BLDR-2023-19141

MW

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-19624

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

PIN # 4706 -- 44 -- 1066

APPLICANT/OWNER: Hyde Homes LLC APPLICANT ADDRESS: 387 Woodbridge Rd, Statesville

SITE ADDRESS: 146 Ridge Run Dr, Statesville 28625 PHONE: 704-201-9935 ALT. PHONE -

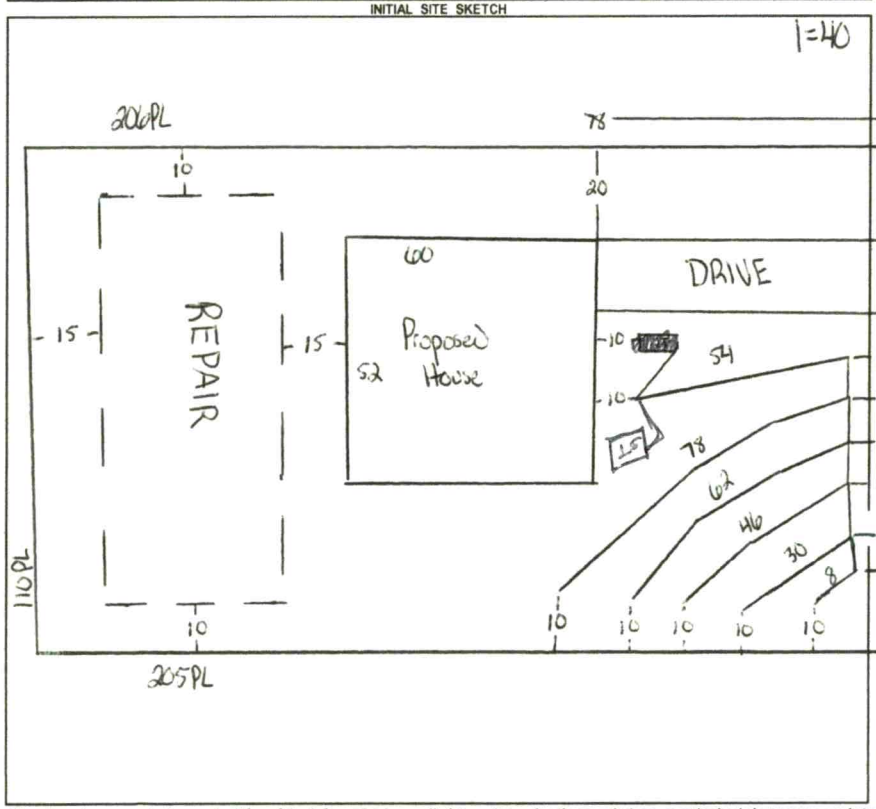
SITE DIRECTIONS: Hwy 70 - Taylorsville Hwy - Robertson - Ridge Run SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Ridgewest Estates SECTION: 2 LOT# 22 LOT AREA: 0.519 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.325

Septic Tank 1000 (gal)	STB 760	Date 5-26-23	☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI		☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank (gal)	PT	Date	System Description: 25% reduction		☐ Business	No. Persons 6	☐ Private
Pump Make	Model	Serial #	Repair System Description: LP - PPBPS		☐ Other	No. Employees	☒ Public
# Nitrification Fields 1	# Lines	Linear Ft 277'	Maintenance Agreement Required: ☐ YES ☒ NO		☒ Slab	☐ Crawl Space	☐ Community
Trench Width 36"	Trench Bottom Depth ~~(Low side)~~ 36" max	Gravel Depth -	☒ GRAVITY ☐ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing	

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

Installed as shown

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: Jake Williams

IMPROVEMENT PERMIT by: Cory Hil Date: 3/29/23 OPERATION PERMIT by: Sydney Hollcraft Date: 7/17/23

AUTHORIZATION TO CONSTRUCT by: Cory Hil Date: 3/29/23 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? _____	

