ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-27639

PERMIT # 2023-15883

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

PIN # 4747 -- 57 -- 6157

APPLICANT/OWNER: Sara Purvis

APPLICANT ADDRESS: 1995 S US Hwy 29, China Grove

SITE ADDRESS: 876 Whites Farm Rd, Statesville 28625

PHONE: 919-814-8258

ALT. PHONE -

SITE DIRECTIONS: 21N - Jennings - Whites Farm

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: -

SECTION: - LOT # - LOT AREA: 1.0894 acres

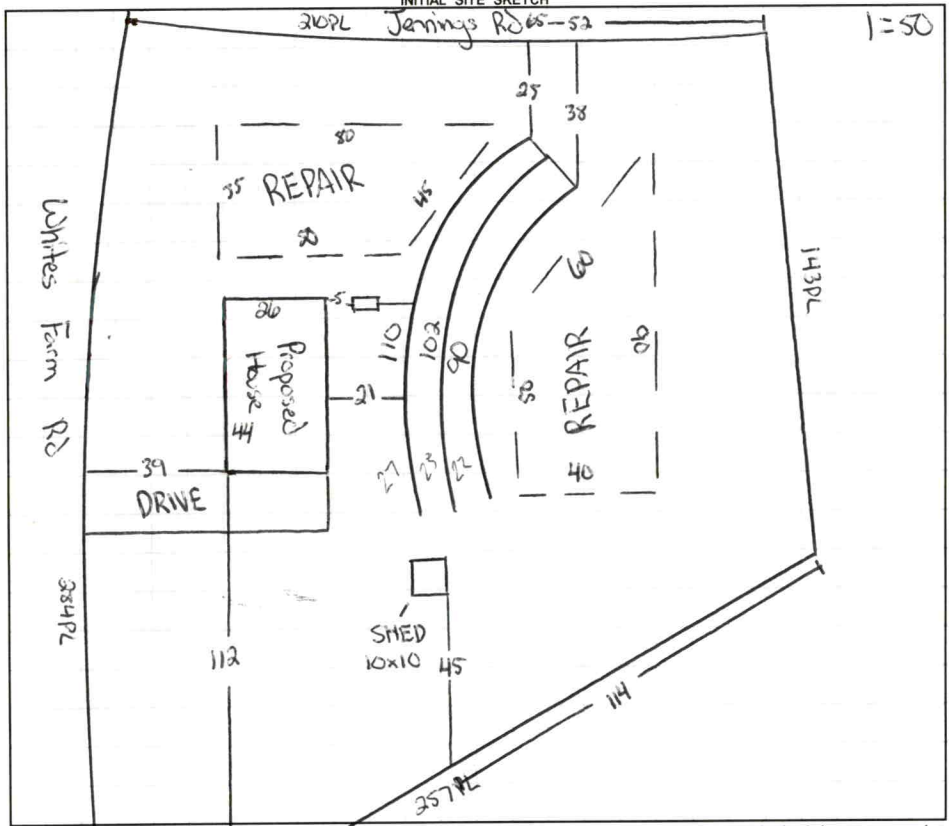
DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	Infiltrator	Date		☒ 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:	50% reduction			
# Nitrification Fields	1		# Lines	3	Linear Ft	300'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36in		Trench Bottom Depth ~~(Low side)~~		36" max		Gravel Depth	-	☒ GRAVITY	☐ PRESSURE	

☒ Residence	No. Bedrooms	3	**Water Supply**
☐ Business	No. Persons	6	☐ Private
☐ Other	No. Employees		☒ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install lines on contour with the land. Do not grade, park, or drive septic area Install on 9' centers.

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.

