ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

PERMIT : AP 323573

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

PIN # 4728-90-0968.

APPLICANT/OWNER: WJH LLC APPLICANT ADDRESS: 9325 Carlo Lake Drive Ste 100 Charlotte NC 28216

SITE ADDRESS: 172 Riverfield Drive Statesville NC PHONE: 704-488-1100 ALT. PHONE

SITE DIRECTIONS: Exit 154 to Old Mooresville Rd on Mt Bethel Rd into Rock Gate SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Ridgecrest SECTION: - LOT # 100 LOT AREA: .67 Ac DESIGN FLOW: 360 L.T.A.R.: 30

Septic Tank 1000 (gal) STB 760 Date 6-21-2022 ☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

Pump Tank (gal) PT Date System Description: Horizontal PPBPS - 50% Reduction

Pump Make Model Serial # Repair System Description: Horizontal PPBPS - 50% Reduction

Nitrification Fields 1 # Lines 4 Linear Ft 200 Maintenance Agreement Required: ☐ YES ☒ NO

Trench Width 36in Trench Bottom Depth(Low side) 19in Gravel Depth - ☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☒ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply

☐ Private

☒ Public

☐ Community

Comments / Conditions: ICHD approved cover needed.

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Thompson Environmental Consulting, Inc.

LSS # 1219 Dated Jan 4, 2022

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.

TANK CHECKED
NEEDS FILTER + RISERS 7-29-2022 BCW

Installed as Drawn

Lines OK
9/16/22

Check Cover

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: 1/12/22 Installed by: Sid Gaskins

IMPROVEMENT PERMIT by: Benjamin A Batts Date: 1/1/2022 OPERATION PERMIT by: Cory Whitt Date: 9/19/22

AUTHORIZATION TO CONSTRUCT by: Benjamin A Batts Date: 1/1/2022 Existing System Inspected by: Date:

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

To: Iredell County Environmental Health

From: Century Complete

Regarding: Ridgecrest – Lots 43, 44, 100, and 110 (Session Law 2018-114 Permit Packages)

The NC LSS evaluation attached to these applications is to be used to produce a design and construction features for permitting in accordance with Session Law 2018-114 Section 11. (c).

Project Manager/Owner

11-30-21

Date



Residential Subsurface Wastewater Treatment and Disposal System Proposal

for

Lot 100 – Ridgecrest
172 Riverfield Drive
Statesville, Iredell County, NC

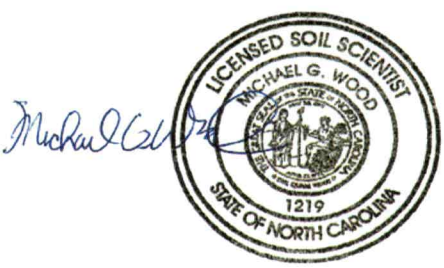
Tax Parcel # 4728900968
January 4, 2022

Prepared for:

Glenn Bird
Century Complete
9325 Center Lake Dr., Suite 160
Charlotte, NC 28216
1-833-791-0192

Prepared by:

Michael G. Wood, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
larry@thompsonenv.com



The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c).

Details

Century Complete has contracted with Thompson Environmental Consulting, Inc. (TEC) to prepare Session Law 2018-114 Section 11 (c) septic proposal for the 3-bedroom single family residence on Lot 100 – Ridgecrest located at 172 Riverfield Drive, Statesville, North Carolina.

Based upon a soils investigation performed by TEC, it has been determined that a sufficient amount of "Suitable" Group IV soils is available for the installation of gravity **Horizontal - Prefabricated Permeable Block Panel System** with a 50% reduction for the initial and repair systems at a 0.30 GPD/ft. sq. long term acceptance rate (LTAR). The property is served by a municipal water supply.

Century Complete requests that Iredell County Environmental Health (ICEH) issue the appropriate permits for a subsurface wastewater treatment and disposal system based upon the following proposal and the enclosed Licensed Soil Scientist Evaluation, which is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11. (c).

Location

From Statesville, take NC-115 north 7.1 miles. Turn left on Branchwood Road for 0.8 mile, then left onto Riverfield Drive. Lot 100 will on the left at the end of the road in the cul-de-sac.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment and Natural Resources, Division of Environmental Health, On-site Wastewater Section, December 6, 2018.