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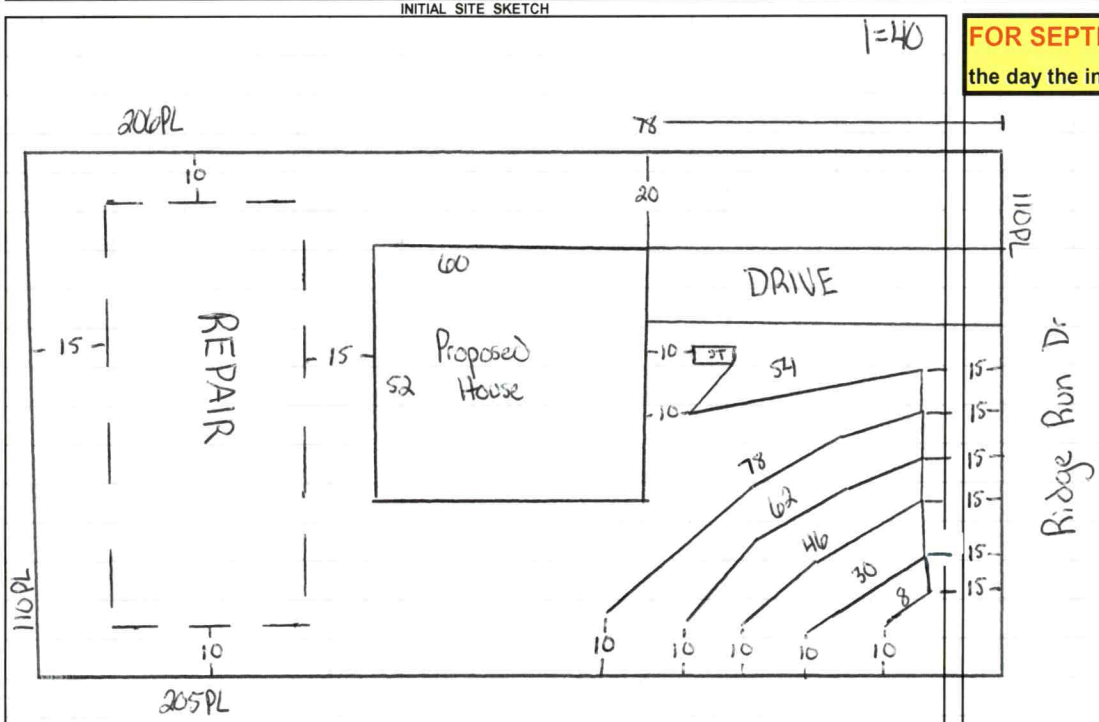
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Pump Make	Model		Serial #	Repair System Description:	LP - PPBPS			☐ Other	No. Employees		☒ Public
# Nitrification Fields	1 # Lines		Linear Ft 277'	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space		☐ Community
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Owner / Applicant Signature: Online Signature Date: Installed by:

IMPROVEMENT PERMIT by: Cory Hill Date: 3/29/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 3/29/23 Existing System Inspected by: Date:

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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 #: 4706447106
COUNTY: Iredell

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

OWNER: Hyde Homes
ADDRESS: 387 Woodbridge Rd
PROPOSED FACILITY: 3 bd/r home
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 146 Ridge Run Dr, Statesville
APPLICATION DATE 3/22/23
DATE EVALUATED: 3/28/23
PROPERTY SIZE: 0.519
PROPERTY RECORDED: yes
WATER SUPPLY: Private X Public Well Spring Other
EVALUATION METHOD: Auger Boring X 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	Linear 5%	0 - 12	SCL SBK	SS SP FR SE	-	52	-	-	.325 PS
		12 - 26	C SBK	SS SP FR SE					
		26 - 52	CL SBK	SS SP FR SE					
2	Linear 8%	0 - 24	C SBK	SS SP FR SE	-	53	-	-	.325 PS
		24 - 53	CL SBK	SS SP FR SE					
3	Linear 8%	0 - 31	C SBK	SS SP FR SE	-	55	Litho inc in 22" - 33"		.325 PS
		31 - 55	CL SBK	SS SP FR SE					
4	Linear 7%	0 - 29	C SBK	SS SP FR SE	-	55	-	-	.325 PS
		29 - 55	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.325	.325

OTHER FACTORS (.1946):
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.

