STI MANF 2023-26129

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-13846

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

PIN # 4740-31-2389 ✓

APPLICANT / OWNER: FREEDOM HOMES #667 APPLICANT ADDRESS: 1124 CHARLOTTE HWY, TROUTMAN, NC 28166

SITE ADDRESS: 239 RIDGE CREEK DR, TROUTMAN, NC 28166 ✓ PHONE: 7048812326 ALT. PHONE:

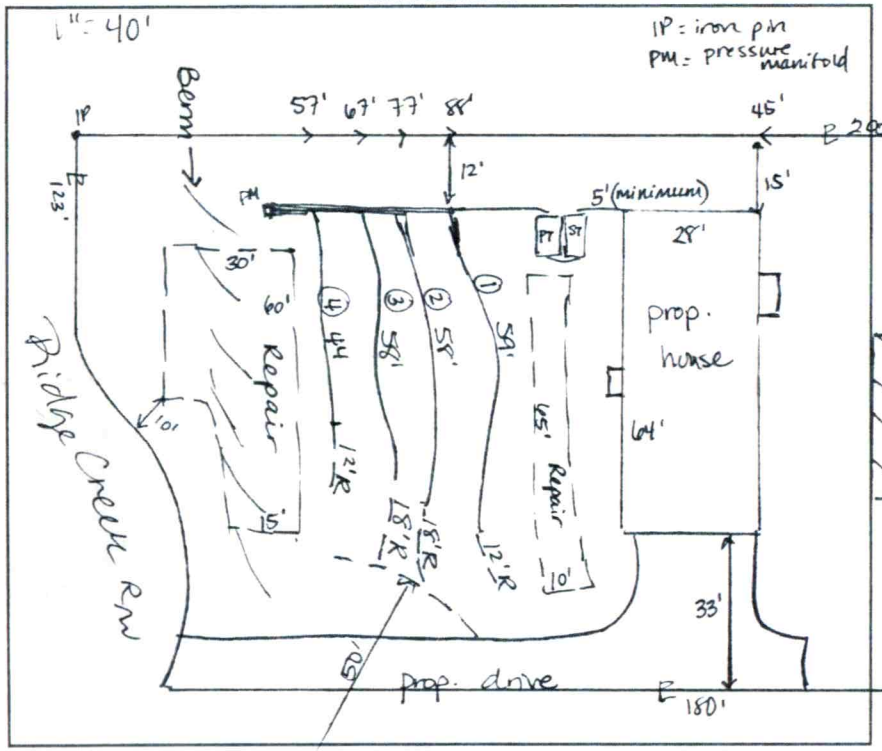
SITE DIRECTIONS: N NC21 -> L Flower House Loop -> R Clontz Hill -> L Ridge Creek -> lot on L SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Rocky Creek Cove ✓ SECTION: N/A LOT #: 30 ✓ LOT AREA: 0.5 DESIGN FLOW: 360 L.T.A.R.: 0.275

