MANF- 2024-46363 RB

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP 2024-44183

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

PIN # 3746 -- 97 -- 4191

APPLICANT/OWNER: SD Fairchase LLC

APPLICANT ADDRESS: 245 Fairchase Circle Stony Point, NC 28678

SITE ADDRESS: 251 Fairchase Cir, Stony Point, NC 28678

PHONE: (828)514-6165 ALT. PHONE -

SITE DIRECTIONS: US 64, Sweet Cherry, Fairchase

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Fieldcroft

SECTION: - LOT # 34 LOT AREA: .69 AC

DESIGN FLOW: 360 L.T.A.R.: .3

Septic Tank	1000	(gal)	STB		Date		☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	25% Reduction - Serial			
Pump Make			Model		Serial #		Repair System Description:	50% Reduction - PM			
# Nitrification Fields	1		# Lines	4	Linear Ft	300	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 in		Trench Bottom Depth(Low side)	24 in	Gravel Depth	N/A	☑ GRAVITY	☐ PRESSURE			

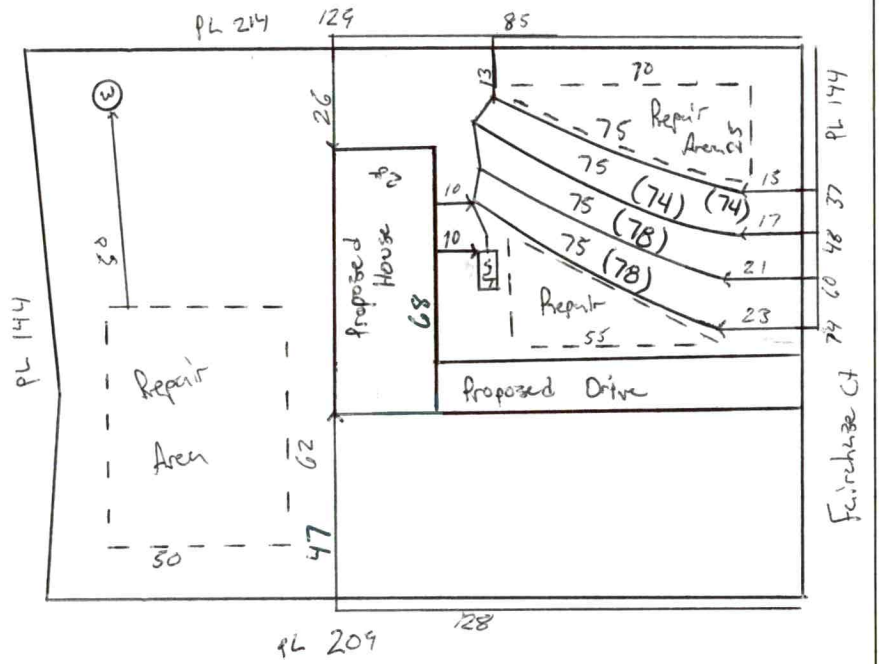
☑ Residence No. Bedrooms 3
☐ Business No. Persons 6
☐ Other No. Employees
☑ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply
☑ Private
☐ Public
☐ Community

Comments / Conditions: Install on contour with 4ft centers. Do not build, drive or damage septic area.

INITIAL SITE SKETCH

1:50



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. See actual line lengths in parenthases on 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: Online Signature Date:

Installed by: Kr M Grading

IMPROVEMENT PERMIT by: Matt Wiz Date: 1/9/24

OPERATION PERMIT by: Sarah Williams Date: 4/19/2024

AUTHORIZATION TO CONSTRUCT by: Matt Wiz Date: 1/9/24

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 #: 3746474141
COUNTY: Iredell

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

OWNER: SD Fairchase LLC
ADDRESS: 245 Fairchase
PROPOSED FACILITY: SFR
LOCATION OF SITE: 245 Fairchase

