ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 307555

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

PIN # 4649 -43 -7572

APPLICANT/OWNER: Ridge Water Construction LLC APPLICANT ADDRESS: PO Box 4211 Mooresville NC 28117

SITE ADDRESS: 162 Fern Hill Rd Troutman NC 28166 PHONE: ALT. PHONE

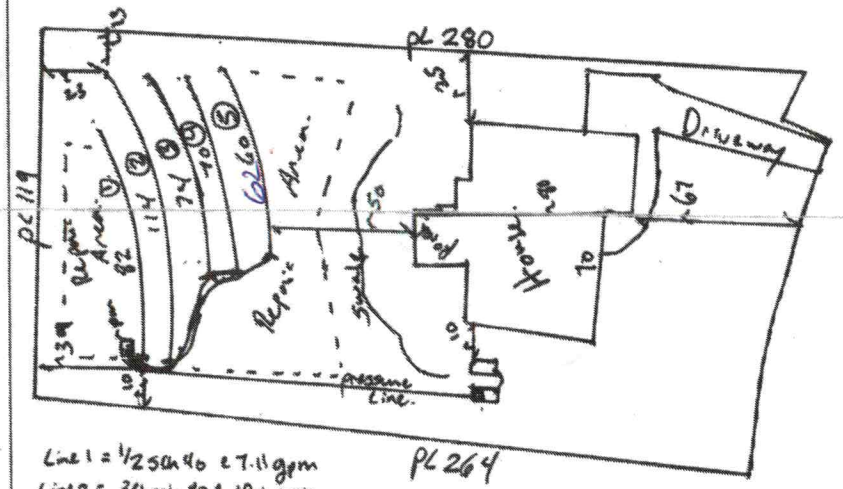
SITE DIRECTIONS: Perth Rd On Fern Hill 1/4 mile before Rankin Hill on Left SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Hobbs Creek SECTION: - LOT # 3 LOT AREA: .80 Acres DESIGN FLOW: 480 L.T.A.R.: 30

Septic Tank	1000 (gal)	STB	760	Date	7-11-2020	[X] New System [ ] Repair [ ] Expansion	System Type: I II (III) IV V VI	[X] Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000 (gal)	PT	363	Date	8-8-2020	System Description:	Pump - 25% Reduction	[ ] Business	No. Persons	8	[X] Private
Pump Make		Model		Serial #		Repair System Description:	EP - Panel Blocks 50% Reduction	[ ] Other	No. Employees		[ ] Public
# Nitrification Fields	1	# Lines	5	Linear Ft	400	Maintenance Agreement Required:	[ ] YES [X] NO	[ ] Slab	[X] Crawl Space		[ ] Community
Trench Width	36	Trench Bottom Depth			36 max	Gravel Depth	[ ] GRAVITY [X] PRESSURE	[ ] Basement w/plumbing	[ ] Basement w/o plumbing		

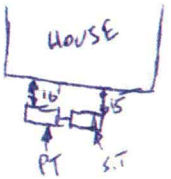
Comments / Conditions: Install Septic Downline on the Contour of the land and utilize pressure manifold. Do not exceed max depth of 36 inches. Do not Drive, park, place, grade or bury utilities on drainfield area.

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.



9-24-2020 Ball
TANKS ✓
DRAINLINES ✓
PRESSURE MANIFOLD ✓
SUPPLY LINE ✓

INSTALLED AS PERMITTED

10/8/2020: pressure set and floats checked Kevin said he is going to put another Riser on PT and they still need the Electric Box and Alarm checked

10/29/2020: Alarm and breakers checked and we're good.

