ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2023-12710

SB MANF-2023-17684

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

PIN # 4740 -- 29 -- 0603

APPLICANT/OWNER: Freedom Homes APPLICANT ADDRESS: 1124 Charlotte Hwy, Troutman

SITE ADDRESS: 317 Autumn Leaf Rd, Troutman 28166 PHONE: 704-881-2326 ALT. PHONE 704-902-3724

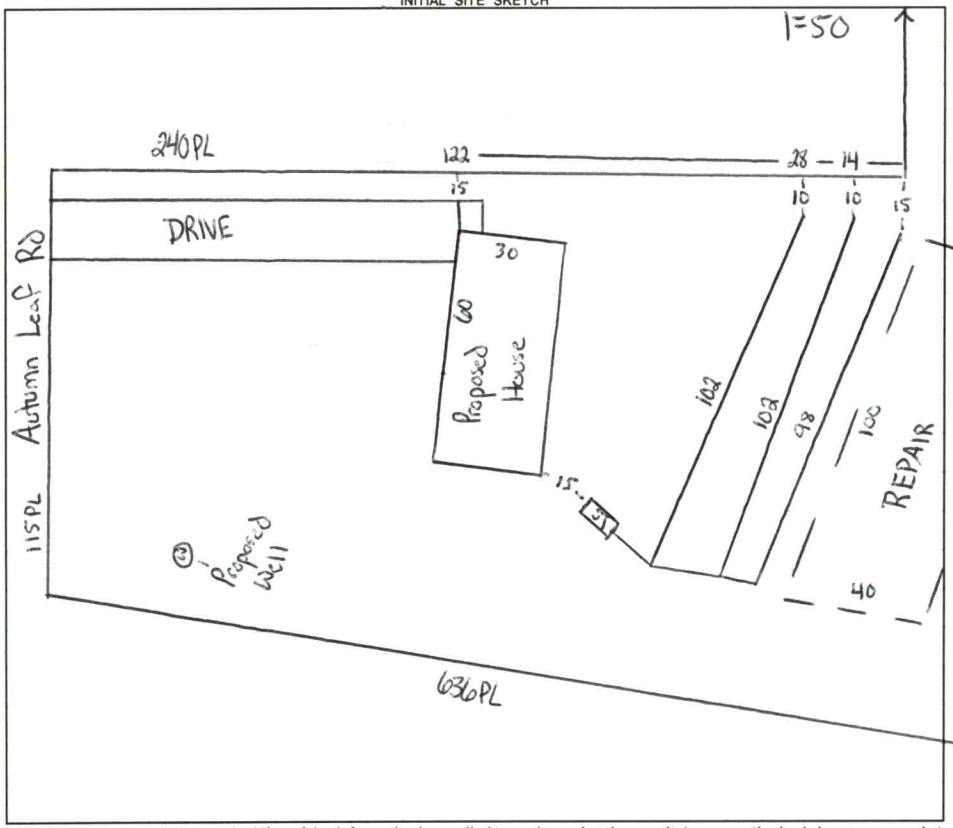
SITE DIRECTIONS: 21/115 S - Autumn Leaf SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 7.83 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date	3/1/23	[X] New System	[ ] Repair	[ ] Expansion	System Type: I II (III) IV V VI	[X] Residence	No. Bedrooms 3	Water Supply
Pump Tank		(gal)	PT	Date		System Description:	25% reduction			[ ] Business	No. Persons 6	[X] Private
Pump Make		Model		Serial #		Repair System Description:	25% reduction			[ ] Other	No. Employees	[ ] Public
# Nitrification Fields	1	# Lines	3	Linear Ft	300'	Maintenance Agreement Required:	[ ] YES	[X] NO		[ ] Slab	[X] Crawl Space	[ ] Community
Trench Width	36"	Trench Bottom Depth ~~(Low side)~~	36" max	Gravel Depth	-	[X] GRAVITY	[ ] PRESSURE			[ ] Basement w/plumbing	[ ] Basement w/o plumbing	

