ICHD - ENVIRONMENTAL HEALTH DIVISION

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

CW MANF-2023-21939

PERMIT # 2023-17714

PIN # 4705 -- 76 -- 7050

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

APPLICANT/OWNER: A-1 Backhoe Inc | APPLICANT ADDRESS: 3378 Jennings Rd, Union Grove, NC 28689

SITE ADDRESS: 122 Gemstone Dr, Statesville, NC 28625 | PHONE: (704) 902-4010 | ALT. PHONE: -

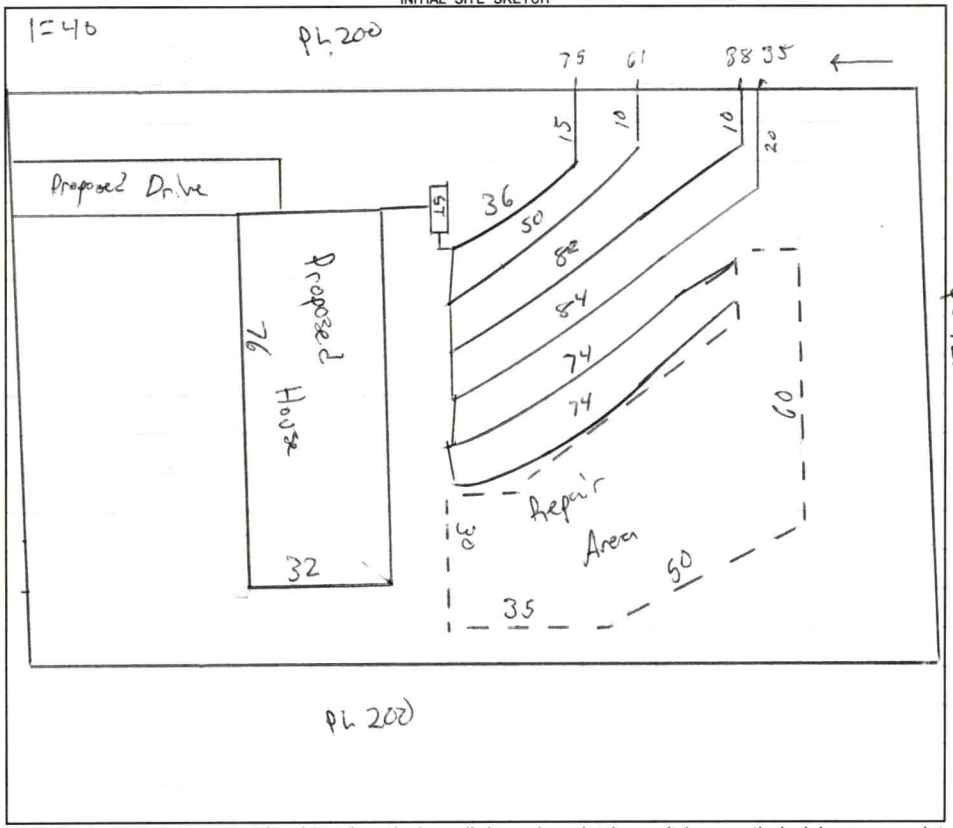
SITE DIRECTIONS: (L) Lippard Farm (L) Stones Edge, (L) Gemstone | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Stones Edge | SECTION: - | LOT # 25 | LOT AREA: .551 Ac | DESIGN FLOW: 480 | L.T.A.R.: .3

Septic Tank	1000 (gal)	STB 254	Date: 4-20-23	☑ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms	4	**Water Supply**	
Pump Tank	(gal)	PT	Date	System Description:	25% Reduction - Serial	☐ Business	No. Persons	8	☐ Private	
Pump Make		Model	Serial #	Repair System Description:	50% Reduction - Horizontal	☐ Other	No. Employees		☑ Public	
# Nitrification Fields	1	# Lines 6	Linear Ft 400	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☑ Crawl Space		☐ Community	
Trench Width	36in	Trench Bottom Depth	32 in max	Gravel Depth	N/A	☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

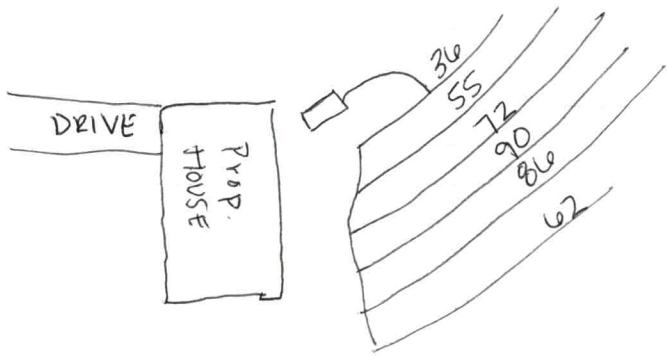
Comments / Conditions: Install on contour with 4ft on center. Do not drive, park or construct on proposed septic area.

