IREDELL COUNTY HEALTH DEPARTMENT

KW

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 239504

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

PIN # 4676117194

APPLICANT/OWNER: Eric Chrah APPLICANT ADDRESS: 124 Hunters Creek Mooresville NC

SITE ADDRESS: 116 Burley Drive Mooresville 28115 PHONE: 704 963-4818 ALT. PHONE

SITE DIRECTIONS: Caddy Creek Road L on Burley Drive L on R SAP CONTROLLED: Repair YES NO Initial

SUBDIVISION: Burl Acres SECTION: — LOT # 2 LOT AREA: 1.64 Acres DESIGN FLOW: 480 gpd L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	B51	Date	10-8-19	☑ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI	☑ Residence	No. Bedrooms	4	Water Supply
Pump Tank	— (gal)	PT		Date		System Description: 25% Reduction	☐ Business	No. Persons	8	☒ Private
Pump Make	—	Model		Serial #		Repair System Description: 25% Reduction	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	5	Linear Ft	400'	Maintenance Agreement Required: ☐ YES ☑ NO	☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth (Low side)		36" Max	Gravel Depth —	☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install Drainlines on Center of land and use serial distribution. Don't drive, park, pave or buy utilities in septic area

INITIAL SITE SKETCH

See attached

Site Plan

AS BUILT SKETCH

INSTALLED AS PERMITTED

SHOP TO BE RESTAKED AND SET BACK VERIFIED AS OF 1-22-2020 BCW

SET BACK CHECKED 1-23-2020 BCW

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: Eric Chrah Date: 10-31-18 Installed by: BLACKBURN

IMPROVEMENT PERMIT by: Jerry Boggs Date: 10-30-18 OPERATION PERMIT by: Brandt C. White Date: 1-23-20

AUTHORIZATION TO CONSTRUCT by: Jerry Boggs Date: 12-17-18 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE COUNTY OF IREDELL AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT AND ESTABLISH MINIMUM BUILDING SETBACKS AS NOTED.
I FURTHER CERTIFY THAT:

A. THERE ARE NO DEED RESTRICTIONS WHICH WILL BE VIOLATED BY THE REQUESTED SUBDIVISION; AND

B. THERE ARE NO GOVERNMENTAL REGULATIONS OF ANY KIND, OTHER THAN THOSE FOR WHICH A VARIANCE HAS BEEN APPLIED FOR UNDER THE IREDELL COUNTY SUBDIVISION ORDINANCE REGULATIONS, WHICH WILL BE VIOLATED BY THE REQUESTED SUBDIVISION; AND

C. I UNDERSTAND THAT ENFORCEMENT OF DEED RESTRICTIONS AND ANY OTHER CONTRACTUAL AGREEMENTS IS NOT THE RESPONSIBILITY OF IREDELL COUNTY, WILL NOT BE UNDERTAKEN BY IREDELL COUNTY, AND IS THE SOLE RESPONSIBILITY OF THE PARTIES AFFECTED BY VIOLATIONS OF SUCH DEED RESTRICTIONS AND CONTRACTUAL AGREEMENTS.

10-5-2018 DATE — Mitchell Kennedy OWNER

10.5.2018 DATE — Lynda D Kennedy OWNER

I HEREBY CERTIFY THAT THIS SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION REGULATIONS OF THE COUNTY OF IREDELL, NORTH CAROLINA AND THAT THIS PLAT HAS BEEN APPROVED BY THE SUBDIVISION ADMINISTRATOR FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS OF IREDELL COUNTY.