Design, Installation and Maintenance of the T & J Panel Wastewater Treatment System; 2021, published by T & J Panel.

Primary Investigator's Credentials

NC Licensed Soil Scientist No. 1219
SC Professional Soil Classifier No. 114

Plans and Specifications

A. Septic Tank

1. The septic tank shall be State approved (Section .1953 of 15A NCAC 18A), watertight, structurally sound, and 1,000 gallons in capacity.
2. The septic tank will be fitted with an approved effluent filter and riser for easy access and periodic maintenance.
3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

B. Pipes and Fittings

1. All discharge piping, connectors and supply lines should be made of SCH 40 PVC.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.
3. The supply line from septic tank to the distribution box (D-Box) shall be 3-inch Schedule 40 PVC (approximate length of supply line is 30 feet).
4. There shall be a threaded PVC union above each pump to facilitate easy removal of the pumps for maintenance or replacement.

C. Distribution Method – Distribution Box (D-Box)

1. The drainlines will be fed via a D-Box. D-box shall be water tested and level at the time of the final inspection.

D. Drainfield Installation

1. The drainfield and the proposed septic tank location have been marked on-site utilizing metal stemmed flags. Once this area has been approved by the County, the property owner/builder should mark this area and isolate it as much as possible from construction traffic. Prior to the system installation, the septic contractor shall contact the County for a preconstruction conference at which time the drainfield area will be re-verified.
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition. If the installer has doubts as to whether or not the drain field area is dry enough to begin construction, the environmental health specialist for this area should be contacted for permission to proceed with the installation.
3. The specified system is a gravity fed horizontal - prefabricated permeable block panel system – specifically the 8x16-inch high panel system manufactured by T&J Panel Wastewater Treatment System, Patent No. 4013559; telephone: 1-800-222-2577. The installer must follow the manufacturer's guidelines for installing the T&J Panel System and should request an installation manual from the manufacturer prior to beginning construction.

4. The initial drain field consists of four (4) lateral trenches 3 feet wide by 50 feet in length.
5. It is essential that the lateral trenches be constructed on contour with the land, with each trench being excavated level from beginning to end. The use of a tripod mounted engineer's level is essential to assure that each trench is constructed as level as possible.
6. The maximum trench depth for this system shall be **19-inches on the low-side of trench**. Each trench shall be placed on minimum 9-foot on centers.
7. Once trenches are dug, the side walls shall be raked and a light dusting of lime applied.
8. Backfill the trench with 6 inches of sand and level to grade. Once leveled, place 1 x 4- or 6-inch boards on top of the sand the entire length of each trench. Once the grade boards have been set, the panels may be set into the trench. The panels should be placed 6-inches apart but can be slightly minimized as needed to allow for installation.
9. Once the panels have been set, line the top chamber of each panel with 10 – 12 pounds of clean particle sand (medium sand blasting sand). Coverage depth should be approximately 1 inch thick. *Please note that this sand is not the same material specified for backfill.*
10. Tar seal rope, or approved foam, should be placed in the "U" outs of each end of the panel to form seals. Once the tar rope is in place, the 2-inch Schedule 40 PVC laterals can be added and the seal completed by the addition of more tar rope on the top and sides of the pipe. Now that the connection and seals are complete, a block cap is placed on each end of the panel so that all openings are covered.
11. Once the lateral has been installed and the panels closed, the trench is ready to be backfilled to the top with the sand used in the trench bottom. At this point, the trenches should be left open for the final inspection by the County.
12. A **minimum 3-inch** soil cap will be required over the drainfield.

Initial & Repair Systems - Ridgecrest Lot 100

Field Line #	Color	Initial/Repair	Field Length	System Length	Setup #1	Setup #2	Relative Elevation
1	White	Repair	39	30	6.23		100.0
2	Red	Repair	40	30	7.97		98.3
3	White	Repair	30	30	9.76		96.5
4	Pink	Repair	30	30	11.26		95.0
5	Red	Repair	32	30	12.7		93.5
6	Blue	Repair	34	30	13.93		92.3
7	White	Repair	37	30	14.99		91.2
8	Pink	Initial	55	50	15.9	7.59	90.3
9	Yellow	Initial	55	50		5.59	92.3
10	Blue	Initial	50	50		10.26	87.7
11	White	Initial	50	50		11.85	86.1

E. Final Landscaping

1. Final cover over the drainfield shall be at least 6-inches deep. Additional soil cover may be required to achieve the 6-inch requirement.
2. The drainfield shall be shaped to shed rainwater and be free from low spots.