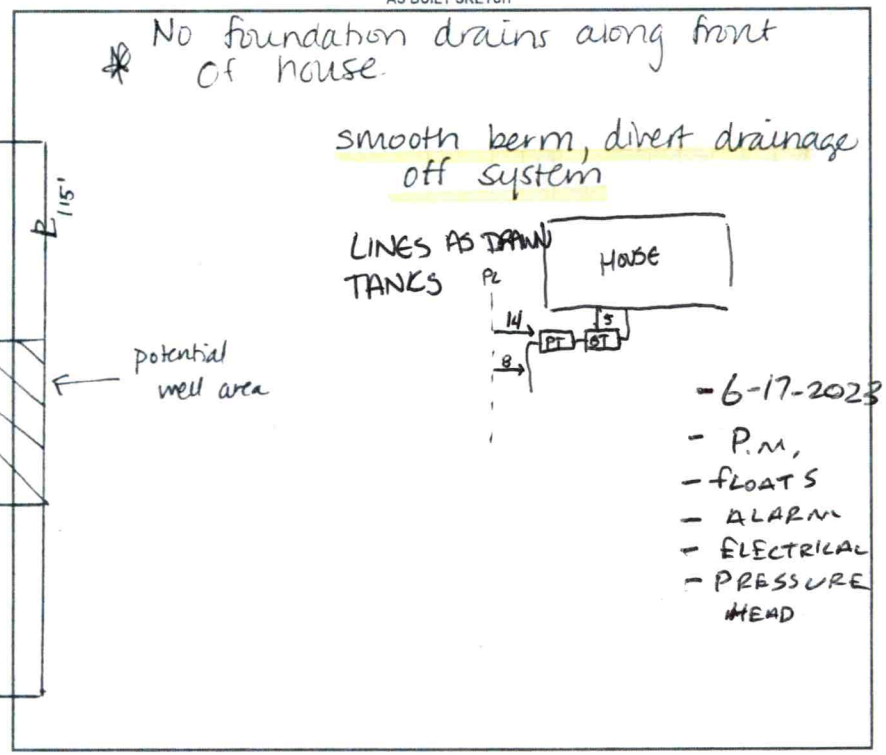
Septic Tank: 1000 (gal)	STB: 7600	Date: 6/24/23	☒ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: New Well
Pump Tank: 1000 (gal)	PT: 3603	Date: 6/23/23	System Description: HPPBPS - PM		☐ Business	No. Persons: 6	
Pump Make: Goulds	Model: PE51	Serial #:	Repair System Description: LPHPPBPS		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 219	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 20		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, park, drive, or bury utilities in drainfield. Must stay shallow or will be too close to a well & permit will be revoked. Pressure manifold: 2" supply, 2' pressure head. L1, L2, & L3 = 13 panels each, 1/2 SCH 40 tap each line L4 = 10 panels, 1/2" SCH 80 tap Dose: 176.4 Flow: 26.81 gpm Runtime: 6.5 min Drawdown: 8.4"

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: Date:

IMPROVEMENT PERMIT by: D. Mebey Date: 5/18/23

AUTHORIZATION TO CONSTRUCT by: D Mebey Date: 5/18/23

Installed By: Frye Grading + Septic

OPERATION PERMIT by: Burnett C. White Date: 8-17-2023

Existing System Inspected By: Date:

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

S#

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-13846

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

PIN # 4740-31-2389

APPLICANT / OWNER: FREEDOM HOMES #667 APPLICANT ADDRESS: 1124 CHARLOTTE HWY, TROUTMAN, NC 28166

SITE ADDRESS: 239 RIDGE CREEK DR, TROUTMAN, NC 28166 PHONE: 7048812326 ALT. PHONE:

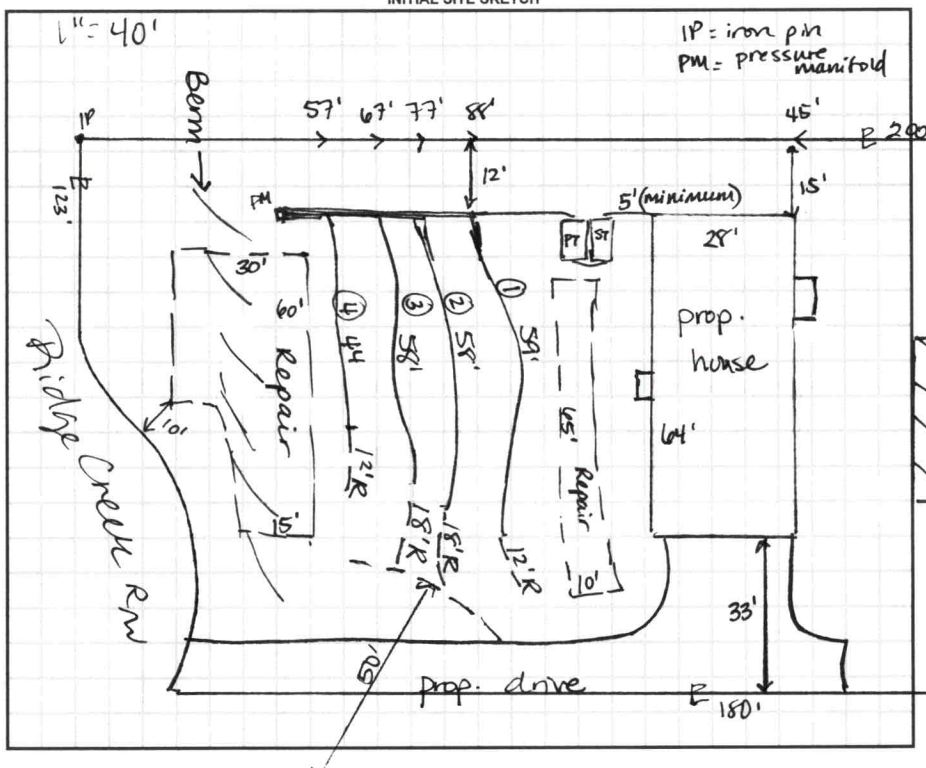
SITE DIRECTIONS: N NC21 -> L Flower House Loop -> R Clontz Hill -> L Ridge Creek -> lot on L SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Rocky Creek Cove SECTION: N/A LOT #: 30 LOT AREA: 0.5 DESIGN FLOW: 360 L.T.A.R.: 0.275

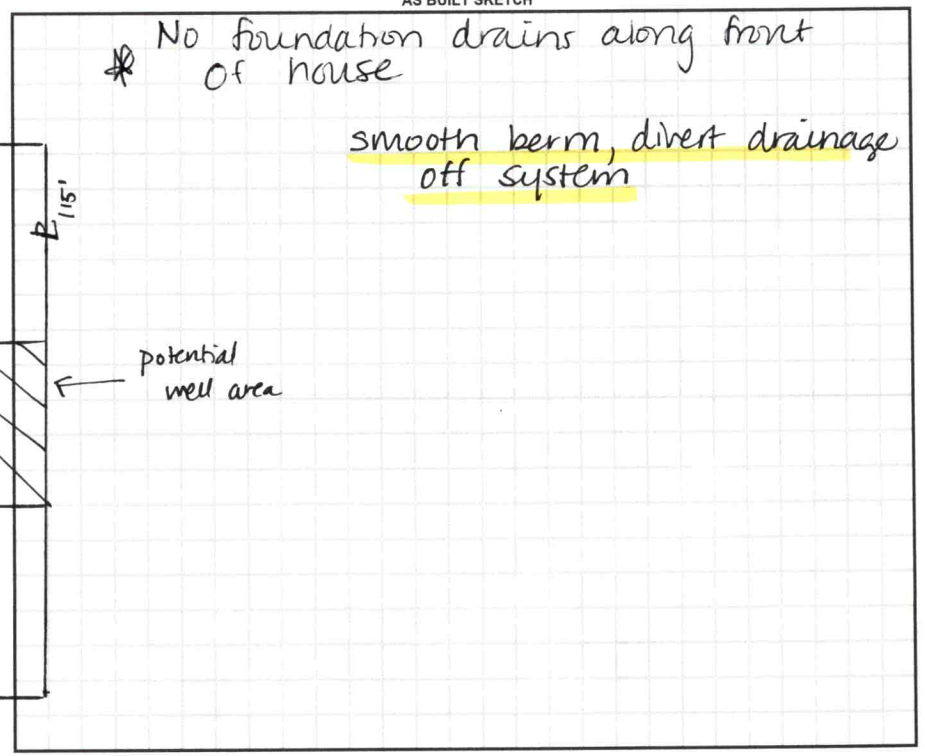
Septic Tank: 1000 (gal)	STB:	Date:	☒ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: New Well
Pump Tank: 1000 (gal)	PT:	Date:	System Description: HPPBPS - PM		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: LPHPPBPS		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 219	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 20		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, park, drive, or bury utilities in drainfield. Must stay shallow or will be too close to a well & permit will be revoked. Pressure manifold: 2" supply, 2' pressure head. L1, L2, & L3 = 13 panels each, 1/2 SCH 40 tap each line L4 = 10 panels, 1/2" SCH 80 tap Dose: 176.4 Flow: 26.81 gpm Runtime: 6.5 min Drawdown: 8.4"