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: AJ Backhoe

IMPROVEMENT PERMIT by: Mattie Wilkie | Date: 4/5/23 | OPERATION PERMIT by: Sydney Holland | Date: 4/13/23

AUTHORIZATION TO CONSTRUCT by: Mattie Wilkie | Date: 4/12/23 | 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? _____	

Sheet 1 of 1
PROPERTY ID #: 9705767030
COUNTY: Iredell

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

OWNER: A-1 Backhoe
ADDRESS: 3348 Jennings
PROPOSED FACILITY: 3BR
LOCATION OF SITE: LL Gemstone
PROPOSED DESIGN FLOW (.1949): 420
APPLICATION DATE 3/1/23
DATE EVALUATED: 4/13/23
PROPERTY SIZE: .55 Ac
PROPERTY RECORDED: Y/CS
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	LS 5%	0-22	CL/SBK	ss sp fr SE	-	57	Sap inclusions 40%	-	PS .3
		22-50	CL/SBK	ss sp fi SE					
2	LS 6%	0-30	C/SBK	ss sp fr SE	-	52	Sap inclusions 40%	-	PS .3
		30-52	CL/SBK	ss sp fi SE					
3	LS 6%	0-30	C/SBK	ss sp fi SE	10YR 6/2 at 40"	54	Sap inclusions 30-34	-	PS .3 Shallow
		30-54	CL/SBK	ss sp fi SE					
4	FS 4%	0-24	C/SBK	ss sp fr SE	YB at 28 10YR 6/2 44	54	-	-	PS .275
		24-54	CL/SBK	ss sp fr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	480	460
System Type(s)	25%	50%
Site LTAR	.3	.275

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.