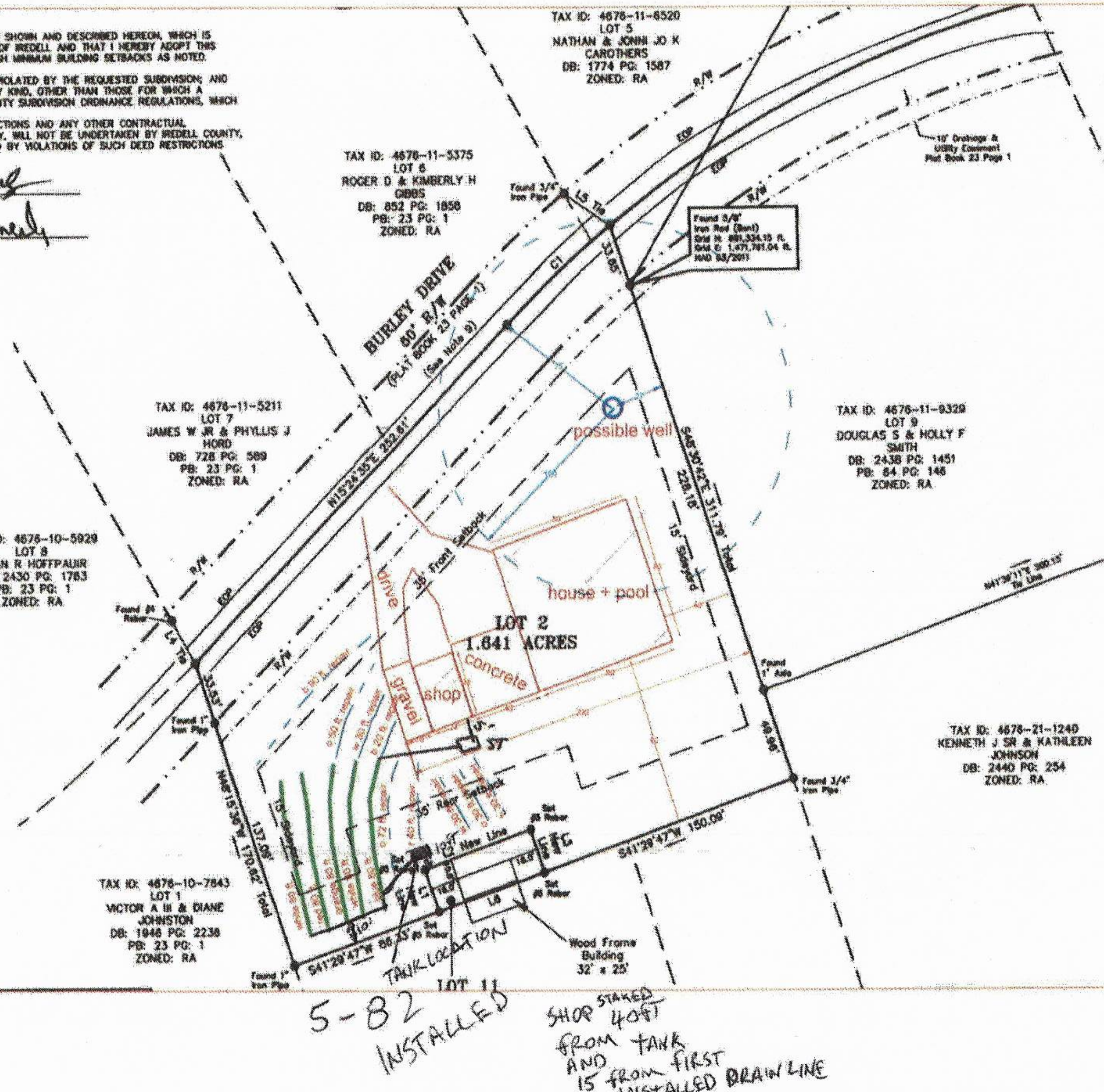
William M. Allen — 10-8-18
SUBDIVISION ADMINISTRATOR — DATE
IREDELL COUNTY, NORTH CAROLINA

THE TRACTS WITHIN BURL ACRES, LOT 2 AND LOT 11, TO THE BEST OF MY KNOWLEDGE, DO NOT LIE WITHIN A WATERSHED DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT, AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.

10-8-18 DATE — William M. Allen SUBDIVISION ADMINISTRATOR

STATE OF NORTH CAROLINA, IREDELL COUNTY
I, William M. Allen, REVIEW OFFICER OF IREDELL COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

10-8-18 DATE — William M. Allen REVIEW OFFICER



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

Sheet 1 of 1
PROPERTY ID #: 467611794
COUNTY: Iredell

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

OWNER: Eric Church
APPLICATION DATE 10-2-18
ADDRESS: 124 Hunters Creek Dr Mooresville
DATE EVALUATED: 10-24-18
PROPOSED FACILITY: House
PROPOSED DESIGN FLOW (.1949): _____
PROPERTY SIZE: 1.64 Acres
LOCATION OF SITE: 116 Burley Dr
PROPERTY RECORDED: Yes
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	4-5% SS	0-4	SBk SCL	Fr SS SP Serp	PS	52"	PS	PS	PS .3
		4-24	SBk C	Fr SS SP Serp					
		24-52	SBk CL	Fr SS SP Serp					
		52-60	SAP						
2	4-5% SS	0-5	SCL	Fr SS SP Serp	PS	60"	Sap Inc	PS	PS .3
		5-26	C	Fr SS SP Serp					
		26-60	CL	Fr SS SP Serp					
3	4-5% SS SS	0-5	SBk SCL	Fr SS SP Serp	PS	55"	Sap Inc	PS	PS .3
		5-27	ABk C	Fr SS SP Serp					
		27-55	SBk CL	Fr SS SP Serp					
		55-60	SAP						
4	4-5% SS	0-9	SBk SCL	Fr SS SP Serp	PS	34"	PS	PS	PS .3
		9-34	SBk CL	Fr SS SP Serp					
		34-60	SAP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	400
System Type(s)	25% Reduction	25% Reduction
Site LTAR	.3	.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: James Boggs
OTHER(S) PRESENT: _____

COMMENTS: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	**MOIST** VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	**WET** NS (Non-sticky) SS (Slightly Sticky) S (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.