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.

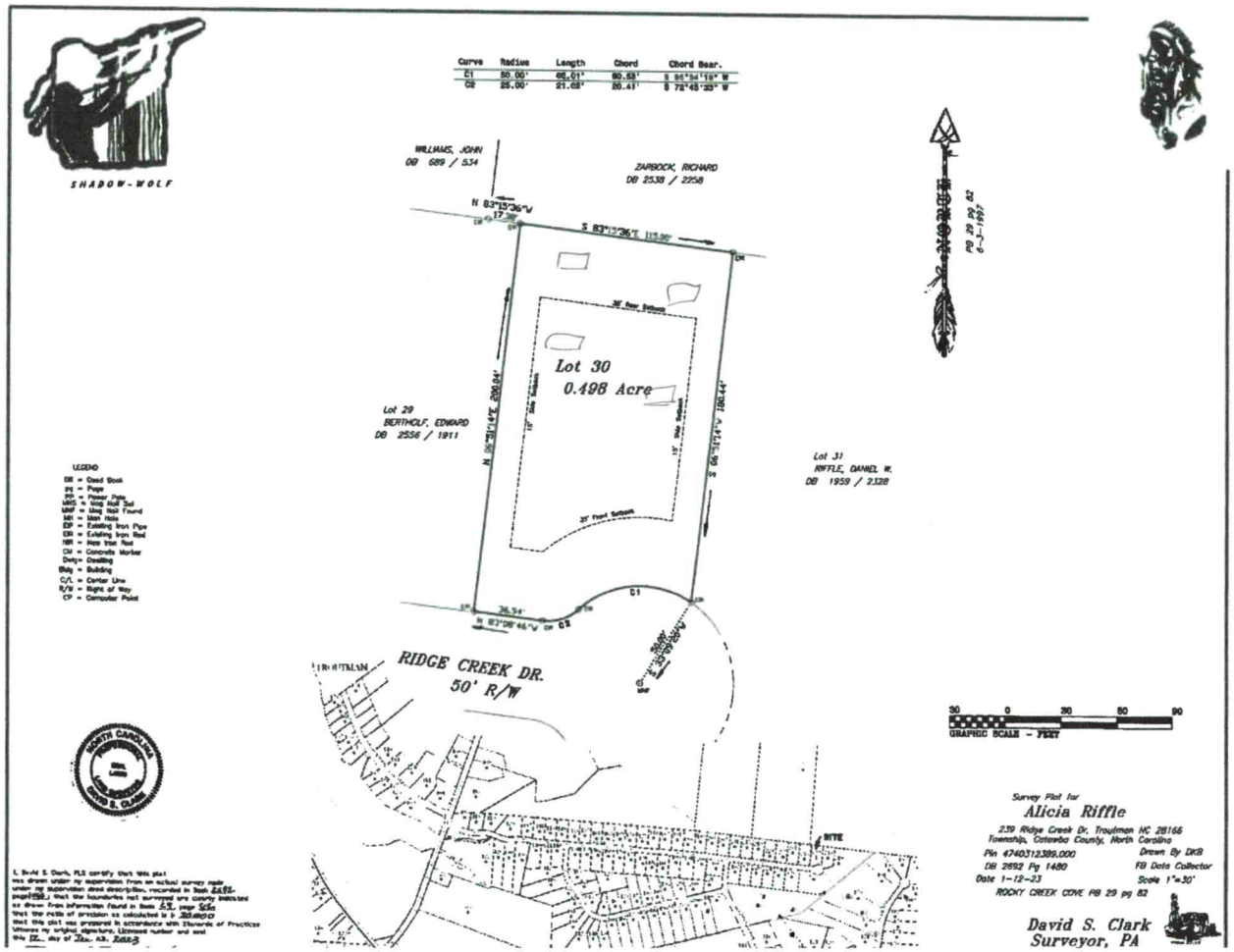
Owner / Applicant Signature: Date: Installed By:

