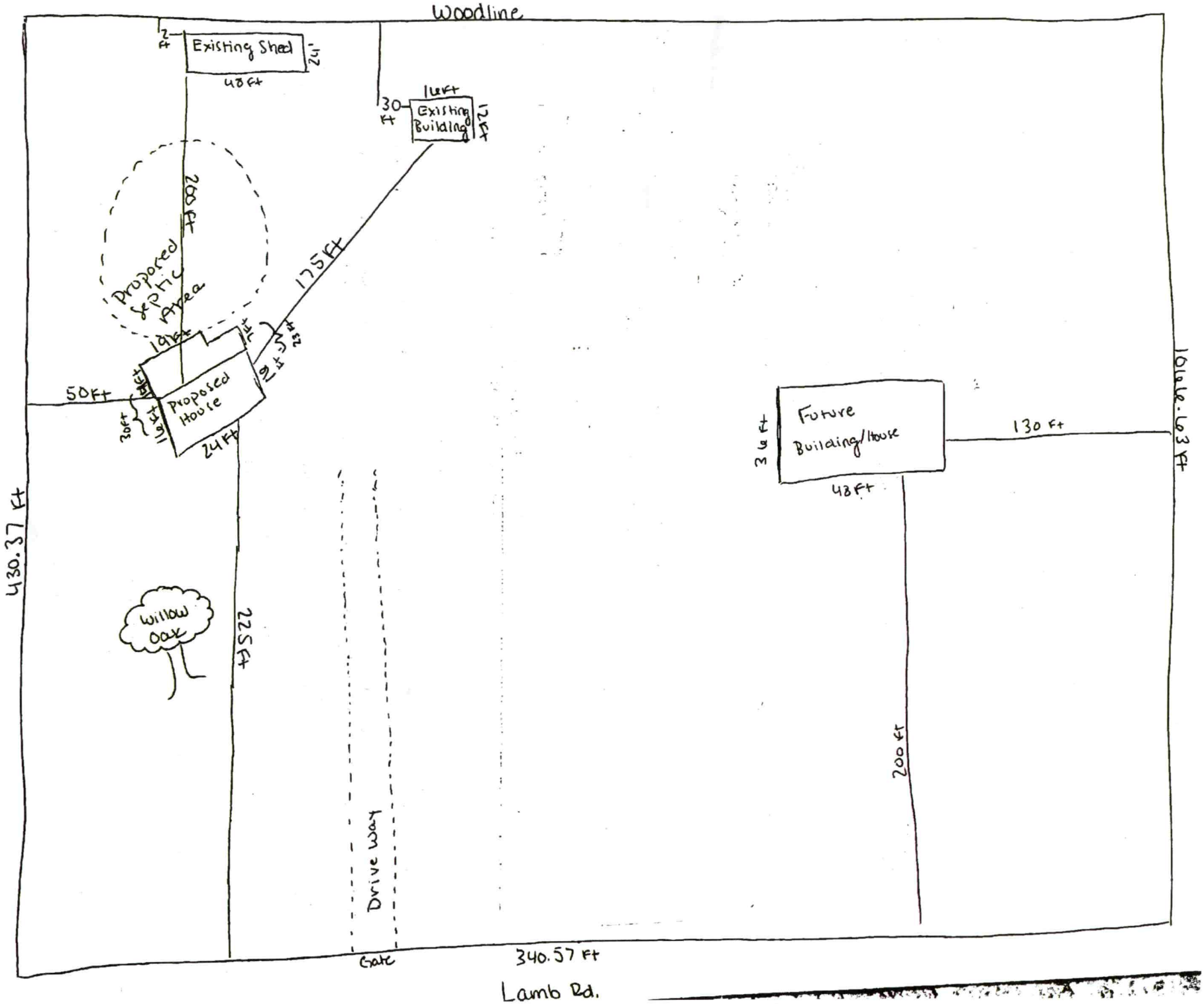
Inspectors: Kobuck, Teanna (Primary)

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

Note	Created By	Date and Time Created
1. Spoke w/ Rachel this morning who confirmed that they plan to live in the proposed building until they construct their desired primary residence. At that point, they plan turn the current proposed building into an accessory building.	Teanna Kobuck	11/22/2022 9:47

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00003938	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-00003938	$577.25	$577.25
INV-00004415	Site Revisit		$100.00	$100.00
		Total for Invoice INV-00004415	$100.00	$100.00
		Grand Total for Permit	**$677.25**	**$677.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/19/2022 0:00	10/19/2022 10:08
Confirm application complete v.1	Generic Action		10/19/2022 10:08
Fees v.1		10/19/2022 0:00	10/25/2022 9:33
Issue Invoice v.1	Generic Action		10/19/2022 10:34
Fees Paid v.1	Generic Action		10/25/2022 9:33
Zoning Review v.1		10/19/2022 0:00	10/25/2022 9:33
Iredell County Zoning Approval v.1	Task	10/19/2022 0:00	10/25/2022 9:33
Issue Invoice v.1	Generic Action		10/19/2022 10:34
Fees Paid v.1	Generic Action		10/25/2022 9:33
Fees v.1		10/31/2022 0:00	11/22/2022 16:38
Issue Invoice v.1	Generic Action		10/31/2022 8:42
Fees Paid v.1	Generic Action		11/22/2022 16:38
Lot Readiness Verification v.1		10/31/2022 0:00	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/31/2022 0:00	10/31/2022 8:41
OSWP Septic Preliminary Site Visit v.2	Inspection	11/22/2022 0:00	11/22/2022 16:39
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		


Woodline
2 Ft
Existing Shed
24'
48 Ft
30 Ft
14 Ft
Existing Building
12 Ft
200 Ft
Proposed Septic Area
175 Ft
19 Ft
2 Ft
2 Ft
2 Ft
50 Ft
Proposed House
30 Ft
14 Ft
24 Ft
430.37 Ft
225 Ft
Willow Oak
Drive way
Gate
340.57 Ft
Lamb Rd.
Future Building/House
34 Ft
48 Ft
130 Ft
200 Ft
1016.63 Ft