IREDELL COUNTY HEALTH DEPARTMENT

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

222049

PERMIT # 214/26

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

PIN # 4655416461 0 V

APPLICANT: Louis Sellman APPLICANT ADDRESS: 8909 Chagrin Dr. #105 Cornelius, NC 28031

SITE ADDRESS: 113 Jami Wind Ct Mooresville, NC 28117 PHONE: ALT. PHONE: 704 995-9718

SITE DIRECTIONS: Hwy 115 S TL Faith Rd TL Jenny Marie TR Jami Wind on left

SUBDIVISION: Serene Lake SECTION: 2 LOT # 13 LOT AREA: .892 Ac DESIGN FLOW: 480gpd L.T.A.R.: .3

Septic Tank	1000 (gal)	STB 524	Date 5-8-17	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	(gal)	PT	Date	System Description: Gravity-PPBPS				☐ Business	No. Persons 8
Pump Make		Model	Serial #	Repair System Description: PPBPS				☐ Other	No. Employees
# Nitrification Fields	1	# Lines 6	Linear Ft: 270'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☐ Crawl Space
Trench Width	24" min	Max. Trench Bottom Depth 30"	Gravel Depth NA		☒ GRAVITY	☐ PRESSURE		☒ Basement w/plumbing	☐ Basement w/o plumbing

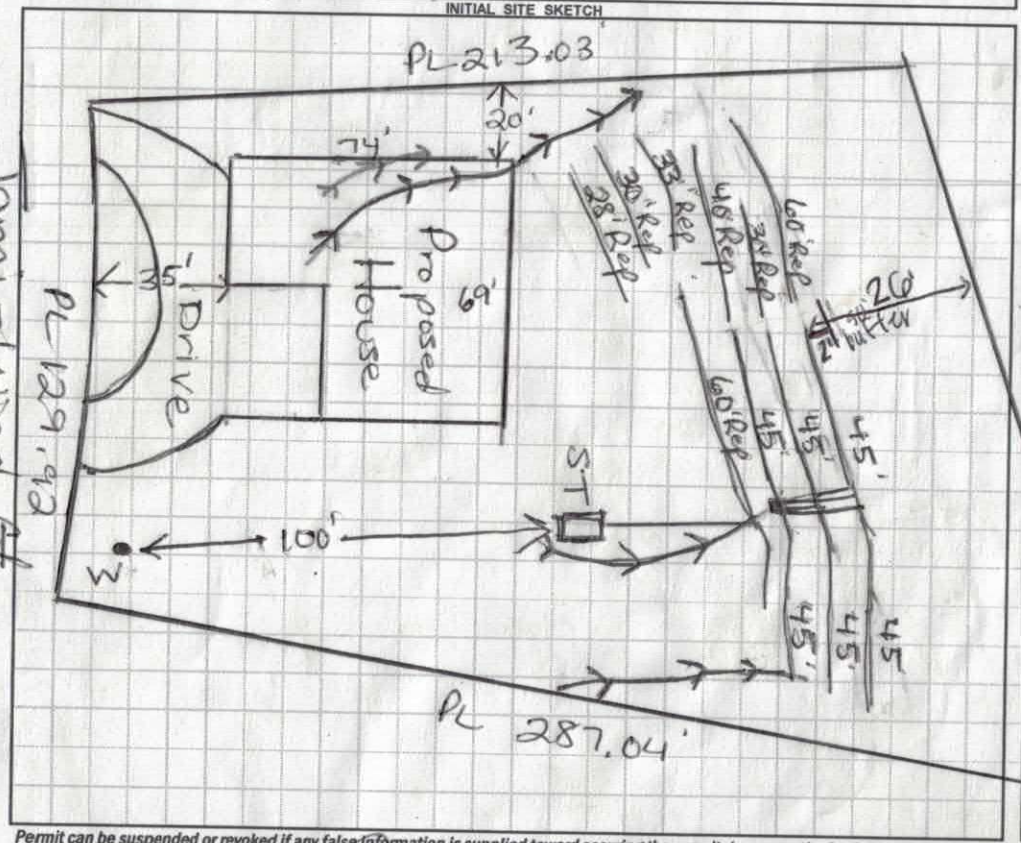
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: ☆ "Property fill all gullies