3. The entire area of the drainfield should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

F. Utility/Drive Conflicts

1. The builder and property owner must take special care in planning for utilities (water, power, gas, telephone, cable lines, etc.). All utilities shall be kept clear of the septic system and its proposed repair area. Improper planning for underground utilities can negatively impact the installation and, in some cases, cause irreparable damage and permit revocation. If there are any questions regarding preferred routes, contact the County as soon as possible.
2. Water lines must be kept at least ten (10) feet from any portion of the septic system.
3. Irrigation systems should not be placed in the drain field area.

Maintenance

G. In General

The designed system does not require ongoing maintenance via a person certified (Certified Subsurface System Operator) by the North Carolina Department of Environment and Natural Resources to operate subsurface wastewater systems (Section .1961 Maintenance of Sewage Systems). However, the following maintenance should be considered by the owner.

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation that is equivalent to 25% of the volume of the tank. In some situations, the tanks may need to be pumped more frequently. If you are using a garbage disposal, it is recommended that the septic and pump tanks be cleaned out annually.
3. When it becomes necessary to clean the effluent filters, the filters should be removed, and the accumulated debris washed back into the septic or pump tank – not onto the lawn.
4. Any damp areas, leakages or malfunctions in the drainfield should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the drainfield and septic and pump tanks.

Initial System Design Specifics

Daily Design Flow:	360 GPD – 3 bedroom house
Effluent Loading Rate:	0.300 GPD per sq. ft.
Drainfield Type:	H-PPBPS (50 % Reduction)
Maximum Trench Depth:	19 Inches on low-side
Supply Size:	3 Inch
Supply Line Length:	Approximately 30 feet
Number of Drainlines:	4
**Drain Lines:	3' Wide x 50' Long
**Drainline Spacing:	9 Foot on Centers
Total Trench Length:	200 Linear Feet
Distribution Method:	D-box
Final Cover Requirement:	6 Inches

