ICHD - ENVIRONMENTAL HEALTH DIVISION

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

Bcxl MANF-2024-44530

PERMIT # 2023-40585

PIN # 4870 -- 88 -- 3946

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

APPLICANT/OWNER: Clayton Homes

APPLICANT ADDRESS: 2026 Northside Dr, Statesville

SITE ADDRESS: 157 Redmon Rd, Harmony 28634

PHONE: 704-929-1552

ALT. PHONE —

SITE DIRECTIONS: 21N - Tomlinson - Redmon

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: —

SECTION: — LOT # — LOT AREA: 1.01 acres

DESIGN FLOW: 480 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB		Date				
Pump Tank		(gal)	PT		Date				
Pump Make			Model		Serial #				
# Nitrification Fields	1		# Lines	5	Linear Ft	400'			
Trench Width	36 in		Trench Bottom Depth(Low side)	30 in	Gravel Depth	—			

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: 25% reduction

Repair System Description: 25% reduction (pm)

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

No. Bedrooms 4 No. Persons 8 No. Employees — ☒ Crawl Space

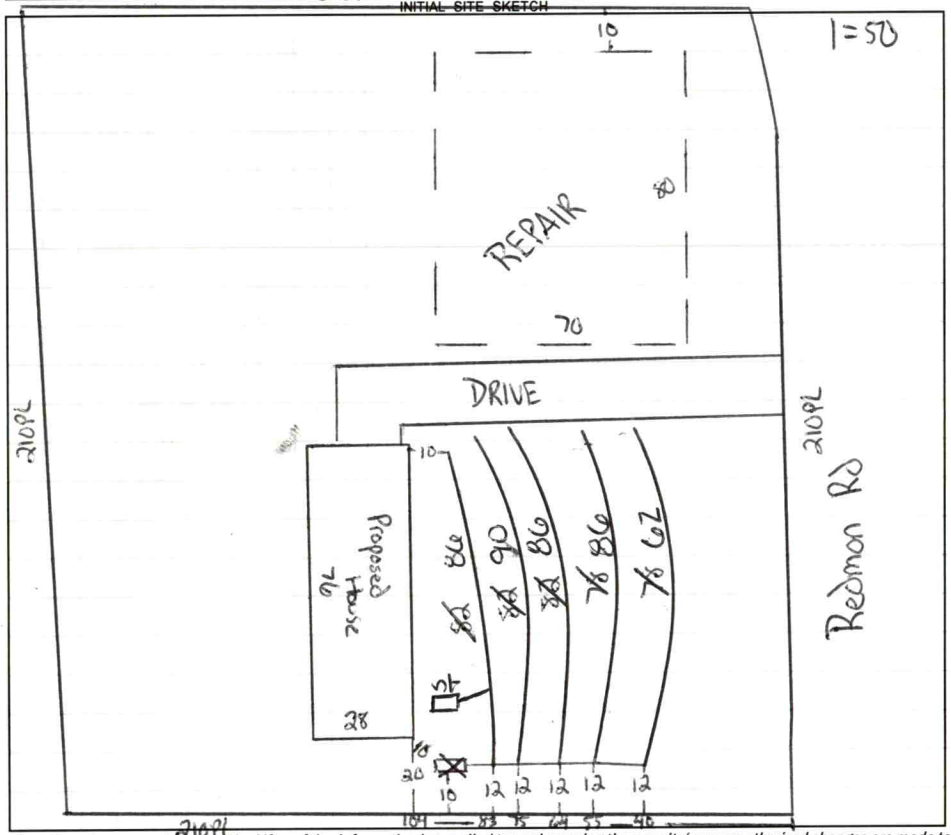
Water Supply: ☐ Private ☒ Public ☐ Community

☐ Basement w/o plumbing

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area.

210PL

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.

Installed as drawn. See modified line lengths & tank location.