APPLICATION DATE: 9/13/23
DATE EVALUATED: 10/10/23
PROPERTY SIZE: ~69 AC
PROPERTY RECORDED: yes

PROPOSED DESIGN FLOW (.1949): 360

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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	FS 8%	0-29	C/SBK	SS sp fr SE	-	48	Sap inclusions 45+	Rocks came in 35+	PS .3
		29-48	CL/SBK	SS sp fr SE					
2	LS 10%	0-12	Disturbed	SS sp fr SE	-	48	Sap inclusions 34+	-	PS .3
		12-27	C/SBK	SS sp fr SE					
		27-46	CL/SBK	SS sp fr SE					
3	LS 10%	0-9	SCL/SBK	SS sp fr SE	-	48	-	-	PS .3
		9-30	C/SBK	SS sp fr SE					
		30-48	CL/SBK	SS sp fr SE					
4	FS 8%	0-12	Disturbed		-	48	Sap inclusions in CL	-	PS .3
		12-32	C/SBK	SS sp fr SE					
		32-46	CL/SBK	SS sp fr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	50%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W
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.

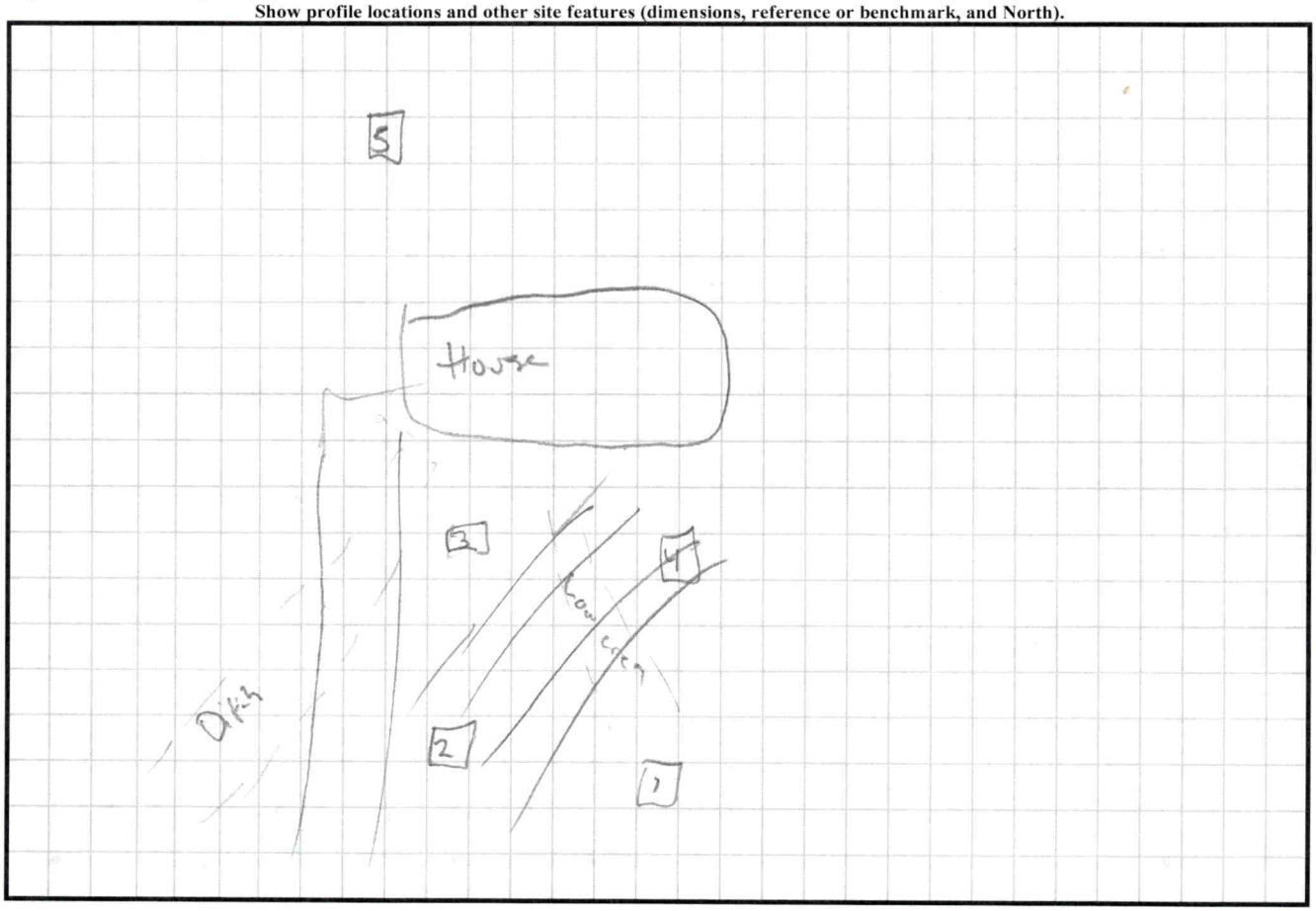
NOTES

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)

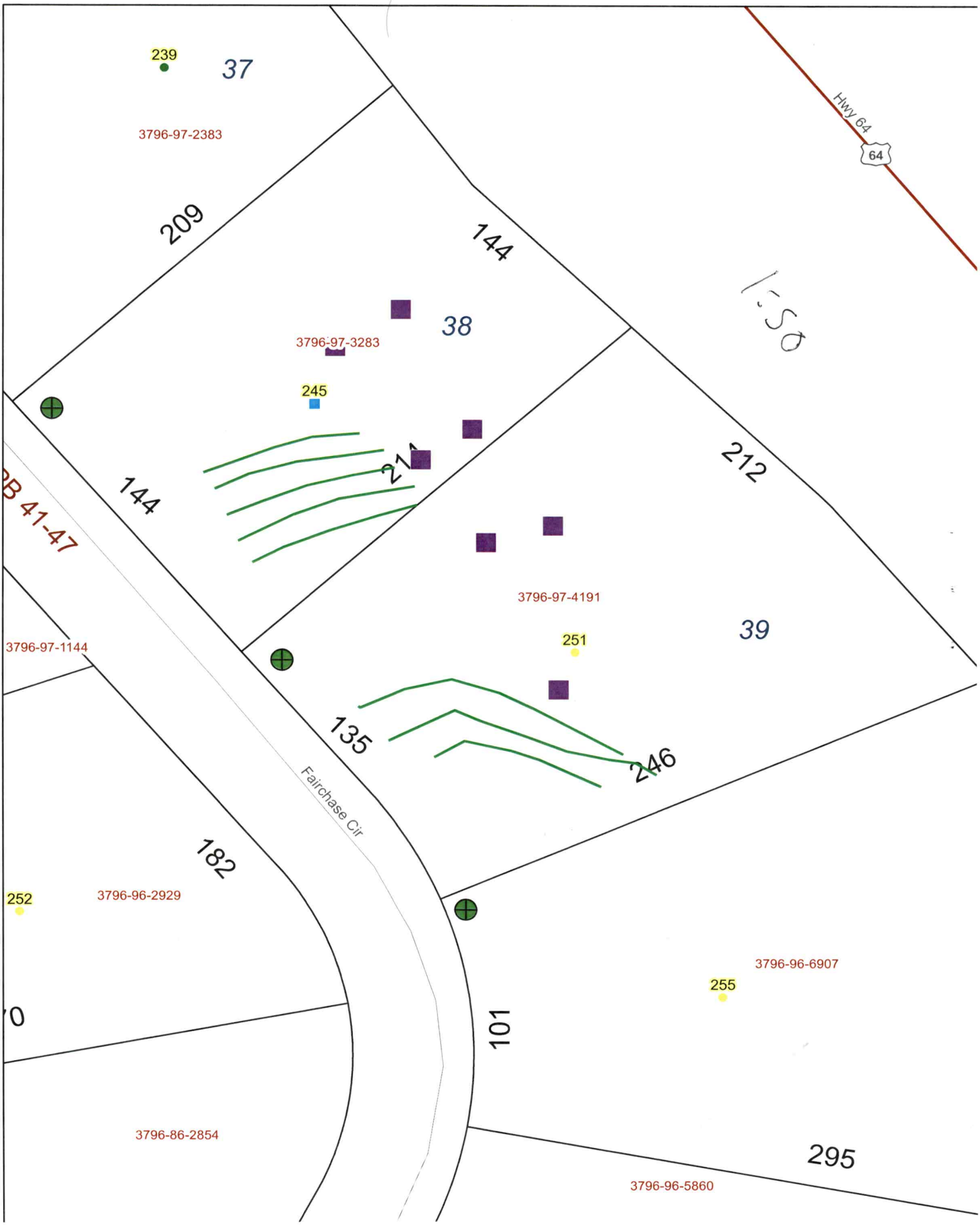
Evaluation of saprolite shall be by pits.

