ICHD - ENVIRONMENTAL HEALTH DIVISION

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

SW

BLDR - 2024 - 57173

PERMIT : OSWP - 2024-48152

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

PIN # 4843 - 16 - 0635

APPLICANT/OWNER: LINDA MANN

APPLICANT ADDRESS: 135 JENKINS ROAD, STATESVILLE, N.C. 28625

SITE ADDRESS: 392 CURT ROAD, UNION GROVE, N.C. 28689

PHONE: 618-741-4479

ALT. PHONE 704-500-5625

SITE DIRECTIONS: (N) ON 77, (L) ON 901, (R) ON WARREN BRIDGE, (L) ON CURT, LOT ON (L)

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: —

SECTION: —

LOT # —

LOT AREA: 30.77AC

DESIGN FLOW: 360 GPD

L.T.A.R.(Initial): 0.3

L.T.A.R (Repair): 0.3

Septic Tank	1000 (gal)	STB	160	Date	7-11-2024	☑ 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)	32IN	*Max. Trench Depth(Repair)	32IN	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

* Measured on the downhill side of the trench

Effluent Standard: ☑ OSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

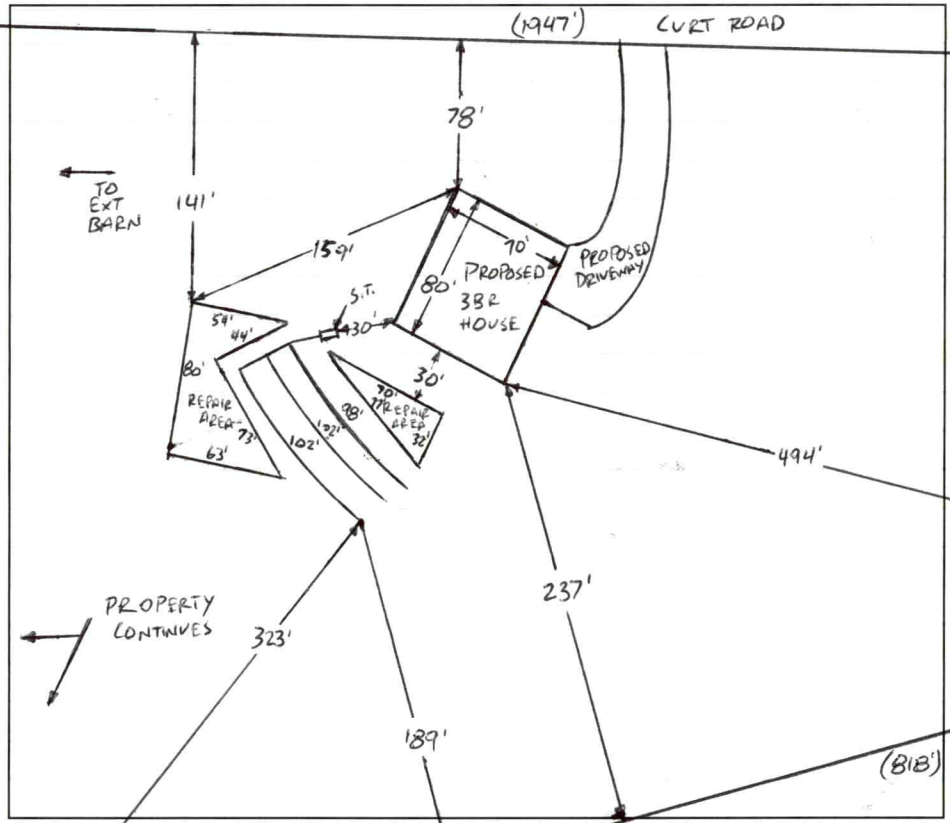
Usable Depth to LC (Initial): 42 IN

Usable Depth to LC (Repair): 42 IN

Limiting Condition

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH (HIGH SIDE), PRE-CONSTRUCTION MEETING RECOMMENDED (CALL 704-902-0273)