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: —

IMPROVEMENT PERMIT by: Cory Whit ✓ Date: 11/28/23

AUTHORIZATION TO CONSTRUCT by: Cory Whit Date: 11/28/23

Installed by: Justin Price ✓

OPERATION PERMIT by: Sarah Williams ✓ Date: 6/25/2024

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? _____	


72
4870-89-1241
210
4870-89-6203
210
4870-88-3946
157
210
210
Redmon Rd
143
123
28
Peppertree Dr
33
4870-88-57
4870-88-2710
4870-88-0761
4870-88-3669
156
128

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

Sheet 1 of 1
PROPERTY ID #: 4870883946
COUNTY: Iredell

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

OWNER: Clayton Homes
ADDRESS: 2026 Northside Dr
PROPOSED FACILITY: 4 bd/1 home
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 157 Redmon Rd, Harmony
APPLICATION DATE 11/6/23
DATE EVALUATED: 11/27/23
PROPERTY SIZE: 1.01
PROPERTY RECORDED: yes
WATER SUPPLY: Private X Public Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut
TYPE OF WASTEWATER: X Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 8%	0 - 8	SCL SBK	SS SP FR SE	–	48	Litho inc in CL layer		.3 PS
		8 - 35	C SBK	SS SP FR SE					
		35 - 48	CL SBK	SS SP FR SE					
2	Linear 10%	0 - 6	SCL SBK	SS SP FR SE	–	48	Litho inc in CL layer		.3 PS
		6 - 31	C SBK	SS SP FR SE					
		31 - 48	CL SBK	SS SP FI SE					
3	Linear 10%	0 - 14	SCL SBK	SS SP FR SE	–	48	–	–	.3 PS
		14 - 28	C SBK	SS SP FR SE					
		28 - 48	CL SBK	SS SP FI SE					
4	Linear 8%	0 - 10	SCL SBK	SS SP FR SE	–	48	–	–	.3 PS
		10 - 25	C SBK	SS SP FR SE					
		25 - 48	CL SBK	SS SP FI SE					

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

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
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.

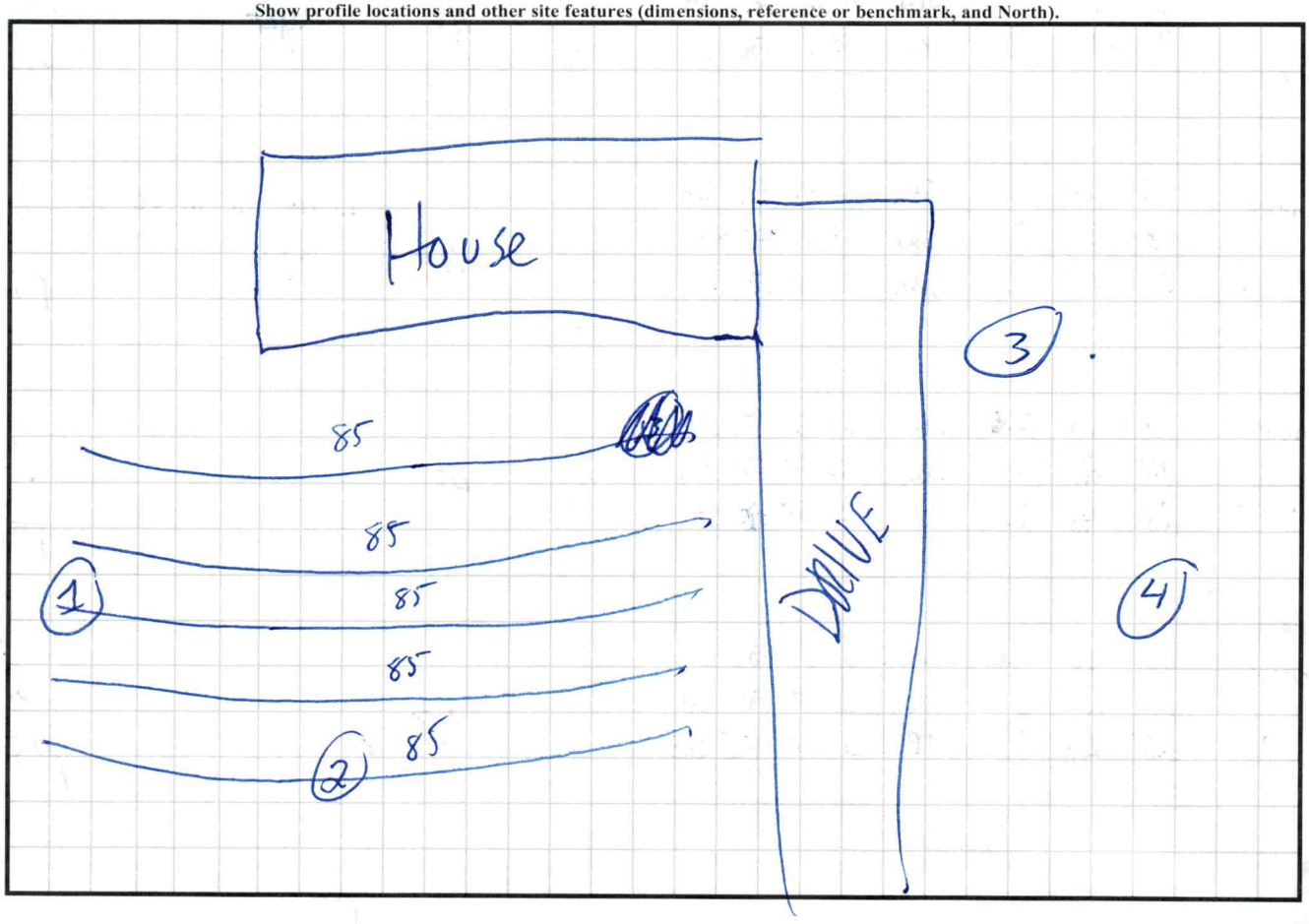
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-40585 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	11/06/2023
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:**	Whicker, Cory	**Approval Expire Date:**	