Note: Original Septic plan prepared by Michael Athanas & Assoc

100ft separation between well & Septic

INITIAL SITE SKETCH



AS BUILT SKETCH

Scale 1:50

☆10 panels per line

☆6-29-17: Septic tank had no date. Waiting on letter from manufacturer before issuing OP.

☆Letter from tank manufacturer attached 6-30-17

PL 200.85'

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**

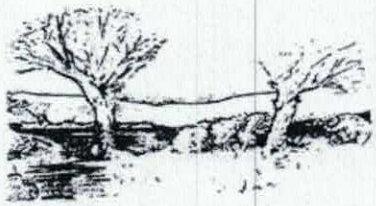
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 10/31/16 Installed by: Jon W 1st Choice

IMPROVEMENT PERMIT by: Maria L Olson RS Date: 10/28/16 OPERATION PERMIT by: Cindy Wilson Date: 6-30-17

AUTHORIZATION TO CONSTRUCT by: Maria L Olson RS Date: 10/28/16 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Lot 13 Serene Lake; 113 Jami-Wind Ct.; Iredell County, NC
House Footprint: 60'x60'
Building Setback: 50' Front, 15' Side, 50' Rear
Water Source: Private Well
Number of Bedrooms: 4/480GPD
Proposed LTAR: 0.3 gpd/ft2
Suggested System Type: Panel Block/9' Centers/Gravity
Repair System Type: PPBPS/9' Centers
Distribution: Distribution boxes
Proposed Trench Bottom Depth: 30"
Septic/ Pump tank size: 1000 ST

Approved
11/2/15

Line	Design Length	Repair Length	# of Panels	Actual Length	Elevation*
Blue 0		27'		27'	2.3'
Pink 1		28'		28'	4.8'
Red 2		30'		30'	7.3'
White 3		33'		33'	9.6'
Pink 4		60'		60'	8.5'
Blue 5	2x45'	40'	10	140'	11.7'
White 6	2x45'	30'	10	130'	14.4'
Red 7	2x45'	60'	10	160'	18.2'

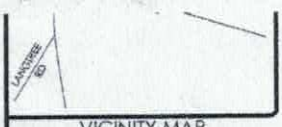
Initial System: 270' **Repair System:** 308' **H.C.:** 0.8'
BM: 16.1 at the 15' setback and 50' setback intersection of property line.

Comments:

The purpose of this evaluation is to permit the property for a 4-bedroom residence.

- The remaining linear footage for B5, W6, and R7 will kept for repair. Spacing and line lengths indicated on site plan.
- All gullies indicated on the site plan should be filled to allow the system to be installed as shown.
- Due to Saprolite, the proposed well should maintain a 100' radius from any part of the system.
- Please note that there is a potential cut area located near the rear of the lot. It has been denoted on the site plan. If this area is deemed a cut by Iredell County Health Department, then the area will need to be slightly graded to blend the topography. This will keep the system from having to be the required 15' setback from a cut.
- The house site has been located using orange pin flags.

7. PROPERTY SUBJECT TO ANY & ALL EASEMENTS AND RESTRICTIONS OF RECORD.
8. PROPERTY DOES NOT LIE IN A SPECIAL FLOOD HAZARD ZONE. (FIRM No. 3710465500J)
9. THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE REPORT.