Installed as drawn

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: Hoeing Around Excavation LLC

IMPROVEMENT PERMIT by: Cary Wil Date: 3/31/23

OPERATION PERMIT by: Matt Wilkie Date: 11/8/23

AUTHORIZATION TO CONSTRUCT by: Cary Wil Date: 3/31/23

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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4747576157
COUNTY: Iredell

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

OWNER: Sara Purvis
ADDRESS: 1995 S US Hwy 29, China Grove
PROPOSED FACILITY: 3 bd/r home
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 876 Whites Farm Rd

APPLICATION DATE 2/8/23
DATE EVALUATED: 3/29/23
PROPERTY SIZE: 1.0894 acres
PROPERTY RECORDED: yes

WATER SUPPLY: Private X Public Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut
TYPE OF WASTEWATER: X 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	Linear 2%	0 - 30	C SBK	SS SP FR SE	–	49	–	–	.3 PS
		30 - 49	CL SBK	SS SP FR SE					
2	Linear 3%	0 - 31	C SBK	SS SP FR SE	–	48	–	–	.3 PS
		31 - 48	CL SBK	SS SP FR SE					
3	Linear 3%	0 - 26	C SBK	SS SP FR SE	–	48	–	–	.3 PS
		26 - 48	CL SBK	SS SP FR SE					
4	Linear 2%	0 - 32	C SBK	SS SP FR SE	–	48	–	–	.3 PS
		32 - 48	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.3

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

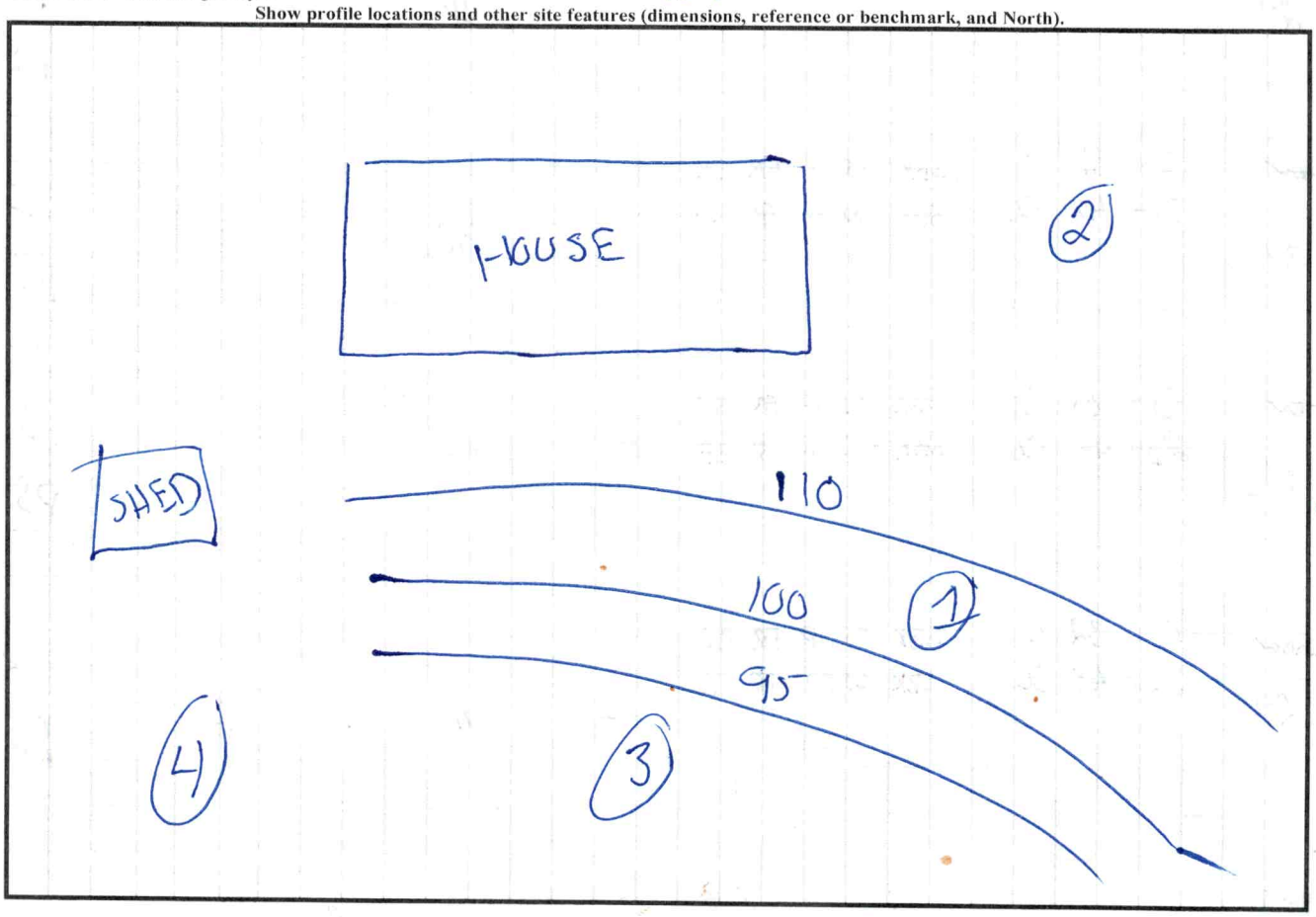
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