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**

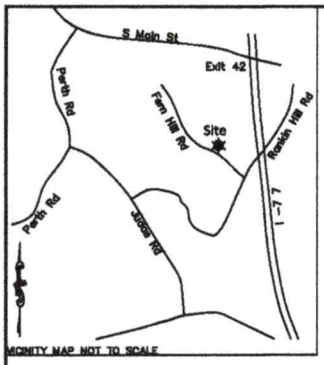
[ ] **IMPROVEMENT PERMIT** *with plat valid without expiration.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Rachael McDuff Date: Installed by: ROWAN SEPTIC

IMPROVEMENT PERMIT by: Date: 9/23/2020 OPERATION PERMIT by: Patrick J Ball III Date: 10/29/2020

AUTHORIZATION TO CONSTRUCT by: Date: 9/23/2020 Existing System Inspected by: Date:

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



GRAPHIC SCALE

40 0 20 40

(IN FEET)
1 inch = 40 feet

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N59°39'52"W	16.58'
L2	S26°41'57"W	19.64'
L3	N77°52'12"W	7.42'

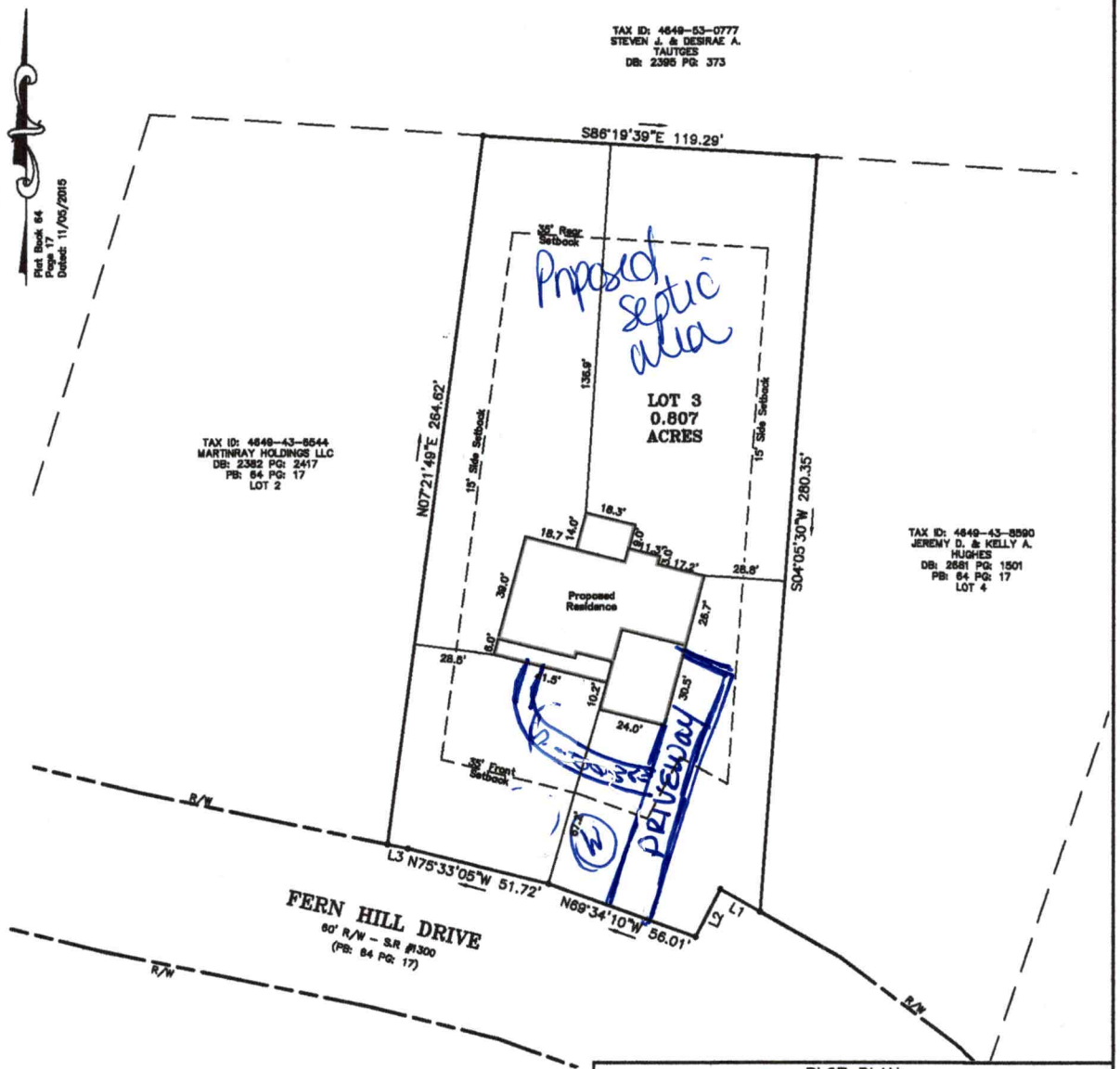
LEGEND

R/W = Right-of-way

I, JOEL H. PATTERSON III, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; DEED DESCRIPTION AND/OR MAP BOOK SEE , PAGE NOTE #2 ; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK N/A , PAGE N/A ; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS _____ DAY OF _____, 2020.

JOEL H. PATTERSON III, PLS
LICENSE NUMBER: L-3717

NORTH CAROLINA PROFESSIONAL SEAL L-3717 LAND SURVEYOR JOEL H. PATTERSON, III



SURVEYOR NOTES

1) ALL DIMENSIONS SHOWN ARE IN US SURVEY FEET AND DECIMALS THEREOF AND ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE INDICATED. AREA BY COORDINATE METHOD.
2) THIS SURVEY IS BASED ON DEED BOOK 2382 PAGE 2417 AND PLAT BOOK 64 PAGE 17 AS RECORDED AT THE IREDELL COUNTY REGISTER OF DEEDS.
3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY. THE PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS OR CONDITIONS NOT OBSERVED OR SHOWN HEREON.
4) BASIS OF BEARINGS: PLAT BOOK 64 PAGE 17 - DATED: NOVEMBER 05, 2015.