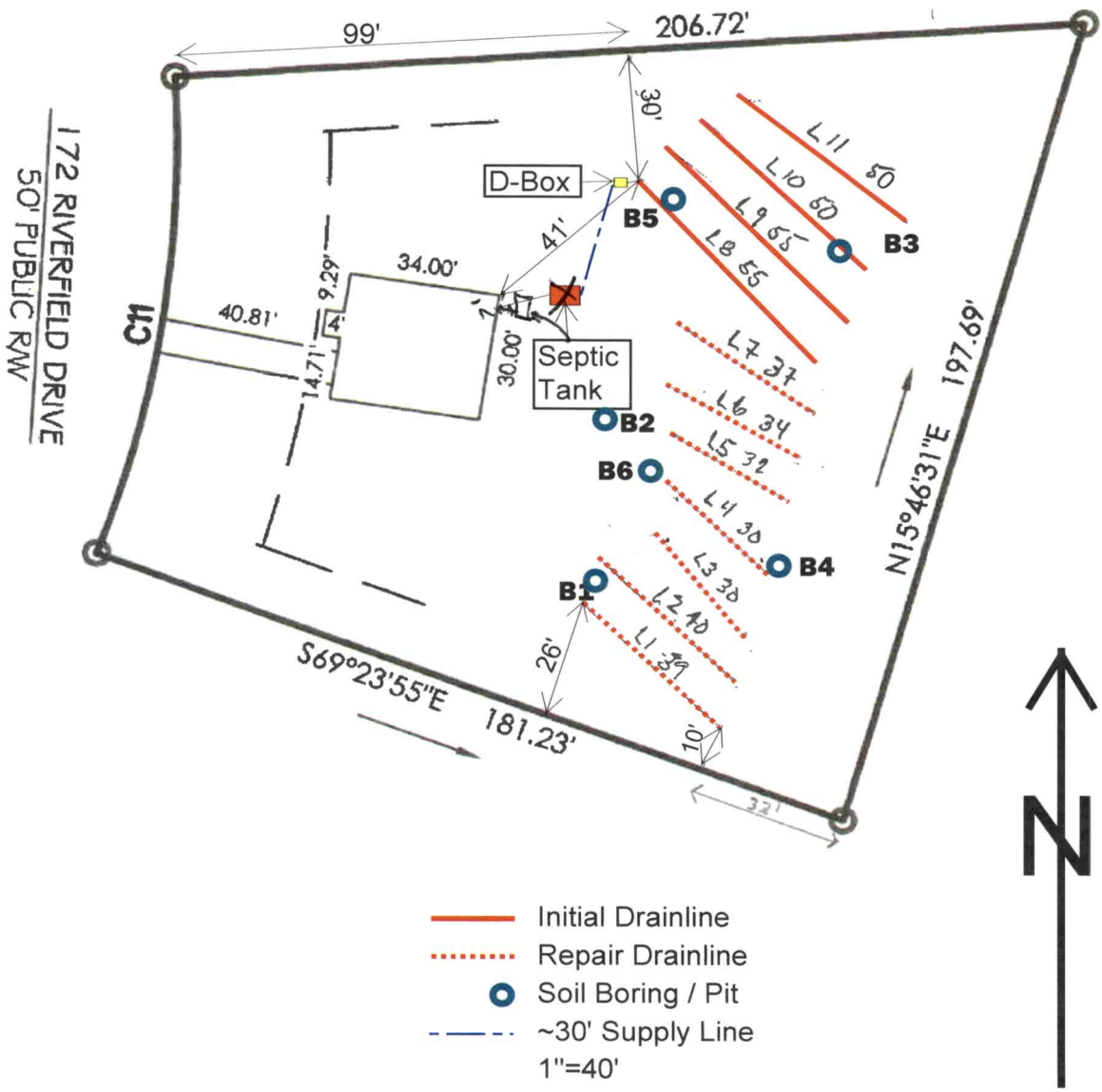
** See drainfield layout for site locations and more details.

Repair System Design Specifics

Effluent Loading Rate:	0.30 GPD per sq. ft.
Drainfield Type:	H-PPBPS (50 % Reduction)
Installation Trench Depth:	19 Inches on low-side
Number of Drainlines:	7
**Drain Lines:	3' Wide x 30' Long
**Drainline Spacing:	9 Foot on Centers
Total Trench Length:	210 Linear Feet

** See drainfield layout for site locations and more details.

Figure 1. Lot 100 Ridgecrest



Three Oaks Engineering
324 Blackwell Street, Suite 1200
Durham, NC 27701

LOT 100

Sheet 1 of 2
PROPERTY ID #: 4728-90-0968
COUNTY: IREDELL

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

OWNER: DAVIDSON LAND DEVELOPMENT CO.
ADDRESS:
APPLICATION DATE
PROPOSED FACILITY: RES
PROPOSED DESIGN FLOW (.1949): 360
DATE EVALUATED: 10-11-21
LOCATION OF SITE: 172 RIVERFIELD DR., STATESVILLE, NC
PROPERTY SIZE: 0.667 AC
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
PROPERTY RECORDED:
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 / 11	0 - 5	SBK / CL	FR / SS / SP, SE		39	39		PS 0.3
		5 - 29	SBK / CL / FR	SS / SE / SP					
		29 - 39	SBK / CL / FR	SS / SE / SP					
		39 +	M / L / FR	NS / NP / NE					
2	LS / 11	0 - 29	SBK / CL / FR	SS / SP / SE		29		29 Cr	PS 0.3
		29 +	Cr						
3	LS / 11	0 - 21	SBK / SCL / FR	SS / SP / SE		35		35 Cr	PS 0.3
		21 - 29	SBK / CL / FR	SS / SP / SE					
		29 - 35	SBK / CL / FR	SS / SP / SE					
		35 +	Cr						
4	LS / 11	0 - 5	SBK / CL / FR	SS / SP / SE		35	35		PS 0.3
		5 - 16	SBK / C / FR	SS / SP / SE					
		16 - 35	SBK / CL / FR	SS / SP / SE					
		35 +	M / L / FR	NS / NP / NE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	H-PPBPS	H-PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PROV. SOLT
EVALUATED BY: M. WOOD, L. THOMPSON
OTHER(S) PRESENT: E. WOOD