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

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



5 | 0-8 SCL/SBK sapprolite Sap includers PS
8-20 C/SBK throughout .3
20-48 CL/SBK ↓ C and CL


239
37
3796-97-2383
Hwy 64
64
209
144
38
3796-97-3283
245
144
211
212
B 41-47
3796-97-4191
39
3796-97-1144
251
135
246
Fairchase Cir
182
252
3796-96-2929
3796-96-6907
255
101
0
3796-86-2854
295
3796-96-5860

PERMIT SNAPSHOT REPORT OSWP-2023-36563 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	09/13/2023
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:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: new septic install for man. home construction Spoke to Collin on 9/15 regarding septic. He stated site would not be ready until 9/22. He will call to confirm GM 9/25 Collin contacted me. stated site should be ready by the end of the week. GM 10/03 Collin emailed site will be ready today GM 10/04 Site Ready GM

Parcel: 3796973283.000 Main	**Address:** 245 Fairchase Cir Main Stony Point, NC 28678	**Zone:** RA(Residential Agricultural District)

Property Owner
Collin Twombly
Home: (828) 514-6165

Applicant/Authorized Agent
Collin H Twombly
245 Fairchase Circle
Stony Point, NC 28678

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	28x56 home
What are the proposed structures	New Single-Family Residence - Mobile Home	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	none
Number of Occupants	6	Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Residential
Water Supply	New Well	Desired Septic System Type	No Preference	Has this project been approved by TRC	No
Lot Acreage	0.69	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

PERMIT SNAPSHOT REPORT (OSWP-2023-36563)

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	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Collin_Twombly_9/13/2023.jpg	09/13/2023 13:22	Twombly, Collin		Uploaded via CSS
Iredell Authorized Agent Form_v1.pdf	09/14/2023 10:02	Hart, Ronda	Available Online	Authorize to Act as Agent
245 and 251 Site Sketch_v1.pdf	09/14/2023 16:56	Kendrick, Brandi	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-147677	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	10/04/2023	10/04/2023 0:00	10/04/2023 0:00	10/04/2023 16:52	10/04/2023 16:52

Inspectors: McLeod, Grace (Primary)

