ICHD - ENVIRONMENTAL HEALTH DIVISION

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

MW BLDR-2023-30559

PERMIT # 2023-22790

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

PIN # 4842 -- 71 -- 8069

APPLICANT/OWNER: Freedom Homes

APPLICANT ADDRESS: 1124 Charlotte Hwy, Troutman

SITE ADDRESS: 158 Semper Fidelis Rd, Olin 28660

PHONE: 704-881-2326

ALT. PHONE: –

SITE DIRECTIONS: Jennings - Hwie - Semper Fidelis

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Philmon E Jones Jr Others Family

SECTION: – LOT # 6 LOT AREA: 2.571 acres

DESIGN FLOW: 360 gpd L.T.A.R.: 0.275

Septic Tank	1000	(gal)	STB	760	Date	7-30-2023	☒ 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:	25% reduction			
# Nitrification Fields	1		# Lines	4	Linear Ft	328'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36 in		Trench Bottom Depth ~~(Low side)~~		26" 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 on contour with the land. Do not, grade, park, or drive on septic area.

INITIAL SITE SKETCH

1=60

789PL

222 375 415

42 35 50

20 S11

30 Proposed House 60

Proposed Well

DRIVE

86 86 86 86 82 82 82 82 110R 110R 113R

Semper Fidelis Rd

772PL

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.

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: Cory Hill Date: 6/9/23

OPERATION PERMIT by: Bryant C. White Date: 9-14-23

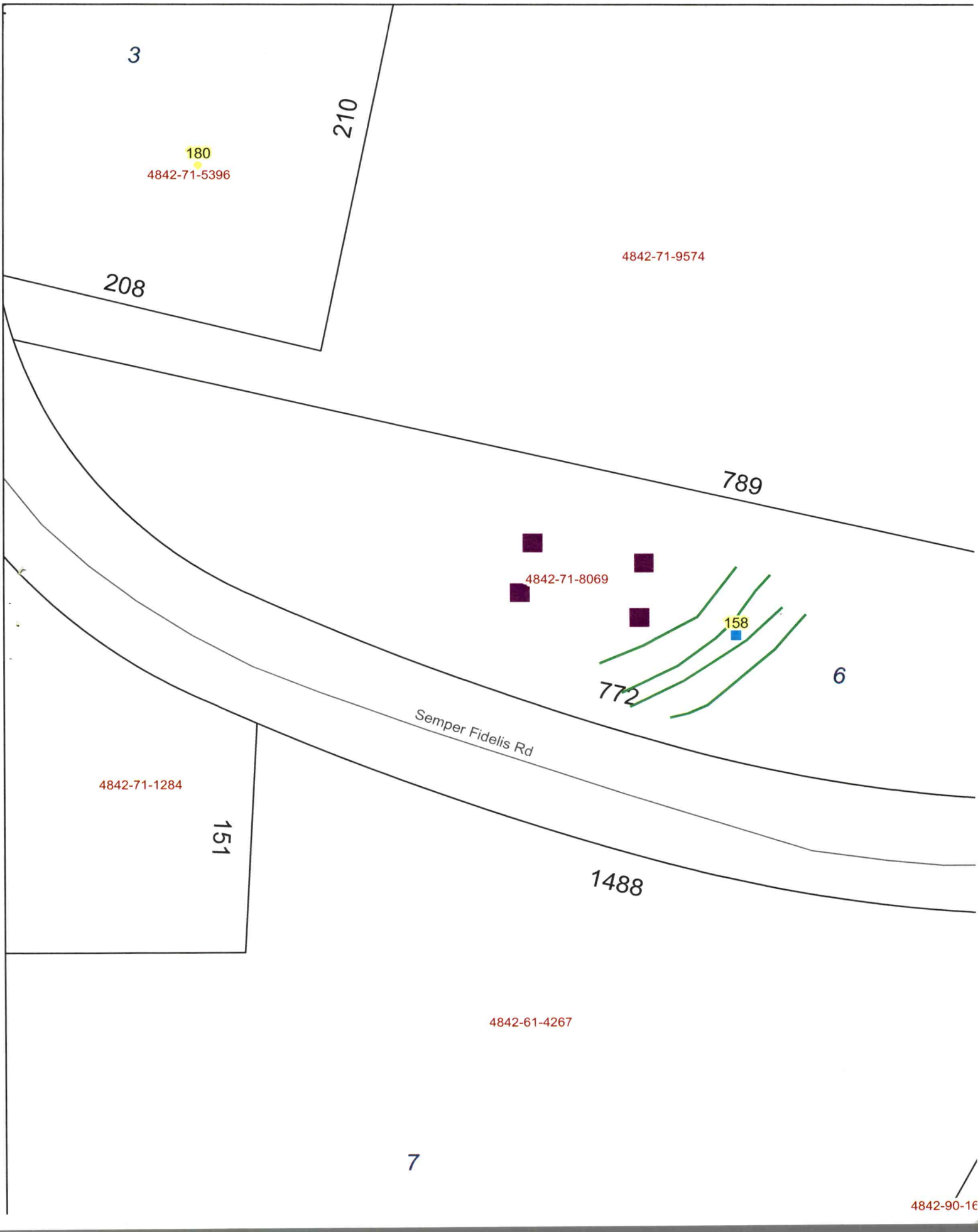
AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 6/9/23