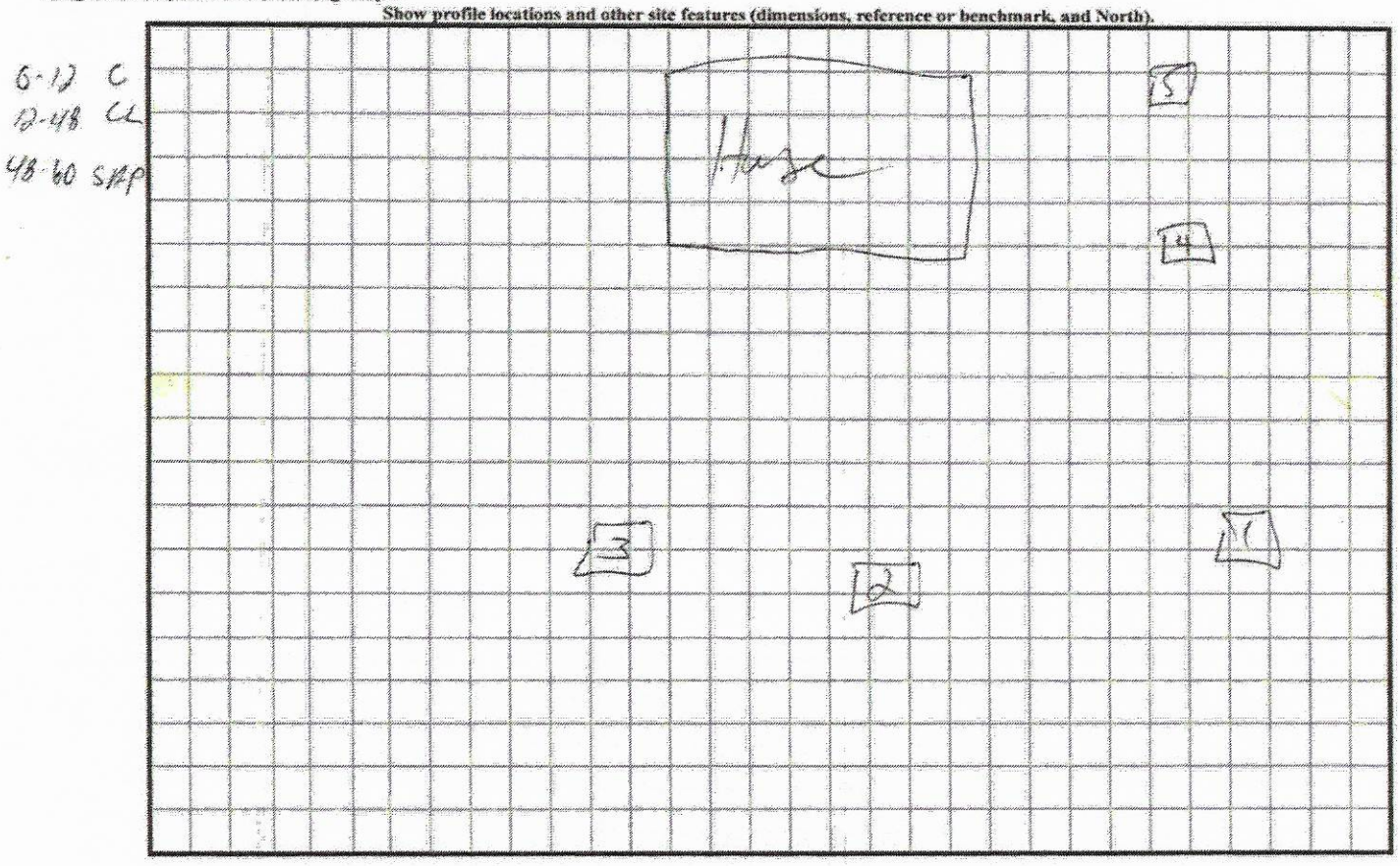
NOTES

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/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



Call Dave Pennington For Site Visit

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM 704-996-6330

Application For:
(X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) 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 (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Eric Church Address: 124 Hunters Creek Drive, Mooresville Zip: 28115
Applicant Email: echurch@rsmatco.com Phone: 704-965-4818 Alt. Phone:
Owner Name: KENNERLY, MITCHELL Address: 204 Williford, Mooresville Zip: 28115
Owner Email: use Applicant's email Phone: Alt. Phone:
please

Property Information:

Street Address: 116 Burley Drive
Subdivision Name: Burl Acres Section/Phase: Lot Number: 2
Driving Directions: Coddle Creek Road, TL Burley Drive, Lot on Rt.