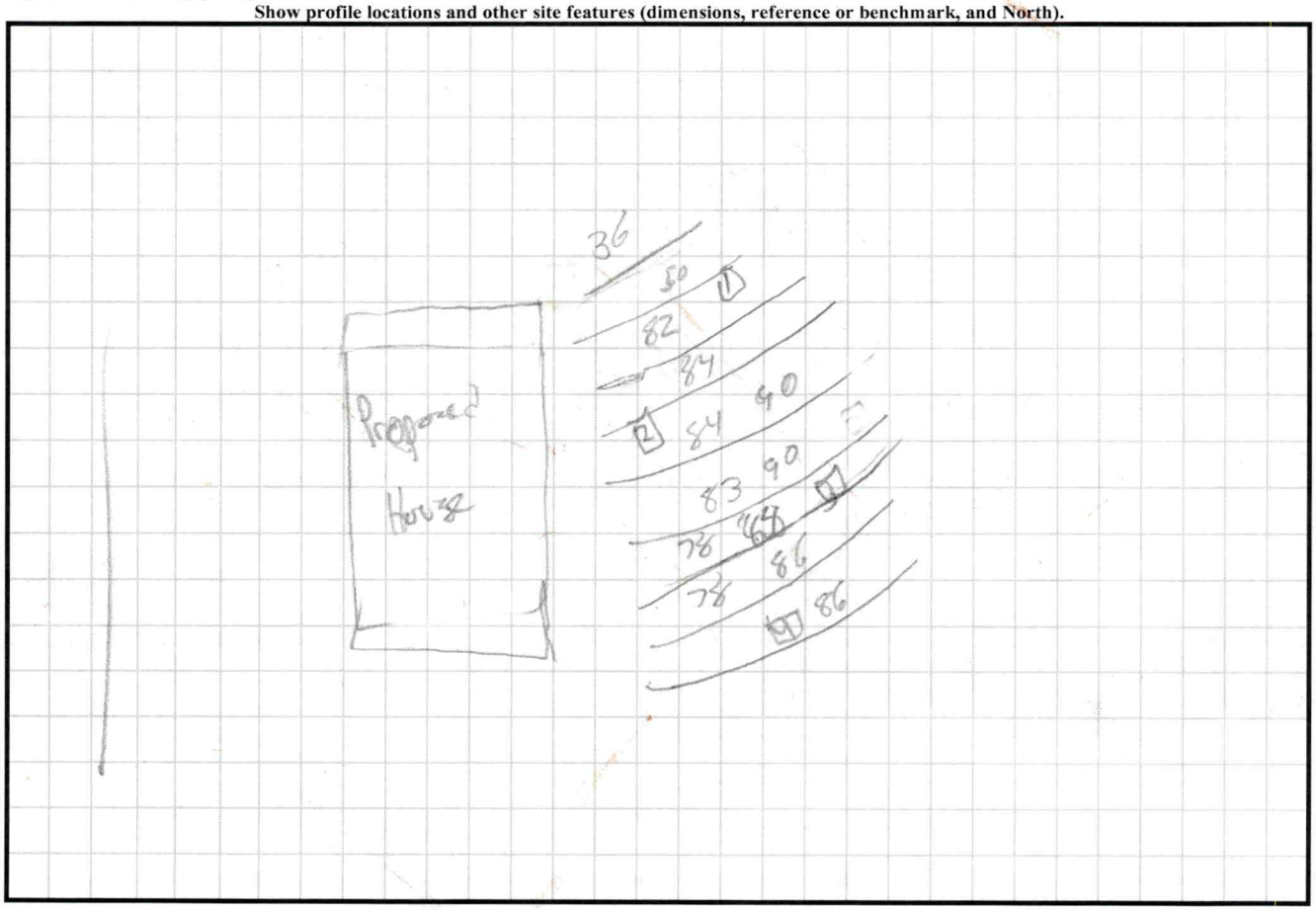
NOTES

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).



Grass done

682

641 needed

Updated February 2014

PERMIT SNAPSHOT REPORT OSWP-2023-17714
FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Description: New Septic Permit for 4 BR Doublewide

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

App Date: 03/01/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4705767050.000 Main
Address: 122 Gemstone Dr Statesville, NC 28625 Main
Zone: RA(Residential Agricultural District)

Property Owner
1ST CHOICE HOUSING INC
119 Beechnut Ln
Statesville, NC 28625
Business: (704) 682-3848

Applicant/Authorized Agent
WILLIAM R II+CHRISTIE D FOSTER MAY MAY

Applicant/Authorized Agent
William R May
3348 Jennings Road
Union Grove, NC 28689
Mobile: (704) 902-4010

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	32' x 76' doublewide with two 6x6 attached porches. (One at front door and one at back door).
Maximum Number of Bedrooms	4	If other Addition/Structure, please explain		Number of Occupants	8
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	0.551
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Mar 17 2023 12:00AM	Zoning Permit Expiration Date	Sep 13 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
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_William_May_3/1/2023.jpg	03/01/2023 8:44	May, William		Uploaded via CSS
Auth to Act Lot #25 Gemstone_v1.pdf	03/03/2023 16:35	Nebel, Barbara	Available Online	Authorize to Act as Agent
Site Plan Lot #25 Gemstone_v1.pdf	03/03/2023 16:35	Nebel, Barbara	Available Online	Site Plan
Site plan .pdf	03/17/2023 10:20	Williams, Deborah		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-76032	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/28/2023	03/28/2023 0:00	03/28/2023 0:00	03/28/2023 13:14	03/28/2023 13:14

Inspectors: Holland, Sydney (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-00010763	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00

PERMIT SNAPSHOT REPORT (OSWP-2023-17714)

Total for Invoice INV-00010763	$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		03/03/2023 16:35	03/03/2023 16:35
Confirm application complete v.1	Generic Action		03/03/2023 16:35
Zoning Review v.1		03/03/2023 16:35	03/22/2023 15:31
Iredell County Zoning Approval v.1	Task	03/03/2023 16:35	03/22/2023 15:31
Issue Invoice v.1	Generic Action		03/17/2023 10:21
Fees Paid v.1	Generic Action		03/22/2023 15:31
Fees v.1		03/22/2023 15:31	03/22/2023 15:31
Issue Invoice v.1	Generic Action		03/22/2023 15:31
Fees Paid v.1	Generic Action		03/22/2023 15:31
Lot Readiness Verification v.1		03/28/2023 13:14	
OSWP Septic Preliminary Site Visit v.1	Inspection	03/28/2023 13:14	03/28/2023 13:15
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 v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