LICENSED SOIL SCIENTIST MICHAEL G. WOOD 1219 STATE OF NORTH CAROLINA

Updated February 2014

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4728-90-0968
DATE OF EVALUATION: 12-31-21
COUNTY: IREDELL

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
5	LS/11	0-9	Fill		–	>43 - Fill >34	–	–	PS 0.3
		9-17	SBK/SCL/FI	SS, SP, SE					
		17-35	SBK/C/FI	SS, SP, SE					
		35-43+	SBK/SC/FR	SS, SP, SE					
6	LS/11	0-6	SBK/SCL/FR	SS, SP, SE	–	33	33	–	PS 0.35
		6-33	SBK/CL/FR	SS, SP, SE					
		33+	M/L/FR	NS, NP, NE					

COMMENTS: _____

PPBPS Design Worksheet - Lot 100 Ridgecrest

PIN: 4728-90-0968
Address: 172 Riverfield Drive
Statesville, Iredell County, NC
Consultant: Michael Wood
Phone: 919-417-8027

System Requirements

Design Flow	360	GPD
LTAR	0.3	GPD/ft^2
Linear Footage	400	ft. (conventional)
Linear Footage	200	ft. (50% reduction)

Initial Design Layout

Laterals	Field Length(ft)	System Length (ft)	# Panels
Line # 8	55	50	12
Line # 9	55	50	12
Line # 10	50	50	12
Line # 11	50	50	12
Totals	**210**	**200**	**46**

Repair Design Layout

Laterals	Field Length(ft)	System Length (ft)	# Panels
Line 1	39	30	7
Line 2	40	30	7
Line 3	30	30	7
Line 4	30	30	7
Line 5	32	30	7
Line 6	34	30	7
Line 7	37	30	7
Totals	**242**	**210**	**48**

Absorption Area

Length (ft)	Width (ft)	Area (ft^2)
200	3	600

Comments

1. Install system using 3 ft. wide trenches
2. Instal drainlines on 9ft. Centers, level, and on contour.
3. System design requires center fed laterals for gravity distribution.

RECEIVED DEC 2 - 2021

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE
OR IT WILL NOT BE PROCESSED Ap- 323573

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* Session Law - Paid $ 500.00

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) 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)**

Applicant Name: WJH LLC **Address:** 9325 Center Lake Drive Ste 160 Charlotte NC 28216 **Zip:**
Applicant Email: katie.dyess@centurycommunities.com **Phone:** 704-488-1100 **Alt. Phone:**
Owner Name: WJH LLC **Address:** **Zip:**
Owner Email: **Phone:** **Alt. Phone:**

Property Information:

Street Address: 172 Riverfield Drive
Subdivision Name: Ridgecrest **Section/Phase:** **Lot Number:** 100
Driving Directions: Turn right onto Kelly St, Turn right onto Feimster St, Take I-40 E and Old Mocksville Rd to Mt Bethel Rd, Turn left onto N Center St, Turn right to merge onto I-40 E, Take exit 154 for Old Mocksville Rd, Turn left onto Old Mocksville Rd, Turn left onto Mt Bethel Rd. Drive and turn left into Rock Gate Development

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

CHECK FOUNDATION TYPE

(X) New Single Family Residence **Maximum Number of Bedrooms:** 3 ( ) Crawl Space Foundation
( ) New Multi-Family Residence **Maximum Number of Occupants:** (X) Concrete Slab Foundation
( ) Accessory Building ( ) Swimming Pool ( ) Basement with Plumbing
( ) Bedroom(s) Addition ( ) Other Addition/Structure: ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines **Describe Problem:**
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 ( ) Community Well ( ) City Water (X) Other Public Water

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

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?**
(X) Yes ( ) 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.

