ICHD - ENVIRONMENTAL HEALTH DIVISION

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

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

BCX MANF - 2024 - 5885 T

PERMIT : OSWP2024 - 4/9/18

PIN # 3796 -- 87 -- 9063

APPLICANT/OWNER: Collin Twambly APPLICANT ADDRESS: 245 Fairchase Cir Stony Point, NC 28678

SITE ADDRESS: 206 Fairchase Cir Stony Point, NC 28678 PHONE: (828) 461-8966 ALT. PHONE (704) 596-9484

SITE DIRECTIONS: US 64-90, E Lackey Farm, Cherry Blossom, Sweet Cherry, Fairchase SAP CONTROLLED: ☐ YES ☑ NO

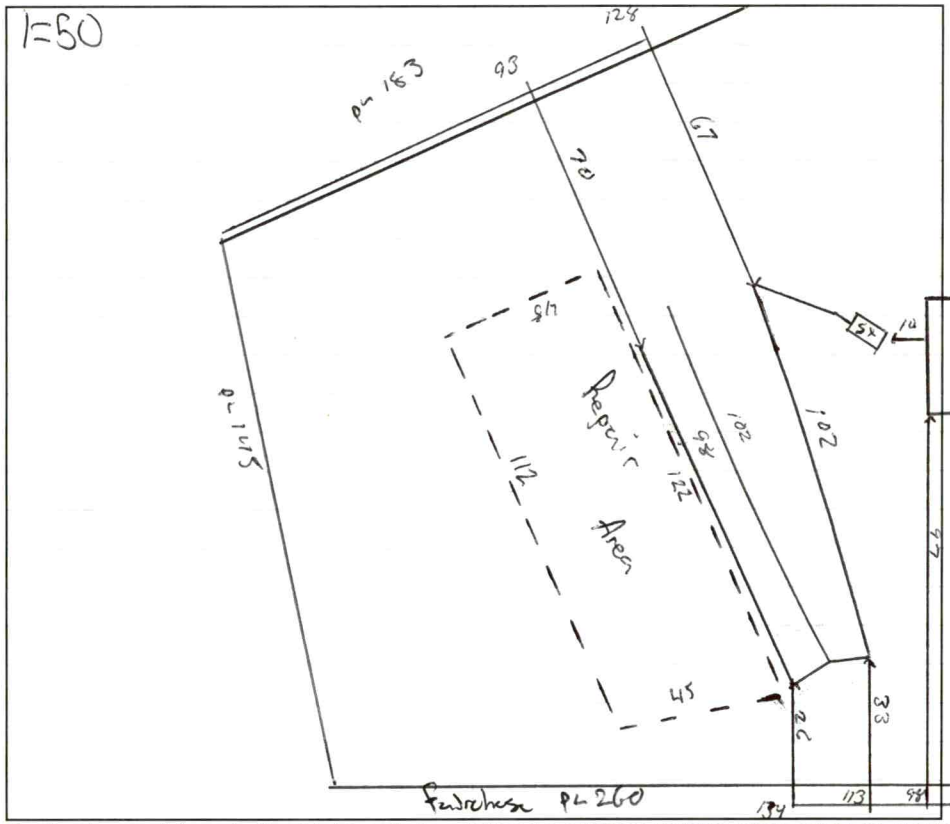
SUBDIVISION: Fieldcroft SECTION: 2 LOT # 63 LOT AREA: 1.31± DESIGN FLOW: 360 L.T.A.R.(Initial): .3 L.T.A.R (Repair): .3

Septic Tank	1000	(gal)	STB	160	Date	8-20-2024	☑ 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:	25% Reduction			
# Nitrification Fields	1	# Lines	3		Linear Ft	~~300~~ 300	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 in	*Max. Trench Depth(Initial)	30 in		*Max. Trench Depth(Repair)	30 in	Gravel Depth	N/A	☑ GRAVITY	☐ PRESSURE	
* 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 in	

☑ 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				
Usable Depth to LC (Repair):	48 in	*Limiting Condition*			

