# ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 313347

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

PIN # 4740 -31 -0442

APPLICANT/OWNER: David Mazzio — APPLICANT ADDRESS: 123 Winborne Dr Mooresville, NC 28115

SITE ADDRESS: 231 Ridge Creek Drive Troutman NC 28166 — PHONE: 7046586405 — ALT. PHONE

SITE DIRECTIONS: Perth Rd N TR Mantz Hill Rd TR Ridge Creek Dr nearend on left — SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Rocky Creek Cove — SECTION: 3 — LOT # 28 — LOT AREA: .528Ac — DESIGN FLOW: 360gpd — L.T.A.R.: .3

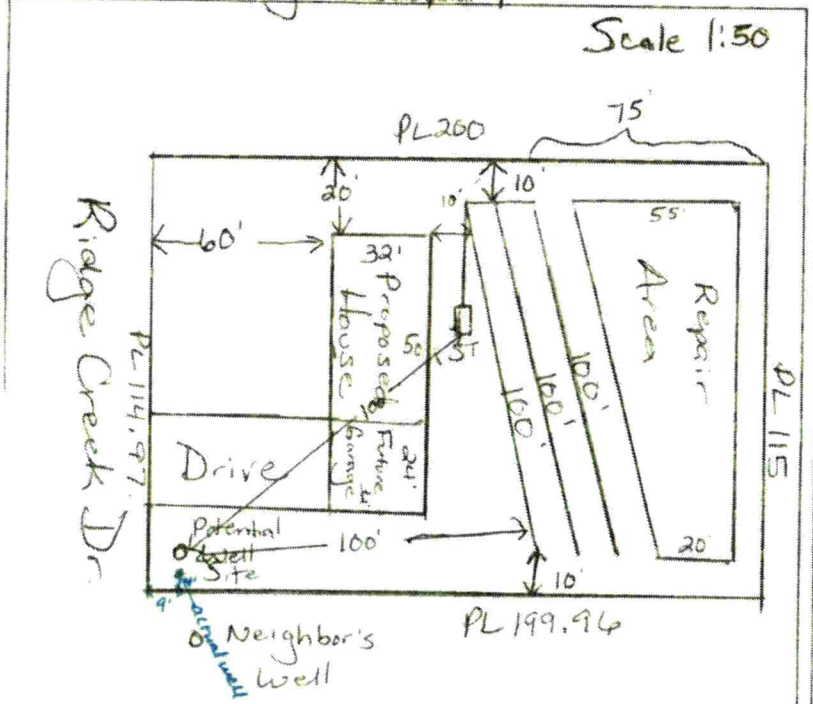
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB | 760 | Date | 5/7/21 | [X] New System [ ] Repair [ ] Expansion | System Type: I II III IV V VI | [X] Residence | No. Bedrooms 3 |
| Pump Tank | (gal) | PT | | Date | | System Description: | Gravity -25% Reduction | [ ] Business | No. Persons 10 |
| Pump Make | | Model | | Serial # | | Repair System Description: | PPBPS | [ ] Other | No. Employees |
| # Nitrification Fields | 1 | # Lines | 3 | Linear Ft. | 300 | Maintenance Agreement Required: | [ ] YES [X] NO | [ ] Slab | [X] Crawl Space |
| Trench Width | 36" | Trench Bottom Depth (Low side) max | 36" | Gravel Depth | N/A | [X] GRAVITY | [ ] PRESSURE | [ ] Basement w/ plumbing | [ ] Basement w/o plumbing |

Water Supply: [ ] Private [ ] Public [ ] Community

Comments / Conditions: Keep Septic 100ft from any well. Permit redrawn because house built further back than original Septic permit