VICINITY MAP
(NOT TO SCALE)

ABBREVIATIONS

DB	DEED BOOK
PB	PLAT BOOK
PG	PAGE
N/F	NOW OR FORMERLY
R/W	RIGHT-OF-WAY
CMP	CORRUGATED METAL PIPE
SF	SQUARE FEET
AC	ACRES

CRYSTAL LAKE

N/F
SERENE LAKE PROPERTY OWNERS ASSOCIATION
PIN # 4655467768
DB 1199 PG 1784
PB 22 PG 187

Approved 11/2/15 MD

S 87°59'46" W 18.39' (TIE)
IPF 3/4"
IPF 3/4"

APPROX. EDGE OF WATER

200.85'

N 87°52'20" E

50'x15' setback

IPF 3/4"

N 87°53'59" E 62.98' (TIE)
IPF 3/4" BENT

S 25°53'51" W

Potential Cut Line

60' Repair

45' REAR SETBACK

45' ABS

Distribution Box

S 12°48'50" W

40' Repair

LOT 12
N/F
MICHAEL & KATHLEEN KACENGA
PIN # 4655465577
DB 914 PG 1237
PB 22 PG 187

LOT 13 (VACANT)
N/F
BRANDON LEE HOLLOWAY
PIN # 4655464610
DB 2055 PG 2233
PB 22 PG 187

LOT 14 (VACANT)
N/F
BRANDON LEE HOLLOWAY
PIN # 4655462651
DB 2055 PG 2233
PB 22 PG 187

AREA:
38,872.5 SF
0.892 AC

House

100' to Well

15' SIDE SETBACK

15' SIDE SETBACK

50' FRONT SETBACK

213.03'

287.04'

Proposed Well

DRIVE

RAD=570.64'
LEN=54.76'
CH BRG=N 79°56'09" W
CH DIST=54.74'

RAD=570.64'
LEN=130.20'
CH BRG=N 78°39'27" W
CH DIST=129.92'

RAD=570.64'
LEN=41.06'
CH BRG=N 62°01'38" W
CH DIST=41.05' (TIE)

IPF IRON UNDER CONC.

IPF 3/4"

IPF 3/4"

IPF 3/4"

JAMI-WIND COURT
45' WIDE PUBLIC R/W

EXISTING R/W

EXISTING R/W

PB 22 PG 187

SYMBOL LEGEND

- IRON PIPE FOUND (IPF)
- CALCULATED POINT (CP)
- E ELECTRIC BOX
- T TELEPHONE BOX
- TV CABLE TV BOX

GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 ft.

I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 2055, PAGE 2233); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION REFERENCED HEREON; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000; THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600).
WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER

NORTH CAROLINA PROFESSIONAL

SURVEY OF PROPERTY for:
MATT GALLAGHER

113 JAMI-WIND COURT
LOT 13, SERENE LAKE - SECTION 2
CODDLE CREEK TOWNSHIP
IREDELL COUNTY, NC

Compass Geomatics, PLLC Land Survey Division of:

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: Lot 13; Serene Lake
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Brandon Holloway
ADDRESS: 147 English Hills Dr. Mooresville, NC 28115
APPLICATION DATE
PROPOSED FACILITY: 4-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 480 GPD
DATE EVALUATED: 9/23/2015
LOCATION OF SITE: Lot 13; Serene Lake Subdivision; 113Jami-Wind Court
PROPERTY SIZE: 0.89 Acres
PROPERTY RECORDED: 3/26/2010
WATER SUPPLY: Ξ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: x Auger Boring X Pit ☐ Cut
TYPE OF WASTEWATER: Ξ Sewage ☐ Industrial Process ☐ Mixed

Approved MD 11/2/15

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	L 20-21%	0"-55"	R C SBK	SS SP FR SEXP		55"		None	.3+
AB 2	L 20-21%	0"-31"	R C SBK	SS SP FR SEXP		55"	Few to common saporlite inclusions 31"-55"	None	.3+
		31"-55"	R CL WSBK	SS SP FR SEXP					
AB 3	L 17-18%	0"-24"	R C SBK	SS SP FR SEXP		55"	Few to common saporlite inclusions 24"-55"	None	.3+
		24"-55"	R CL WSBK	SS SP FR SEXP					
AB 4	L 17-18%	0"-18"	RY C WSBK	SS SP FR SEXP		28"	Few to common saporlite inclusions 18"-28" PS	None	.3+
		18"-28"	RY CL WSBK	SS SP FR SEXP					
		28"-55"	V L Saporlite M	SS SP VFR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	801 Ft2	897 Ft2
System Type(s)	PPBPS	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Michael Athanas and Associates
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: Lot 13 Serene Lake; Jami-Wind Ct.
DATE OF EVALUATION: 9/23/2015
COUNTY: Iredell