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

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.* [X] **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Online Signature Date: Installed by: Frye Grading

IMPROVEMENT PERMIT by: Cary Whil Date: 2/2/23 OPERATION PERMIT by: Cary Whil Date: 4/13/23

AUTHORIZATION TO CONSTRUCT by: Cary Whil Date: 2/2/23 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 #: 4740290663
COUNTY: Iredell

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

OWNER: Freedom Homes
APPLICATION DATE 1/3/23
ADDRESS: 1124 Charlotte Hwy, Troutman
DATE EVALUATED: 2/1/23
PROPOSED FACILITY: 3 bd/r home
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 7.83 acres
LOCATION OF SITE: 317 Autumn Leaf Rd, Troutman
PROPERTY RECORDED: yes
WATER SUPPLY: Private Public X 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 8%	0-22	C SBK	SS SP SE FR	SAP INCL in	58 CL layer		-	PS 0.3
		22-58	CL SBK	SS SP SE FR					
2	Linear 7%	0-14	C SBK	SS SP SE FR	SAP @ 40"-54"	40		-	PS 0.35
		14-40	CL SBK	SS SP SE FR					
		40-54	L SAP M	NS NP SG VFR					
3	Linear 8%	0-22	C SBK	SS SP SE FR	SAP @ 46"-53"	53		-	PS 0.35
		22-46	CL SBK	SS SP SE FR					
		46-53	L SAP M	NS NP SE VFR					
4	Linear 9%	0-14	SCL SBK	SS SP FR SE	chroma 2 @ 40" 10 YR 6/2	52		-	PS 0.25
		14-30	C ABK	SS SP FR SE					
		30-52	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	.3	.25
Site LTAR	25%	~~40%~~ .25%

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cody Whicker
OTHER(S) PRESENT: Sarah Booker, Matt Wilkinson

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.