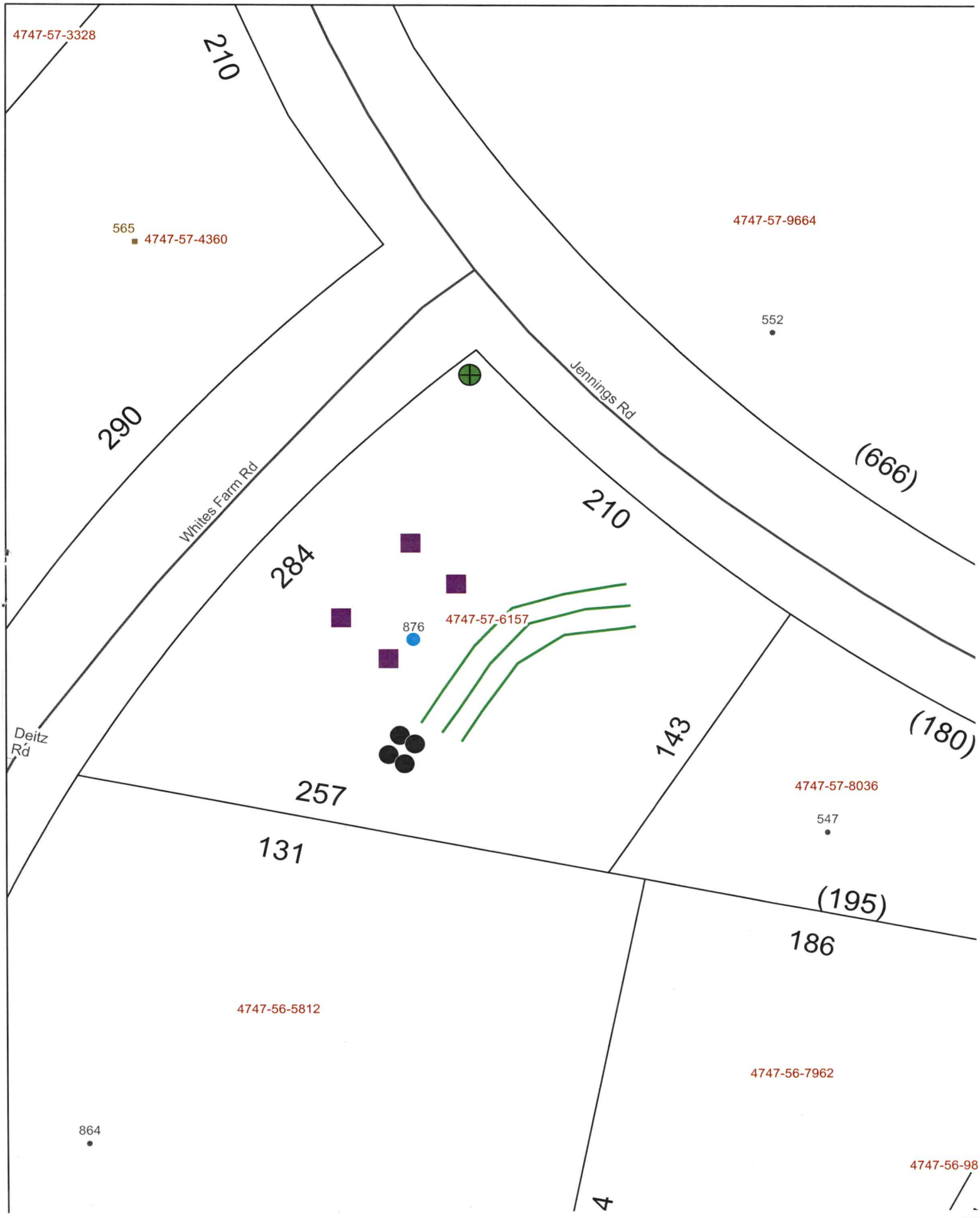
Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