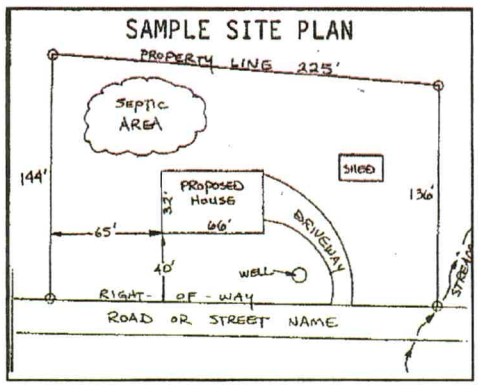
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- ( ) **Property Line measurements are clearly identified**
- ( ) **All proposed structures are indicated**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location**
- ( ) **Preferred well location**
- ( ) **Preferred septic system location**
- ( ) **North arrow, or other sufficient indicator of direction**

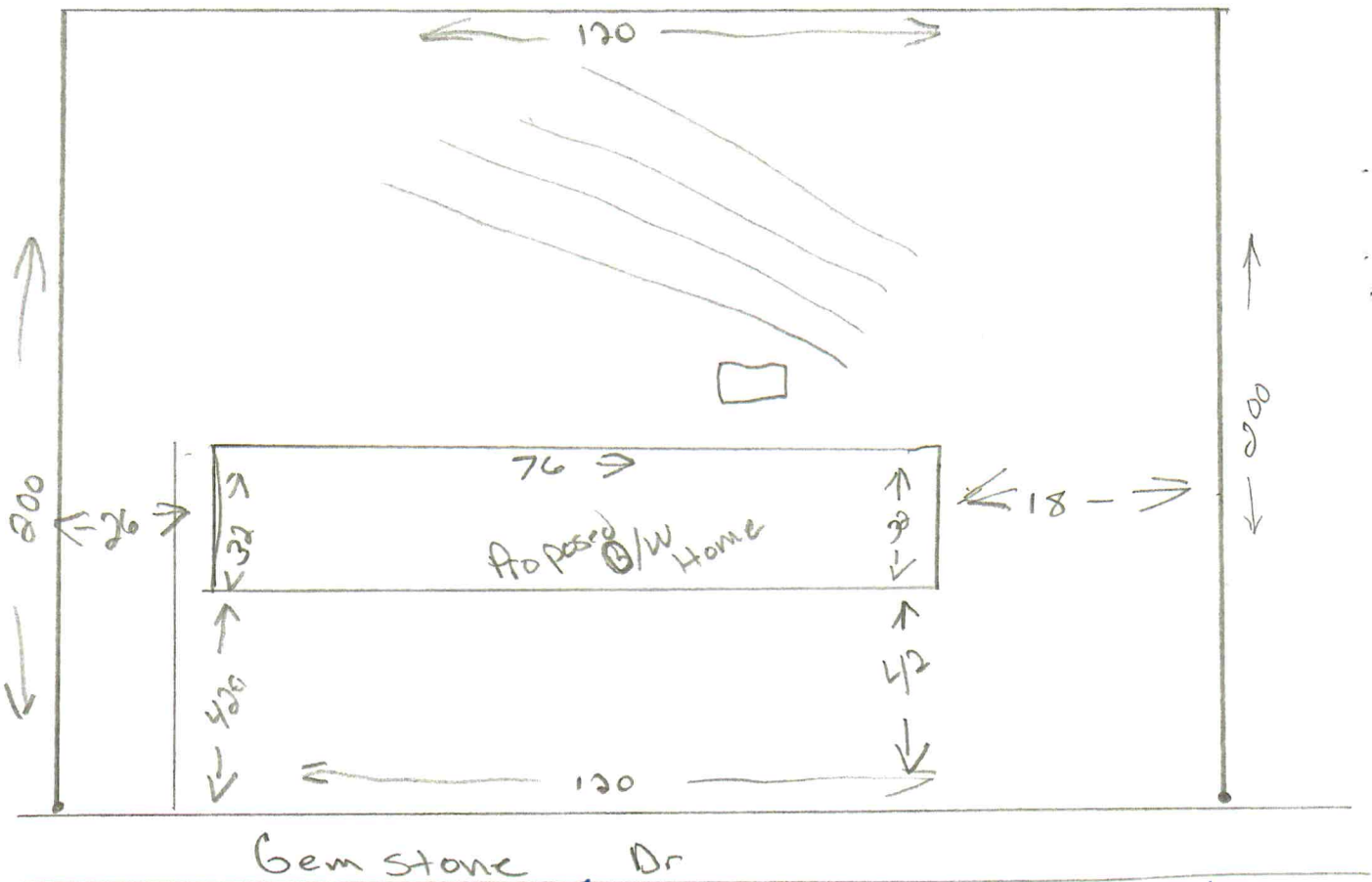


Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

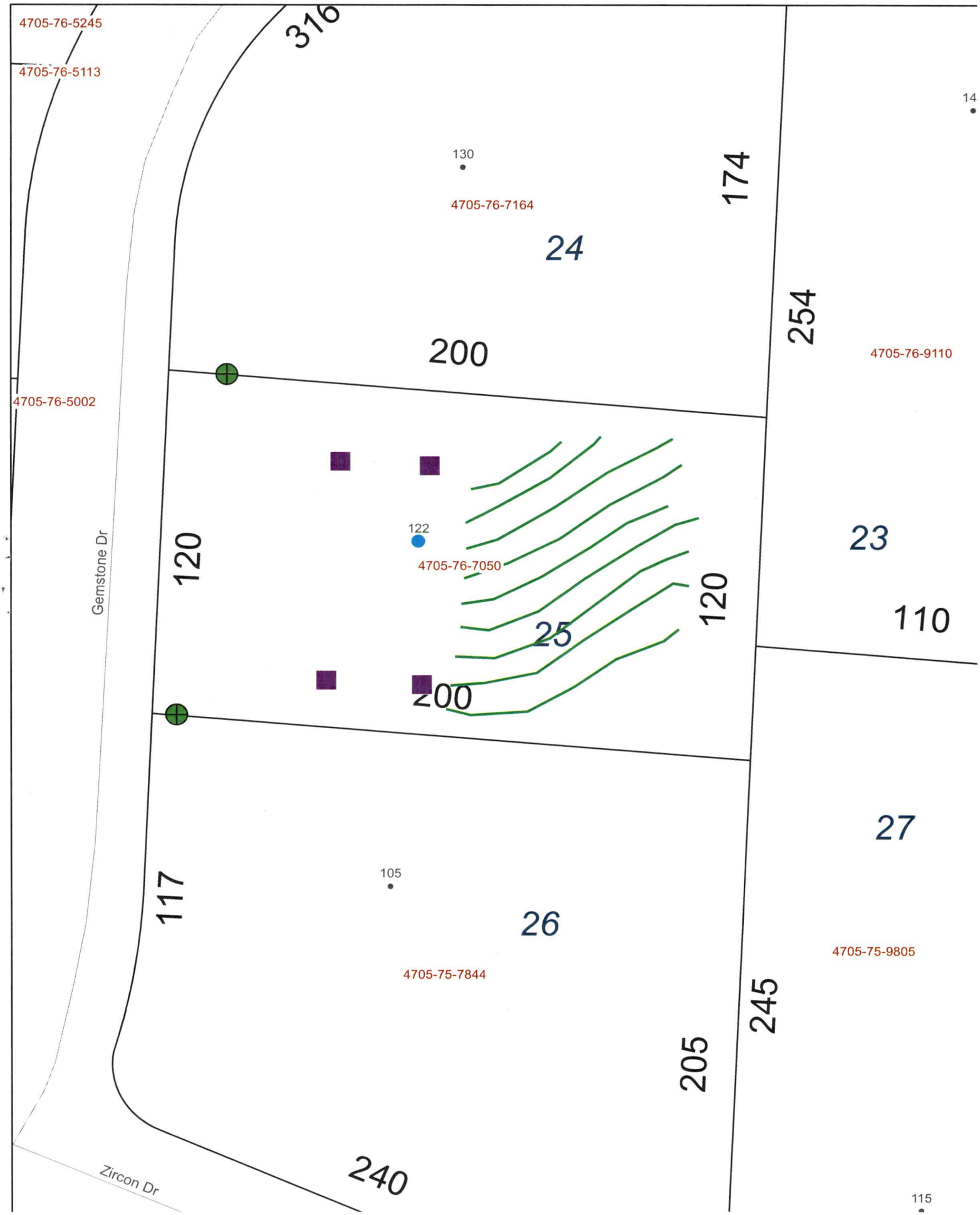
Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