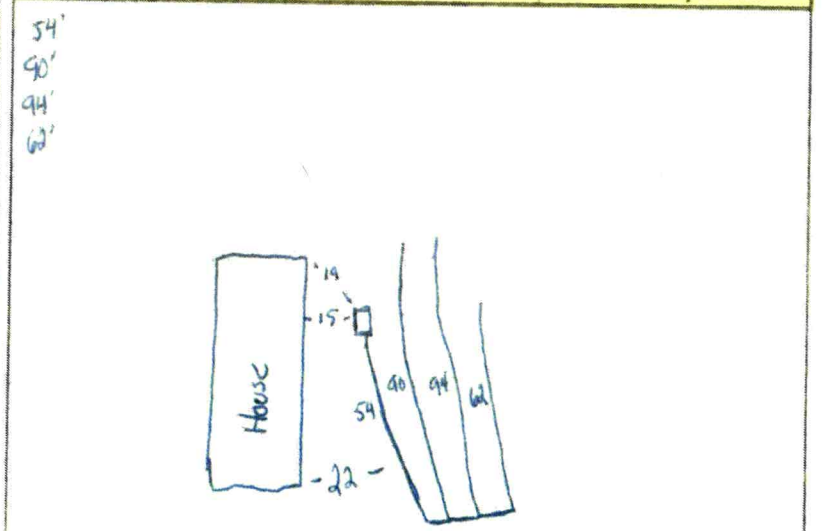
OK to "Cheat" grade a little on lowest line

INITIAL SITE SKETCH




AS BUILT SKETCH

the day the inspection is needed. Be sure to speak with an inspector to confirm your time.




*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.* [X] IMPROVEMENT PERMIT *with site plan valid for 60 mos.* [X] AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: David A. Mazzio — Date: 6/24/21 — Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Maria Dotson — Date: 6/22/21 — OPERATION PERMIT by: Bryant Culbreth — Date: 6/29/21

AUTHORIZATION TO CONSTRUCT by: Maria Dotson — Date: 6/22/21 — Existing System Inspected by: — Date:

ADD SEPTIC FINAL PAPERWORK TO LOT FILE AFTER COMPLETION

ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4740310442
COUNTY: Iredell

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: David Mazzini
ADDRESS: 123 Winborne Dr Mooresville, NC 28115
PROPOSED FACILITY: house
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: Rocky Creek Cove Lot 28
APPLICATION DATE: 12/4/20
DATE EVALUATED: 2/4/21
PROPERTY SIZE: .528 Ac.
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) .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 10% | 0-4" | Brw | SCL, SS, SP, Sexp, FR | | | | | PS |
| | | 4-30" | Rd Cm-f SBK | SS, SP, Sexp, FR | | | | | |
| | | 30-45" | Rd CL w SBK, FR SS, SP, Sexp | | — | 45" | PS | — | .3 |
| | | 45-54" | L SAP | massive, FR | | | | | |
| 2 | LS 8% | 0-30 | R C m SBK | SS, SP, Sexp, FR | | | | | PS |
| | | 30-41 | R CL w SBK w/ Few to many SAP Inclus | SS, SP, Sexp, FR | | | | | |
| | | 41-62 | Wet/Rd L SAP massive, FR | | — | 41" | PS | — | .3 |
| 3 | LS 8% | 0-13" | Rd L m-w SBK | SS, SP, Sexp, FR | | | | | PS |
| | | 13-24" | Rd CL w SBK w/ Few to many SAP | SS, SP, Sexp, FR | | | | | |
| | | 24-62" | L SAP massive, FR | | — | 24" | PS | — | .3 |
| 4 | LS 10% | 0-14 | Rd Cm-f SBK | SS, SP, Sexp, FR | | | | | PS |
| | | 14-27 | R CL w SBK | SS, SP, Sexp, FR | | | | | |
| | | 27-47 | R CL w SBK & Few-many SAP Inclus | SS, SP, Sexp, FR | | 47" | PS | (Quartz Vein on on Side of Pit) — | .3 |
| | | 47-62" | L/SL SAP | massive, FR | — | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 25% Red. | PPBPS |
| Site LTAR | .3 | |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: David Beane

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 | NEXP (Non-expansive) | G (Single Grain) |
| CV (Convex Slope) | | LS (Loamy Sand) | | | SEXP (Slightly Expansive) | M (Massive) |
| D (Drainage Way) | | | | | EXP (Expansive) | 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) |
| (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.