INITIAL SITE SKETCH



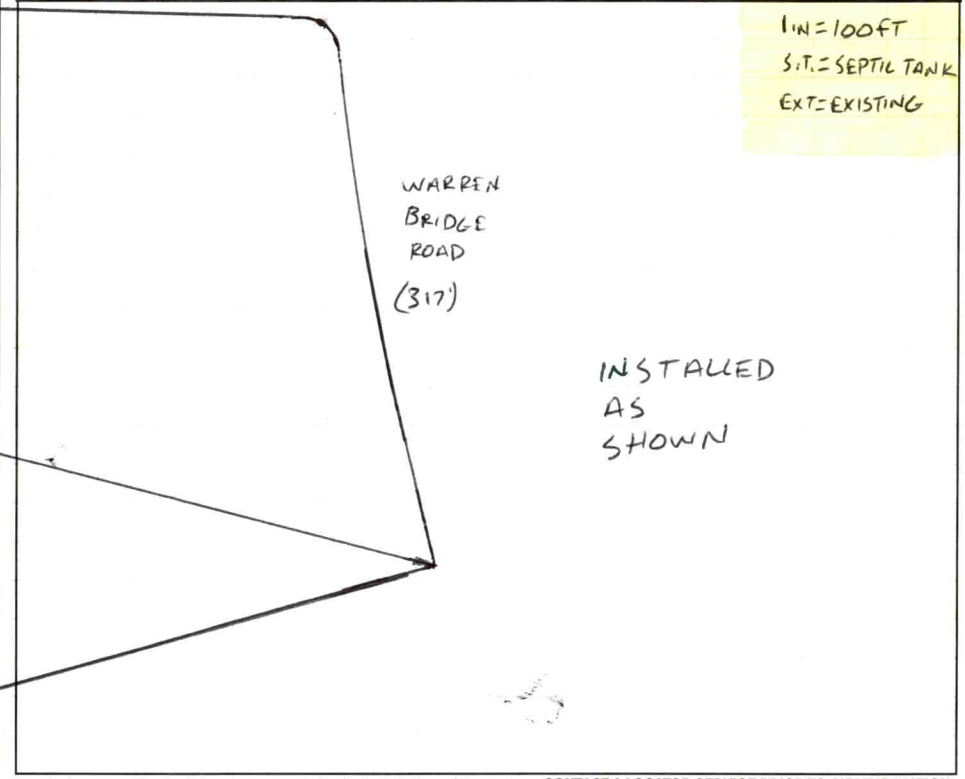
AS BUILT SKETCH

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 = 100 FT

S.T. = SEPTIC TANK

EXT = EXISTING



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: RYAN BYERS

IMPROVEMENT PERMIT by: Bryant C. White Date: 5-20-2024 OPERATION PERMIT by: Bryant C. White Date: 9-25-2024

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 5-21-2024 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

PROPERTY ID #: 4843-16-0635
COUNTY: IREDELL

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: LINDA MANN DATE EVALUATED: 5-2-2024
ADDRESS: 135 JENKINS ROAD, STATESVILLE, N.C. 28625
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360GPD PROPERTY SIZE: 39.77 AC
LOCATION OF SITE: 392 CURT ROAD, UNION GROVE, N.C. 28689 PROPERTY RECORDED: YES
WATER SUPPLY: ✓ Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: 50FT
EVALUATION METHOD: Auger Boring ✓ Pit Cut TYPE OF WASTEWATER: ✓ Domestic High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LINEAR SIDE 4%	0-9	FILL MIXED ~~CLEARING~~		SAP INC THRU OUT FEW FI 52"+	57"+	NA	NA	PS .3	1.75
		9-35	C, SBK	FR, S, P, SEXP						
		35-57	CL, WSBK	FR, SS, SP, ~~SEP~~						
2	LINEAR SIDE 5%	0-8	FILL MIXED CLEARING		SAP INC THRU OUT	58"+	NA	NA	PS .3	2"
		8-30	C, SBK	FR, S, P, SEXP						
		30-58	CL, WSBK	FR, SS, SP, ~~SEP~~						
3	LINEAR SIDE 6%	0-11	FILL MIXED CLEARING		SAP INC THRU OUT	58"+	NA	NA	PS .3	2.25"
		11-37	C, SBK	FR, S, P, SEXP						
		37-58	CL, WSBK	FR, SS, SP, SEXP						
4	LINEAR SIDE 4%	0-11	FILL MIXED CLEARING		SAP INC THRU OUT COMMON FI @ 53"	54"+	NA	NA	PS .3	1.75"
		11-35	C, SBK	FR, SI, P, SEXP						
		35-54	CL, WSBK	FR, SS, SP, SEXP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25% REDUCTION	25% REDUCTION
Site LTAR	0.3	0.3
Maximum Trench Depth	32 IN	32 IN