5) THE LOCATION OF UTILITIES AS SHOWN HEREON, WHETHER PUBLIC OR PRIVATE, ARE BASED ON THE LOCATION OF VISIBLE ABOVE GROUND APPURTENANCES ONLY. OTHER UTILITIES WHICH WERE NOT OBSERVED AND NOT SHOWN HEREON MAY EXIST. IT IS THE OWNERS/TENANTS RESPONSIBILITY TO VERIFY THE LOCATION PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. PATTERSON LAND SURVEYING, P.A. CANNOT ASSUME RESPONSIBILITY FOR MISIDENTIFICATION OR OMISSION OF UNDERGROUND UTILITIES.
6) THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
7) THIS PROPERTY LIES IN FLOOD ZONE "X" AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANELS 3710464800J, WITH AN EFFECTIVE DATE OF MARCH 18, 2008.
8) POINTS NOT LABELED "FOUND" OR "SET" ARE COMPUTED POINTS ONLY.

PLOT PLAN

LOT 3 - HOBBS CREEK SUBDIVISION
PLAT BOOK 64 PAGE 17

162 FERN HILL ROAD
DAVIDSON TOWNSHIP, IREDELL COUNTY, NC

Prepared For (Buyer):
RIDGEWATER CUSTOM HOMES
P.O BOX 4211
MOORESVILLE, NC 28117

PATTERSON LAND SURVEYING, P.A.
NC LICENSE #: C-3390
P.O. BOX 5010, MOORESVILLE, NC 28117
PHONE: 704-663-0110 EMAIL: pattersonlandsurveying@gmail.com

Drawn By: MDH	Checked By: JHP	Scale	Project No.
Tax PIN: 4649-43-7572		1" = 40'	20058
Date: JUNE 19, 2020			Sheet No.
File: 20058_Lot3_162FernHillRoad			1 of 1



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

Sheet 1 of 1
PROPERTY ID #: 7649-43 7527
COUNTY: Franklin

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

OWNER: Rickenmiller Carrabmott — APPLICATION DATE: _____
ADDRESS: 4241 Mill AC. — DATE EVALUATED: _____
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 4/60 JPD. — PROPERTY SIZE: _____
LOCATION OF SITE: 62 Finch Hill — 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	10% Ridge	0-48	CL WSBK	SS SP		<18.	—	—	PS .30.
		48-90	LSAP M	NS NP VFR					
2	10% Ridge	0-80	C SBK			80			PS .30
		80-102	CL WSBK						
3	10% Ridge	0-66	C SBK			114.			PS .30.
		66-114	CL WSBK						
4	10% Ridge	0-43	C SBK			80.			PS .30.
		43-80	CL. WSBK						
		80-90.	LSAP M						