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? _____	


3
210
180
4842-71-5396
4842-71-9574
208
789
4842-71-8069
158
6
772
Semper Fidelis Rd
4842-71-1284
151
1488
4842-61-4267
7
4842-90-16

Sheet 1 of 1
PROPERTY ID #: 4842718869
COUNTY: Iredell

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

OWNER: Freedom Homes — APPLICATION DATE 4/20/23
ADDRESS: 1124 Charlotte Hwy — DATE EVALUATED: 6/8/23
PROPOSED FACILITY: 3 bdrm home — PROPOSED DESIGN FLOW (.1949): 360 gpd — PROPERTY SIZE: 2.571 acres
LOCATION OF SITE: 158 Semper Fidelis — 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	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 10%	0 - 22	C SBK	SS SP FR SE	-	52	Common SAP inc	in CL layer	.3 PS
		22 - 52	CL SBK	SS SP FR SE					
2	Linear 8%	0 - 26	C SBK	SS SP FR SE	-	50	Common SAP inc	in CL layer	.3 PS
		26 - 50	CL SBK	SS SP FR SE					
3	Linear 10%	0 - 26	C SBK	SS SP FR SE	-	49	Heavy Lithe inc	at 43"+	.3 PS
		26 - 49	CL SBK	SS SP FR SE					
4	Linear 9%	0 - 27	C SBK	SS SP FR SE	Yellow/Brown at 39"+	49	SAP inc at 38"+		~~.3~~ .275 PS
		27 - 49	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	25%	25%
System Type(s)	PS	PS
Site LTAR	.275 ~~.3~~	~~.3~~ .275

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.

