ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 3166638

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

PIN # 4624 --48 --5600

APPLICANT/OWNER: Matthew & Heather Orcutt | APPLICANT ADDRESS: 118 Hyannis Ct, Mooresville NC 28117

SITE ADDRESS: 118 Hyannis Ct, Mooresville, NC 28117 | PHONE: 704-310-1832 | ALT. PHONE

SITE DIRECTIONS: (W) Brawley School → (L) Torrence Chapel → (R) Shelburne → (L) Cape Cod → (L) Hyannis | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Point | SECTION: 11 | LOT # 1169 | LOT AREA: 1.929 ac | DESIGN FLOW: 600 gpd | L.T.A.R.: 0.25 (I) / 0.125

Septic Tank 1250 (gal) | STB Existing | Date Existing
Pump Tank (gal) | PT | Date
Pump Make | Model | Serial #
Nitrification Fields 1 | # Lines 3 | Linear Ft 600'
Trench Width 36" | Trench Bottom Depth(Low side) 24" | Gravel Depth N/A

☒ New System ☐ Repair ☐ Expansion | System Type: I II (III) IV V VI
System Description: 25% Reduction
Repair System Description: Drip Repair
Maintenance Agreement Required: ☐ YES ☒ NO
☒ GRAVITY ☐ PRESSURE

☒ Residence | No. Bedrooms 5
☐ Business | No. Persons 10
☐ Other | No. Employees
☐ Slab | ☒ Crawl Space
☐ Basement w/plumbing | ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Install drainlines on contour of land, do not park, drive, grade, park, or bury utilities in drainfield. Divert all drainage from drainfield

INITIAL SITE SKETCH

See attached site & design plan by Michael Athanas & Associates

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.

7/1/2021: Drainlines checked and were good. Supply line was 10' off water's edge and drainlines were over 15'. As built measurements on site sketch not to scale

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.*

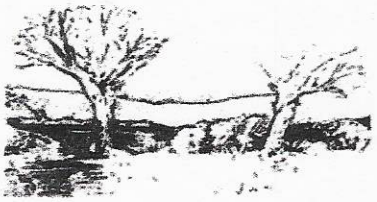
Owner / Applicant Signature: Date: 5/3/21 | Installed by: Richard Abernathy Co. LLC

T PERMIT by: D. Wieberg Date: 4/27/21 | OPERATION PERMIT by: Patrick J Bagley Date: 7/1/2021

N TO CONSTRUCT by: D. Wieberg Date: 4/25/21 | Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Brawley School Rd.
I, Marty S. Cline, Pr
that this plat wa
survey made
on: 10.07
APPROVED APR 7 2021
359.70'
169.92'
300.52'
Rebar found
Rebar found
Rebar found
Rebar found
Rebar found
C+
C-1
C-2
C-3
R/W
CURVE RADIUS
31.4.42'
50.00'
LENG
308.0
49.28
Scale
1"=50'
Existing System
N
Repair Area
Pit 4
Repair Area
(> 4800 ft²)
Pit 3
Pit 2
Pit 1
AB 1
AB 2
AB 3
AB 4
Pine Tree
B2-125'
W3-125'
O1-100'
ST
Proposed Pad
Patio
Two-story dwelling
porch
concrete drive
landscape & utilities easement
10' drainage and utilities easement
44.51'
(tie only)
62.7'
24.3'
42.3'
12'
53'
C-1
12'
11'
11'
27'
12'
27'
10240sq
2571total
2571total



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556Walden Trail
Weddington, NC 28173
(704) 576-3887
4/9/2021

Reference: Data Sheet 118 Hyannis Ct, The Point Lot 1169
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Community Well
Number of Bedrooms/Daily Flow: 5/600 GPD
Proposed LTAR: 0.25 GPD/FT^2 (initial), 0.125 GPD/FT^2 (repair)
Proposed System Type: 25% Reduction
Proposed Repair System Type: Drip Dispersal
Distribution: Gravity-End cap/Drop boxes
Septic Tank Size: 1500 gallons (existing)
Proposed Trench Bottom: 24"

Line	Design Length	Actual Length
Orange 1	100'	100'
Blue 2	125'/125'	258'
White 3	125'/125'	258'

Initial System: 600' **Repair System:** 4800+FT^2

Comments:
The purpose of the evaluation is to change the system for a pool. The existing system will be abandoned and a new system installed.