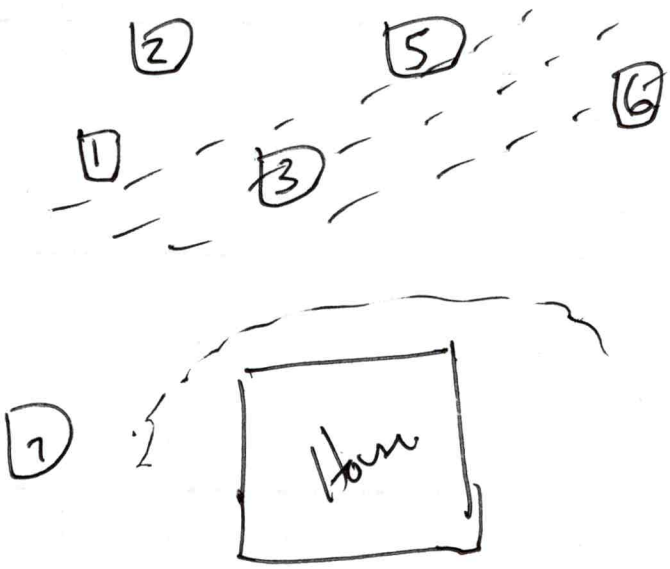
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	267.
System Type(s)	III 25%	IV 50%
Site LTAR	.30	.30

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bolling
OTHER(S) PRESENT: _____
* Holes 5, 6, 7 on back w/ Site Plan

5). 0-28 c PS .30
28-47 cc
47-112 <5qpM

6). 0-48 c
49-100 cc PS .30

7). 0-24 c PS .30. (4)
24-25 cc



RECEIVED SEP 0 3 2020

AP-307555

$500.00

Requesting Ben Botkins

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* Comprehensive Relayout App

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: Ridgewater Construction LLC **Address:** PO Box 421 Mooresville, NC **Zip:** 28117
Applicant Email: Rachael@ridgewatercustomhomes.com **Phone:** 704-657-4876 **Alt. Phone:**
Owner Name: Jennifer & Rick Costanzo **Address:** 162 Fern Hill Rd. Troutman **Zip:** 28166
Owner Email: jennifer.costanzo@hotmail.com **Phone:** (704) 902-1301 **Alt. Phone:**

Property Information:

Street Address: 162 Fern Hill Rd. Troutman, NC 28166

Subdivision Name: Hobbs Creek **Section/Phase:** **Lot Number:** 3

Driving Directions: N Center Street, I77 South, exit 42, (L) on Flowerhouse loop to Clontz Hill (L) onto Perth Rd, (L) onto Fern Hill, ¼ Mile before Rankin Hill Rd. On (L).

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

CHECK FOUNDATION TYPE

(✓) New Single Family Residence — Maximum Number of Bedrooms: 4 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 4 — ( ) 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:

(X) 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 (1) 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: Rachael Nels Sept 2, 2020

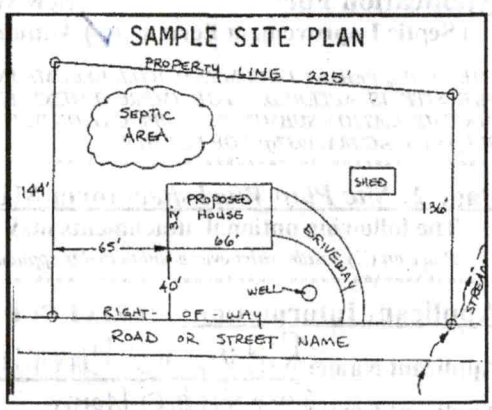
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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:

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

Signature: _____ _____

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

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

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*) _____

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, Jennifer Costanzo, am the legal owner(s) of the property located at 1162 Fern Hill Rd. Troutman, NC, identified as PIN (Parcel Identification Number) 4649-437572.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Rachael McClure/ Ridgewater Construction LLC, 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.