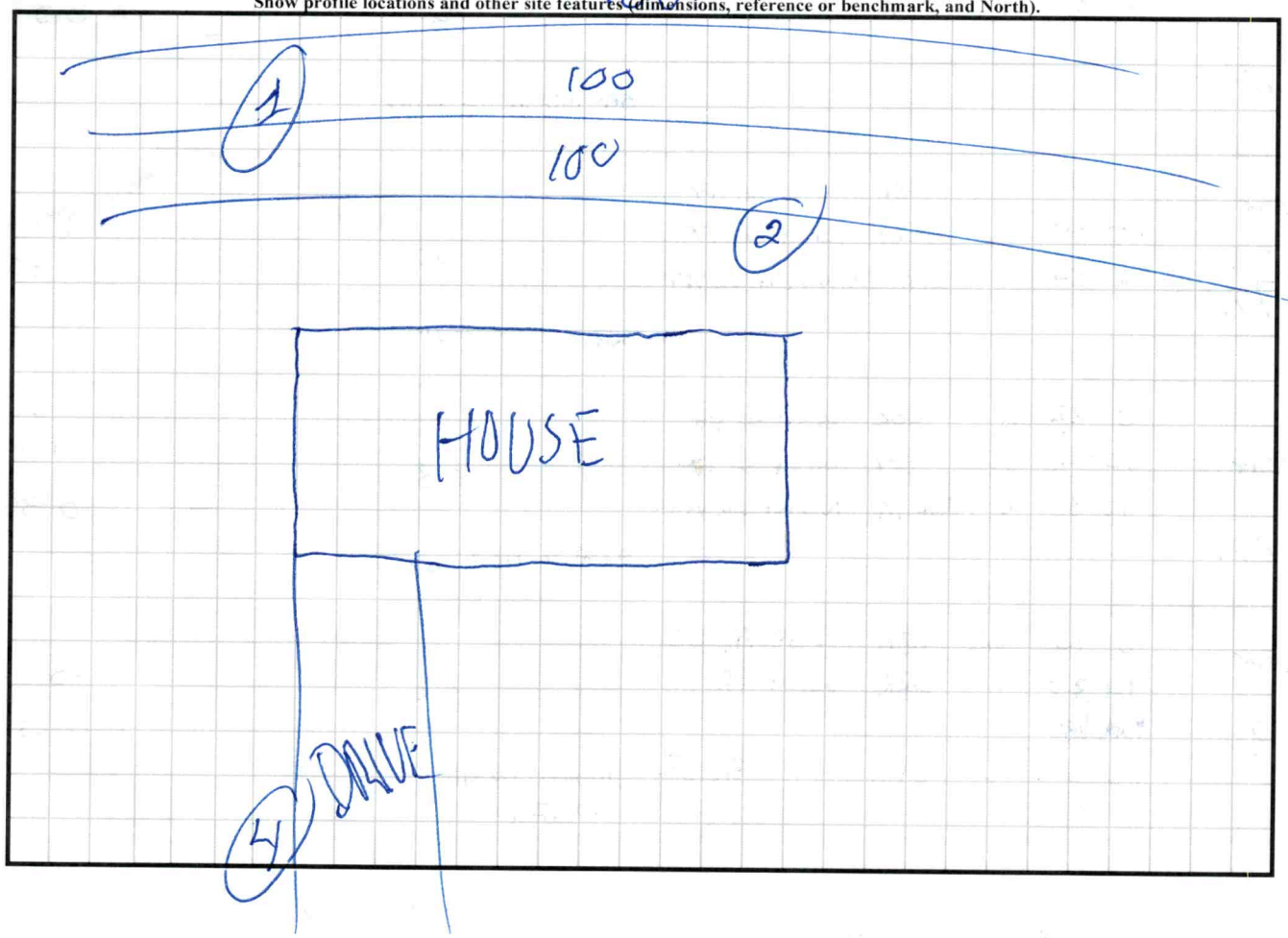
NOTES

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.

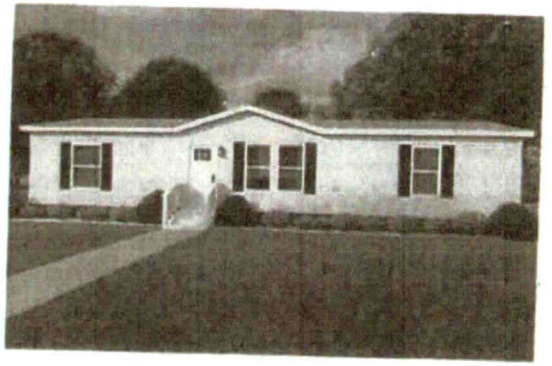
Long-term Acceptance Rate (LTAR): gal/day/ft^2

