ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2022-3945

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

PIN # 4705-75-8577

APPLICANT / OWNER: Clayton Homes of Lexington | APPLICANT ADDRESS: 828 Piedmont Drive, Lexington, NC 27295

SITE ADDRESS: 114 ZIRCON DR, STATESVILLE, NC 28625 | PHONE: 336-432-7551 | ALT. PHONE:

SITE DIRECTIONS: Cipreal Farm Rd to Stones Edge to Zircon. | SAP CONTROLLED: YES ☐ NO ☒

SUBDIVISION: Stones Edge | SECTION: — | LOT #: 107 | LOT AREA: .523 | DESIGN FLOW: 360 | L.T.A.R.: .30

Septic Tank: (gal) 1000	STB: 156	Date: 9/26/22	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: Other Public Water
Pump Tank: (gal) —	PT: —	Date: —	System Description: 25% Reduction		☐ Business	No. Persons: 6	
Pump Make: —	Model: —	Serial #: —	Repair System Description: 25% Reduction.		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 5	Linear Ft.: 300	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 36 in	Trench Bottom Depth ~~(Low side)~~: 34 in max		Gravel Depth: —	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to G.S. 130A-335(a2), (a3) & (a4) using the signed and sealed LSS/LG Evaluation attached here, from:

Joseph A. Hinton.

LSS# 1042.

AS BUILT SKETCH

Installed as Drawn

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:

IMPROVEMENT PERMIT by: Benjamin A Box | Date: 9/24/22

AUTHORIZATION TO CONSTRUCT by: Benjamin A Box | Date: 11-7-22

Installed By: T&L Grading

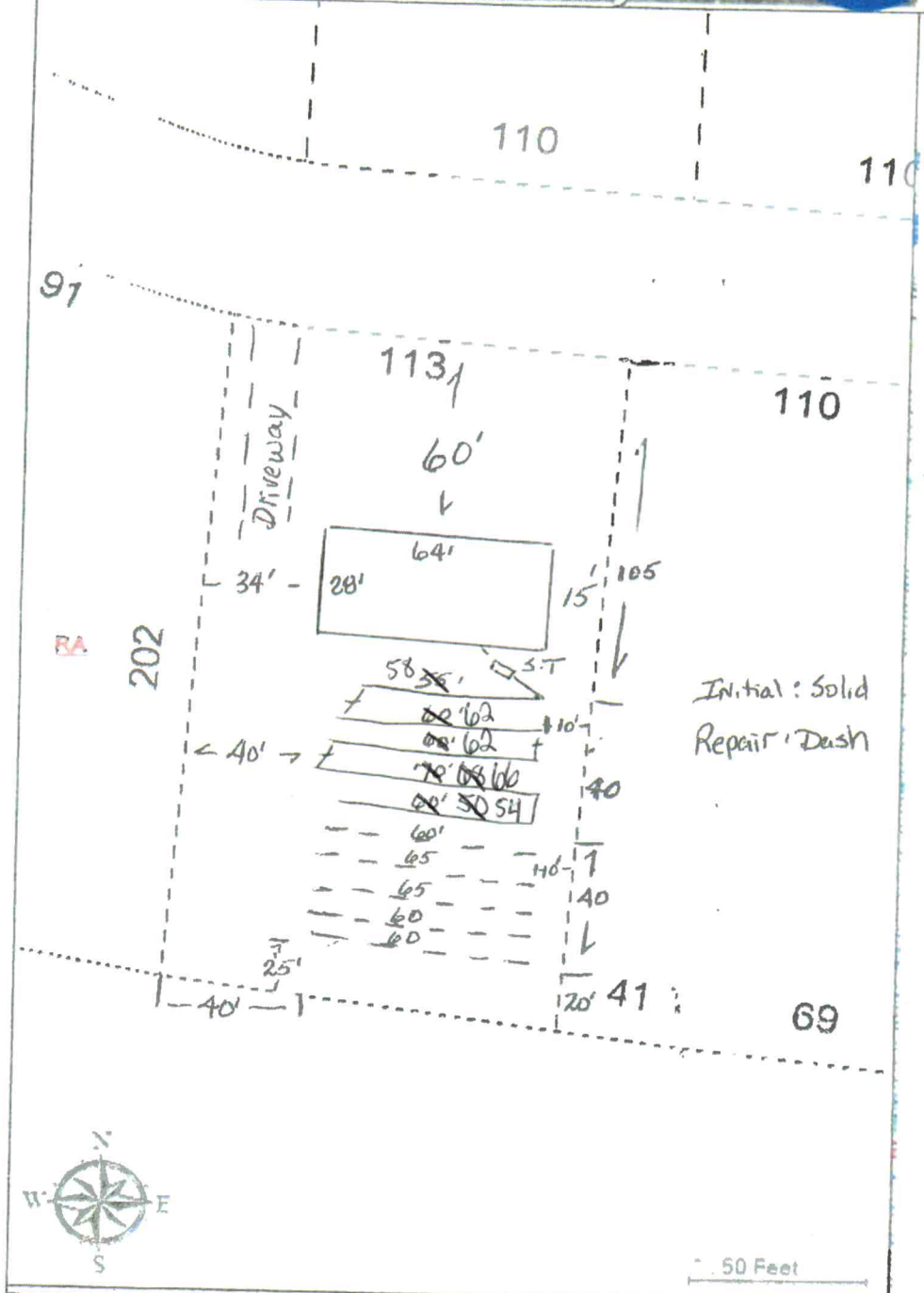
OPERATION PERMIT by: [illegible] | Date: 11/21/22