Jennifer Costanzo
_____ 09-02-2020
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

ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.

*** Initial all lines below to indicate you have submitted each form and completed every site requirement ****

✓ **Complete all Environmental Health forms**:

- ✓ Application
- ✓ Site Plan including the dimensions of proposed structure, addition, pool etc.
- ✓ Documentation to Authorize Owner Agent (even if the property owner is the applicant – complete section 1 or 2)
- ✓ Copy of Zoning Permit when applicable
- ✓ Sign this sheet after you have completed all items

✓ **Lot must be cleared of heavy undergrowth**. In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with 50 feet of visibility in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

✓ **Clearly mark all property corners by locating existing iron or concrete markers.** Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only). 'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged**.

✓ **Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted**. The proposed structure, etc. must be staked out on the property as per the site plan.

✓ **If an Authorization to Construct (AC) is desired,** submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application. *Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are nonrefundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.*

Backhoe pits are required for all applications that require a soils evaluation.
DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.

- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- The applicant/agent is responsible for securing these services
- Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.
- The EH specialist will contact you when your application is ready to be processed for pit scheduling.
- Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work.

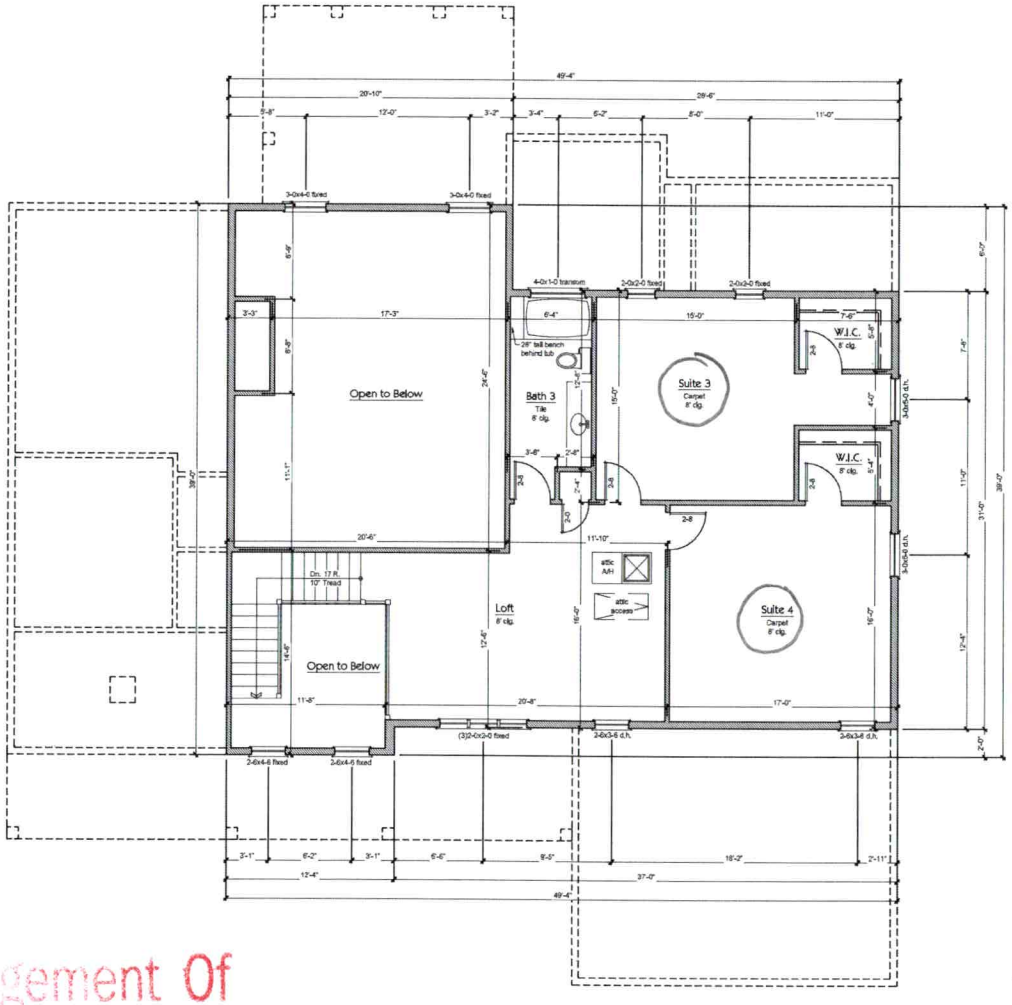
By signing below, I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).