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Bryant C. Miller
OTHER(S) PRESENT:

Comments:

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	**MOIST**	**WET**	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH In inches below natural soil surface

DEPTH OF FILL In inches from land surface

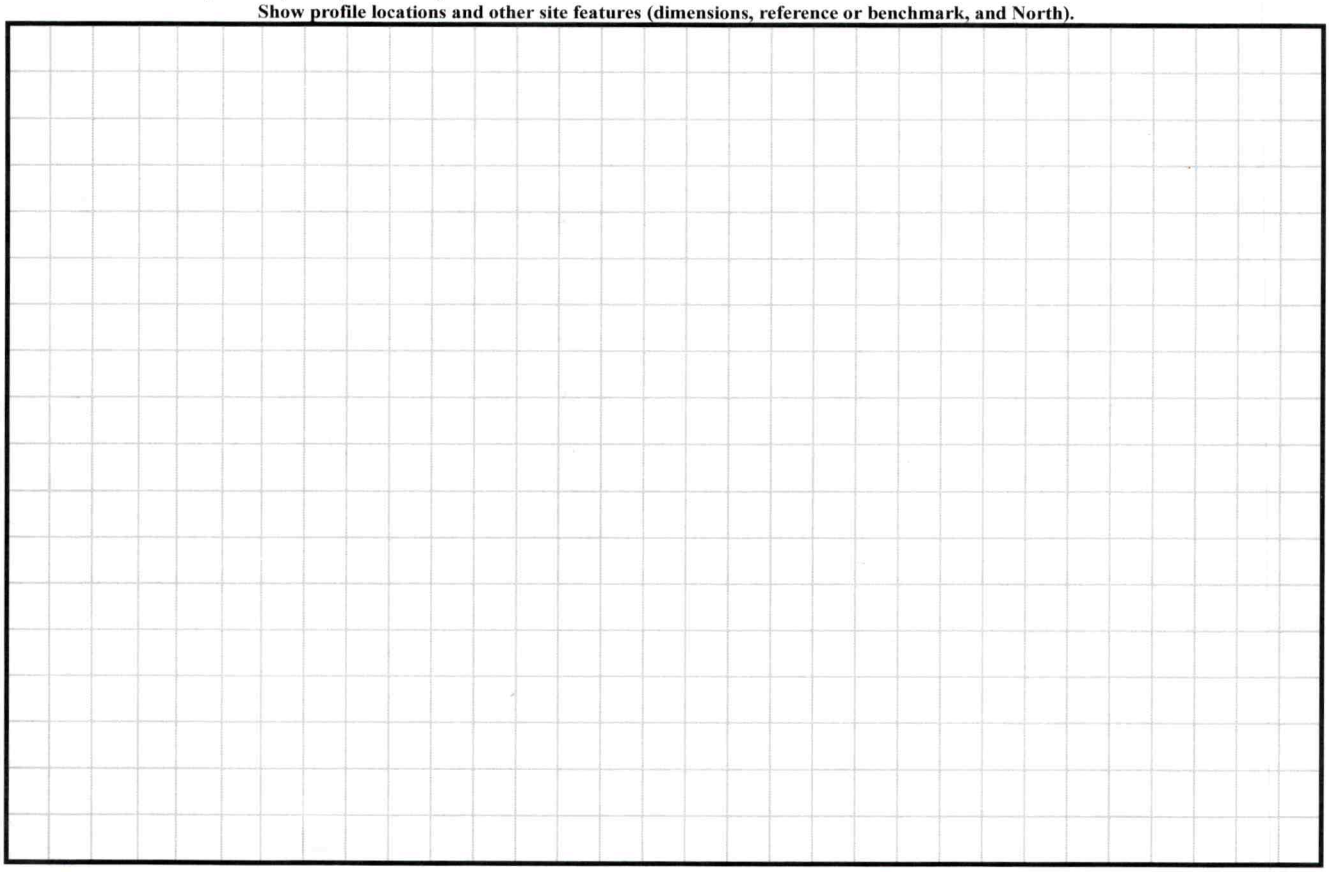
RESTRICTIVE HORIZON Thickness and depth from land surface