Existing System Inspected By: | Date:

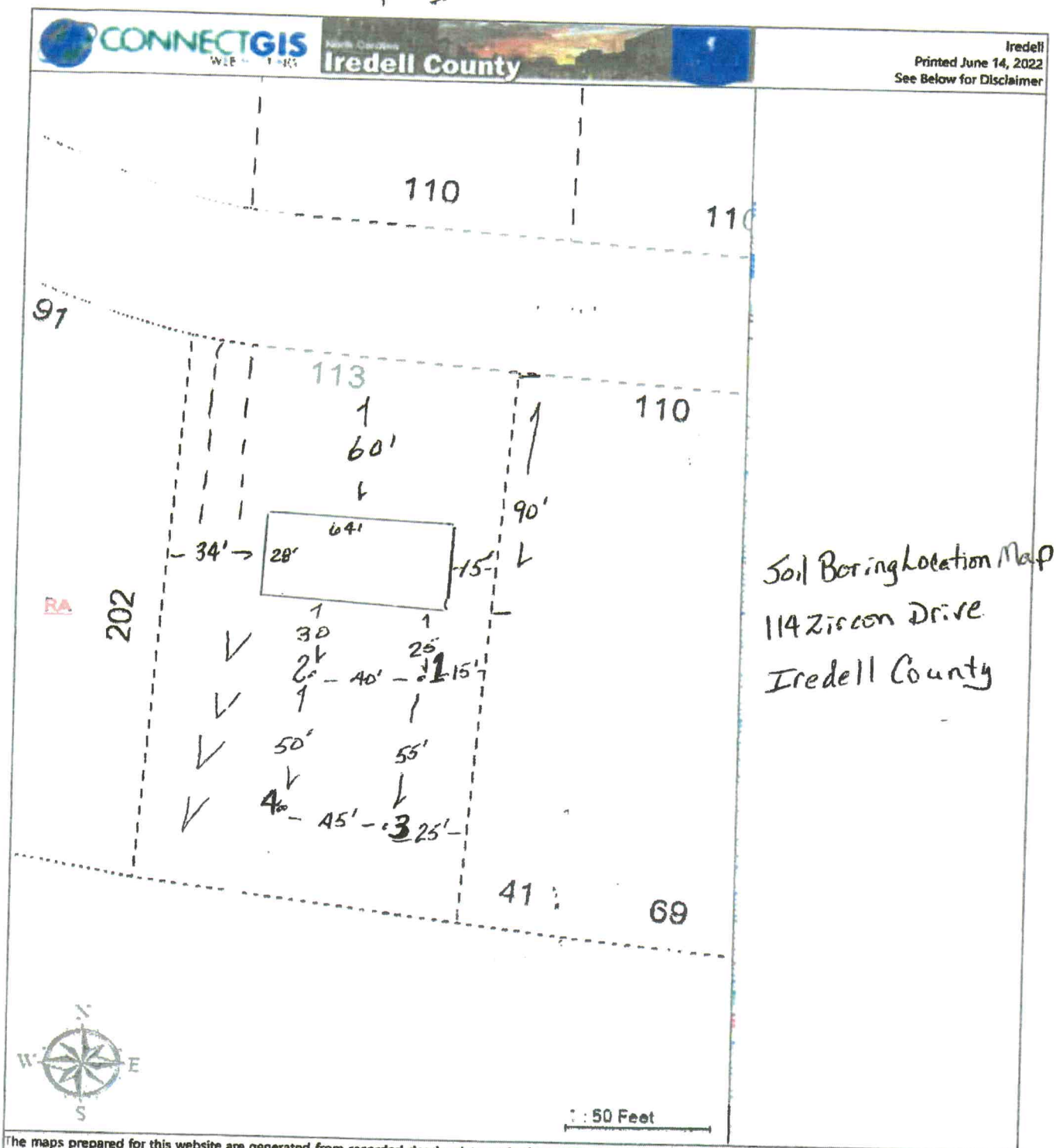
FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.

