CW BLDR-2023-37571*

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-23975

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

PIN # 3793 -- 13 -- 9644

APPLICANT/OWNER: Building Company No. 7 LLC APPLICANT ADDRESS: 515 East Statesville Ave, Mooresville, NC 28115

SITE ADDRESS: 130 Broken Arrow Dr, Statesville, NC 28677 PHONE: (980) 373-3669 ALT. PHONE

SITE DIRECTIONS: I-40W exit 141, (L) Shereen School, (L) Mock Mill, (R) Broken Arrow SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Buffalo Shoals National Golf Club Estates SECTION: LOT # 7 LOT AREA: .59 Ac DESIGN FLOW: 360 L.T.A.R.: .275

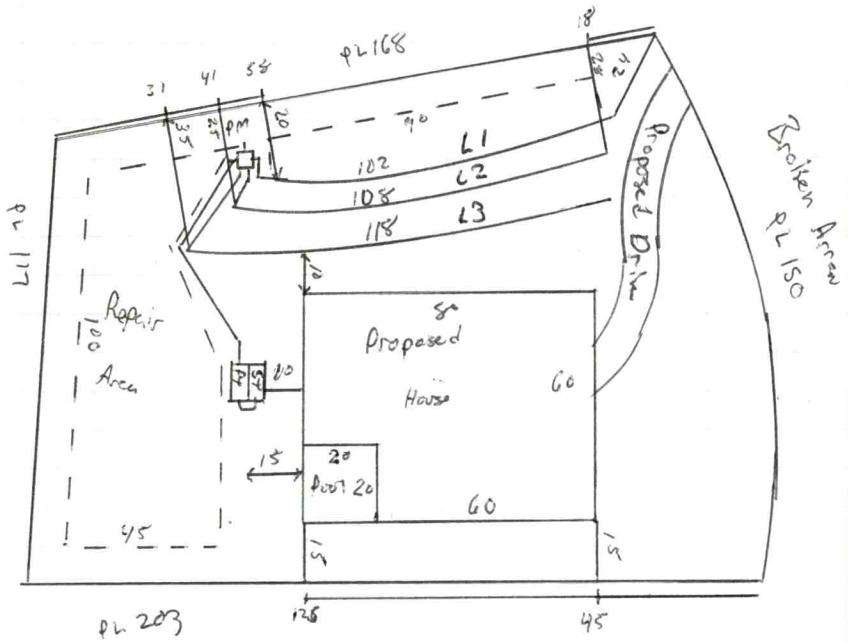
Septic Tank	1000 (gal)	STB	760	Date	1-16-24	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms 3	Water Supply
Pump Tank	1000 (gal)	PT	363	Date	3-8-24	System Description: 25% Reduction - PM				☐ Business	No. Persons 6	☐ Private
Pump Make	Zoeller	Model	156B	Serial #		Repair System Description: 50% Reduction - LPP				☐ Other	No. Employees	☑ Public
# Nitrification Fields	1	# Lines	3	Linear Ft	328	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space	☐ Community
Trench Width	36in	Trench Bottom Depth(Low side)	24 in	Gravel Depth	N/A		☐ GRAVITY	☑ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: Install on contour with 4ft on center, NO foundation drain on 60ft side of house. Do not drive, park or construct on septic areas.

5009 - Lowe Box Code

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.

Taps
L1 + L2: 3/4" sch 80 @ 10.1
L3 s 3/4" sch 40 @ 12.5
Flow: 32.7
Time: 4.5
Drawdown: 7
Dose: 213