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

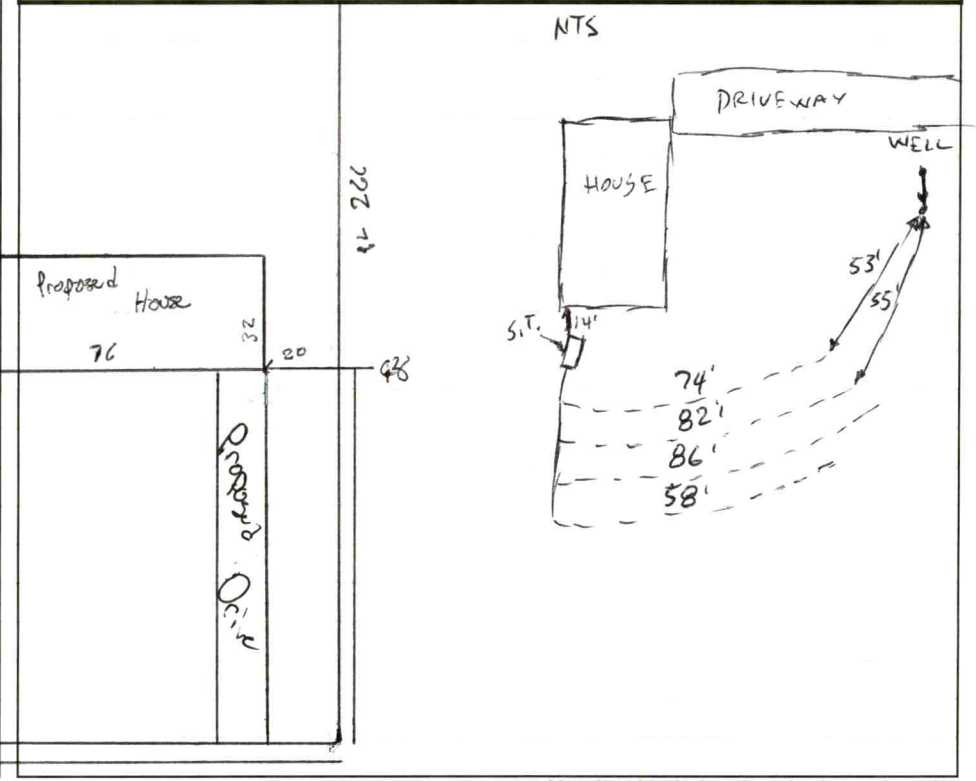
INITIAL SITE SKETCH



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.



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: K + N GRADING

IMPROVEMENT PERMIT by: Matt Wilk Date: 4/30/24 OPERATION PERMIT by: Bryant C. White Date: 10-28-2024

AUTHORIZATION TO CONSTRUCT by: Matt Wilk Date: 8/6/24 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 #: 3796879063
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Collin Twombly
DATE EVALUATED: 4/23/24
ADDRESS: 245 fair chase Cir Stony Point, NC 28678
PROPOSED FACILITY:
PROPOSED DESIGN FLOW (.0400):
PROPERTY SIZE: 1.31 AC
LOCATION OF SITE: 206 Fairchase Cir Stony Point, NC 28678
PROPERTY RECORDED: yes
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other
WATER SUPPLY SETBACK: 10ft
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	LS 12%	0-26	C / SBK	SS SP FR SE	-	50	SAP inclusions in CL	-	.3	5
		26-50	CL / SBK	SS SP FI SE						
2	LS 16%	0-33	C / SBK	SS SP FR SE	-	60	SAP inclusions 40%	-	.3	6
		33-50	CL / SBK	SS SP FI SE						
3	LS 14%	0-32	C SBK	SS SP FR SE	-	52	SAP inc in CL layer	-	.3	6
		32-52	CL SBK	SS SP FR SE						
4	LS 10%	0-36	C SBK	SS SP FR SE	-	57	SAP inc in CL layer	-	.3	4
		36-57	CL SBK	SS SP FR SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	360	360
System Type(s)	25%	25%
Site LTAR	.3	.3
Maximum Trench Depth	36in	36in

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Matthew W
OTHER(S) PRESENT: Cory W

Comments:

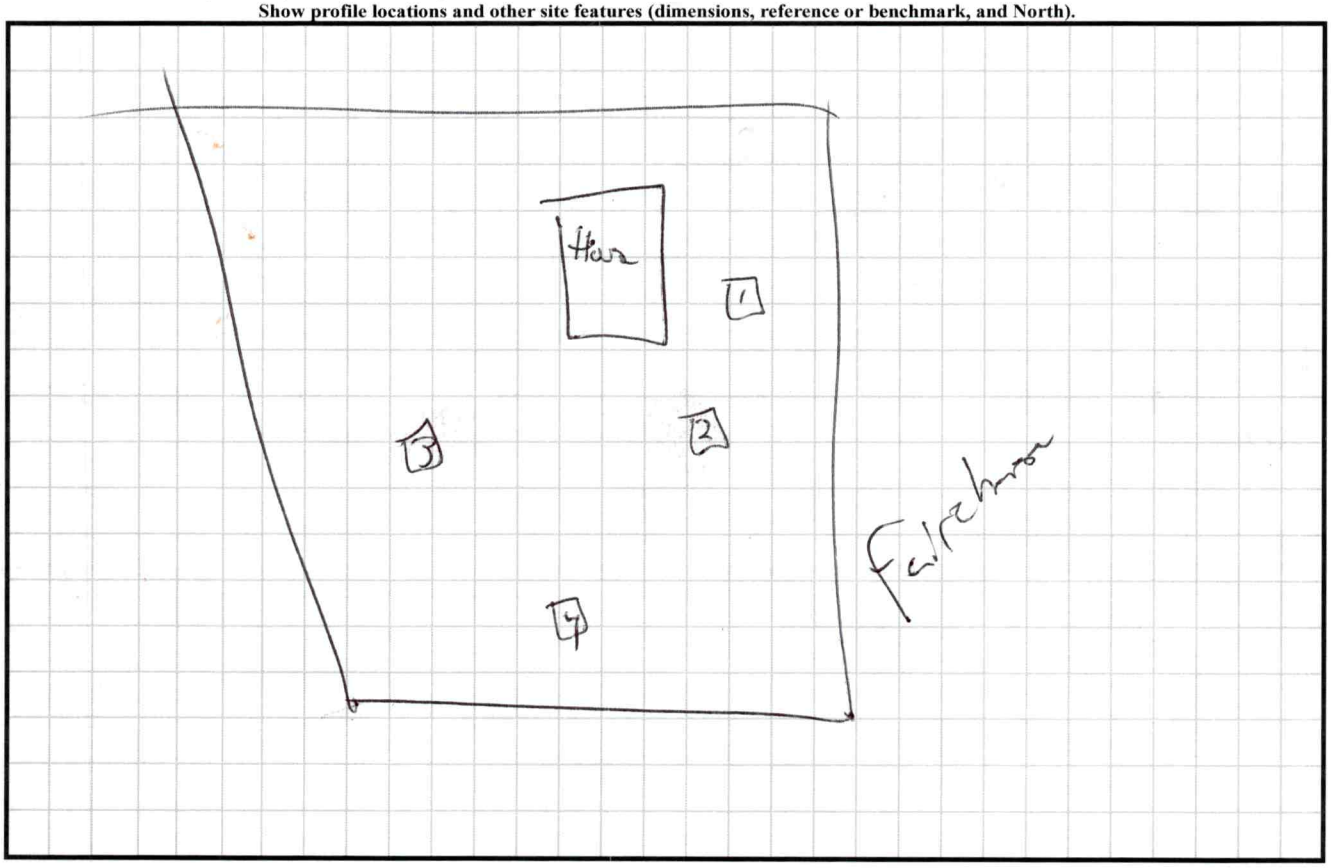
LEGEND

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).



3796-86-6783
196
187
148
57
3796-86-2854
92
3796-86-9873
3796-86-7901
182
266
53
56
132
3796-96-2929
182
260
206
3796-87-9063
224
55
Fairchase Cir
182
3796-87-7019
183
244
3796-97-1144
145
165
310
54
3796-87-9297
238
129
3796-87-7216
Fairchase
3796-97-23
3796-97-2404
3796-86-7433

PERMIT SNAPSHOT REPORT OSWP-2024-49918 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	03/26/2024
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:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: FEES PAID ON OSWP-2023-28675. installing new manufactured home on the property, max box size of 32 by 76. Site visit complete and is ready 4/12/24-BM

Parcel: 3796879063.000 Main	**Address:** 206 Fairchase Cir Stony Point, NC 28678 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent Jake Aaron Home: (828) 461-8966	Applicant/Authorized Agent Jacob Aaron Home: (704) 996-9484	Property Owner Collin H Twombly 245 Fairchase Circle Stony Point, NC 28678	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	manufactures house, only proposed structure
What are the proposed structures	New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Modular	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Has this project been approved by TRC	No	Lot Acreage	1.31	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Apr 12 2024 12:00AM	Zoning Permit Expiration Date	Oct 9 2024 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 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