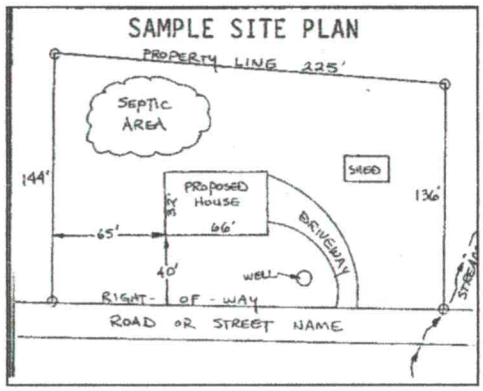
Signature: Katie Dyess for WJH LLC 11-30-21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *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 PERMIT!!!*



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

- (X) **Property Line measurements are clearly identified**
- (X) **All proposed structures are indicated**
- (x) **Front and side setbacks from property line**
- (X) **Preferred driveway location and well location**
- (X) **Area you prefer your septic system to be placed**
- (x) **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

See attached session Permit paperwork

Signature: Katie Dyess for WJH LLC

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

6-18-21

DATE

CERTIFICATE OF SURVEY AND ACCURACY

I, CHRISTOPHER L COLE, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN (REFERENCES AS SHOWN); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN (REFERENCES AS SHOWN); THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:15,000: AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600);

PRELIMINARY

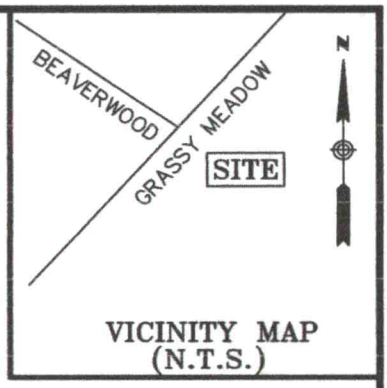
NOT FOR SALES, RECORDATION OR CONVEYANCES

CHRISTOPHER L. COLE

REGISTRATION/LICENSE NO. NCPLS L-5008

NC FIRM LICENSE NO. C-4288

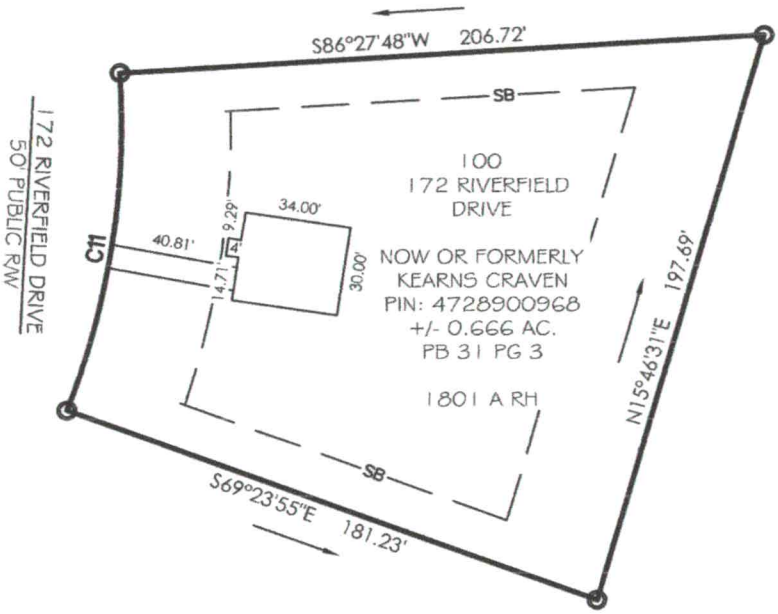
NORTH CAROLINA PROFESSIONAL SEAL L-5008 LAND SURVEYOR CHRISTOPHER L. COLE



VICINITY MAP (N.T.S.)

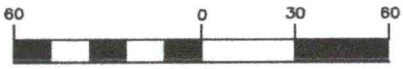
LEGEND

PL	PROPERTY LINE (NOT SURVEYED)
-RW	RIGHT OF WAY
-SB	SETBACK
O	CALCULATED POINT



NOTES:

1) EASEMENTS AND BUFFERS DERIVED BY PLAT
2) BOUNDARY LINES DERIVED BY PLAT, NO FIELD WORK COMPLETED FOR THIS MAP.
3) ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
4)LINES NOT SURVEYED ARE SHOWN AS BROKEN LINES FROM
5) THIS SURVEY DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY AND IS INTENDED TO DEPICT THE NEW BUILDING LOCATION RELATIVE TO THE BOUNDARIES.
6) CONTRACTOR TO VERIFY ALL DIMENSIONS



(IN FEET)
1 inch = 60 ft.