Approved
11/2/15

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
AB 5	L 26-27%	0"-16"	RBr CL WSBK	SS SP FR SEXP		55"		None	.3+
		16"-55"	R C SBK	SS SP FR SEXP					
AB 6	L 20-21%	0"-15"	R C SBK	SS SP FR SEXP		20"	Few to common Saporlite inclusios 15"-20" PS	None	.3+
		15"-20"	R CL WSBK	SS SP FR SEXP					
		20"-55"	V SL Saporlite M	SS SP VFR SEXP					
Pit 1	L 17-18%	0"-42"	R C SBK	SS SP FR SEXP		54"	Few to common Saporlite inclusios 42"-54" PS	None	.3+
		42"-54"	R CL WSBK	SS SP FR SEXP					
		54"-70"	V L Saporlite M	SS SP VFR SEXP					
Pit 2	L 17-18%	0"-45"	R C SBK	SS SP FR SEXP		65"	Few to common Saporlite inclusios 45"-65"	None	.3+
		45"-65"	R CL WSBK	SS SP FR SEXP					
Pit 3	L 20-21%	0"-27"	R C SBK	SS SP FR SEXP		42"	Few to common Saporlite inclusios 27"-42" PS	None	.3+
		27"-42"	R CL WSBK	SS SP FR SEXP					
		42"-70"	V L Saporlite M	SS SP VFR SEXP					

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: Lot 13 Serene Lake; Jami-Wind Ct.
DATE OF EVALUATION:9/23/2015
COUNTY: Iredell

Approved MS 11/2/15

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
Pit 4	L 20-21%	0"-30"	R C SBK	SS SP FR SEXP		45"	Few to common Saporlite inclusios 45"-65" PS	None	.3+
		30"-45"	R CL WSBK	SS SP FR SEXP					
		45"-65"	V L Saporlite M	SS SP VFR SEXP					

Serene Lake Lot 13

DELLINGER PRECAST
800.948.1666

June 30, 2017

First Choice Service, Inc.

Job Name: 113 Jami Wind Court

Location: Mooresville, NC

This is to certify that the 1000 Gal. Septic Tank was manufactured on 5-8-17.

Please feel free to contact us with any additional questions you may have.

Sincerely,

Gabe Dellinger
Vice President
Dellinger Precast Inc.
704-483-2868

* Previously approved 4BR system by Soil Scientist – House size change *

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

RECEIVED SEP 23 2016

PAGE 1: APPLICATION FORM

Paid $320.00 #21426

Application For:

- [X] Septic Improvement Permit
- [X] New Well Permit
- [X] Authorization to Construct
- [ ] Well Repair Permit
- [ ] Existing System Inspection
- [ ] Well Abandonment
- [ ] 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:
Place an (X) beside whichever is submitted if applicable

- [ ] Survey Plat, scaled no more than 1 inch = 60 feet
- [ ] Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: Louis J. Sellman Address: 8909 Chagrin Dr #105 Cornelius NC 28031 Phone: 704-995-9718

Owner Name: Kim & Jesse Goodwin Address: 129 Hampshire Dr, Mooresville, NC 28115 Phone: 704-363-837

Property Information:

Street Address: 113 Jimi Wind Court, Mooresville, NC 28115

Subdivision Name: Serene Lake Section/Phase: _____ Lot Number: 13

Driving Directions: Hwy 115 S., Left on Faith Road, go 3/4 mi, Left on Jenny Marie Drive, First Right on Jimi Wind Ct, 2nd lot on left