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

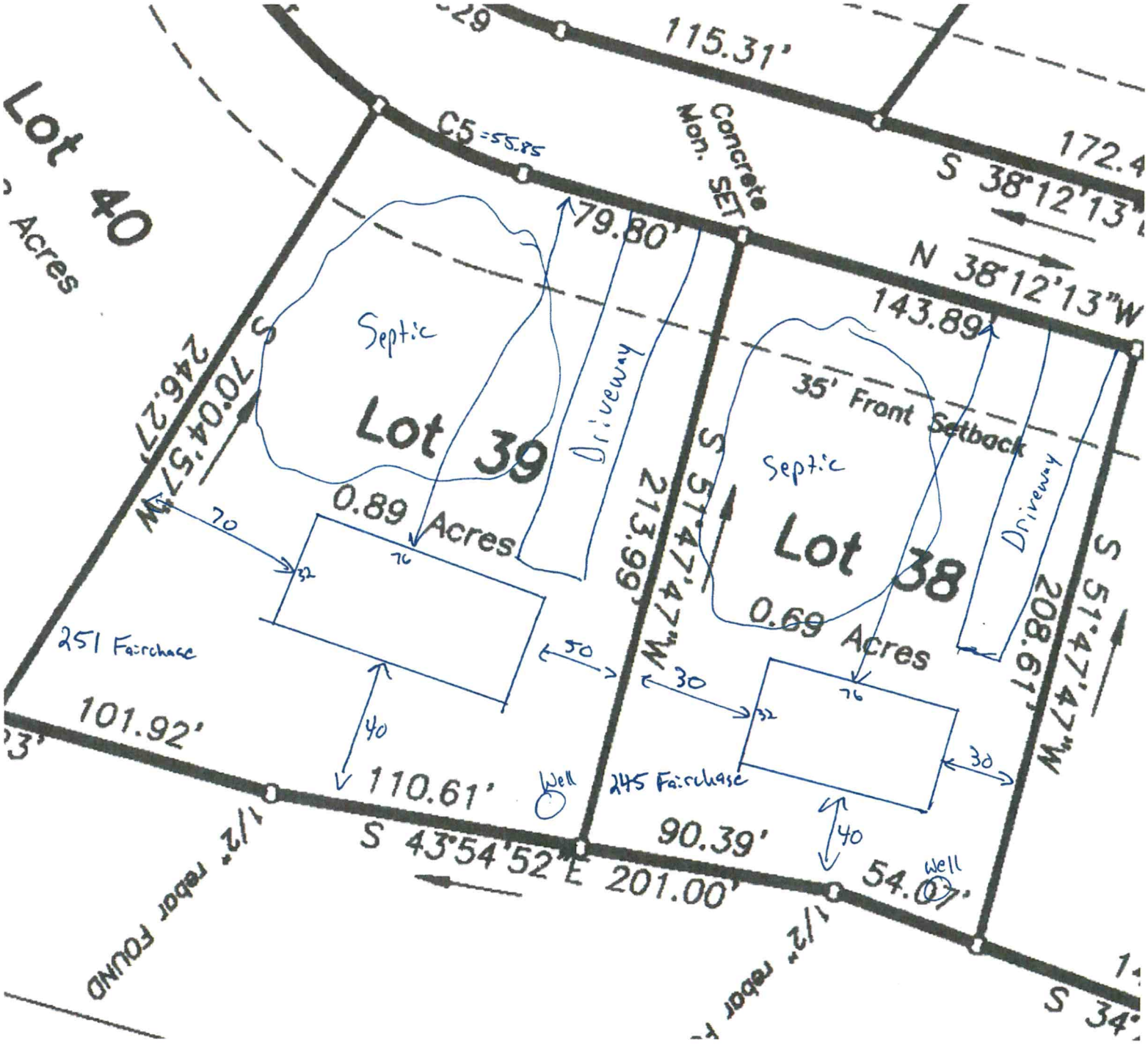
Note	Created By	Date and Time Created
1. Spoke to Collin on 9/15 regarding septic. He stated site would not be ready until 9/22 GM	Grace McLeod	09/19/2023 12:38
2. 9/25 Collin contacted me. stated site should be ready by the end of the week. GM	Grace McLeod	09/25/2023 11:08
3. 10/03 Collin emailed site will be ready today GM 10/04 Site Ready GM	Grace McLeod	10/03/2023 9:59

