ICHD - ENVIRONMENTAL HEALTH DIVISION

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

MW

MANF-2024-51491

PERMIT: OSWP 2024-49311

PIN # 4759-32-6938

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

APPLICANT/OWNER: Freedom Homes

APPLICANT ADDRESS: 1124 Charlotte Hwy Troutman NC 28166

SITE ADDRESS: 561 Fairmont Rd Statesville NC 28625

PHONE: 704-881-2326

ALT. PHONE -

SITE DIRECTIONS: I-77 N to Tomkin Mill Rd on Fairmont Site on Right

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: -

SECTION: -

LOT #: -

LOT AREA: 1.8 AC

DESIGN FLOW: 360

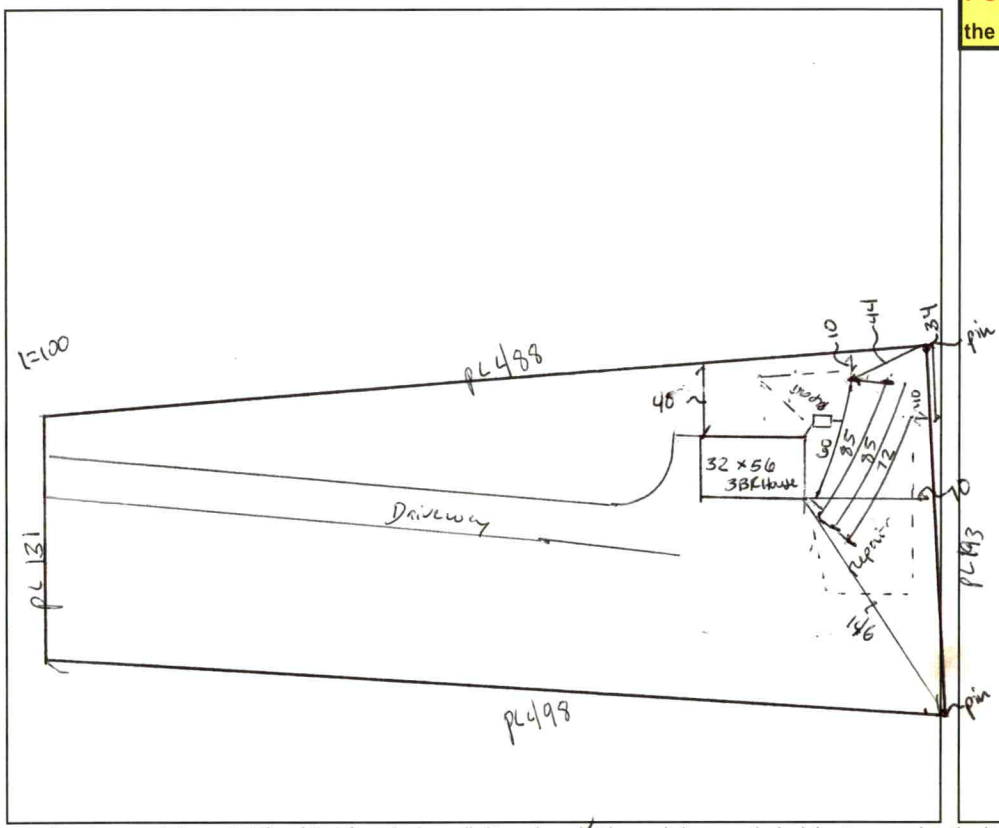
L.T.A.R.(Initial): .30

L.T.A.R (Repair): .30

Septic Tank 1000 (gal)	STB	Date	☒ 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: Gravity- 25% Reduction			☐ Business	No. Persons 6	☐ Private			
Pump Make -	Model -	Serial # -	Repair System Description: PPBPS-50% Reductio			☐ Other	No. Employees	☒ Public			
# Nitrification Fields 1	# Lines 4	Linear Ft 302	Maintenance Agreement Required: ☐ YES ☒ NO			☐ Slab	☒ Crawl Space	☐ Community			
Trench Width 36 in	*Max. Trench Depth(Initial) 32 in	*Max. Trench Depth(Repair) 32 in	Gravel Depth -	☒ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing			
* Measured on the downhill side of the trench	Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40		Usable Depth to LC (Initial): 48+			Usable Depth to LC (Repair): 48+					Limiting Condition