IMPROVEMENT PERMIT by: D. Mebey Date: 5/18/23 OPERATION PERMIT by: Date:

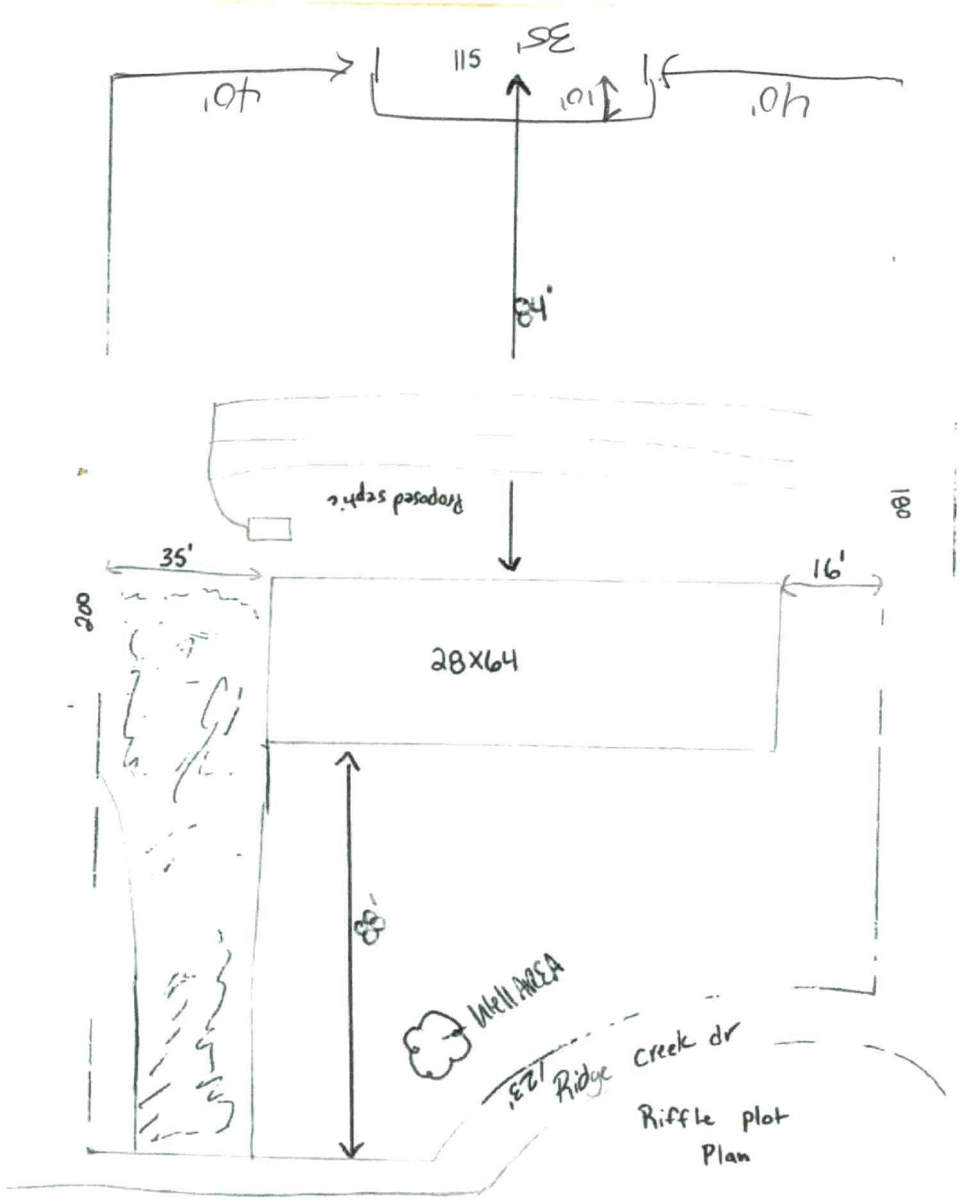
AUTHORIZATION TO CONSTRUCT by: D Mebey Date: 5/18/23 Existing System Inspected By: Date:

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

OK
ITA


SHADOW-WOLF
Curve Radius Length Chord Chord Bear.
C1 50.00' 66.01' 60.63' S 34°54'19" W
C2 25.00' 21.08' 20.41' S 72°45'33" W
WILLIAMS, JOHN
DB 689 / 534
ZARBOCK, RICHARD
DB 2538 / 2258
N 83°15'36"W
17.38'
S 83°15'26"E 115.00'
NORTH
PB 29 PG 82
6-J-1997
Lot 30
0.498 Acre
Lot 29
BERTHOLF, EDWARD
DB 2556 / 1911
Lot 31
RIFFLE, DANIEL W.
DB 1959 / 2328
N 06°30'14"E 200.04'
S 06°30'14"W 186.44'
35' Rear Setback
15' Side Setback
35' Front Setback
26.54'
N 83°08'46"W CH C2
C1
C2
RIDGE CREEK DR.
50' R/W
SITE
LEGEND
DB = Deed Book
PG = Page
IPF = Iron Pipe Found
IRF = Iron Rod Found
MH = Man Hole
EIP = Existing Iron Pipe
ERB = Existing Iron Rod
NIR = New Iron Rod
CM = Concrete Marker
Dwlg = Dwelling
Bldg = Building
C/L = Center Line
R/W = Right of Way
CP = Computer Point
30 0 30 60 90
GRAPHIC SCALE - FEET
NORTH CAROLINA
DAVID S. CLARK
I, David S. Clark, PLS certify that this plat was drawn under my supervision from an actual survey made under my supervision and description, recorded in Book 2692, page 1480; that the boundaries not surveyed are clearly indicated as drawn from information found in Book 2692, page 1480; that the ratio of precision as calculated is 1: 30,000; that this plat was prepared in accordance with 19a.0609 of Practice. Witness my original signature, License number and seal this 12th day of Jan. A.D. 2024.
Survey Plat for
Alicia Riffle
239 Ridge Creek Dr, Troutman NC 28166
Township, Catawba County, North Carolina
Pin 4740312389.000
Drawn By DKB
DB 2692 Pg 1480
FB Data Collector
Date 1-12-23
Scale 1"=30'
ROCKY CREEK COVE PB 29 pg 82
David S. Clark
Surveyor, PA

Riffle


35'
115
10'
40'
40'
84'
Proposed septic
180
35'
16'
200
28X64
84'
WELL AREA
123'
Ridge Creek dr
Riffle plot
Plan

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

Sheet 1 of
PROPERTY ID #: 474031238
COUNTY: Iredell

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

OWNER: Alicia Riffle
APPLICATION DATE 1/17/23
ADDRESS: 243 Ridge Creek Troutman
DATE EVALUATED: 4/26/23
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 0.5
LOCATION OF SITE: 239 Ridge Creek Troutman
PROPERTY RECORDED: Y
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) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS	0-7	SCL - SBK	SSSP FR SXP	5YR 5/4 matrix 5YR 4/6 Discon. band of PM/FI sap 16-25" sap incl C 20"+	(49)	N/A	N/A	PS 0.275
		7-20	C - SBK/ABK	SP - FR - SXP					
		20-39	CL - WSBK	SSSP FR SXP					
		39-49	L - WSBK	"					
2	<5%	0-48	FILL	PF	compacted C layer over +2" fill	48"	N/A	N/A	U 0.2
3	FS 8%	0-28	FILL	FF	5YR 5/4 mottled sap ind common 40"+	50"	N/A	N/A	PS U 0.2
		28-40	C - SBK						
		40 50	CL - WSBK						
			remove 12"						
4	B <5%	0-72	FILL	—	—	—	—	—	U