Ascension Land Surveying P.C.
Professional Land Surveying & Consulting
116 Williams Road, Mocksville, NC 27028
Phone: (704) 579-7197
Email: surveyor.chris007@gmail.com
NC FIRM LICENSE NO: C-4288
NC PLS NO: L-5008

5/4/2021
PIN: 4728900968

DRAWN BY: CC
CHECKED BY: JH
SCALE: 1"=60'
JOB: 21-05-46

PLOT PLAN
LOT-100
172 RIVERFIELD DRIVE
RIDGECREST PH 3
STATESVILLE, IREDELL CO., NC

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☒ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) WJH LLC

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.

☐ **2.** I, _____, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number)_____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____, _____, 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.

WJH LLC _____ 11-30-21

Signature of Owner(s) Date

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY · NC

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

APPLICATION NUMBER
323573 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4728900968.000	172 RIVERFIELD DR	Iredell County

Owner Information	Applicant Information
Name: WJH LLC	Name: WJH, LLC: T/A Century Complete
Address:	Address: 9325 CENTER LAKE DR STE 160
	CHARLOTTE, NC 28216
Phone:	Phone: (704)488-1100

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.67	35	35	15	15	WSIV-PA South Yadkin	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.

Date: 12/02/2021

Signature of Owner/Contractor

Permit Number	323573	TOTAL FEES:	$77.25

DEPARTMENT OF PLANNING & DEVELOPMENT
PO BOX 788, STATESVILLE NC 28687-0788
349 N. Center Street / Building Standards Center
(704) 878-3118 / FAX 928-2025

Residential Zoning Permit Application

What are you building? (Please check)

Stick built X Modular___ Duplex___ Singlewide___ Doublewide___ Pier___ Addition___ Bedroom addition___

Accessory dwelling (ie: M-I-L Suite, guest house)___ Accessory building (ie: garage, shed)___ Swimming pool___

Are there any other structures currently on the property such as dwellings, sheds, garages? (Please list type below)
No

These are septic lots

Is there a septic tank on the property? Yes (No) If residence how many bedrooms? 3 and stories? 2

If an addition, please describe project: New single family

Please list square footage of project (Pier, Addition, Accessory Dwelling, Accessory Building only): _____

Does the property have community water? (Yes) No If yes, please list who provides it: Iredell Water Company

Does the property have community sewer? Yes (No) If yes, please list who provides it: Septic

Owner Information

Property Owner's Name WJH LLC Phone # 704-488-1100

Owner's Current Address _____

Property Information

Property Address 172 Riverfield Drive Parcel # 4728900968

Subdivision: Ridgecrest Lot:___ Zoning: X Watershed: Y or (N) Flood Plain: Y or (N) Township:____

Directions to property (from a MAIN ROAD) Head west toward NC-115/N Center St, Turn right toward NC-115/N Center St, Turn left at the 1st cross street onto NC-115/N Center St, Turn right onto Branchwood Rd

Application Information

Applicant's Name or Company WJH LLC T/A Century Complete Applicant's Phone # 704-488-1100