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

- [X] New Single Family Residence
- [ ] New Multi-Family Residence
- [ ] Accessory Building
- [ ] Bedroom(s) Addition

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 6
- [ ] Swimming Pool
- [ ] Other Addition/Structure: N/A

- [ ] Crawl Space Foundation
- [ ] Concrete Slab Foundation
- [X] Basement with Plumbing
- [ ] Basement without Plumbing

Non-Residential Site Development:

Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

Water Supply:

- [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: _____

- [X] No Preference
- [ ] Alternative
- [ ] 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?
- [ ] 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.

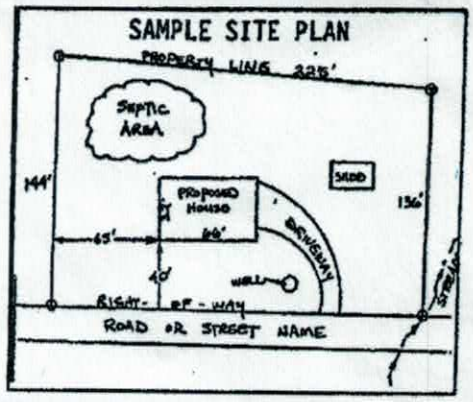
Signature: _____ 9/23/16
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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

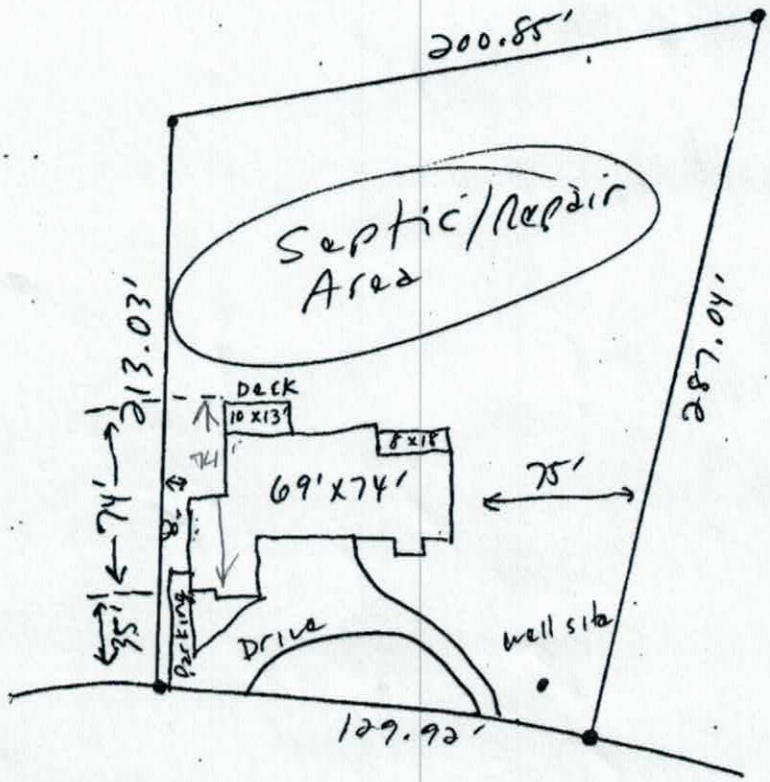


Circle N/A on the following if appropriate:

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



Jami Wind Court

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

10/11/16
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, Jesse A Goodwin, am the legal owner(s) of the property located at 113 Jami Wind Ct Mooresville, NC 28115, identified as PIN (Parcel Identification Number) 4655464610, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Lou Sellman, 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