Tanks - SH 4/29/24

All tap 1" sch 40

Lines
PM
PH
Alarm
Floats
} SH 4/30/24

*Needs electrical
Electrical SH 7/1/24

See attached as-built

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: Precision

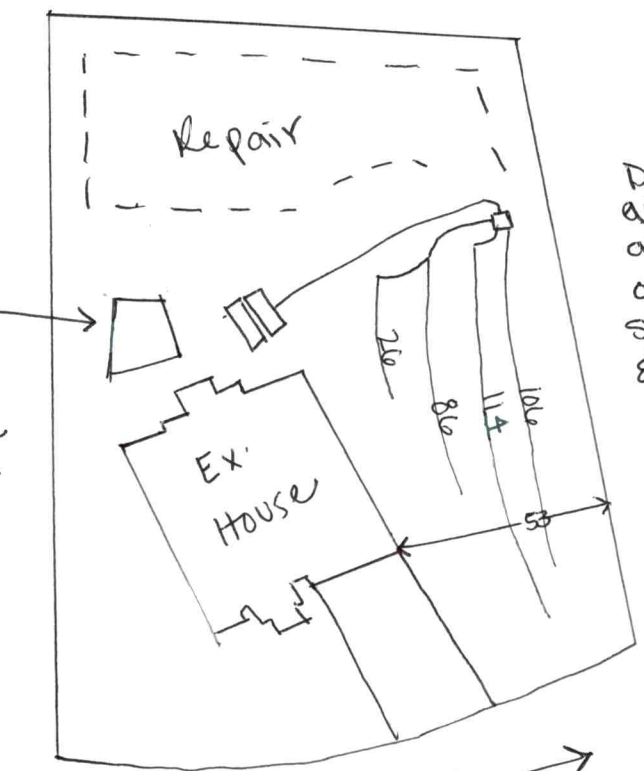
IMPROVEMENT PERMIT by: Matt Wilkie Date: 6/2/23 OPERATION PERMIT by: Sydney Smeand Date: 7/1/24

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 6/16/23 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? _____	



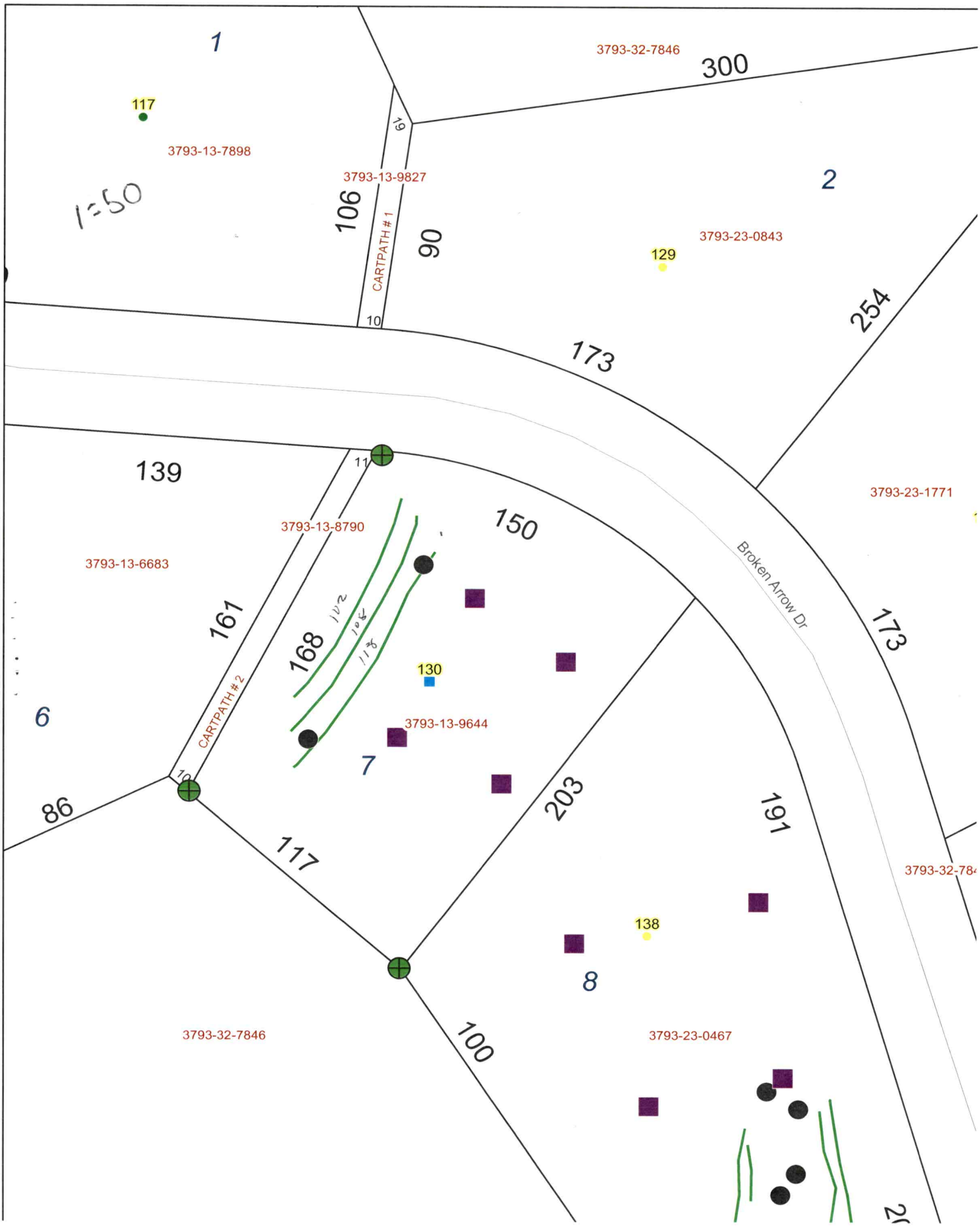
Possible Pool, no pool marked in field at time of inspection