Signature: Trinity D. Foster May

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

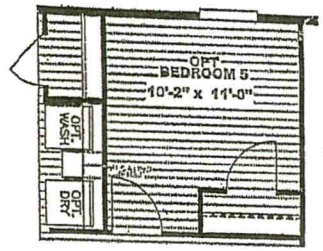
DATE 2/28/2023

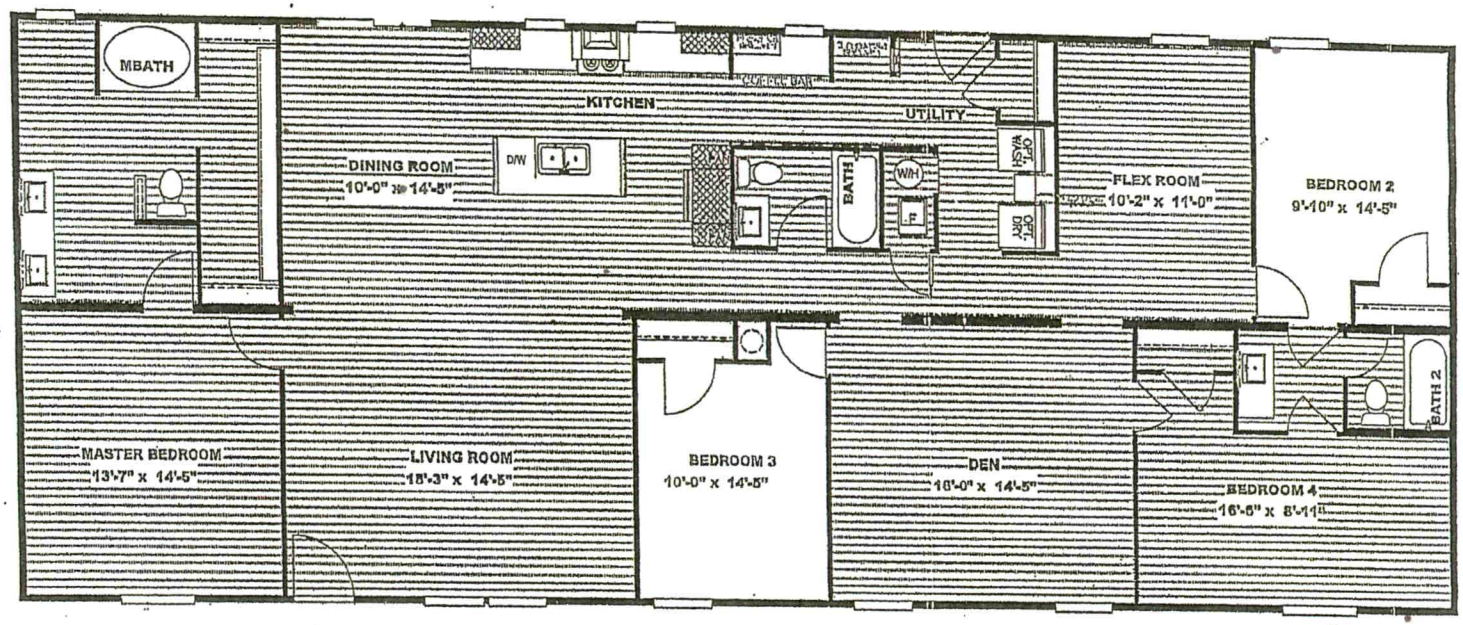

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316
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Gemstone Dr
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122
23
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120
110
25
200
27
105
117
26
4705-75-9805
4705-75-7844
245
205
240
Zircon Dr
115

Trying To Get Septic Approval From County, "Iredell" of a 4 Bedroom System.

Lot # 25

1ST CHOICE HOUSING, INC
119 Beechnut Lane
Statesville, NC 28625





MODEL #CEE32764AH
DRAWING # CE-M030-76-4

32'x76' SUMMIT

Acknowledgement Of
Plans Submittal ONLY!

Matt Wi Date 4/12/23

_____ Date _____