Applicant's Address 9325 Center Lake Drive Ste 160 Charlotte NC 28216

If Company, Representative's Name and Title Katie Dyess- WJH LLC

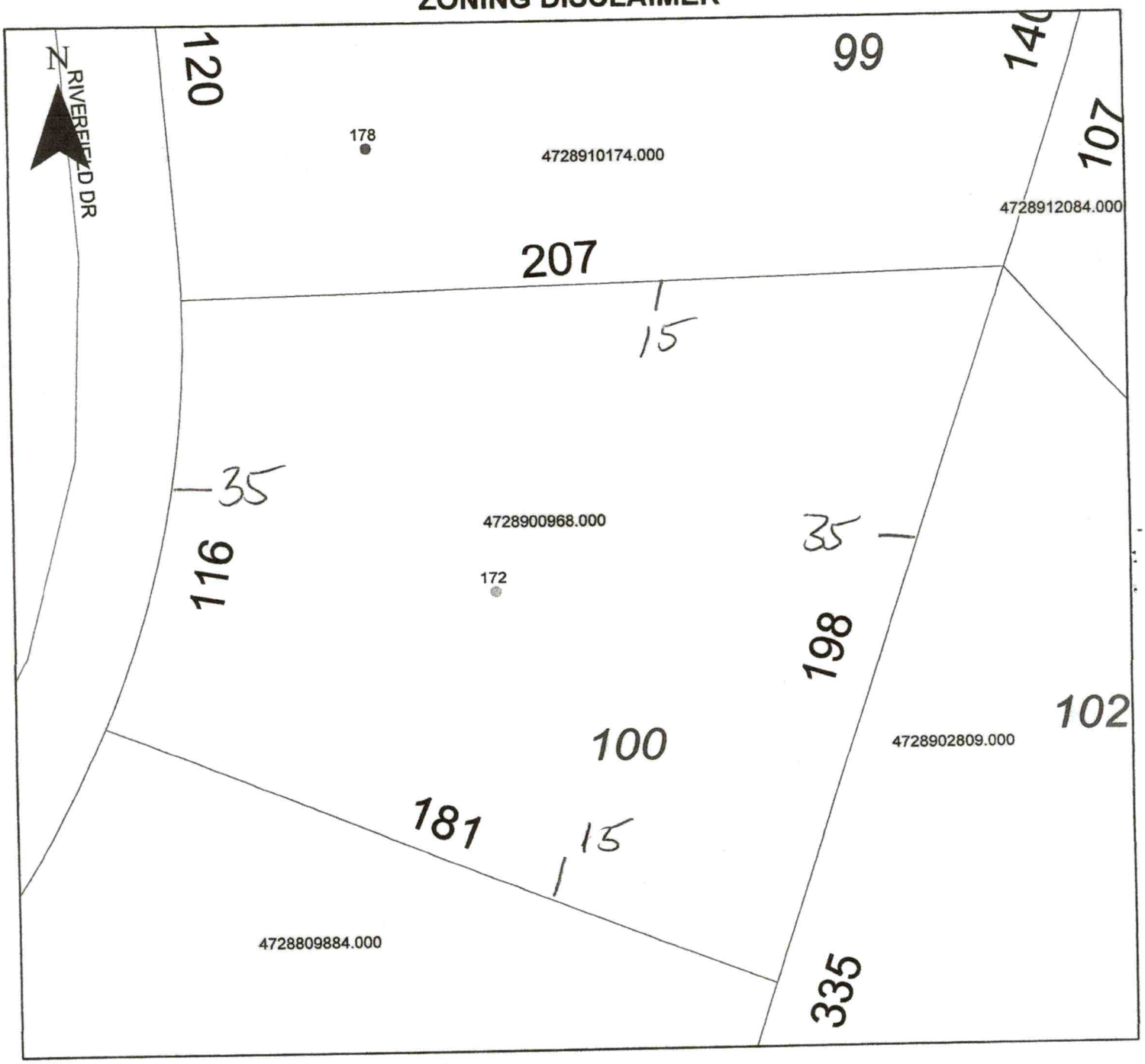
IN APPLYING FOR A ZONING PERMIT I CERTIFY THAT ALL INFORMATION ON THIS APPLICATION IS CORRECT AND THAT ALL WORK WILL COMPLY WITH IREDELL COUNTY ZONING REGULATIONS. THE IREDELL COUNTY ZONING DEPARTMENT WILL BE NOTIFIED OF ANY CHANGES THAT ARE MADE TO THIS PROJECT. I AM AWARE THAT THIS IS AN APPLICATION ONLY - NOT A PERMIT - AND DOES NOT CONSTITUTE APPROVAL OF THIS PROJECT. HOWEVER, IF THIS PROJECT IS APPROVED, THIS SIGNATURE IS VALID FOR MY PERMIT

SIGNATURE OF APPLICANT Katie Dyess DATE 8-5-21

100
.67
RA
WSIVPA-SY
NO
100

DocuSign Envelope ID: 841FF27D-1123-4626-A976-046C12D83AB2

ZONING DISCLAIMER



Property Address 172 Riverfield Dr

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. Applicant further acknowledges that the 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.

DocuSigned by:
Katie Dyess
381EF6ADC84D42B...

Applicant

12/1/2021

Date