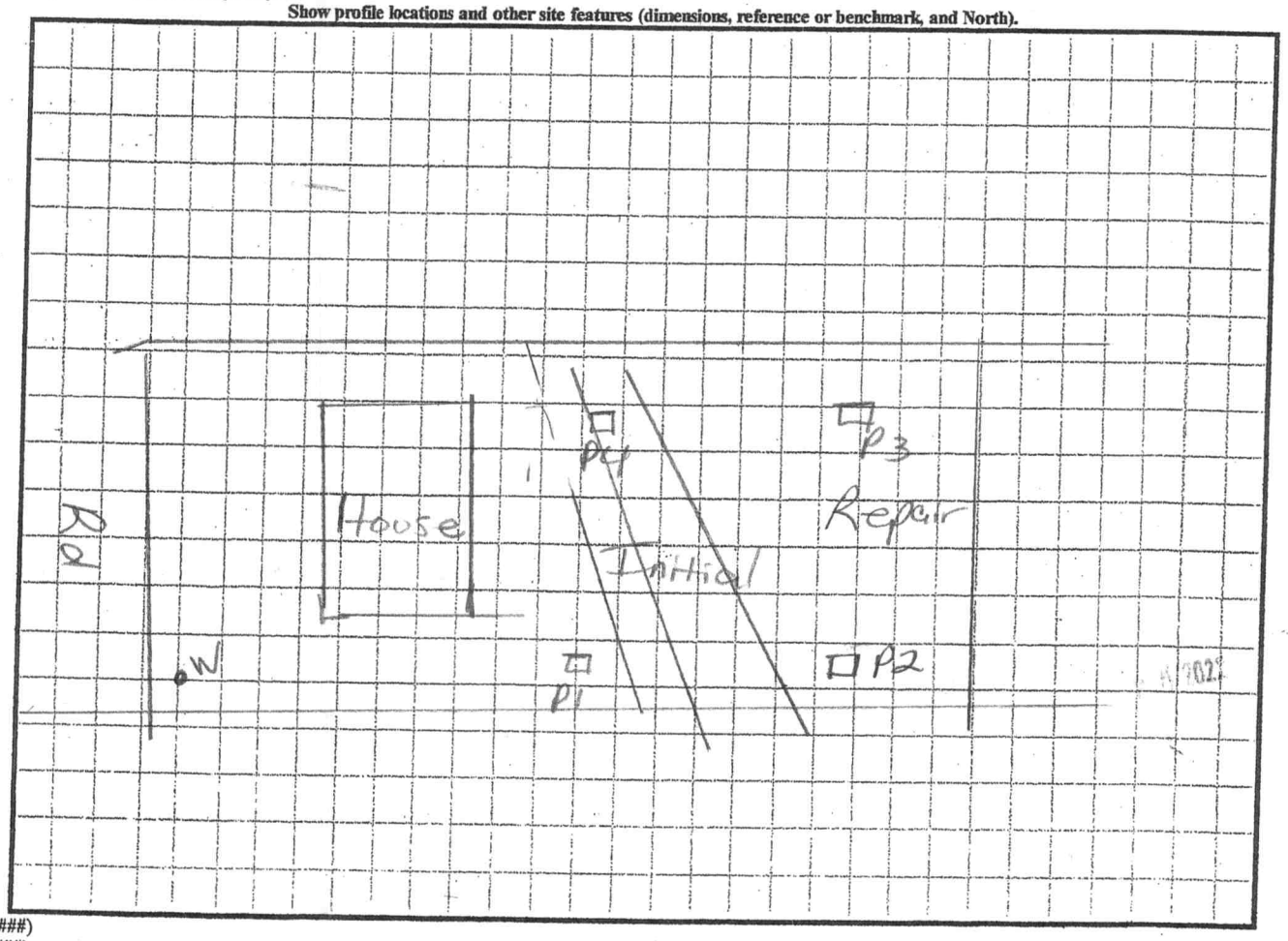
**NOTES**

| | |
|---|---|
| *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).**




R (######)

W (#####)

RECEIVED MAY 2 8 2021

**APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED**

# Iredell County Health Department – Environmental Health Division

**PAGE 1:** ***APPLICATION FORM*** AP-31334 n $320.00

**Application For:** ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) 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:** David S. Mazzini **Address:** 231 Ridge Creek Troutman NC **Zip:** _____

**Applicant Email:** davidsmazzini@gmail.com **Phone:** (704) 658-6405 **Alt. Phone:** _____

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

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

**********

**Property Information:**

**Street Address:** 231 Ridge Creek

**Subdivision Name:** Rocky Creek Cove **Section/Phase:** _____ **Lot Number:** 28

**Driving Directions:** _____

**********

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

**CHECK FOUNDATION TYPE**

(✓) New Single Family Residence — Maximum Number of Bedrooms: 3 — ( ) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 6 — ( ) 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 ( ) 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 ( ) Other: _____

**********

**Please answer the following to the best of your ability:**

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) 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:** David S. Mazzini 05/28/21

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

*(Check and sign only ONE of the options below)*

☑ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) David S. Mazzini

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, David S. Mazzini, am the legal owner(s) of the property located at 231 Ridge Creek, 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.