Signature Rachael Mele **Date** Sept. 2, 2020

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

Mooresville Office
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625



Structural Notes:

1) All Framing shall be designed by others for all applicable loads by an engineer licensed in the state of North Carolina.
2) All concentrated loads generated by the roof trusses shall be noted on all truss drawings.
3) Structure & Framing by others. It is the responsibility of the Builder to see that the structure is built in strict compliance with the governing municipal codes.
4) Builder is responsible for verifying site and soil conditions as it relates to the foundation plan.
5) It is not the responsibility of Isaac Buehler Residential Design for all structural components as it relates to foundation, framing, or truss design.

Upper Level Notes:

* All angled walls are 45° u.n.o.
* All doors and cased openings on this level to be 6'-8" tall u.n.o.

Upper Level Floor Plan

Scale: 1/4" = 1'-0"

Acknowledgement Of
Plans Submittal ONLY!
Rachael McCoy Date 6/17/2020
Tom Shuck Date 6/16/2020

DARDEN ENGINEERING

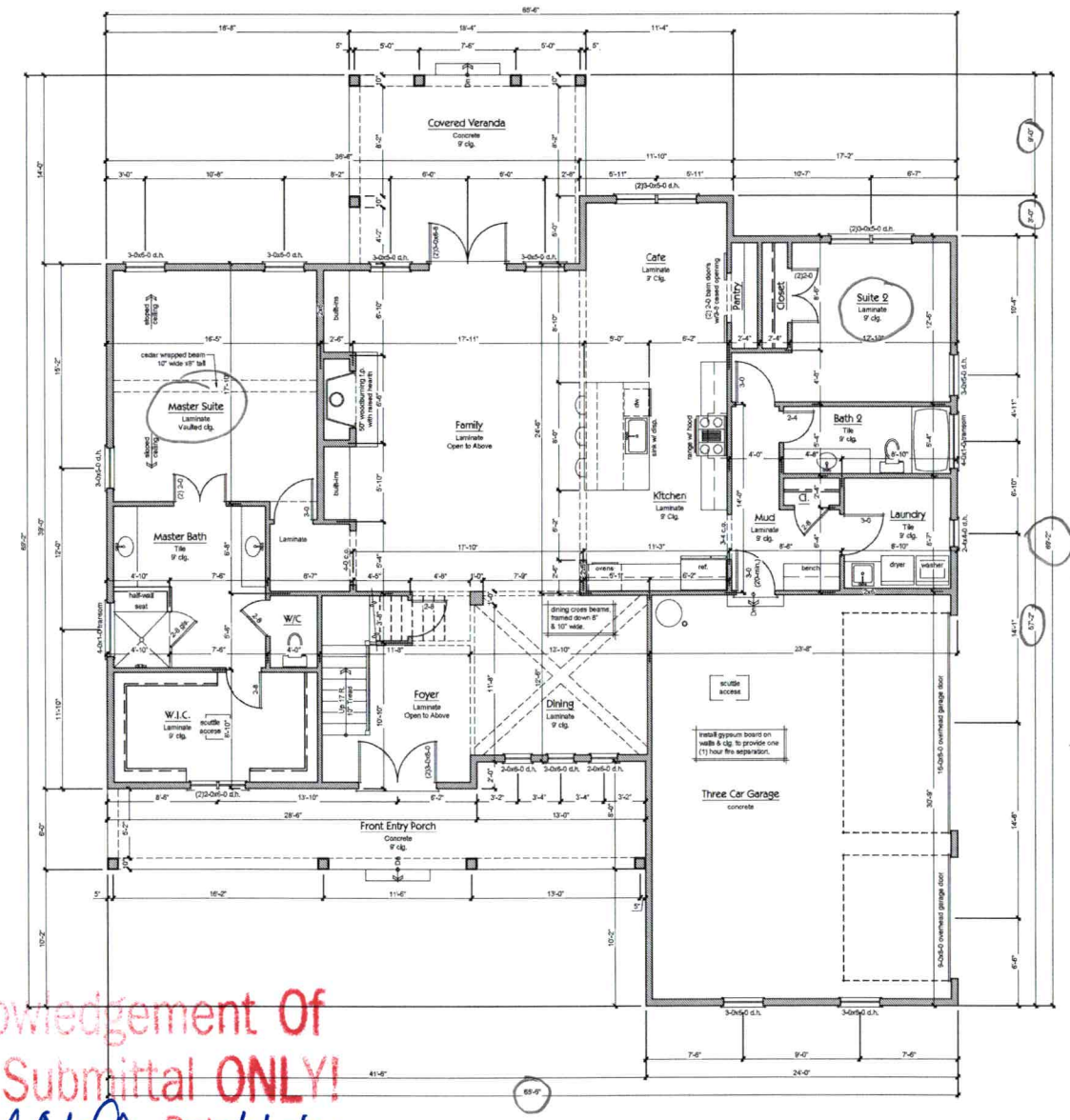
The Costanzo Residence
Lot 3 Hicks Creek, Fern Hill Road
Troutman North Carolina