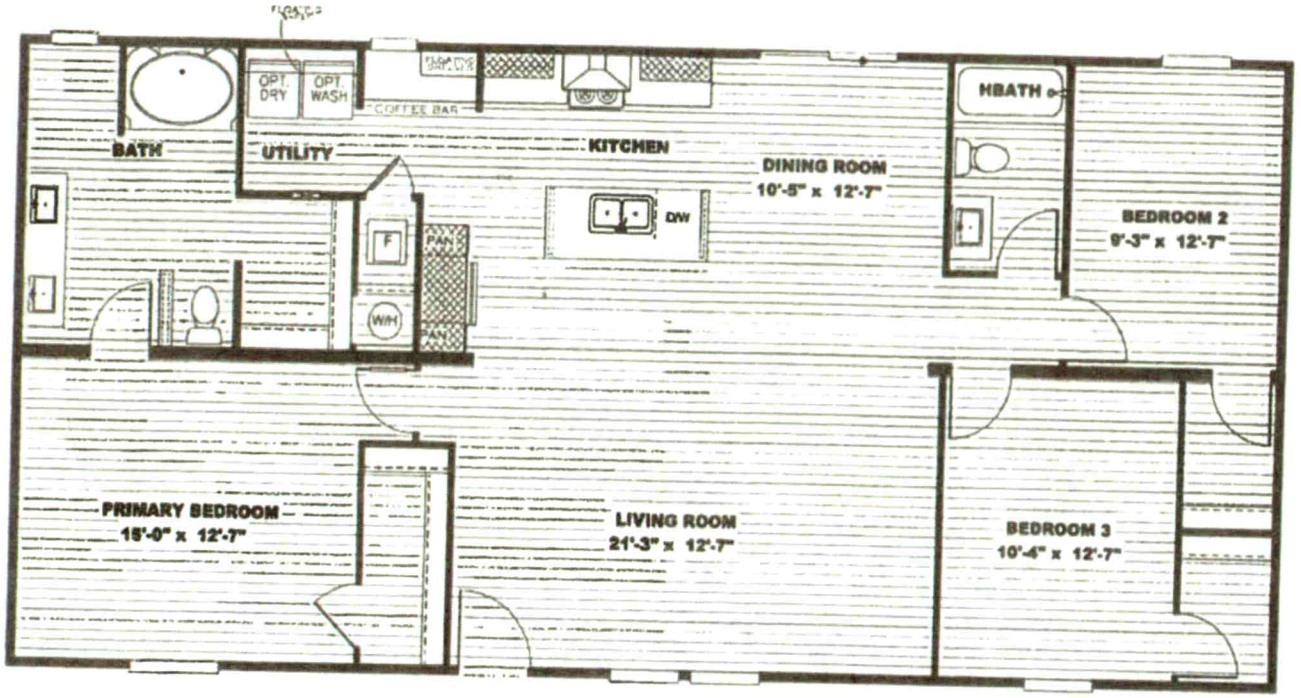
Show profile locations and other site features (dimensions, reference or benchmark, and North).











28x56
3 Bedroom

Kimberly Page 1-3-23

Cory White 2/2/23

PERMIT SNAPSHOT REPORT OSWP-2023-12710 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/03/2023
Work Class:	EH Septic Improvement Permit	**District:**	Troutman	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Whicker, Cory	**Approval Expire Date:**	

Description: **If site plan will not open, please see site plan under OSWP-2023-12712** INSTALLING A NEW 28X56 DOUBLE WIDE MOBILE HOME WITH NEW WELL AND NEW SEPTIC (ALSO NEED THE AC)

Parcel: 4740290663.000 Main	**Address:** 317 Autumn Leaf Rd Troutman, NC 28166 Main	**Zone:** RS(Suburban Residential District)

Applicant/Authorized Agent
FREEDOM HOMES-TROUTMA
#667- USE THIS ONE
FREEDOM
1124 CHARLOTTE HWY
TROUTMAN, NC 28166
Business: (704) 881-2326

Property Owner
TOMMY THOMPSON
Home: (704) 902-3724

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	28X56 DOUBLE WIDE MOBILE HOME WITH 6X6 FRONT AND 6X6 BACK DECKS	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	2
Foundation Type	Crawl Space Foundation	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Front Setback	25
Back Setback	25	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Jan 4 2023 12:00AM	Zoning Permit Expiration Date	Jul 3 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	Double-Wide Manufactured Home on individual lot is permitted per the UDO. Must meet Conditions of 3.4.22
Additional Unique Setbacks Apply	No	Watershed	WSIV PA CATAWBA/LAKE NORMAN		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_FREEDOM_HOMES-TROUTMAN_1/3/2023.jpg	01/03/2023 15:11	Kimberly Frye, Freedom Homes		Uploaded via CSS
THOMPSON AUTH TO ACT_v1.pdf	01/04/2023 11:27	Hart, Ronda	Available Online	Authorize to Act as Agent
THOMPSON PLOT PLAN_v1.pdf	01/04/2023 11:27	Hart, Ronda	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-54520	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	01/19/2023			01/19/2023 8:38	01/19/2023 8:38



Thompson

Plot plan