David S Mazzini _____ 05/28/21

Signature of Owner(s) Date

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

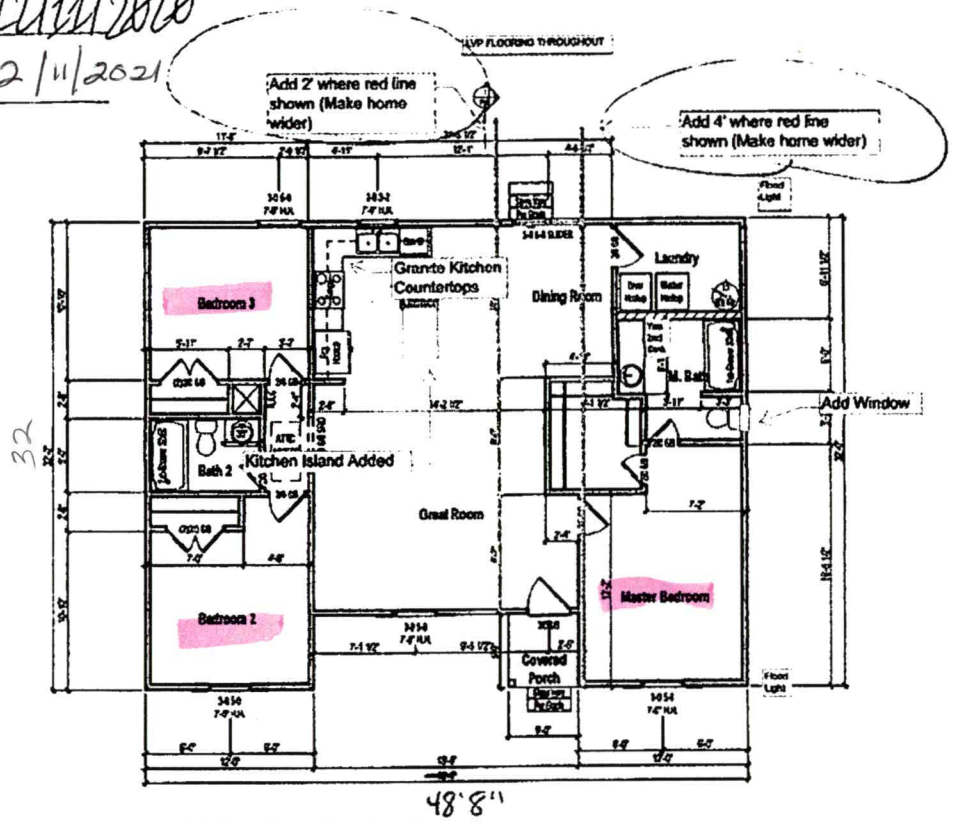
**Statesville - Environmental Health**
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

Acknowledgement Of

Plans Submittal ONLY!

David A Murphy Date 12/11/2020

Maria Dolan Date 2/11/2021




1 1st Floor Plan - Elevation A

1/8" = 1'-0"

ValueBuild

2035 Jefferson Davis Hwy, Sanford, NC 27332

THE LINDA - Elevation A

1st Floor Plan

Plan Version Date: 4/13/20

Job Version Date:

Sheet #: ElevA-Pg3

IREDELL COUNTY · NC

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

| APPLICATION NUMBER |
|---|
| **313347**<br>Issue Date: 12/11/2020 |

**Permit Type: ZONING**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4740310442.000 | 231 RIDGE CREEK DR | Iredell County |

| Owner Information | Applicant Information |
|---|---|
| Name: MAZZINI DAVID+ANNA | Name: MAZZINI DAVID+ANNA |
| Address: | Address: |
| , | , |
| Phone: | Phone: |

| Use Requested | Zone Code |
|---|---|
| Single Family Dwelling | RA |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| 0 | 35 | 35 | 15 | 15 | WSIV-PA 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.

**Date:** 12/11/2020

Signature of Owner/Contractor

| Permit Number | 313347 | TOTAL FEES: | $77.25 |
|---|---|---|---|