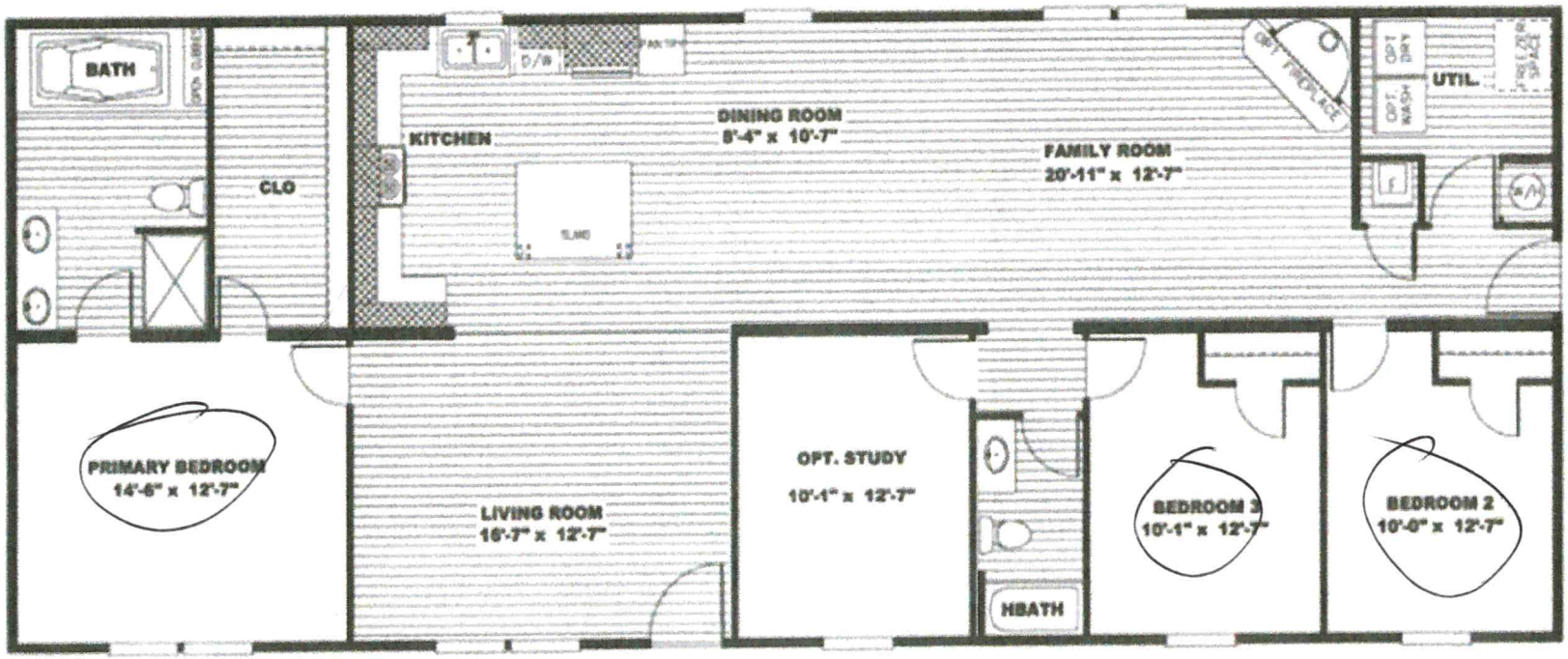
Invoice No.	Fee	Fee Amount	Amount Paid
INV-00020780	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00020780	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		09/14/2023 10:04	09/14/2023 10:04
Confirm application complete v.1	Generic Action		09/14/2023 10:04
Fees v.1		09/14/2023 16:59	09/19/2023 8:53
Issue Invoice v.1	Generic Action		09/14/2023 16:59
Fees Paid v.1	Generic Action		09/19/2023 8:53
Lot Readiness Verification v.1		10/04/2023 16:52	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/04/2023 16:52	10/04/2023 16:52
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		09/14/2023 16:59	09/19/2023 8:53
~~Floodplain Admin Overview v.1~~	Task		09/14/2023 16:59
Issue Invoice v.1	Generic Action		09/14/2023 16:59
Fees Paid v.1	Generic Action		09/19/2023 8:53
Issue Improvement Permit v.1			

PERMIT SNAPSHOT REPORT (OSWP-2023-36563)

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


Lot 40
Acres
115.31'
C5 =55.85
Concrete Mon. SET
172.4
S 38°12'13"
N 38°12'13"W
143.89'
79.80'
Septic
Lot 39
0.89 Acres
Driveway
S 70°04'57"W
246.27'
35' Front Setback
Septic
Lot 38
0.69 Acres
Driveway
S 51°47'47"W
213.99'
S 51°47'47"W
208.61'
70
32
76
30
40
251 Fairchase
101.92'
110.61'
Well
245 Fairchase
90.39'
54.07'
Well
S 43°54'52"E 201.00'
1/2" rebar FOUND
1/2" rebar
S 34°



Acknowledgement Of
Plans Submittal ONLY!

Matt Wi Date 1/9/24

Date