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	219	219
System Type(s)	50% PM	50%
Site LTAR	0.275	0.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): B
EVALUATED BY: D Weberg
OTHER(S) PRESENT: J. McIntosh

COMMENTS:
15' off back

Updated February 2014

SOIL/SITE EVALUATION

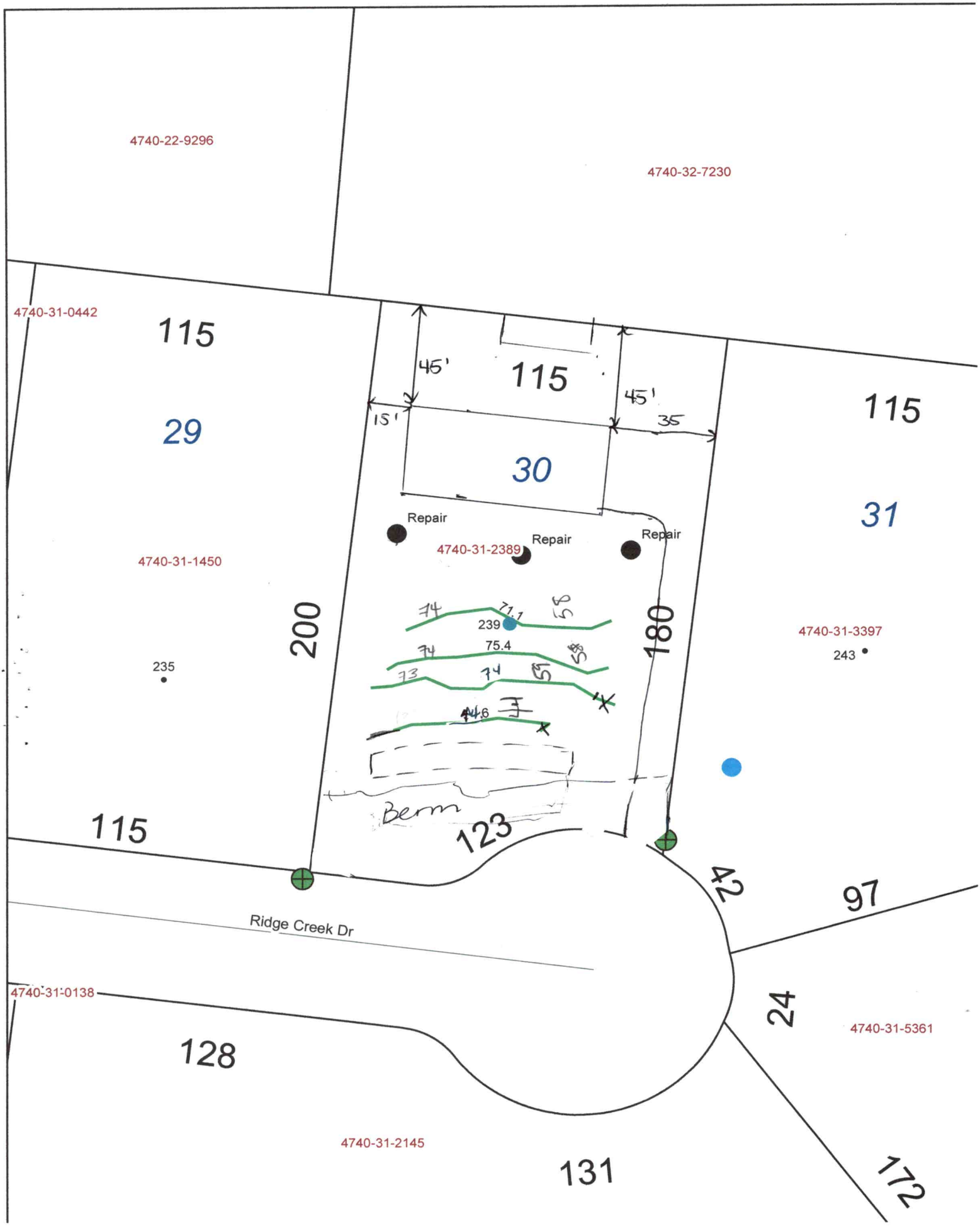
(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4740312389
DATE OF EVALUATION: 4/26/23
COUNTY: Iredell