PERMIT SNAPSHOT REPORT (OSWP-2024-49918)

	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	Watershed	NOT IN A WATERSHED

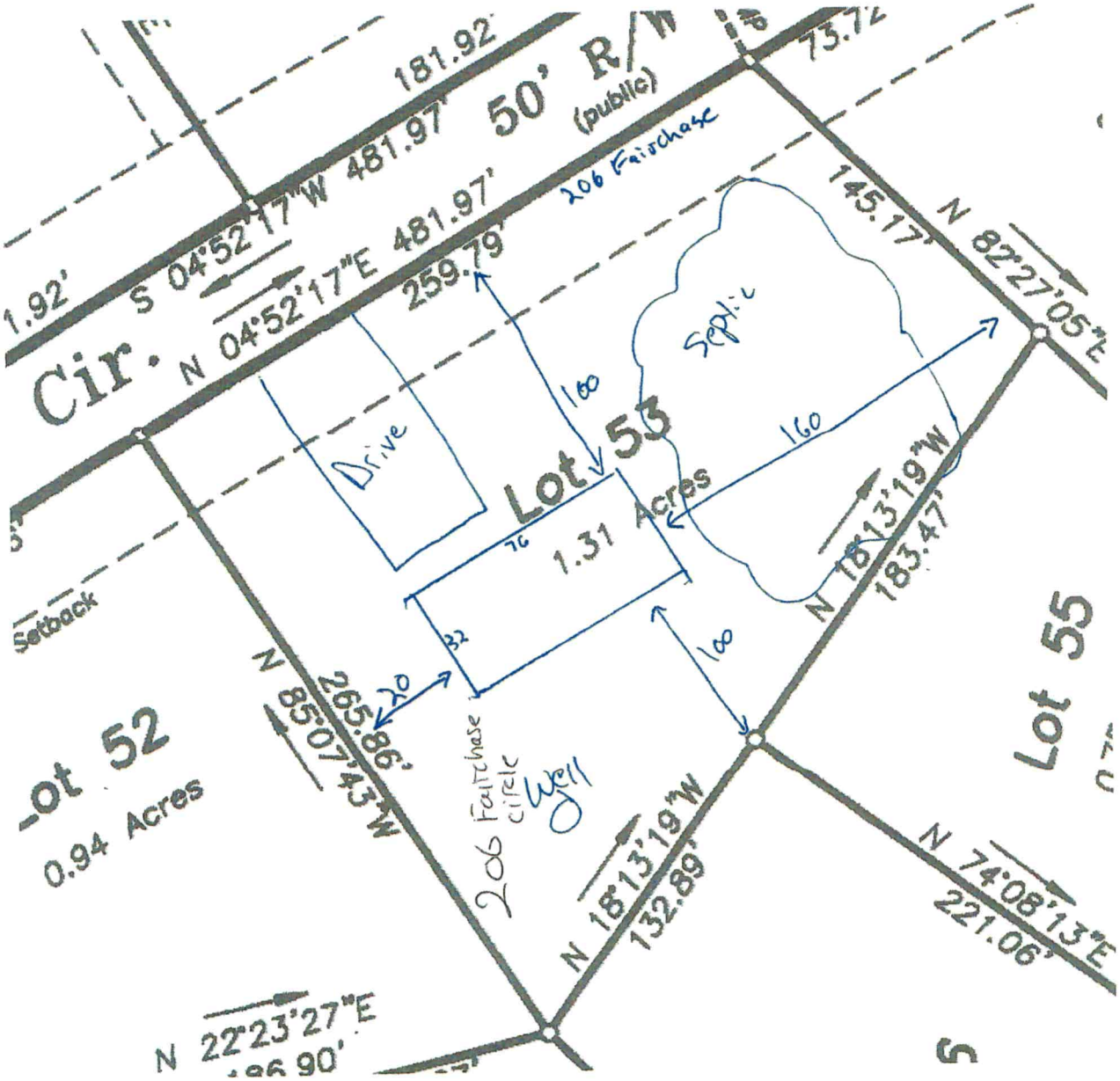
Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Collin_Twombly_3/26/2024.jpg	03/26/2024 11:46	Twombly, Collin		Uploaded via CSS
Iredell Authorized Agent Form_v1.pdf	03/26/2024 15:12	Twombly, Collin	Available Online	
206 site plan_v1.pdf	03/26/2024 15:33	Twombly, Collin	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-205418	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	04/12/2024	04/12/2024 0:00	04/12/2024 0:00	04/12/2024 10:46	04/12/2024 10:46

