CW

BLDR-2023-33702

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # RELAY-2023-19723

PIN # 3783-45-4515

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

APPLICANT / OWNER: Christopher Sparks | APPLICANT ADDRESS: 4495 Needmore RD, Woodleaf, NC 27054

SITE ADDRESS: 404 LOOKOUT DAM RD, STATESVILLE, NC 28625 | PHONE: (704) 798-0701 | ALT. PHONE: —

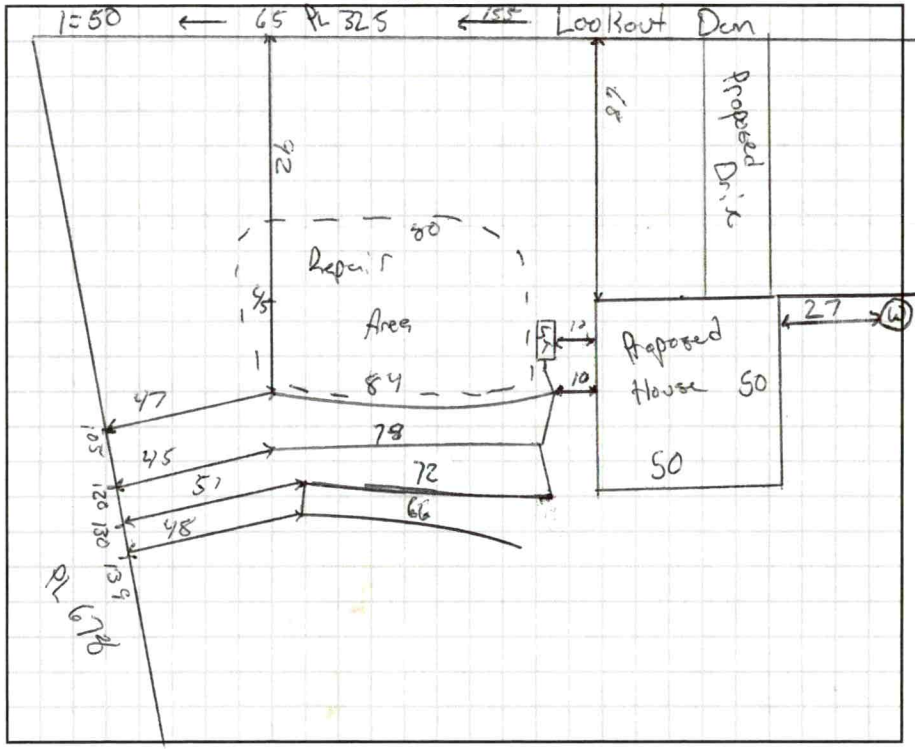
SITE DIRECTIONS: I-40 W | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: River Rock Farms | SECTION: — | LOT #: TRACT 7 | LOT AREA: 4.009 AC | DESIGN FLOW: 360 | L.T.A.R.: .3

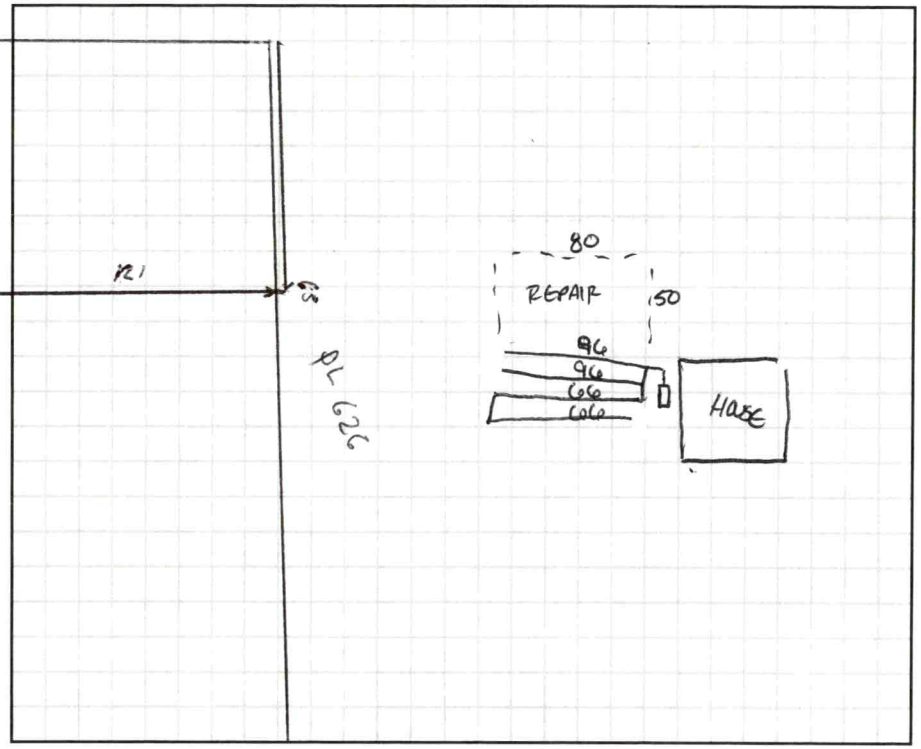
Septic Tank: (gal) 1000	STB: 760	Date: 3/17/24	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: Existing Well
Pump Tank: (gal)	PT:	Date:	System Description: 25% Reduction - Speednet		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: 50% Reduction - PM		☐ Other	No. Employees: 0	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 300	Maintenance Agreement Required: ☐ YES ☑ NO		☑ Slab	☐ Crawl Space	
Trench Width: 36in	Trench Bottom Depth (Low Side): 28 in max		Gravel Depth: N/A	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions:

INITIAL SITE SKETCH



AS BUILT SKETCH



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: Christopher Nathaniel Sparks | Date: —