PROPERTY ID #: 4624485600
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Matthew & Heather Orcutt
APPLICATION DATE
ADDRESS: 118 Hyannis Ct, Mooresville, NC 28117
DATE EVALUATED:
PROPOSED FACILITY: 5 BDRM PROPOSED DESIGN FLOW (.1949): 600 GPD
PROPERTY SIZE: 1.928 AC
LOCATION OF SITE: 118 Hyannis Ct, The Point Lot 1169
PROPERTY RECORDED:
WATER SUPPLY: Private X Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: X Auger Boring X Pit ☐ Cut
TYPE OF WASTEWATER: X 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
PIT 1	LS 6%	0-9 ✓	Br CL WSBK	FR SS SP SXP	N/A	54"	N/A	N/A	PS 0.3
		9-40 ✓	R C SBK	FR SS SP SXP					
		40-54 ✓	R CL WSBK	FR SS SP SXP					
PIT 2	LS 6%	0-8 ✓	RBr CL WSBK	FR SS SP SXP	Few YB	53"	N/A	N/A	PS 0.25
		8-32 ✓	R C ABK	FR SS SP SXP					
		32-53 ✓	R CL WSBK	FR SS SP SXP					
PIT 3	LS 6%	0-10 ✓	Br CL WSBK	FR SS SP SXP	mod Few YB	56"	N/A	N/A	PS 0.25 Drip
		10-36 ✓	R C ABK	FR SS SP SXP					
		36-56 ✓	R CL WSBK	FR SS SP SXP					
PIT 4	LS 6%	0-10 ✓	Br CL WSBK	FR SS SP SXP	F-C YB Chroma 2 @ 28"	56"	N/A	N/A	PS 0.25
		10-36 ✓	R C ABK	FR SS SP SXP					
		36-56 ✓	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1800 FT^2	4800 FT^2
System Type(s)	25% Reduction	DRIP
Site LTAR	0.25	0.125

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS: Slope correction 2"

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 4624485600____
DATE OF EVALUATION: _____
COUNTY: ____IREDELL__

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
AB 1	LS 6%	0-4	Br CL WSBK	FR SS SP SXP	Few YB	48"	N/A	N/A	PS 0.275
		4-34	R C SBK	FR SS SP SXP					
		34-48	R CL WSBK	FR SS SP SXP					
AB 2	LS 6%	0-11	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		11-35	R C SBK	FR SS SP SXP					
		35-48	R CL WSBK	FR SS SP SXP					
AB 3	LS 6%	0-3	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		3-24	R C SBK	FR SS SP SXP					
		24-48	R CL WSBK	FR SS SP SXP					
AB 4	LS 6%	0-10	Br CL WSBK	FR SS SP SXP	Few YB	48"	N/A	N/A	PS 0.275
		10-37	R C SBK	FR SS SP SXP					
		37-48	R CL WSBK	FR SS SP SXP					

COMMENTS: _____

Wed 1330

RECEIVED APR 16 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM AP- 316638 $350.00

E.R.

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit (X) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: **(PRINT CLEARLY)** Please contact Gary McNeely (704-310-1832) prior to evalution

Applicant Name: Matthew & Heather Orcutt **Address:** 118 Hyannis Ct. Mooresville, NC **Zip:** 28117

Applicant Email: matthew.orcutt@gmail.com **Phone:** _____ **Alt. Phone:** _____

Owner Name: Same **Address:** _____ **Zip:** _____

Owner Email: _____ **Phone:** _____ **Alt. Phone:** _____

Property Information:

Street Address: 118 Hyannis Ct

Subdivision Name: The Point **Section/Phase:** _____ **Lot Number:** 1169

Driving Directions: _____

Site Development Information: *(check or complete ALL that apply*

CHECK FOUNDATION TYPE

( ) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines **Describe Problem:** _____

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 10
(X) Swimming Pool
( ) Other Addition/Structure: _____

(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: **Type of Business:** _____
Square Footage of Building: _____ **Max. Number of Employees:** _____ **Max. Number of Seats/Beds/Other:** _____

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well **Number of Houses:** _____ **Number of Persons:** _____