RCH RIDGEWATER CUSTOM HOMES

IB RD ISAAC BUEHLER RESIDENTIAL DESIGN
Email: isaac.buehler.design@gmail.com
Phone: (704) 508-2522
6760 Curtwood Dr.
Tipp City, Ohio 45371

Project No:	513-20
Date:	05/21/2020
Working Drawings	
Title:	Upper Level Floor Plan
Revisions:	
Drawn by:	IB
Checked by:	*

Sheet No. 3



Structural Notes:

1) All Framing shall be designed by others for all applicable loads by an engineer licensed in the state of North Carolina.
2) All concentrated loads generated by the roof trusses shall be noted on all truss drawings.
3) Structure & Framing by others. It is the responsibility of the Builder to see that the structure is built in strict compliance with the governing municipal codes.
4) Builder is responsible for verifying site and soil conditions as it relates to the foundation plan.
5) It is not the responsibility of Isaac Buehler Residential Design for all structural components as it relates to foundation, framing, or truss design.

Main Level Notes:

- All angled walls are 45° u.n.o.
- All doors and cased openings on this level to be 6'-8" tall u.n.o

Square Footage

Framed

Main Level Heated	2,311 Sq.Ft.
Upper Level Heated	1,032 Sq.Ft.
Total Heated	3,343 Sq.Ft.
Three Car Garage	726 Sq.Ft.
Front Entry Porch	276 Sq.Ft.
Covered Veranda	246 Sq.Ft.
Total Unheated	1,349 Sq.Ft.
Total Under Roof	4,692 Sq.Ft.

Acknowledgement Of
Plans Submittal ONLY!
Rachael Miller Date 6/17/2020
Tom Shuck Date 6/16/2020

Main Level Floor Plan

Scale: 1/4" = 1'-0"

NORTH CAROLINA PROFESSIONAL SEAL 23153 ENGINEER JOHN C. DARDEN, III

DARDEN ENGINEERING

The Costanzo Residence

Lot 3 Hicks Creek, Fern Hill Road
Troutman North Carolina

RCA RIDGEWATER CUSTOM HOMES

IB RD ISAAC BUEHLER RESIDENTIAL DESIGN
Email: Ibresidentialdesign@gmail.com
Phone: (704) 608-2912
6760 Curtwood Dr.
Tega Cay, SC 29708

Project No:	513-20
Date:	05/21/2020
Working Drawings	
Title:	Main Level Floor Plan
Revisions:	
Drawn by:	IB
Checked by:	*

Sheet No.
2