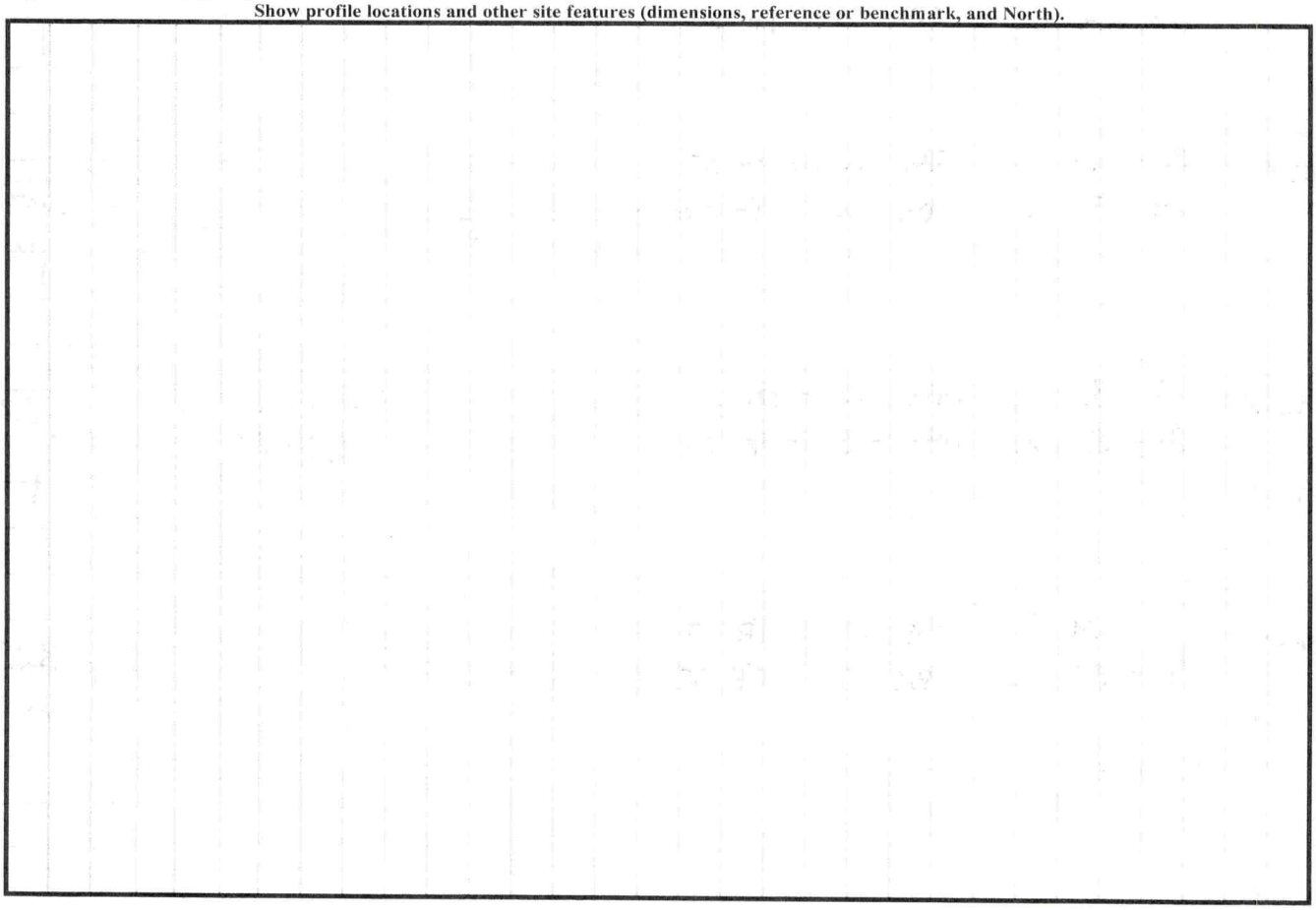
NOTES

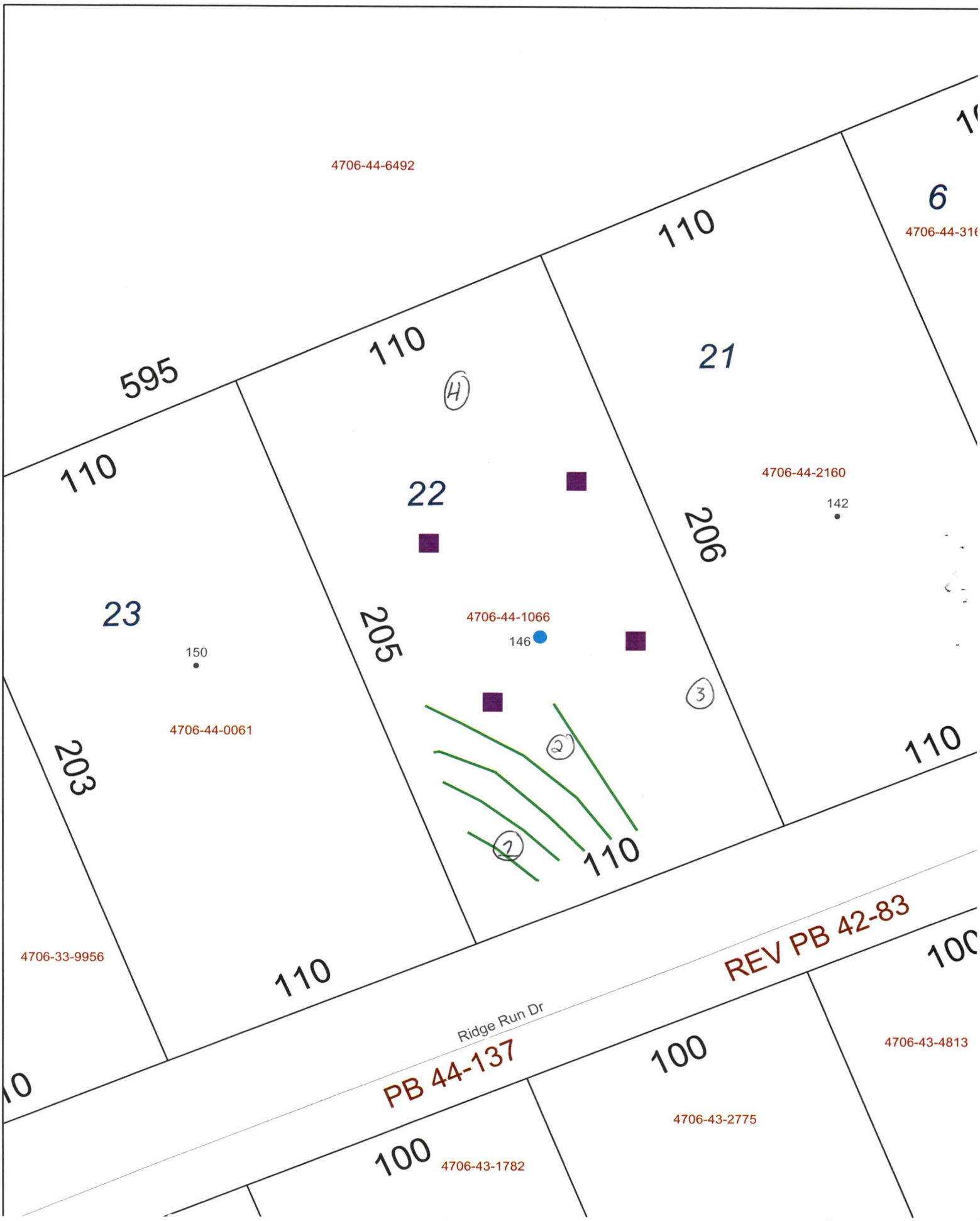
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