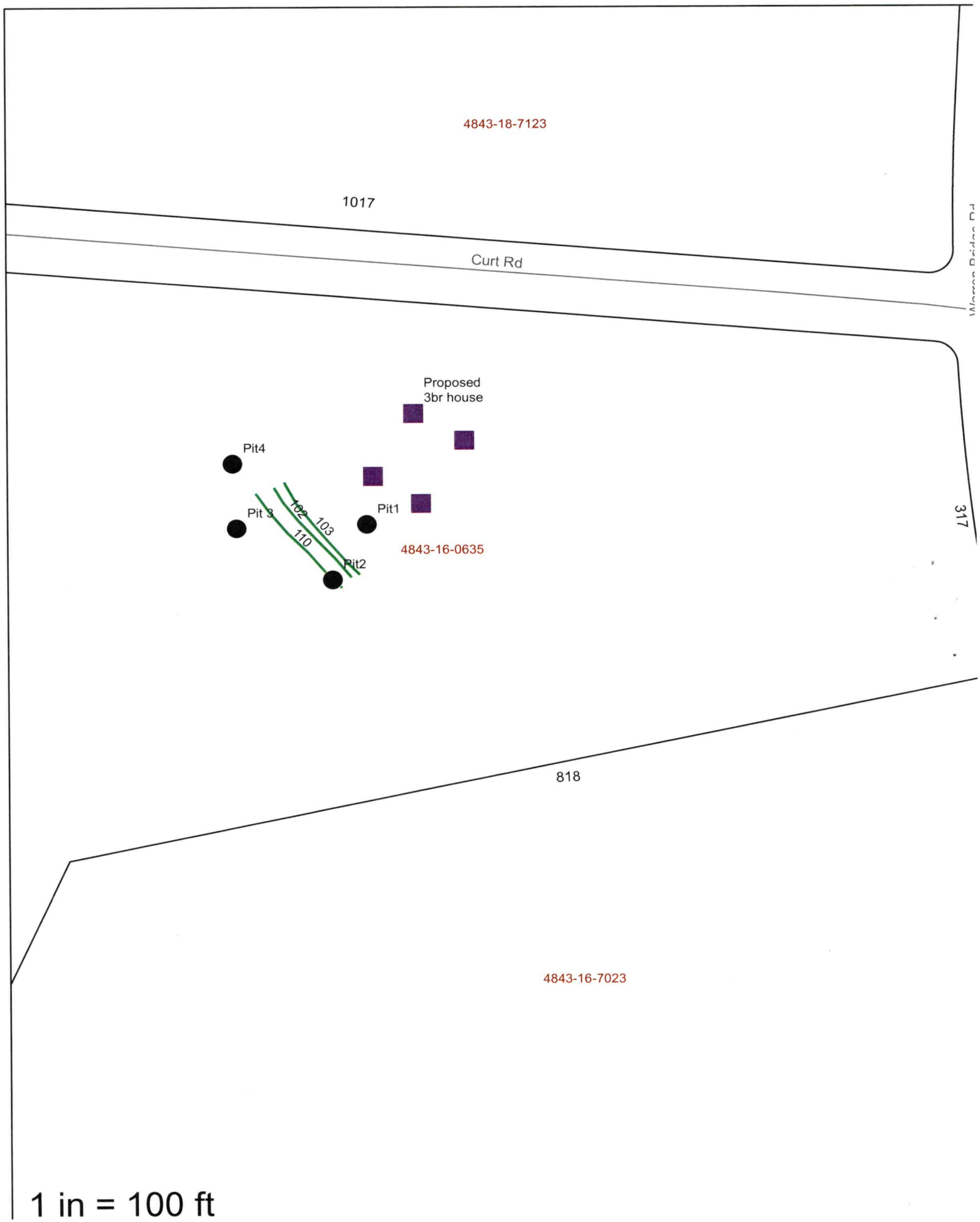
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