( ) New Well ( ) Existing Well (X) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* **Year existing system installed:** _____
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other: Accepted

Please answer the following to the best of your ability:

( ) Yes (X) No **Does the site contain any jurisdictional wetlands?**
( ) Yes (X) No **Is any non-domestic sewage (i.e. industrial) to be generated?**
( ) Yes (X) No **Is the site subject to approval by any other public agency?**

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: _____ 4/16/2021
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, MATTHEW ORCUTT, am the legal owner(s) of the property located at 118 Hyannis Court Mooresville NC 28117, identified as PIN (Parcel Identification Number) 4624 48 5600, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Michael Athanas & Associates, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

[signature]	4-14-2021	Heather Orcutt
Signature of Owner(s)	Date	Signature of Witness

Date

Please return this signed form to the appropriate office:

Mooresville - Environmental Health

ronda.hart@co.iredell.nc.us

Fax: 704-662-3239

610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health

adrienne.shea@co.iredell.nc.us

Fax: 704-871-3483

349 N. Center Street, Statesville, NC 28677

Brawley School Rd.
Lot 1.69 Acres+/-
Repair Area
Pit 1
Pit 2
Pit 3
Pit 4
AB 1
AB 2
AB 3
AB 4
B2-125'
W3-125'
O1-100'
Pine Tree
Proposed Pool
Patio
Two-story dwelling
porch
concrete drive
landscape & utilities easement
drainage and utilities easement
Existing System
Scale 1"=50'
N
S 79°01'55"W 359.70'
S 44°19'32"E 300.52'
N 31°45'42"W 169.92'
S 72°16'25"W 44.51' (fire only)
62.7'
24.3'
42.8'
53'
C-1
C-2
R/W
Rebar found

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE [illegible]-5305 MOORESVILLE 704-664-5281

100.00 Paid

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# 109598 PIN# 4624-27-5705 + 4624485600 DATE 11/28/05

OWNER OR APPLICANT Lifestyle Custom Homes PHONE: Business 980-721-0917 Home

ADDRESS 5706 Burke St Charlotte NC

LOCATION BSR, TL Torrence Chapel + TL Shelburne, TL Cape Cod, TL Hyannis Ct at End

SUBDIVISION Point BLOCK / SECTION 11 LOT 1169 LOT AREA 84,043 Ft² SITE CLASS PS DESIGN FLOW 600 L.T.A.R. 0.25

Septic Tank: 1500 Gallons: STB 3383 Date 7/25/06

Pump Tank: Gallons: PT Date

Pump Make: Model Serial No

Nitrification Field: No Fields 1 Square Feet 1800 Linear Feet 600

No Lines 4@150' Trench Width 36" Max Trench Bottom Depth 36" Gravel Depth —

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

System Description: Gravity 25% reduction

Repair System Description: LP Panel Block

Maintenance Agreement Required: ☐ Yes ☒ No

☒ Gravity ☐ Pressure ☐ Slab ☒ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

☒ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other

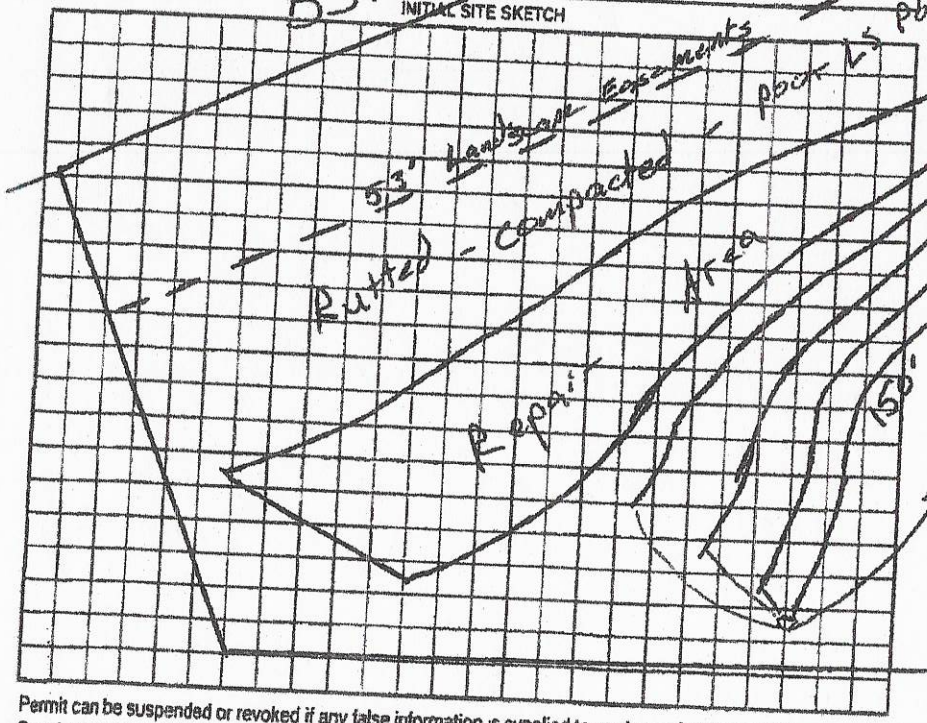
No. Bedrooms 5 No. Persons No. Employees