Driveway cut affected drainfield area. Met w/ installer on 4/29/24 about spliting the last line & serial feeding it.

↙ shown in as built.

All taps 1/2 sch 40

-Sydney Holland


1
3793-32-7846
300
117
3793-13-7898
1=50
19
3793-13-9827
106
CARTPATH #1
90
2
3793-23-0843
129
10
254
173
139
11
3793-23-1771
3793-13-8790
150
3793-13-6683
Broken Arrow Dr
161
168
130
CARTPATH #2
6
3793-13-9644
7
10
86
117
203
191
3793-32-784
138
8
3793-32-7846
100
3793-23-0467

Sheet 1 of 1
PROPERTY ID #: 3793139644
COUNTY: Iredell

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

OWNER: Building Company NO 7 APPLICATION DATE 5/2/23
ADDRESS: 515 E Statesville DATE EVALUATED: 5/23/23
PROPOSED FACILITY: SFD PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: .594c
LOCATION OF SITE: 130 Broken Arrow PROPERTY RECORDED: yes
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Side Slope 8-10%	0-28	C SBK	S p FR SE	2.5Y 4/6	46	-	NA	PS .275
		28-46	CL ABK	S p FR					
2	LS 10%	0-8	SCL/Gr	SS sp fr SE	-	60	Sap inclusions in CL	-	PS .3
		8-30	C/SBK	SS sp fr SE					
		30-50	CL/SBK	SS sp fr SE					
3	LS 10%	0-10	SCL/Gr	SS sp fr SE	YB at 26-30	48	-	-	PS NP .275
		10-26	C/ABK	SS sp fr SE					
		26-48	CL/ABK	SS sp fr SE					
4	LS 10%	0-20	C/SBK	SS sp fr SE	-	43	Sap inclusions 32+	-	PS .3
		20-43	CL/SBK	SS sp fr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	50%
Site LTAR	.275	.273

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W
OTHER(S) PRESENT: Ben Botkin

COMMENTS: Changed to 3BR. House will not have foundation drain make 10 ft cut

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.