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) or U (Unsuitable)

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




4843-18-7123
1017
Curt Rd
317
Proposed
3br house
Pit4
Pit 3
Pit1
Pit2
102
103
110
4843-16-0635
818
4843-16-7023
1 in = 100 ft

PERMIT SNAPSHOT REPORT OSWP-2024-48152 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	02/28/2024
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: new septic PLEASE CONTACT KEN BYERS TO SCHEDULE PITS AT 704.746.7083. Ken will be digging the for the perc test. Site ready 4/24/20 -BM

Parcel: 4843160635.000 Main	**Address:** 392 Curt Rd Union Grove, NC 28689 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent	Applicant/Authorized Agent	Property Owner
Corey Kent	Linda D Mann	Linda Mann
Mobile: (704) 500-5625	135 Jenkins road STATESVILLE, NC 28625 Mobile: (618) 741-4479	Home: (618) 741-4479

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	30 ft. x 76ft.
What are the proposed structures	New Single-Family Residence - Modular	Type of New Single-Family Residence	Modular	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Concrete Slab Foundation
Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)	Lot Acreage	39.77
Front Setback	35	Back Setback	35	Left Setback	25
Right Setback	15	Zoning Permit Issued Date	Apr 22 2024 12:00AM	Zoning Permit Expiration Date	Oct 19 2024 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	WSIII BOW HUNTING CREEK		

Type of Hold	Created By	Date Created	Hold Origin	Comments	Active
Awaiting Additional Documents	Julia Bailey	02/29/2024 11:13	OSWP-2024-48152	site plan must include all current structures and setback measurements	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Linda_Mann_2/29/2024.jpg	02/28/2024 20:13	Mann, Linda		Uploaded via CSS
New-Scan_0002_v1.pdf	04/22/2024 8:31	Mann, Linda	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-208560	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	04/24/2024	04/23/2024 0:00	04/23/2024 0:00	04/24/2024 7:44	04/24/2024 7:44

Inspectors: Moore, Bradley (Primary)