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	

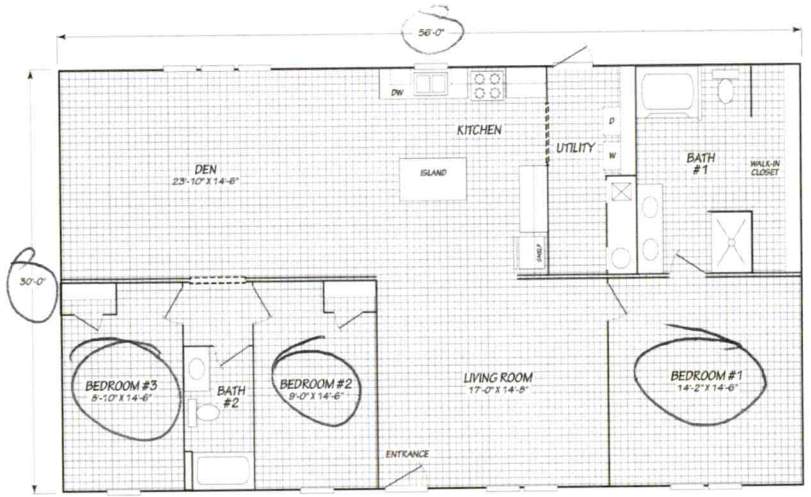
Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		03/26/2024 15:12	03/26/2024 15:13
Confirm application complete v.1	Generic Action		03/26/2024 15:13
~~Fees v.1~~			04/11/2024 11:30
~~Issue Invoice v.1~~	Generic Action		04/11/2024 11:30
~~Fees Paid v.1~~	Generic Action		04/11/2024 11:30
Zoning Review v.1		03/26/2024 15:29	04/11/2024 12:26
~~Floodplain Admin Overview v.1~~	Task		03/26/2024 15:29
Iredell County Zoning Approval v.1	Task	03/26/2024 15:29	04/11/2024 12:26
~~Issue Invoice v.1~~	Generic Action		04/11/2024 11:28
~~Fees Paid v.1~~	Generic Action		04/11/2024 11:29
Lot Readiness Verification v.1		04/12/2024 10:46	
OSWP Septic Preliminary Site Visit v.1	Inspection	04/12/2024 10:46	04/12/2024 10:47
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		


181.92
50' R/W
(public)
73.72
206 Fairchase
S 04°52'17"W 481.97'
N 04°52'17"E 481.97'
259.79'
145.17'
N 82°27'05"E
1.92'
Cir.
Septic
Drive
100
Lot 53
160
1.31 Acres
76
32
20
Setback
N 18°13'19"W
183.47'
Lot 55
N 85°07'43"W
265.86'
100
206 Fairchase cirle
well
-ot 52
0.94 Acres
N 18°13'19"W
132.89'
N 74°08'13"E
221.06'
N 22°23'27"E
196.90'

Floor Plan: Phoenix 32563A
3 Bedrooms, 2 Bathrooms, 1680 Square Feet
Series: Phoenix | Type: Manufactured | Sections: Double-wide

SCAN FOR MORE DETAILS

FLOOR PLAN



Because we have a continuous product updating and improvement process, prices, plans, dimensions, features, materials, specifications and availability are subject to change without notice or obligation. Please refer to working drawings for actual dimensions. Renderings and floor plans are artist's depictions only and may vary from the completed home. Square footage calculations and room dimensions are approximate subject to industry standards. Some features shown are optional.

*Pricing information is provided for informational purposes only, actual prices may vary and may only be obtained from your retail dealer. Pricing does not include taxes, site preparation costs beyond the services listed or delivery outside of the stated delivery area. Nothing contained herein or on the Web Site constitutes an offer to sell any product or service, and no binding obligations will arise until you and your retail model center have executed final sales documents. We reserve the right to change prices at any time and without notice or obligation. Not responsible for typos. Please contact the retailer to confirm the most current price.

Cavco
106 Innovative Way
Hamlet, NC 28345

cavco.com

Copyright © 2024 Cavco Industies, Inc. All rights reserved.