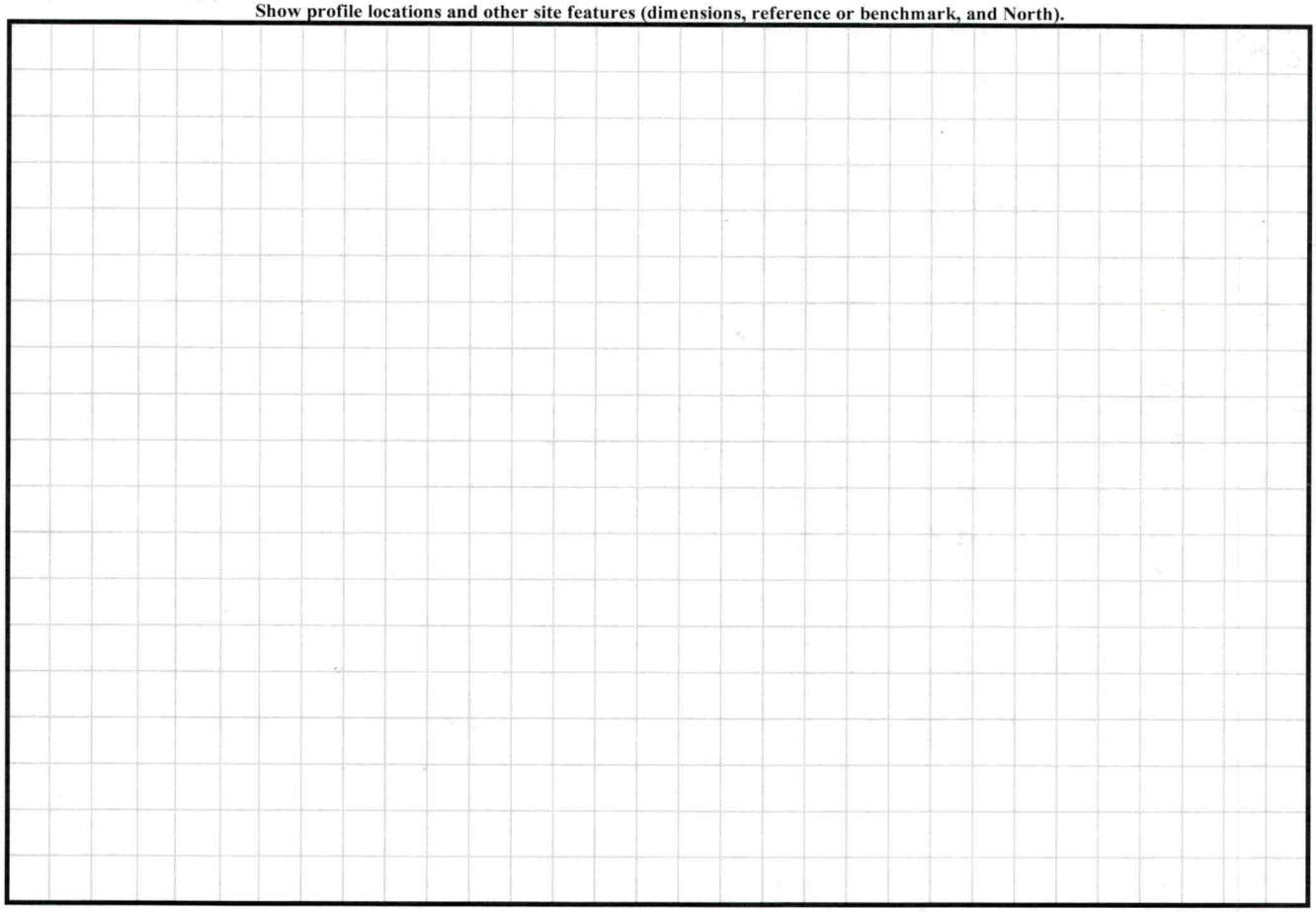
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-23975 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Wilkinson, Matthew

App Date: 05/02/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: HOUSE BOXES ARE NOW MARKED- JEREMEY WILL HAVE BACKHOES OUT THERE TO CLEAR MORE AS NEEDED FOR SEPTIC new home build APPLYING FOR IP-AC I WOULD LIKE AN NON EXPIRING PERMIT (NOTE: I HAVE 5 APPLICATIONS PLEASE DO THEM AT THE SAME TIME: OSWP #'S 23981-23975-23984-23985-23979)

Parcel: 3793139644.000 Main

Address: 130 Broken Arrow Dr Main
Statesville, NC 28677

Zone: RA(Residential Agricultural District)

Applicant/Authorized Agent
Building Company No.7 LLC
725 Houston Rd 515 East
statesville ave
Troutman, NC 28166
Business: (985) 373-3669
Mobile: (985) 373-3669