White Form

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




4747-57-3328
210
565
4747-57-4360
4747-57-9664
552
Jennings Rd
290
Whites Farm Rd
(666)
210
284
876
4747-57-6157
Deitz Rd
143
(180)
257
4747-57-8036
547
131
(195)
186
4747-56-5812
4747-56-7962
864
4747-56-98
4

PERMIT SNAPSHOT REPORT OSWP-2023-15883 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Description:

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Whicker, Cory

App Date: 02/08/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4747576157.000 Main
Address: 876 Whites Farm Rd Statesville, NC 28625 Main
Zone: R-20(Suburban Residential District)

Property Owner
Gina Fritz
Home: (919) 614-8258

Applicant/Authorized Agent
Sara Purvis
1995 S US Hwy 29
China Grove, NC 28023

Permit Custom Fields

All proposed structure dimensions	26' x 44' for home	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	6	If other septic system type, please explain		Lot Acreage	1.0894
Front Setback	35	Back Setback	35	Left Setback	25
Right Setback	15	Zoning Permit Issued Date	Feb 13 2023 12:00AM	Zoning Permit Expiration Date	Aug 12 2023 12:00AM
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Sara_Purvis_2/8/2023.jpg	02/08/2023 9:34	Purvis, Sara		Uploaded via CSS
initial site sketch_v1.pdf	02/08/2023 10:33	Nebel, Barbara	Available Online	Site Plan
Boone floorplan_v1.pdf	02/13/2023 8:41	Bailey, Julia	Available Online	Floor Plan(s)
Scanned Documents_2023_2_10_18_8_28_5461_v1.pdf	02/13/2023 8:41	Bailey, Julia	Initial Site Sketch	Initial Site Sketch
Septic Permit- owner Auth._v1.pdf	02/13/2023 8:41	Bailey, Julia	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
2023-63856	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	02/20/2023			02/21/2023 8:32	02/21/2023 8:32

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. 2/15--Gina relayed that PC irons found, PLs flagged and HB staked. Shed area not yet staked at this time. Will call back once ready. 2/20--Upon submittal of survey, we need to have Gina survey stake the R/Ws along both Whites Farm and Jennings as well as locate the rear PCs (survey spike set in the gravel driveway & drive shaft). Then also flag right and rear PLs if cannot see from corner to corner. 2/21--Relayed message to Gina who will plan to have surveyor do the work and call back once ready.	Teanna Kobuck	02/15/2023 10:15

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00009095	New Gravity System	$500.00	$500.00

North

Stanways Rd

Proposed septic area

100 ft

100 ft

26'

Shed

Proposed House

44'

Driveway

Whites Farm Rd