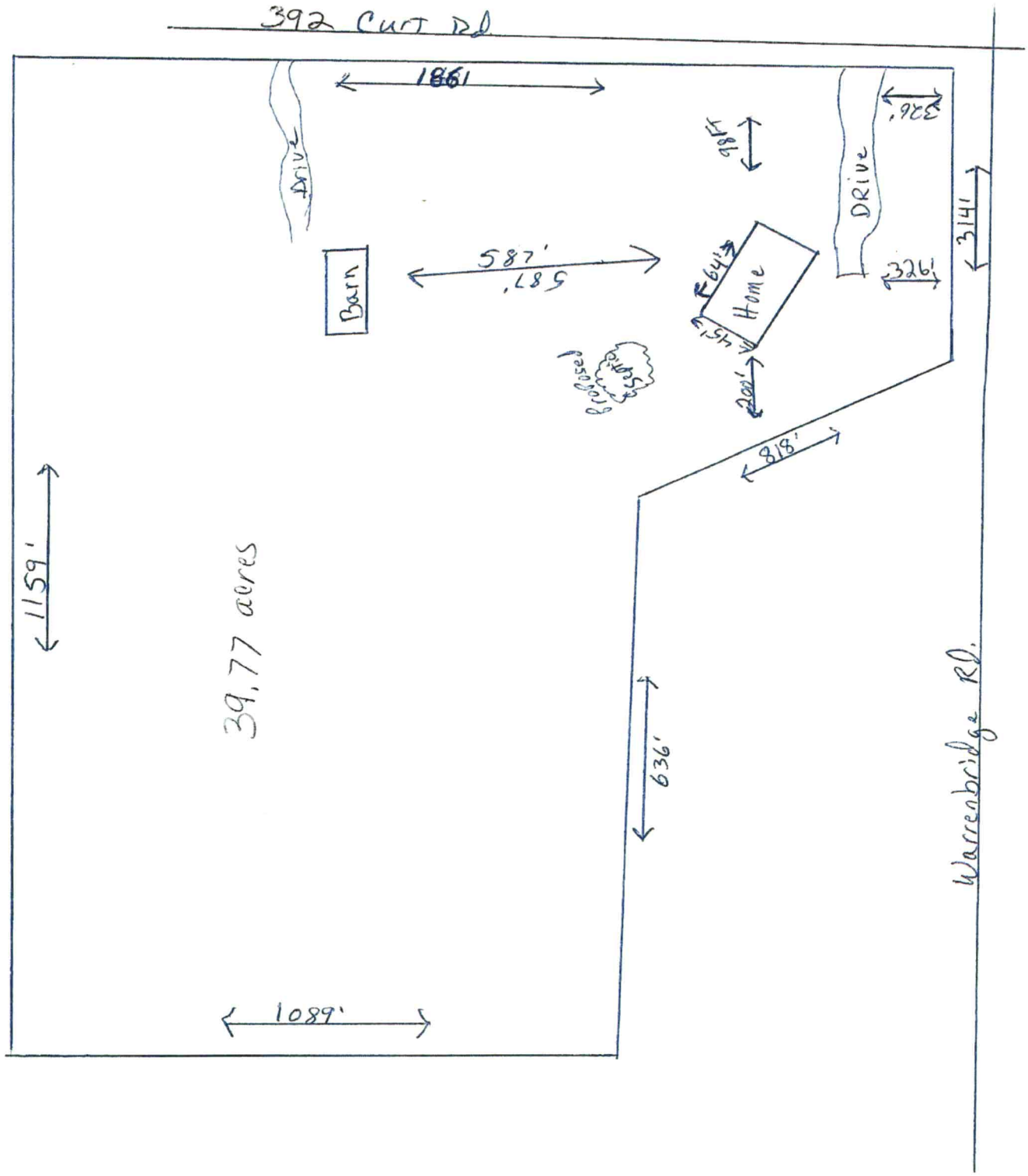
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

PERMIT SNAPSHOT REPORT (OSWP-2024-48152)

Note	Created By	Date and Time Created
1. asking the customer if the current structure on the property has living quarters	Julia Bailey	02/29/2024 8:28

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00029885	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00029885	$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		02/29/2024 7:38	02/29/2024 7:39
Confirm application complete v.1	Generic Action		02/29/2024 7:39
Fees v.1		04/22/2024 15:13	04/22/2024 15:13
Issue Invoice v.1	Generic Action		04/22/2024 15:13
Fees Paid v.1	Generic Action		04/22/2024 15:13
Zoning Review v.1		04/22/2024 8:34	04/22/2024 15:13
~~Floodplain Admin Overview v.1~~	Task		04/22/2024 8:34
Iredell County Zoning Approval v.1	Task	04/22/2024 8:34	04/22/2024 8:34
Issue Invoice v.1	Generic Action		04/22/2024 8:34
Fees Paid v.1	Generic Action		04/22/2024 15:13
Lot Readiness Verification v.1		04/24/2024 7:44	
OSWP Septic Preliminary Site Visit v.1	Inspection	04/24/2024 7:44	04/24/2024 7:44
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		


392 CUT Rd
1861
Drive
98Ft
326'
DRive
314'
Barn
587'
587'
64'
Home
Proposed Septic
20'
818'
1159'
39,77 acres
636'
Warrenbridge Rd.
1089'