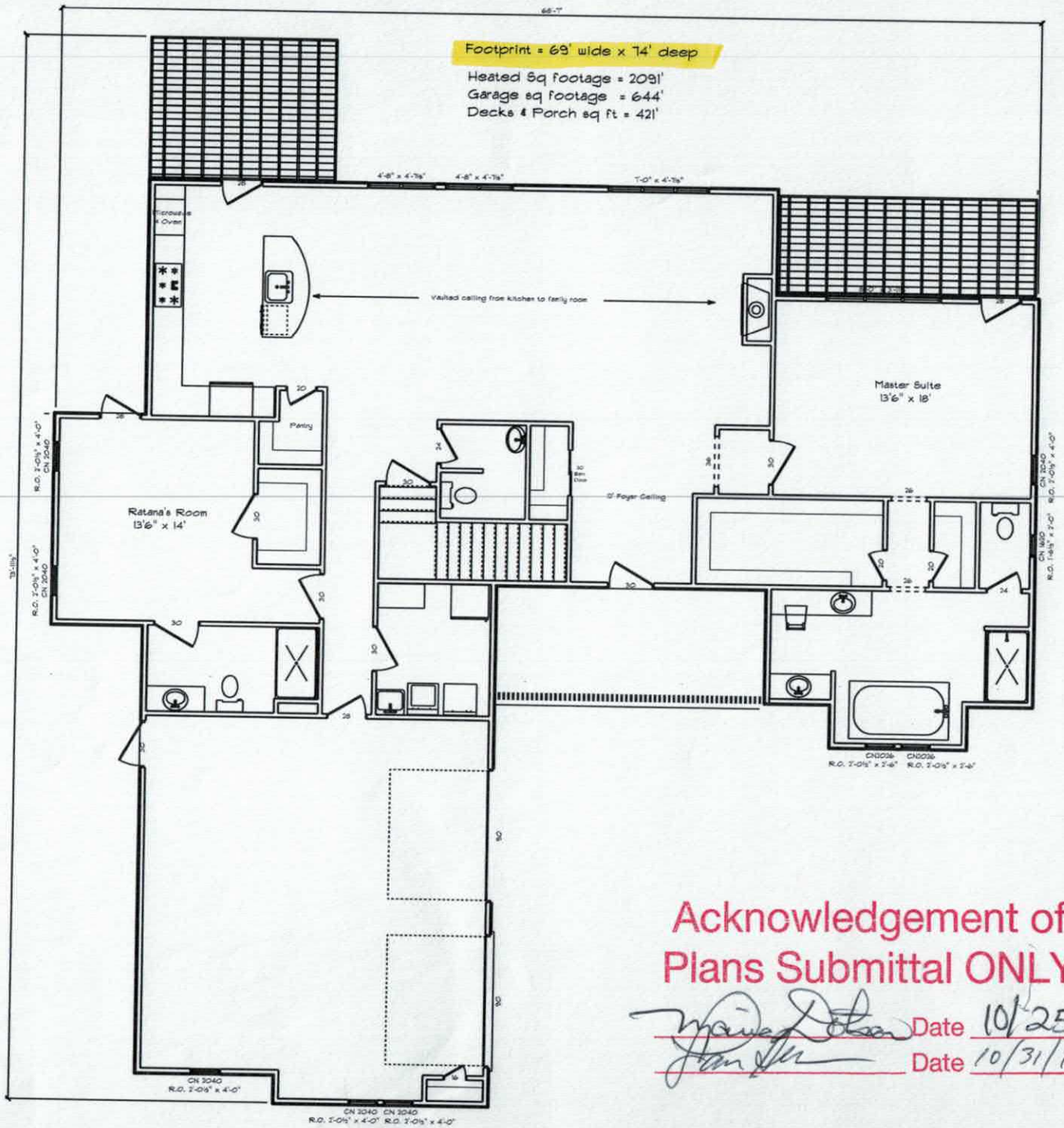
I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Signature of Owner(s)	Date	Signature of Witness	Date
	9-22-16		9-22-16