Property Owner
FAIRWAYS AT RIVER OAKS LLC
104 COMANCHE CT
STATESVILLE, NC 28677

Permit Custom Fields

How is your site plan being submitted	Survey Plat	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	80'x70'
What are the proposed structures	New Single Family Residence, Swimming Pool	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_jeremy_comeaux_5/2/2023.jpg	05/02/2023 14:46	comeaux, jeremy		Uploaded via CSS
130 BROKEN ARROW DR AUTHORIZE AN OWNER.pdf	05/02/2023 16:00	COMEAUX, DEBRA	Available Online	AUTHORIZE AN OWNER
Scan0358_v1.pdf	05/02/2023 16:22	Nebel, Barbara	Available Online	Authorize to Act as Agent
130 BROKEN ARROW DR NEW SITE PLAN.pdf	05/03/2023 9:31	COMEAUX, DEBRA	Available Online	NEW SITE PLAN
130 broken arrow site plan.pdf	05/03/2023 10:02	Horton, Amanda		

Note	Created By	Date and Time Created
1. talked to Leslie about the cartpath and she said 15' off that side is good	Amanda Horton	05/03/2023 9:56
2. Jeremy is waiting on the surveyor to mark PL and HB, will text/call once ready.	Sarah Bracken	05/04/2023 8:58

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00013239	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00013239	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

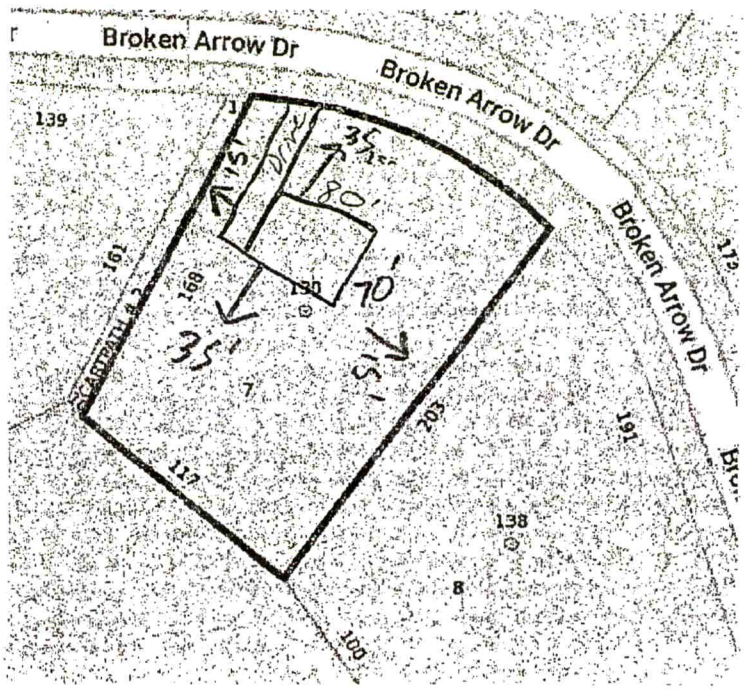
PERMIT SNAPSHOT REPORT (OSWP-2023-23975)

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		05/02/2023 16:23	05/02/2023 16:23
Confirm application complete v.1	Generic Action		05/02/2023 16:23
Fees v.1		05/03/2023 10:04	05/03/2023 13:32
Fees Paid v.1	Generic Action		05/03/2023 13:32
Issue Invoice v.1	Generic Action		05/03/2023 10:04
Zoning Review v.1		05/02/2023 16:24	05/03/2023 15:27
~~Floodplain Admin Overview v.1~~	Task		05/03/2023 10:04
Iredell County Zoning Approval v.1	Task	05/02/2023 16:24	05/03/2023 15:27
Issue Invoice v.1	Generic Action		05/03/2023 10:04
Fees Paid v.1	Generic Action		05/03/2023 13:32
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
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		