Description: New Double wide 4 bedroom septic system 11/17 GPS wrong. One tenth of a mile on left after you turn off of Tomlinson. GM

Parcel: 4870883946.000 Main	**Address:** 157 Redmon Rd Harmony, NC 28634 Main	**Zone:** RA(Residential Agricultural District)

Property Owner
ROGERS TRACEY R ETAL

Applicant/Authorized Agent
CLAYTON HOMES #72
2026 NORTHSIDE 2026
NORTHSIDE DR
STATESVILLE, NC 28677
Mobile: (704) 929-1552

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	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	Yes	All proposed structure dimensions	76 x 28 double wide 8x12 back porch covered 6x6 front deck
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
Lot Acreage	1.01	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Nov 15 2023 12:00AM
Zoning Permit Expiration Date	May 13 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 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.

PERMIT SNAPSHOT REPORT (OSWP-2023-40585)

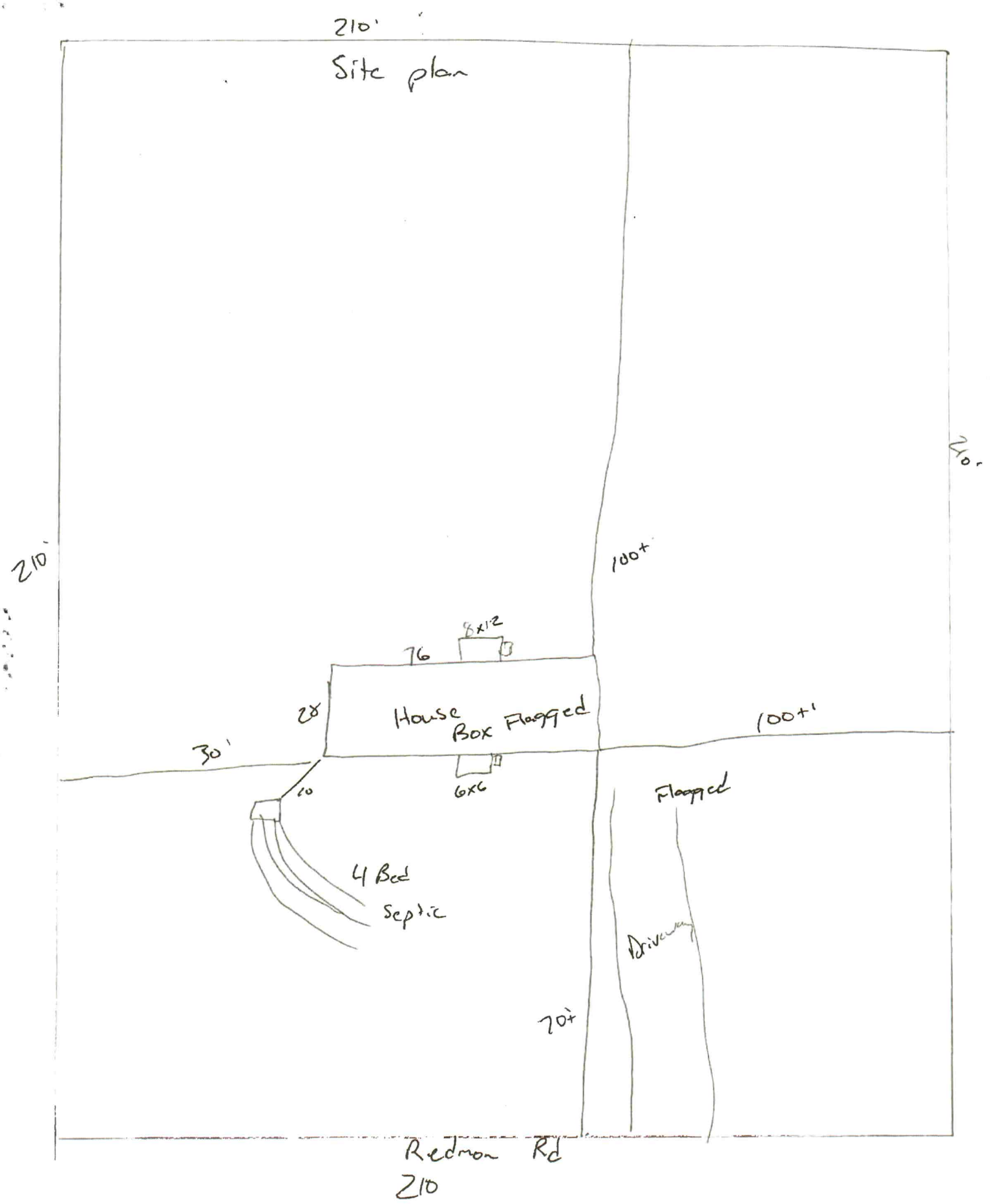
Additional Unique Setbacks Apply	No	Watershed	WSIII BOW HUNTING CREEK

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_ADAM_CASSTEVENS_11/6/2023.jpg	11/06/2023 9:59	CASSTEVENS, ADAM		Uploaded via CSS
Offer_To_Purchase_and_Contract_Vacant_Lot-Land_12-T_-_NCR__1___1_(1) (1)_v1.pdf	11/14/2023 14:34	Nebel, Barbara	Available Online	Authorize to Act as Agent
SMHC006823110610500_v1.pdf	11/14/2023 16:05	Bailey, Julia	Available Online	Site Plan