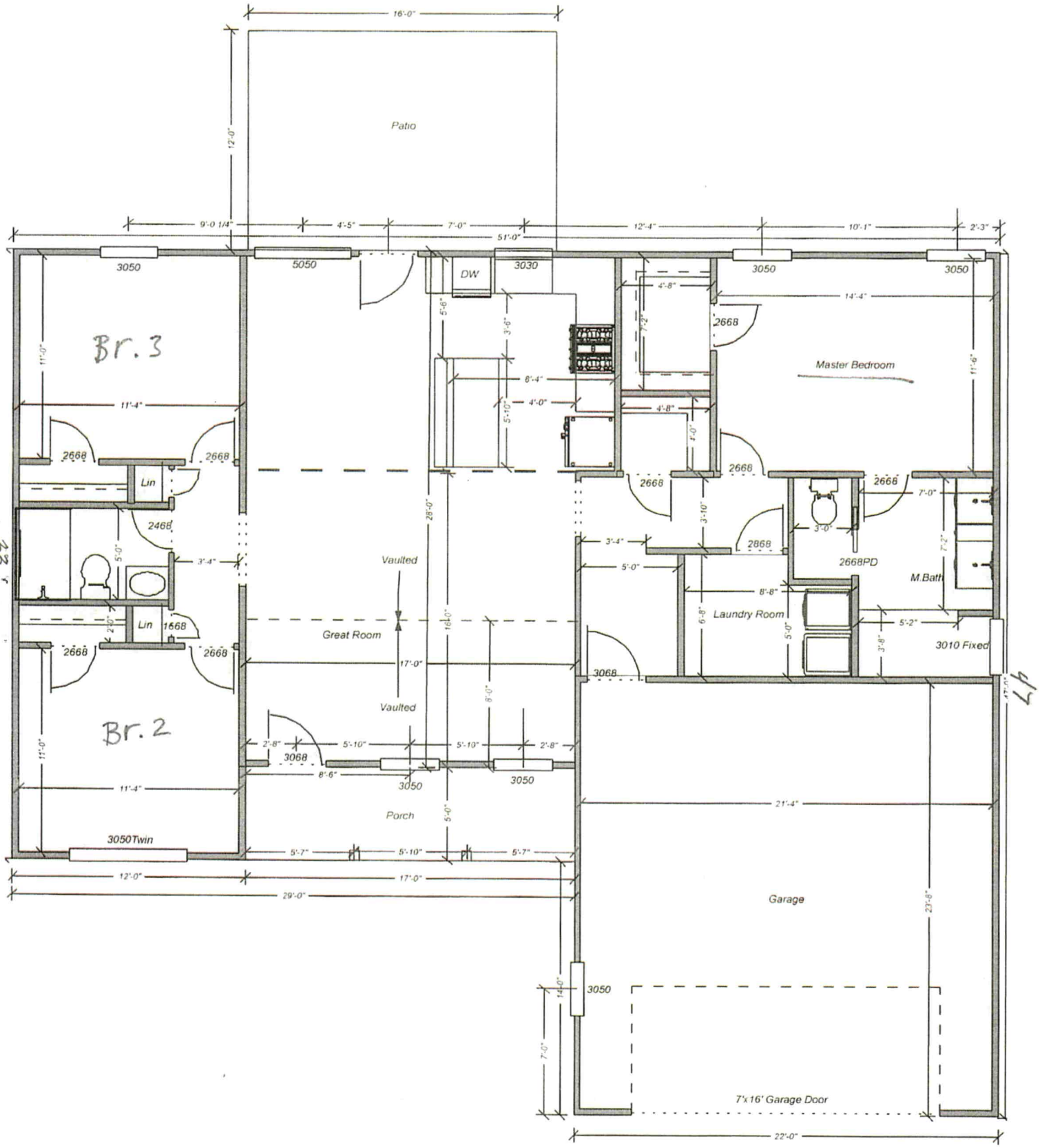
Evaluation of saprolite shall be by pits.