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
5	T/R 8	0-5	SCL-WSBK	SSSP-FR SXP	2.5Y7/3 to 32"	50	N/A	N/A	PS 0.25
		5-32	C-ABK/SBK	SP-FI-SXP					
		32-50	CL-WSBK	SSSP-FI-SXP					
					Sap incl few	32"+			
6	LS 12%	0-5	SCL-SBK	SSSP-FR-SXP	5YR 4/4	39	S	N/A	PS 0.275
		5-20	CL-ABK/SBK	SP-FR SXP					
		20-33	CL-WSBK	SSSP-FR-SXP					
		33-39	L-WSBK	SSNP-FR-SXP					
		39-48	SAP-L-M	SSNP-FR	Sap incl common	20"+			
7	LS 15%	0-5	SCL-SBK	SXP		40"	S	N/A	PS 0.275
		5-23	C-ABK	SP-FR SXP					
		23-33	CL-SBK	SSSP-FR SXP					
		33-40	L-WSBK	SSNP-FR-SXP					
		40-46	SAP-L-M	SSNP-FR	Sap incl	comm	23"+		

COMMENTS: _____


4740-22-9296
4740-32-7230
4740-31-0442
115
29
45'
115
45'
15'
35
115
30
31
Repair
Repair
Repair
4740-31-2389
4740-31-1450
200
180
4740-31-3397
243
235
74
71.1
55
239
74
75.4
58
73
74
55
44.6
Berm
115
123
24
97
Ridge Creek Dr
4740-31-0138
24
4740-31-5361
128
4740-31-2145
131
172

emailed/texted 4/26 @ 10ª

PERMIT SNAPSHOT REPORT OSWP-2023-13846 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	01/17/2023
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:**	Wieberg, Danielle	**Approval Expire Date:**	

Description: RECV'D EMAIL SITE IS NOW READY NEW 28X64 DOUBLE WIDE MOBILE HOME WITH 6X6 FRONT AND 6X8 BACK DECK NEEDING A NEW 3 BEDROOM SEPTIC SYSTEM AND NEW WELL, ALSO NEEDING THE AC

Parcel: 4740312389.000 Main	**Address:** 239 Ridge Creek Dr Troutman, NC 28166 Main	**Zone:** RA(Residential Agricultural District)

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

Property Owner
ALICIA RIFFLE

Permit Custom Fields

EHExpeditedApplication/PermitType	Improvement Permit	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	NEW 28X64 DOUBLE WIDE MOBILE HOME WITH 6X6 FRONT AND 6X8 BACK DECK NEEDING A NEW 3 BEDROOM SEPTIC SYSTEM AND NEW WELL, ALSO NEEDING THE AC
Maximum Number of Bedrooms	3	If other Addition/Structure, please explain		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	Lot Acreage	0.5
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Feb 1 2023 12:00AM	Zoning Permit Expiration Date	Jul 31 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	REQUIREMENTS FOR ALL 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.	Additional Unique Setbacks Apply	No