CONNECTGIS
Iredell County

Iredell
Printed June 14, 2022
See Below for Disclaimer



The maps prepared for this website are generated from recorded deeds, plats, and other public records. Users of these maps are hereby notified that the information provided herein should be verified. Iredell County assumes no legal responsibilities for any of the information contained on this site. Users are advised that the use of any of this information is at their own risk. All maps on this site were prepared using a 1000â€™ Grid based upon the North Carolina State Plane Coordinate System from the 1983 North American Datum. The delinquent real property tax overlay is updated monthly. The information presented is not intended to be used or relied upon as official notice of tax liens. For additional information regarding delinquent taxes, contact the Iredell County Tax Collector's Office.



Soil Boring Location Map
114 Zircon Drive
Iredell County

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County: Iredell

This Section for Local Health Department Use Only

Initial submittal received: 9/14/22 (Date) by BB (Initials)

Permit Number: OSWP 2022-3945

G.S. 130A-335(a4) states the following: *'If a local health department fails to act on an application for an improvement permit submitted pursuant to subsection (a3) of the section within 10 business days of receipt of a complete application, the local health department shall issue the improvement permit.'*

In accordance with G.S. 130A-335(a3) the improvement permit application is:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing:

_____

_____

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☐ Denied (See attached report.)

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☑ Complete

State Authorized Agent: Benjamin A Botts Date of Issuance: 9/24/22

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: 9/24/2027

See attached site sketch

JOSEPH A HINTON
JUSTSOILS53, PLLC

LICENSED SOIL SCIENTIST

♦♦♦

145 RIVER RIDGE ROAD ♦ EDEN, NORTH CAROLINA 27288 ♦ 336-432-7551

E-mail josephinton@triad.rr.com

July 20, 2022

Clayton Homes 772 for Betsy Johnson
828 Piedmont Drive
Lexington, North Carolina 27292
Attn: Darron Sams

Mr. Sams,

The documents (attachments) were prepared by JustSoils53, PLLC to meet the requirements in G.S. 130A-335 (a2) and (a3) for the proposed three bedroom single family residence to be constructed on Parcel 4705758577 located at 114 Zircon Drive in Iredell County. The applicant applies for the Improvement Permit from the Local Health Department (LHD) through the use of a LSS. The LHD has ten days to issue permit, notify applicant the application is incomplete and additional information is needed, or deny the IP and provide a signed, written report citing the rules for denial. The applicant applies for the Construction Authorization (CA) from the LHD at the same as the IP application. In this scenario, a site visit is required by the LHD to issue the CA. Have done this and I know of at one applicant that received their IP and CA. This is a new procedure. Not sure the LHD know how to deal with all the changes.

It is a requirement the LSS Documents be submitted in conjunction with a complete application to the Iredell County Health Department. The septic system layout will accommodate a 25% reduction type ground absorption sewage treatment and disposal system for a three bedroom single family residence for the initial septic system and a 25% reduction type septic system for the designated repair. The daily design flow is 360 gallons per day.

The application shall include all information described in G.S. 130A-335 (a2) and (a3) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"The LSS Evaluation attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3)". The owner's statement letter is in the attachments. Sign and date the owner's statement letter and submit the LSS Documents to Davidson County Health Department with the completed application.