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

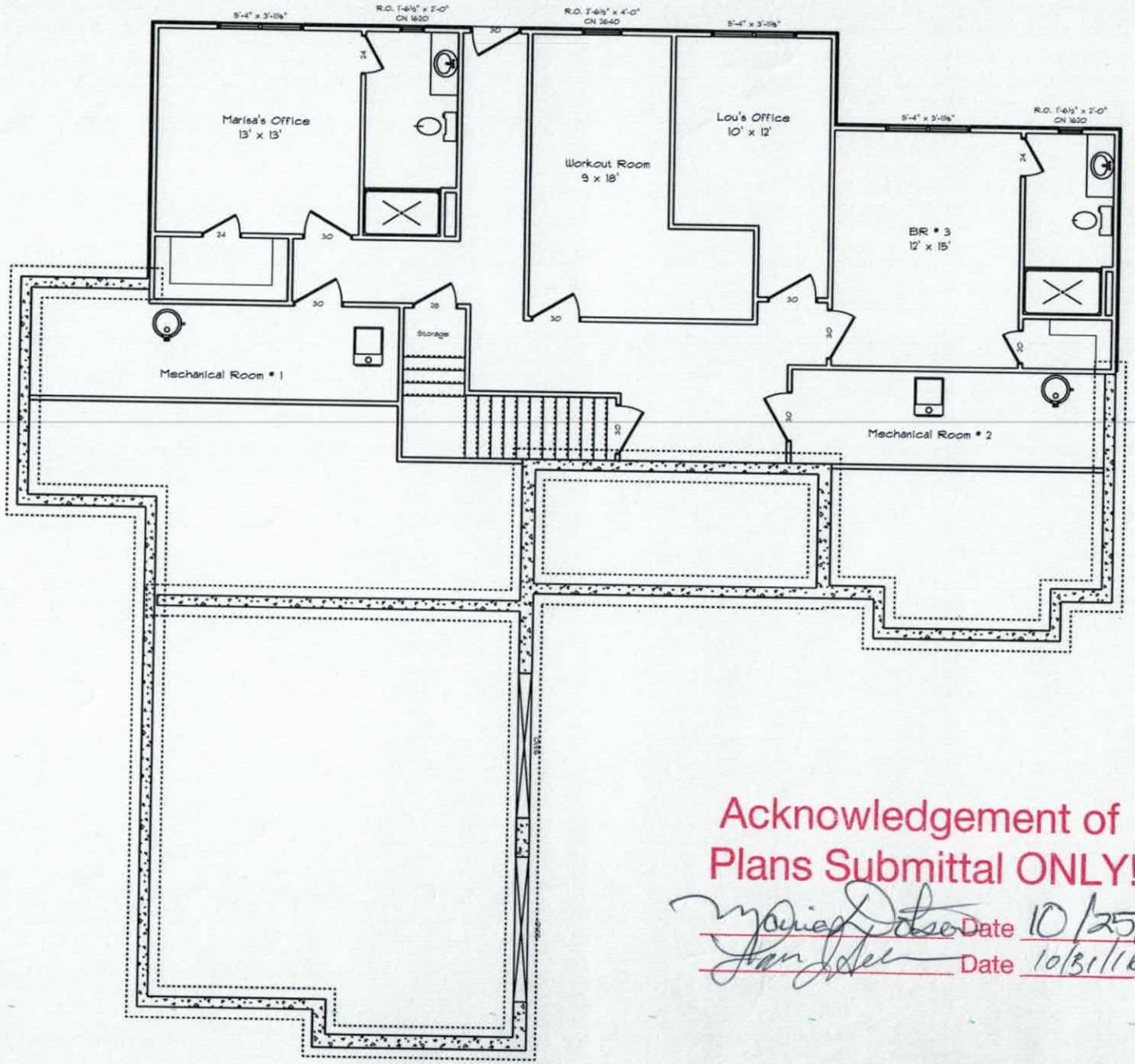


Acknowledgement of
Plans Submittal ONLY!

Date 10/25/16

Date 10/31/16

Basement Heated Sq footage = 1323'



Acknowledgement of
Plans Submittal ONLY!

Date 10/25/16

Date 10/31/16