Water Supply: ☐ Individual ☐ Public ☒ Community

Comments/Conditions:

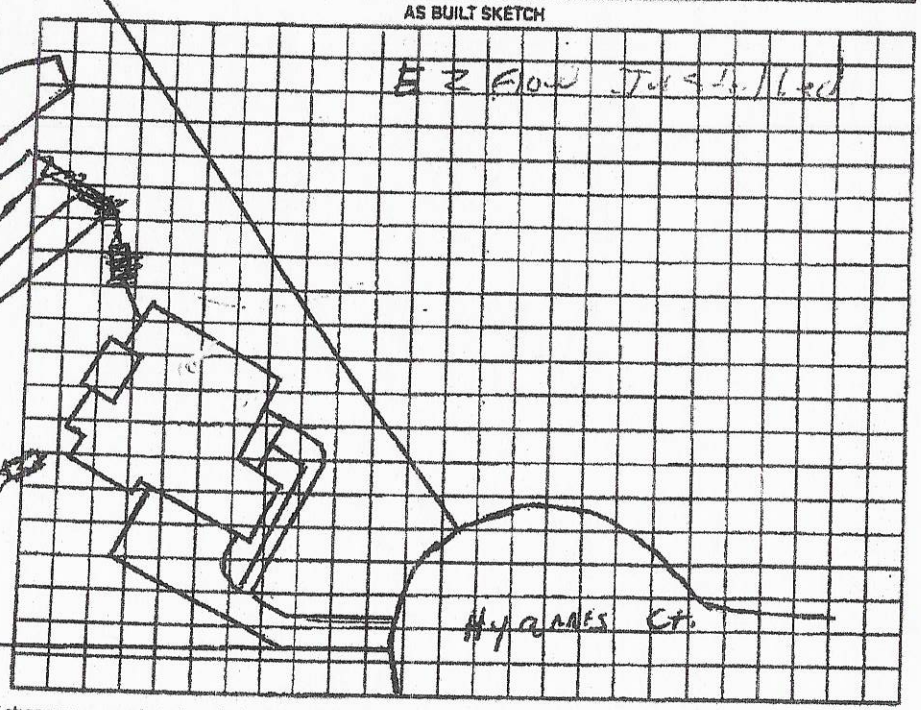
1"=60'

INITIAL SITE SKETCH



Comments/Conditions:

AS BUILT SKETCH



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. Improvement Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

☐ Permit with plat valid without expiration ☒ Improvement Permit with site plan valid for sixty months

Signed: date 12/2/05

Improvement Permit by: RS date 11/28/05

Authorization to Construct by: RS date 11/28/05

Installed by: Hallman

Operation Permit by: RS date 9/12/06

Existing System Inspection by: date

HEALTH DEPT COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK

IREDELL COUNTY · NC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
316638 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4624485600.000	118 HYANNIS CT	Iredell County

Owner Information	Applicant Information
Name: ORCUTT MATTHEW T+HEATHER E Address: , Phone:	Name: MICHAEL ATHANAS & ASSOCIATES Address: 561 ENNIS RD WEDDINGTON, NC 28173 Phone: (704)576-3887

Use Requested	Zone Code
Single Family Dwelling	R-20 CUD

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.929	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Signature of Owner/Contractor

Date: 04/09/2021

Permit Number	316638

TOTAL FEES:	$77.25