Note	Created By	Date and Time Created
1. 11/17 GPS wrong. One tenth of a mile on left after you turn off of Tomlinson. GM	Grace McLeod	11/17/2023 16:42

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00023297	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00023297	$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		11/14/2023 14:34	11/14/2023 14:35
Confirm application complete v.1	Generic Action		11/14/2023 14:35
Fees v.1		11/16/2023 8:20	11/16/2023 8:20
Fees Paid v.1	Generic Action		11/16/2023 8:20
Issue Invoice v.1	Generic Action		11/16/2023 8:20
Zoning Review v.1		11/14/2023 16:09	11/16/2023 16:32
~~Floodplain Admin Overview v.1~~	Task		11/14/2023 16:09
Iredell County Zoning Approval v.1	Task	11/14/2023 16:09	11/16/2023 16:32
Issue Invoice v.1	Generic Action		11/14/2023 16:09
Fees Paid v.1	Generic Action		11/16/2023 8:20
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
OSWP Site Evaluation v.1	Inspection		
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
OSWP Drain Lines Checked v.1	Inspection		
OSWP Electrical Checked v.1	Inspection		
OSWP Floats Checked v.1	Inspection		
OSWP Maintenance Contract v.1	Inspection		
OSWP Pressure Head Checked v.1	Inspection		
OSWP Pressure Manifold Checked v.1	Inspection		
OSWP Tanks Checked 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		


210'
Site plan
210'
210'
100+
8x12
76
28
House
Box Flagged
100+'
30'
10
6x6
Flagged
4 Bed
Septic
Driveway
70+
Redmon Rd
210