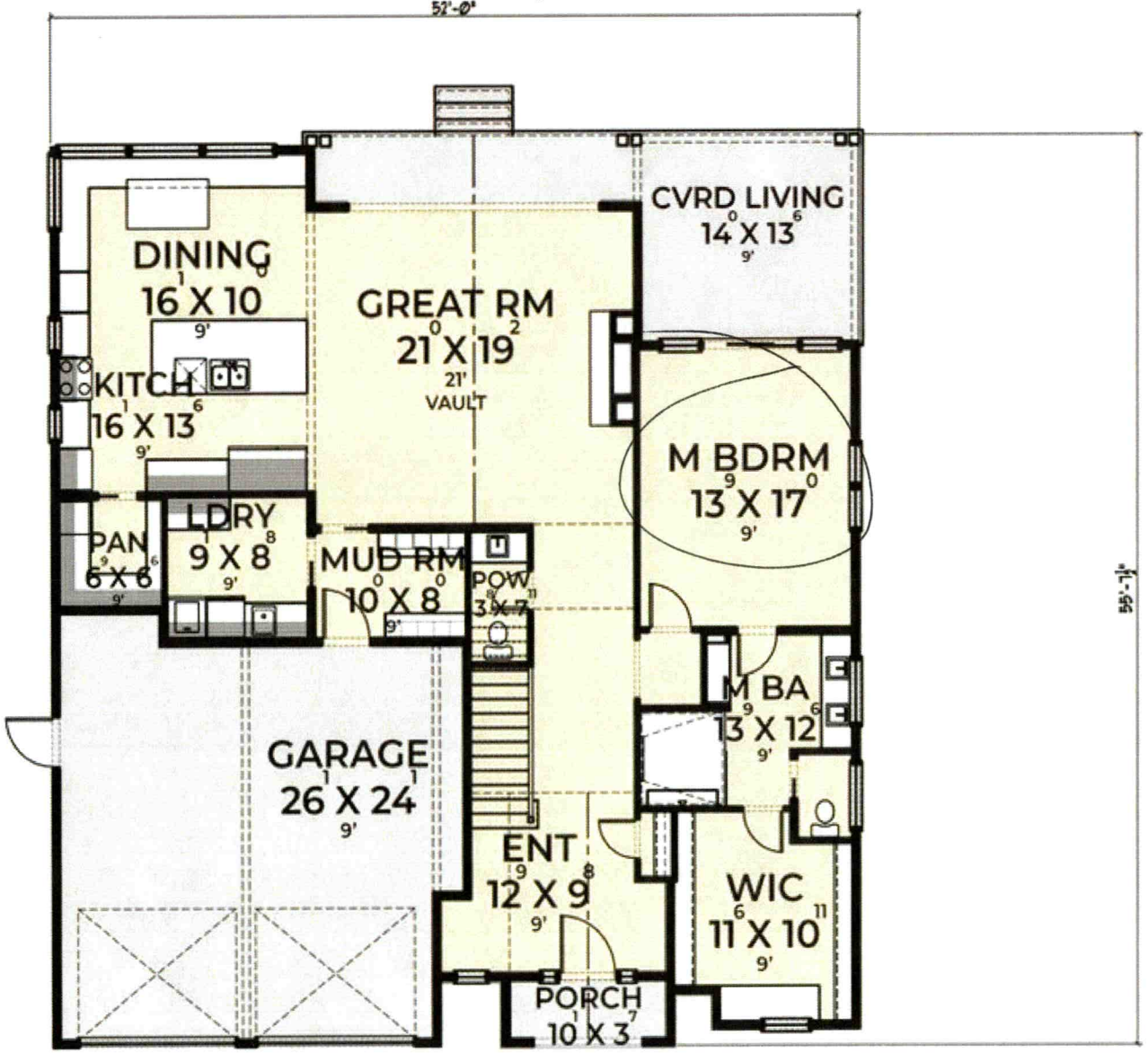
130 Broken Arrow

River Oaks

Lot 7



62

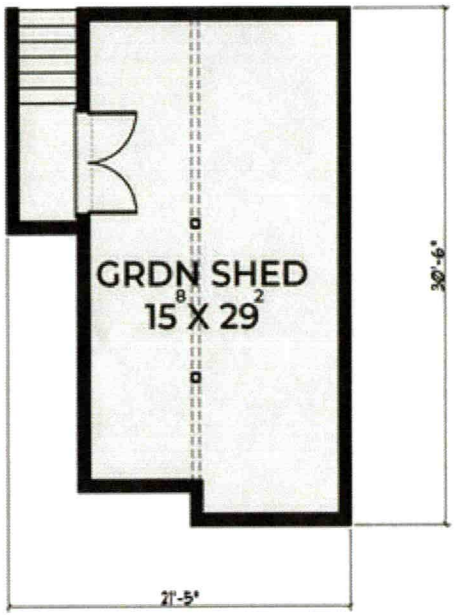


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MAIN FLOOR PLAN