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

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




4706-44-6492
595
110
110
110
6
4706-44-316
21
4706-44-2160
142
22
206
23
150
4706-44-0061
205
4706-44-1066
146
203
110
110
4706-33-9956
110
Ridge Run Dr
REV PB 42-83
PB 44-137
100
4706-43-4813
100
4706-43-2775
100
4706-43-1782


16'-0"
Patio
12'-0"
9'-0 1/4"
4'-5"
7'-0"
12'-4"
10'-1"
2'-3"
51'-0"
3050
5050
DW
3030
3050
3050
Br. 3
11'-0"
11'-4"
2668
2668
Lin
2468
5'-0"
3'-4"
Lin
1668
2668
2668
Br. 2
11'-0"
11'-4"
3050Twin
5'-6"
3'-6"
8'-4"
4'-0"
5'-10"
4'-8"
4'-0"
4'-8"
14'-4"
2668
Master Bedroom
11'-6"
2668
2668
2668
2668
7'-0"
3'-0"
3'-10"
3'-4"
5'-0"
2868
2668PD
M.Bath
7'-2"
8'-8"
Laundry Room
6'-8"
5'-0"
5'-2"
3'-8"
3010 Fixed
17'-0"
28'-0"
Vaulted
Great Room
16'-0"
17'-0"
Vaulted
8'-0"
3068
2'-8"
5'-10"
5'-10"
2'-8"
3068
8'-6"
3050
3050
Porch
5'-0"
5'-7"
5'-10"
5'-7"
12'-0"
17'-0"
29'-0"
21'-4"
Garage
23'-8"
14'-0"
3050
7'-0"
7'x16' Garage Door
22'-0"
33
47

PERMIT SNAPSHOT REPORT OSWP-2023-19624 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: Whicker, Cory
App Date: 03/22/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: IP AND AC. Everything is staked, property surveyed, etc. per Joe Hyde 3/22/23 rh

Parcel: 4706441066.000 Main
Address: 146 Ridge Run Dr Main
Statesville, NC 28625
Zone: R-20(Suburban Residential District)

Property Owner	Applicant/Authorized Agent
Hyde Homes, LLC	Hyde Homes, LLC
387 Woodbridge Rd 129	387 Woodbridge Rd 129
WHISPER PINE RD.	WHISPER PINE RD.
Statesville, NC 28625	Statesville, NC 28625
Business: (704) 201-9935	Business: (704) 201-9935

Permit Custom Fields

All proposed structure dimensions	59X51	Maximum Number of Bedrooms	3	Number of Occupants	6
Lot Acreage	0.519	Zoning Permit Issued Date	Mar 22 2023 12:00AM	Zoning Permit Expiration Date	Sep 18 2023 12:00AM
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
146 RIDGE RUN AUTH AGENT_v1.pdf	03/23/2023 11:59	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
146 RIDGE RUN SITE PLAN_v1.pdf	03/23/2023 11:59	COMEAUX, DEBRA	Available Online	Site Plan
146 RIDGE RUN SITE SKETCH_v1.pdf	03/23/2023 11:59	COMEAUX, DEBRA	Initial Site Sketch	Initial Site Sketch

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-74888	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/24/2023			03/24/2023 7:31	03/24/2023 7:31