Comments / Conditions: Install Septic Drainlines on the Contour of the land. Utilize Serial Distribution. Do not Drive, park, pave, grade or bury utilities in Drainfield 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.* ☑ **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: Craig Thompson

IMPROVEMENT PERMIT by: Benjamin A. Botts Date: 4/4/2024

OPERATION PERMIT by: Matt Wiz Date: 7/25/24

AUTHORIZATION TO CONSTRUCT by: Matt Wiz Date: 7/24/24

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 #: 4759326838
COUNTY: Granville

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

(Complete all fields in full)

OWNER: Lesley Brown. DATE EVALUATED: 3/30
ADDRESS: 1129 Charlotte Hwy Creedmoor NC 27522
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 1.8
LOCATION OF SITE: 561 Fairmont PROPERTY RECORDED: Y
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: —
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	Side 10%	0-8	SC GR SBK	SS SP FR SEW	2.5YR 4/8 Few Lith- Mottles and Iron	4/8	—	—	PS .30	4
		8-30	C SBK/ABK	SSS P FR STK						
		30-48	CL WSBK	SSS P FR SEW						
2	Side 10%	0-4	SC GR-SBK	SS SP FR SEW	2.5YR 4/8	4/8	—	minor H2O Mottles and Stain	PS .30	4
		4-21	C SBK	SS SP FR						
		21-48	CL WSBK	SS SP FR						
3	Side 10%	0-4	SC GR	SS SP FR	2.5YR 4/8	4/8	—	—	PS .30	4
		4-30	C SBK	SS SP FR						
		30-48	CL WSBK	SS SP FR						
4	Side 10%	0-5	SC GR	SSS FR	2.5YR 4/8	4/8	—	—	PS .30	4
		5-30	C SBK	SS SP FR						
		30-48	CL WSBK	SS SP FR						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	300	200
System Type(s)	III 25%	IV 50%
Site LTAR	.30	.30
Maximum Trench Depth	48	48

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Bowmans.
OTHER(S) PRESENT:

Comments:

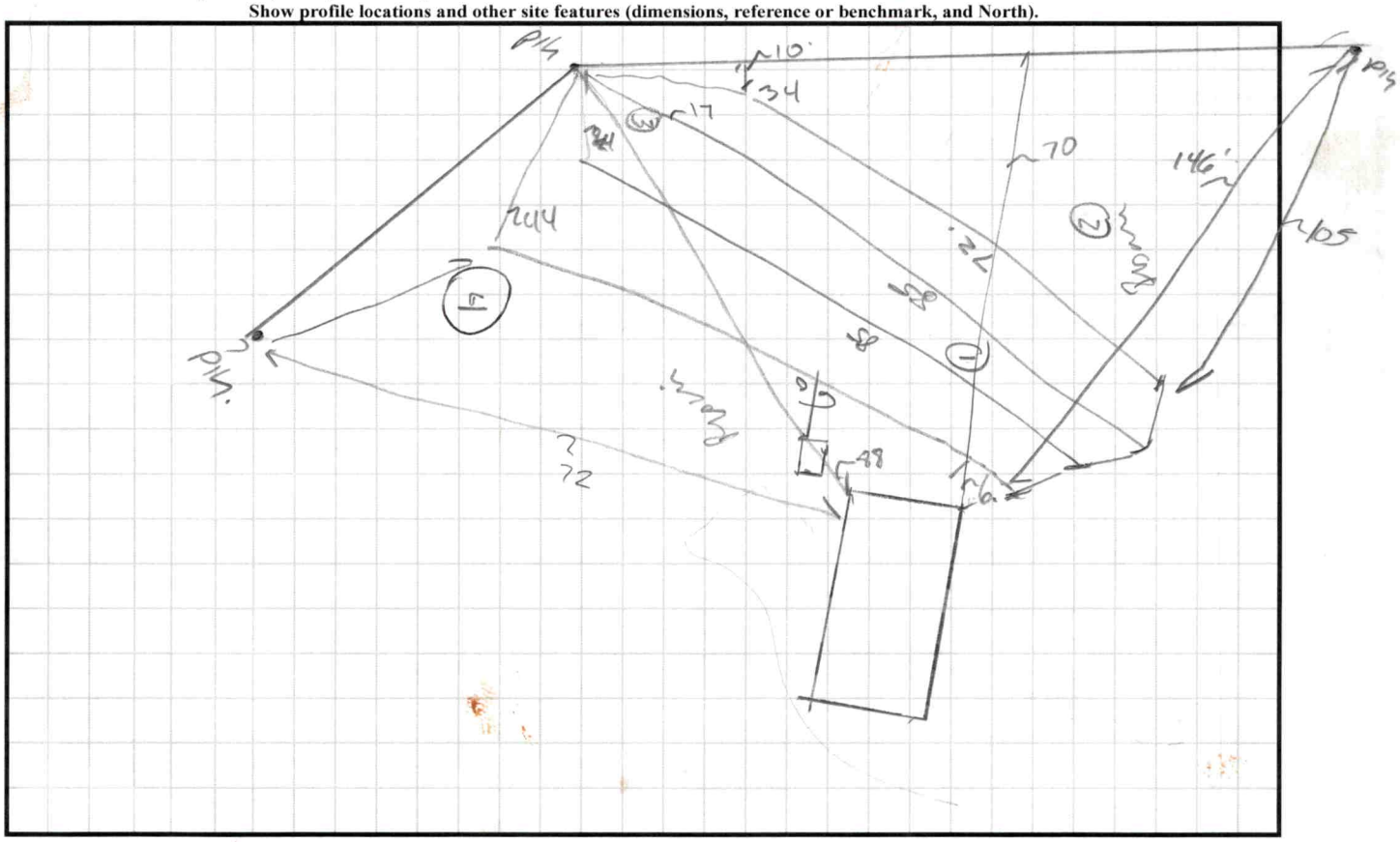
LEGEND

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).



PERMIT SNAPSHOT REPORT OSWP-2024-49311 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	03/18/2024
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:**	Botkins, Ben	**Approval Expire Date:**	

Description: NEW 32X56 DOUBLEWIDE MOBILE HOME WITH FRONT 8X18 COVERED GABLE AND 6X6 SIDE DECK, NEEING A SEPTIC AUTH TO CONSTRUCT FOR A 3 BEDROOM, LOT HAS COUNTY WATE Underbrush present but machinery will be able to knock down as pits are being done along the way -BM

Parcel: 4759326838.000 Main	**Address:** 561 Fairmount Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
LESLIE BROWN Home: (704) 450-0703	FREEDOM HOMES #667 FREEDOM HOMES-TROUTMA #667- USE THIS ONE FREEDOM 1124 CHARLOTTE HWY TROUTMAN, NC 28166 Business: (704) 881-2326	FREEDOM HOMES OF TROUTMAN(MOD BOND) Home: (704) 528-7960 Business: (704) 528-7960

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	32X56 DOUBLEWIDE MOBILE HOME WITH FRONT 8X18 GABLE FRONT COVERED PORCI AND SIDE 6X6 DECK
What are the proposed structures	New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No
Lot Acreage	1.8292	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	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	REQUIREMENTS FOR AL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch

	at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy can be approved. ** Leslie stated site plan is acceptable.**	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_FREEDOM_HOMES-TROUTIAN_3/18/2024.jpg	03/18/2024 10:48	Kimberly Frye, Freedom Homes		Uploaded via CSS
brown plot plan_v1.pdf	03/19/2024 9:24	Kimberly Frye, Freedom Homes	Available Online	
brown floor plan_v1.pdf	03/19/2024 9:25	Kimberly Frye, Freedom Homes	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-200817	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/25/2024	03/25/2024 0:00	03/25/2024 0:00	03/25/2024 16:51	03/25/2024 16:51

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	

Note	Created By	Date and Time Created
1. Discussed site plan with Leslie. She said it is acceptable.	Chrystal Sloan	03/19/2024 9:34

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00028447	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00028447	$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		03/19/2024 8:29	03/19/2024 8:29
Confirm application complete v.1	Generic Action		03/19/2024 8:29
Fees v.1		03/21/2024 8:35	03/21/2024 8:35
Issue Invoice v.1	Generic Action		03/21/2024 8:35
Fees Paid v.1	Generic Action		03/21/2024 8:35
Zoning Review v.1		03/19/2024 9:50	03/21/2024 8:43
~~Floodplain Admin Overview v.1~~	Task		03/19/2024 9:50
Iredell County Zoning Approval v.1	Task	03/19/2024 9:50	03/21/2024 8:43
Issue Invoice v.1	Generic Action		03/21/2024 8:34
Fees Paid v.1	Generic Action		03/21/2024 8:34