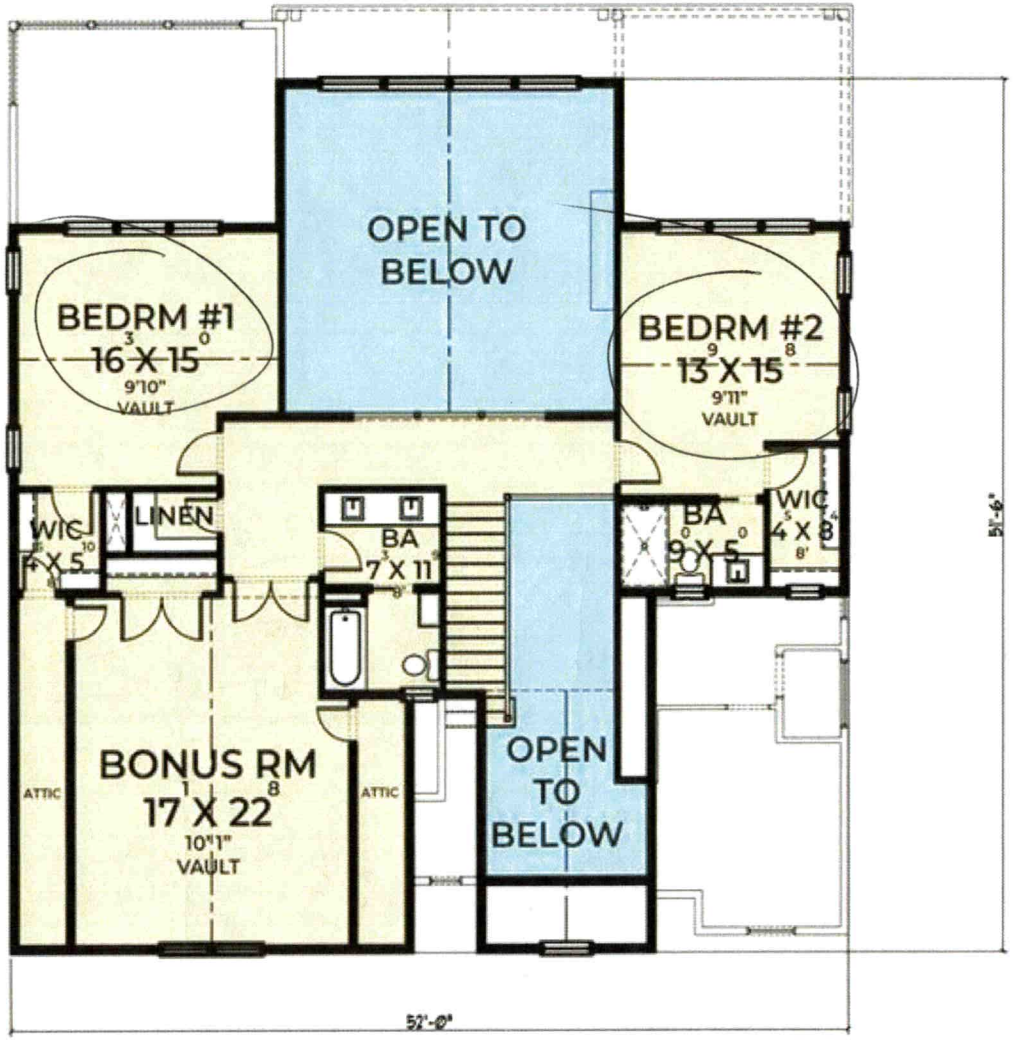
SCALE 1/4" = 1'-0"

BONUS SQ. FOOTAGE ADDED TOTAL LIVING



GARDEN SHED FLOOR PLAN

SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN

SCALE 1/4" = 1'-0"

112