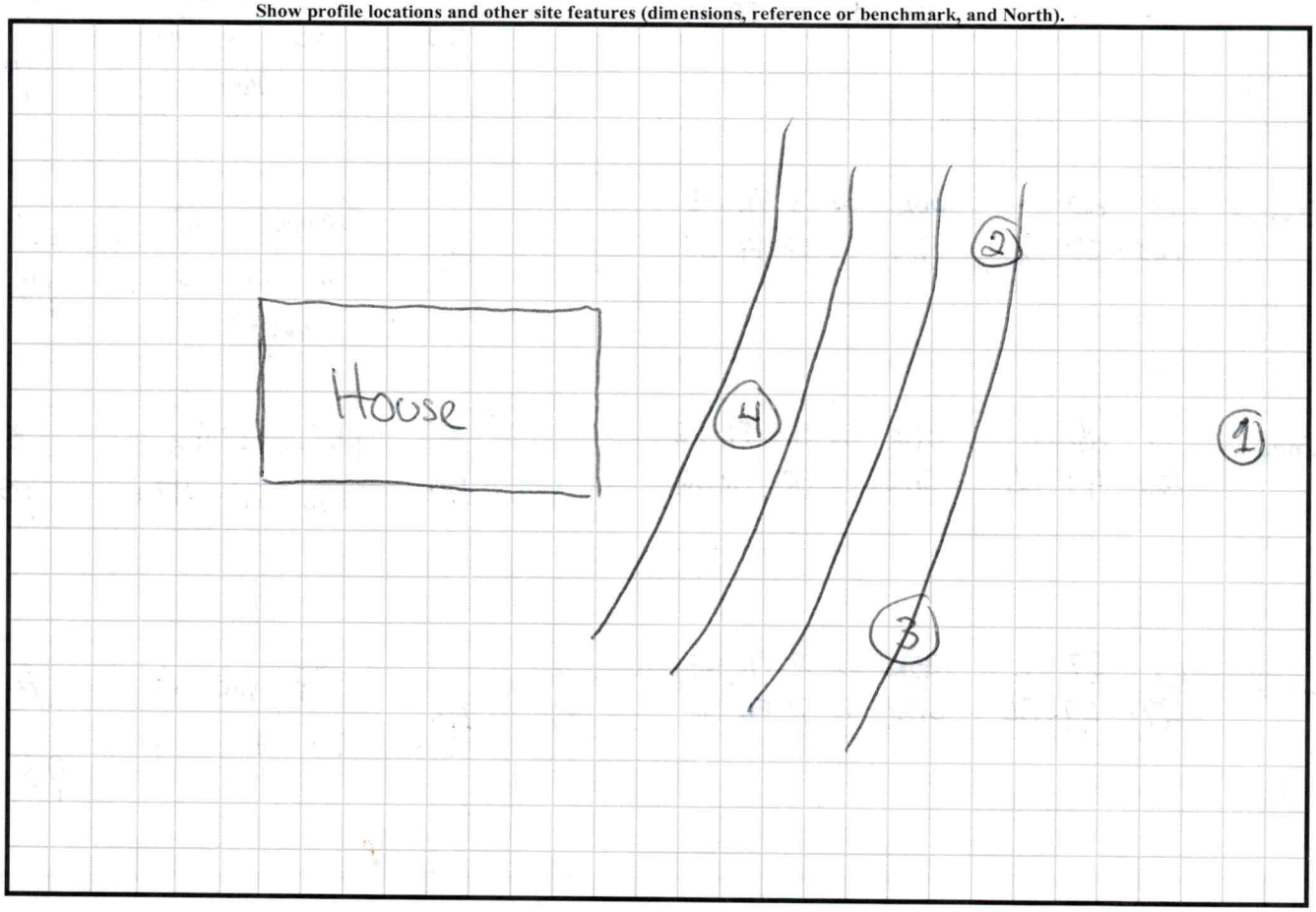
NOTES

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/ft^2

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



Semper Fidelis Rd

PERMIT SNAPSHOT REPORT OSWP-2023-22790 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	04/20/2023
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:**	Whicker, Cory	**Approval Expire Date:**	

Description: NEW 32X60 OFF FRAME MODULAR HOME WITH 6X6 FRONT AND 6X6 BACK DECKS , NEW WELL AND NEW SEPTIC IP AC

Parcel: 4842718069.000 Main	**Address:** 158 Semper Fidelis Rd Olin, NC 28660 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Applicant/Authorized Agent	Property Owner
FREEDOM HOMES #667 FREEDOM HOMES-TROUTMAN #667-USE THIS ONE FREEDOM 1124 CHARLOTTE HWY TROUTMAN, NC 28166 Business: (704) 881-2326	FREEDOM HOMES #667 FREEDOM HOMES-TROUTMAN #667-USE THIS ONE FREEDOM 1124 CHARLOTTE HWY TROUTMAN, NC 28166 Business: (704) 881-2326	JONES PHILMON E JR ETAL

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	NEW 32X60 OFF FRAME MODULAR HOME WITH 6X6 FRONT AND 6X6 BACK DECKS , NEW WELL AND NEW SEPTIC
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Modular	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Lot Acreage	2.571	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	Additional Unique Setbacks Apply	No
Watershed	NOT IN A WATERSHED				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_FREEDOM_HOMES-TROUTMAN_4/20/2023.jpg	04/20/2023 13:37	Kimberly Frye, Freedom Homes		Uploaded via CSS
LINDLY AUTH TO ACT _v1.pdf	04/20/2023 16:34	Nebel, Barbara	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
2023-90009	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	05/09/2023			05/09/2023 7:03	05/09/2023 7:03

Inspectors: Bracken, Sarah (Primary)

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

2023-95827	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	05/24/2023			05/24/2023 10:42	05/24/2023 10:42