Respectfully,

Joseph A Hinton

Joseph A. Hinton, LSS
JustSoils53, PLLC



But those who trust in the Lord will receive new strength. They will fly as high as eagles. They will run and not get tired. They will walk and not grow weak. Isaiah 40:31

JOSEPH A HINTON
JUSTSOILS53, PLLC

LICENSED SOIL SCIENTIST

♦♦♦

145 RIVER RIDGE ROAD ♦ EDEN, NORTH CAROLINA 27288 ♦ 336-432-7551

E-mail josephinton@triad.rr.com

June 23, 2022

Clayton Homes 772 for Betsy Johnson
828 Piedmont Drive
Lexington, North Carolina 27292
Attn: Mr. Darron Sams

Mr. Sams,

"The LSS Evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)" for the proposed three bedroom single family residence to be constructed on Parcel 4705758577 located at 114 Zircon Drive in Iredell County.

Respectfully,

Joseph A Hinton

Joseph A. Hinton, LSS
JustSoils53, PLLC



"What then shall we say to these things? If God is for us, who can be against us?" Romans 8:31

SEPTIC SYSTEM SPECIFICATIONS

Home Owner: Clayton Homes 772 for Betsy Johnson

Address: 828 Piedmont Drive, Lexington, North Carolina 27292

Location of Residence: 114 Zircon Drive, Iredell County

Number of Bedrooms: 3

Daily Design Flow: 360 gallons per day

Septic System Type: Type IIIg

Septic Tank Size: 1,000 gallons

INITIAL SEPTIC SYSTEM – 25% REDUCTION

Drain Field Square Footage: 915 sq. ft. LTAR: 0.3 gpd

Total Length of Line: 305 feet Number of Lines: 5

Length of Lines: 55 feet, 60 feet, 60 feet, 70 feet, 60 feet

Trench Width: 36 inches Maximum Trench Depth: 34 inches

Rock Depth: N/A Property Line Setback: Minimum 10 Ft

Garbage Disposal: **NO** Water Softener System: **NO**

Septic System Type: 25% Reduction – Type IIIg

Septic Tank Size: 1,000 gallons

DESIGNATED REPAIR AREA – 25% REDUCTION

Drain Field Square Footage: 930 sq. ft. LTAR: 0.3 gpd

Total Length of Line: 310 feet Number of Lines: 5

Length of Lines: 60 feet, 65 feet, 65 feet, 60 feet, 60 feet

Trench Width: 36 inches Maximum Trench Depth: 34 inches

Rock Depth: N/A Property Line Setback: Minimum 10 Ft

Garbage Disposal: **NO** Water Softener System: **NO**

Septic System Type: 25% Reduction – Type IIIg

Septic Tank Size: 1,000 gallons(existing)

Sheet 1 of 1
PROPERTY ID #: 4705758571
COUNTY: Iredell

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

OWNER: Clayton Homes 772 for Betsy Johnson — APPLICATION DATE: ____
ADDRESS: 828 Piedmont Drive, Lexington, North Carolina 27292 — DATE EVALUATED: 6/20/22
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360 gpd — PROPERTY SIZE: .523
LOCATION OF SITE: 114 Zircon Drive, Iredell County — PROPERTY RECORDED: ____
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)		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	
1	L 10%	0-3"	GR / L	FR	>50"	50"	—	—	IV .3
		3-50"	SBK / C	FI, SS, SP / SEXP					
2	L 10%	0-4"	GR / L	FR	>50"	50"	—	—	IV .3
		4-50"	SBK / C	FI, SS, SP / SEXP					
3	L 10%	0-4"	GR / L	FR	>50"	50"	—	—	IV .3
		4-50"	SBK / C	FI, SS, SP / SEXP					
4	L 10%	0-4"	GR / L	FR	>50"	>50"	—	—	IV .3
		4-38"	SBK / C	FI, SS, SP / SEP					
		38-50"	SBK / CL	FR, SS, SP / SEP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	P3	P3
System Type(s)	III g	III g
Site LTAR	.3	.3

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): P3
EVALUATED BY: Joseph A. Hinton, LSS
OTHER(S) PRESENT: ____

COMMENTS: ____

Iredell County Environmental Health
349 North Center Street
Statesville, North Carolina 27292

"The LSS Evaluation attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3)" for the proposed three bedroom single family residence to be constructed on Parcel 4705758577 located at 114 Zircon Drive in Iredell County.

Respectfully,

DATE: _____

Clayton Homes 772 for Betsy Johnson
828 Piedmont Drive
Lexington, North Carolina 27292
Attn: Darron Sams

"What then shall we say to these things? If God is for us, who can be against us?" Romans 8:31

Leslie Barr
September, 08 2022