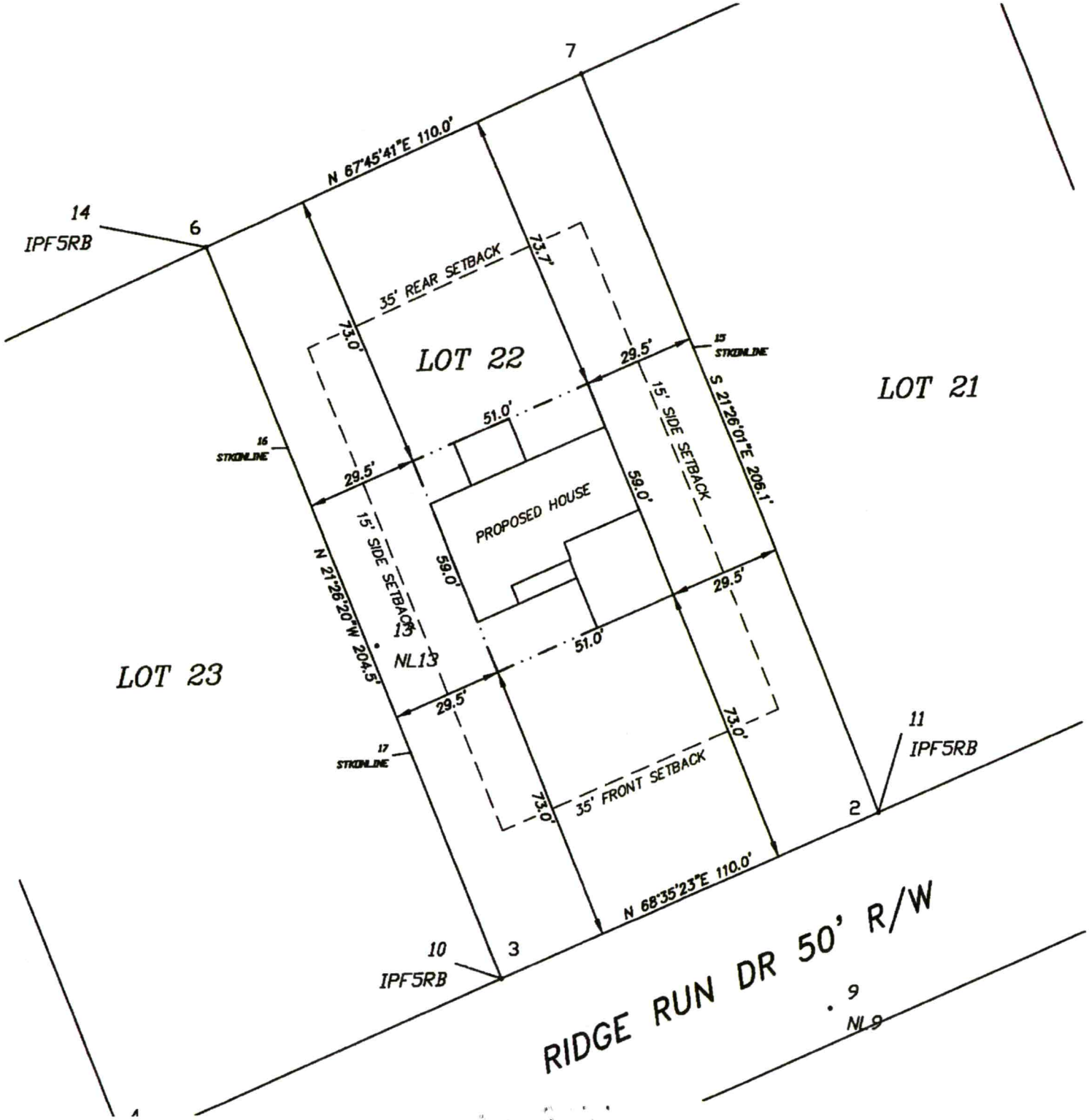
Inspectors: Bracken, Sarah (Primary)

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

Linked Record Relationship	Module	Record Number	Linked Record Type	Linked Record Work Class
Parent	Permit	BLDR-2023-19141	Residential Building	New Single-Family Dwelling

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00010984	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-00010984	$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		03/22/2023 10:07	03/22/2023 10:08
Confirm application complete v.1	Generic Action		03/22/2023 10:08
Fees v.1		03/22/2023 10:08	03/22/2023 10:08
Issue Invoice v.1	Generic Action		03/22/2023 10:08
Fees Paid v.1	Generic Action		03/22/2023 10:08
Zoning Review v.1		03/22/2023 10:08	03/22/2023 10:09


7
N 67°45'41"E 110.0'
14
IPF5RB
6
35' REAR SETBACK
73.7'
73.0'
LOT 22
29.5'
15
STKINLINE
LOT 21
S 21°26'01"E 206.1'
51.0'
16
STKINLINE
29.5'
15' SIDE SETBACK
PROPOSED HOUSE
59.0'
59.0'
15' SIDE SETBACK
N 21°26'20"W 204.5'
29.5'
13
NL13
LOT 23
51.0'
29.5'
73.0'
11
IPF5RB
17
STKINLINE
35' FRONT SETBACK
73.0'
2
N 68°35'23"E 110.0'
10
IPF5RB
3
RIDGE RUN DR 50' R/W
9
NL9