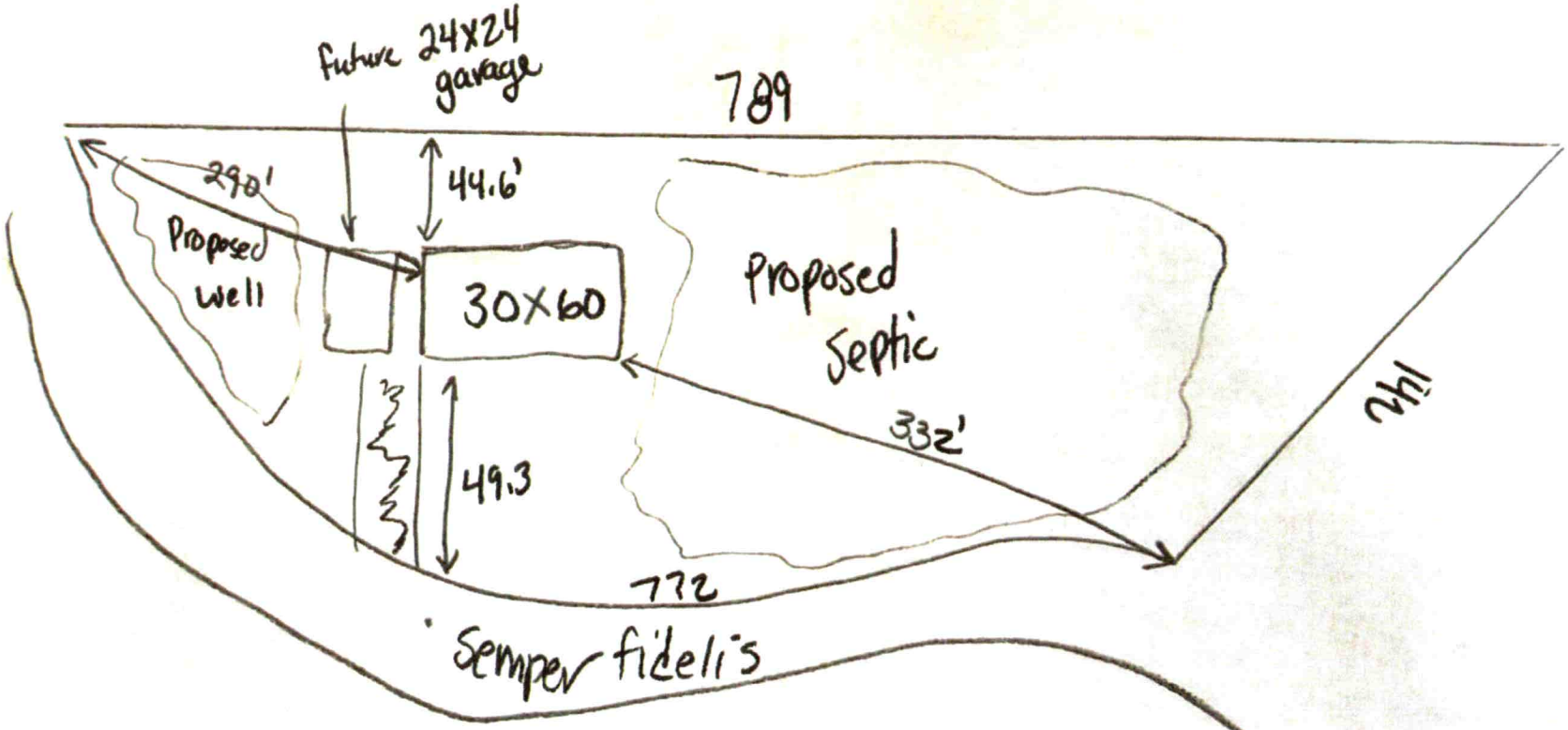
PERMIT SNAPSHOT REPORT (OSWP-2023-22790)

Inspectors: Bracken, Sarah (Primary)

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

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00012759	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-00012759	$577.25	$577.25
INV-00013643	Site Revisit		$100.00	$100.00
		Total for Invoice INV-00013643	$100.00	$100.00
INV-00014610	Site Revisit		$100.00	$100.00
		Total for Invoice INV-00014610	$100.00	$100.00
		Grand Total for Permit	**$777.25**	**$777.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		04/20/2023 16:34	04/20/2023 16:34
Confirm application complete v.1	Generic Action		04/20/2023 16:34
Fees v.1		05/02/2023 9:39	05/02/2023 9:39
Issue Invoice v.1	Generic Action		05/02/2023 9:39
Fees Paid v.1	Generic Action		05/02/2023 9:39
Zoning Review v.1		04/20/2023 16:34	05/02/2023 9:40
~~Floodplain Admin Overview v.1~~	Task		04/21/2023 9:36
Iredell County Zoning Approval v.1	Task	04/20/2023 16:34	05/02/2023 9:40
Issue Invoice v.1	Generic Action		04/21/2023 9:36
Fees Paid v.1	Generic Action		05/02/2023 9:38
Lot Readiness Verification v.1		05/09/2023 7:02	
OSWP Septic Preliminary Site Visit v.1	Inspection	05/09/2023 7:02	05/09/2023 7:03
OSWP Septic Preliminary Site Visit v.2	Inspection	05/24/2023 10:42	05/24/2023 10:43
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		



Lindly Plot Plan