IMPROVEMENT PERMIT by: Matt Winn | Date: 4/20/23

AUTHORIZATION TO CONSTRUCT by: Matt Winn | Date: 4/25/23

Installed By: Andrew Daywalt

OPERATION PERMIT by: Sarah Williams | Date: 5/20/24

Existing System Inspected By: | Date:

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

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

Sheet 1 of 1
PROPERTY ID #: 3785345515
COUNTY: Iredell

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

OWNER: Brian Dillon
ADDRESS: 404 Lookout
PROPOSED FACILITY: SFR
LOCATION OF SITE: 404 Lookout Dam Rd
APPLICATION DATE: 10/25/22
DATE EVALUATED: 11/17
PROPERTY SIZE: 4AC
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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 14%	0-20	CL/SBK	SPfr SE	-	48	Heavy Sap inclusions 35-48	Rock throughout CL	PS .35
		20-48	CL/SBK	SSSPfr SE					
		48-60	SAP/M	fr					
2	LS 12%	0-14	C/SBK	SPfr SE	-	40	Sap begin in CL	-	PS .35
		14-40	CL/SBK	SSSPfr SE					
		40-72	Sap/M	fr					
3	LS 10%	0-9	SL/Gr	NS NP fr SE	-	48	Heavy Sap inclusions at 40	Rock Patch lowered at 33	PS .35
		9-24	C/SBK	SPfr SE					
		24-48	CL/SBK	SSSPfr SE					
4	LS 10%	0-6	SCL/SBK	NS NP fr SE	-	54	Sap inclusions begin at 42	-	PS .3
		6-30	C/SBK	SPfr SE					
		30-54	CL/SBK	SPfr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	240	240
System Type(s)	25%	25%
Site LTAR	.3	.35

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

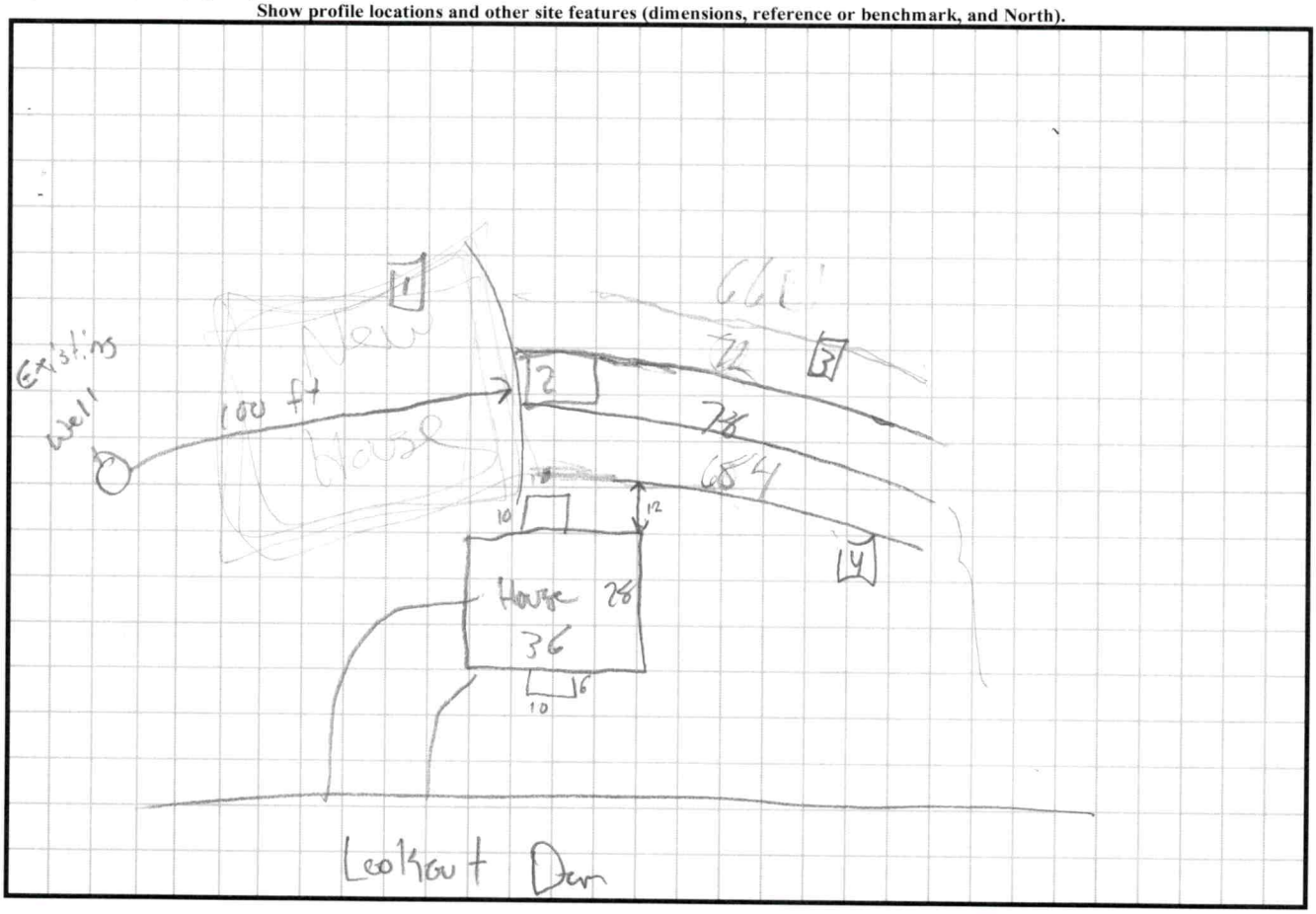
NOTES

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).



100 ft off house

Initial Sep controlled

Repair not Sep controlled