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

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
(X) Swimming Pool
(X) Other Addition/Structure: Shop
Non-Residential Site Development: Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

CHECK FOUNDATION TYPE
(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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 ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: ~~Tank Panel~~

Please answer the following to the best of your ability:
( ) Yes (X) No Does the site contain any jurisdictional wetlands? Unsure
( ) 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: [signature] 10-2-18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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10-5-2018 DATE — Mitchell Kennedy OWNER

10-5-2018 DATE — Brooke D Kennedy OWNER

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10-8-18 DATE

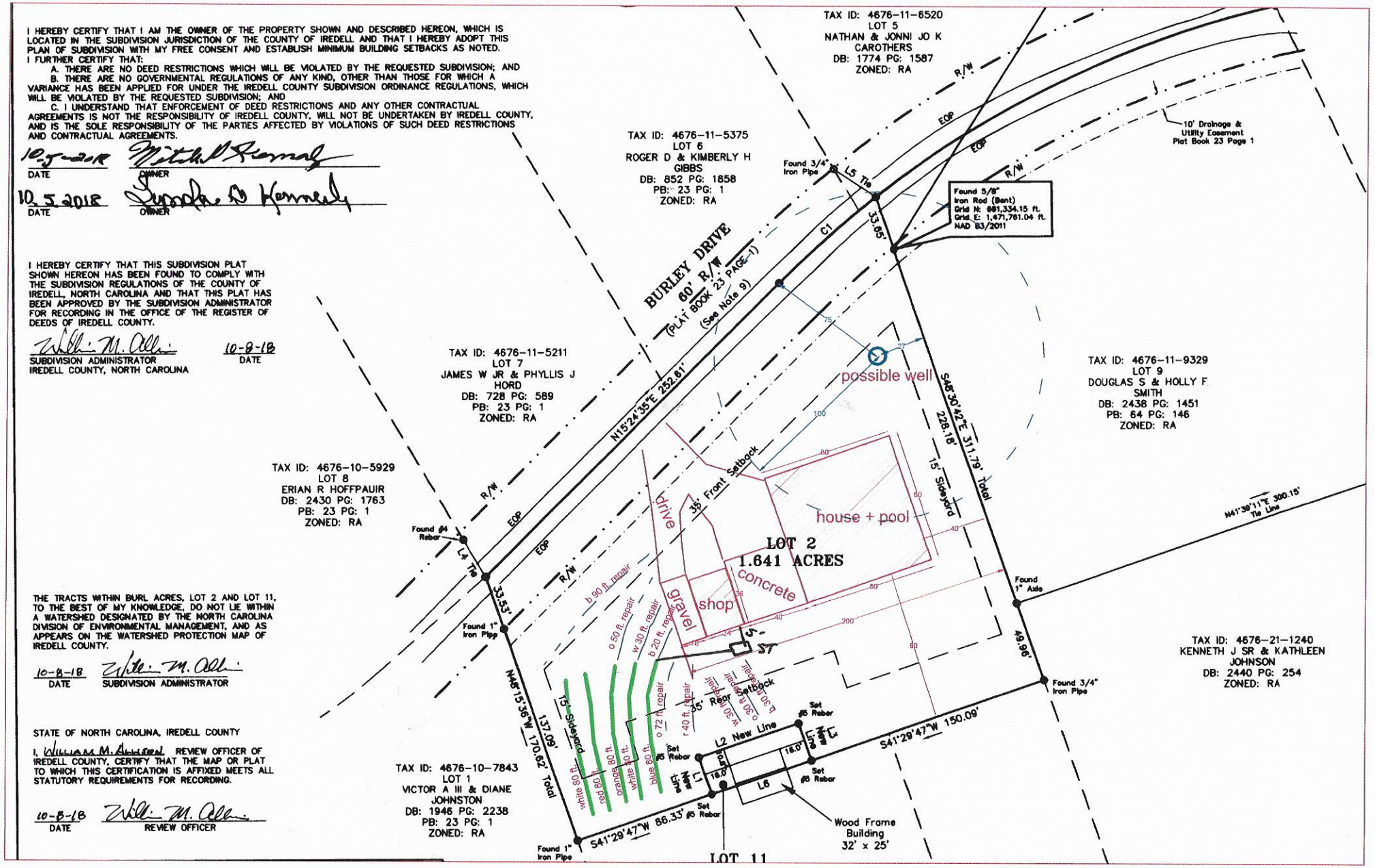
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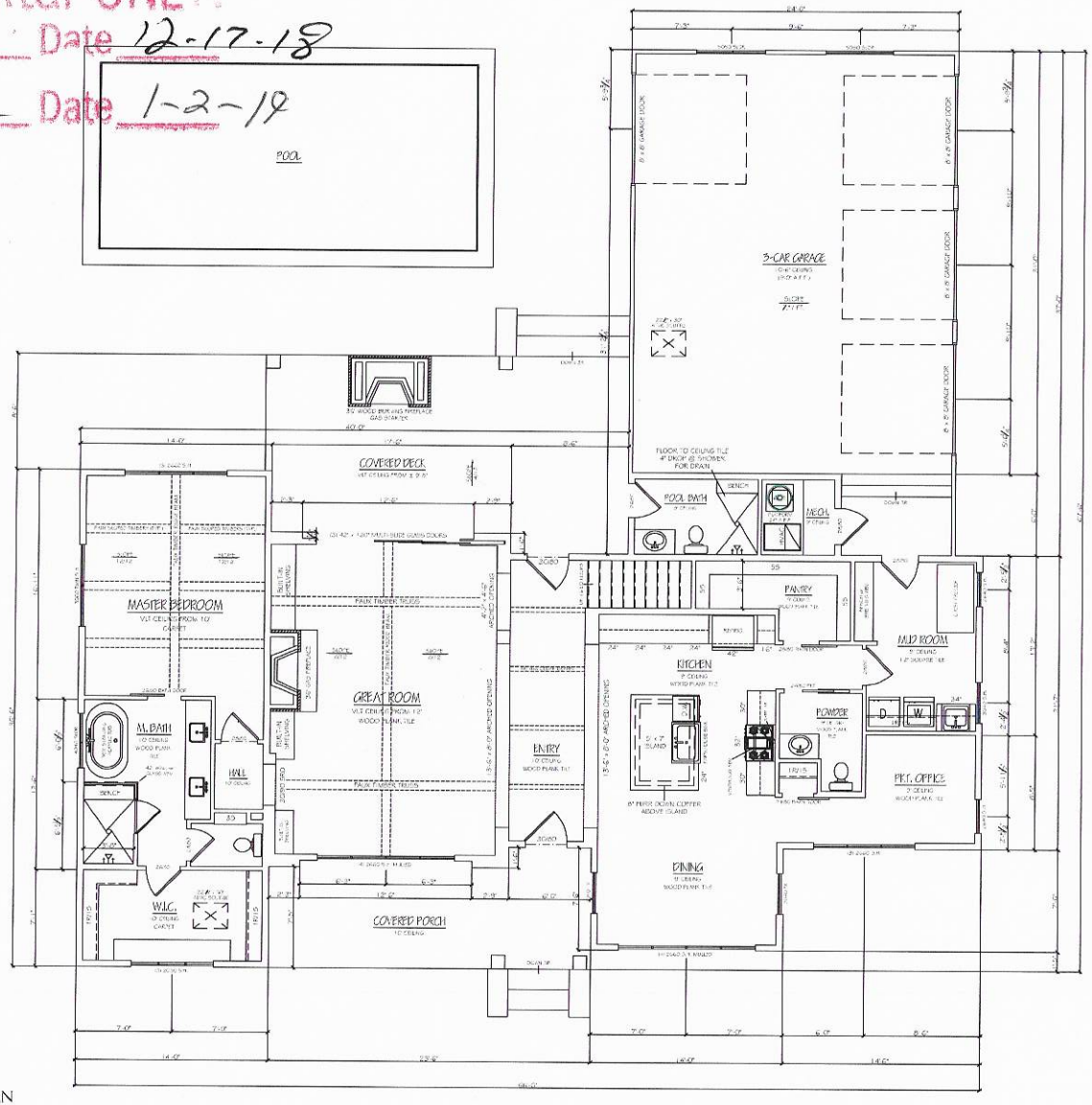
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10-8-18 DATE — William M. Allen REVIEW OFFICER



Acknowledgement Of
Plans Submittal ONLY!
Date 12-17-18
Date 1-2-19



PRELIMINARY 1ST FLOOR PLAN
SCALE: 1/4" = 1'-0" (24"x36" SHEET)

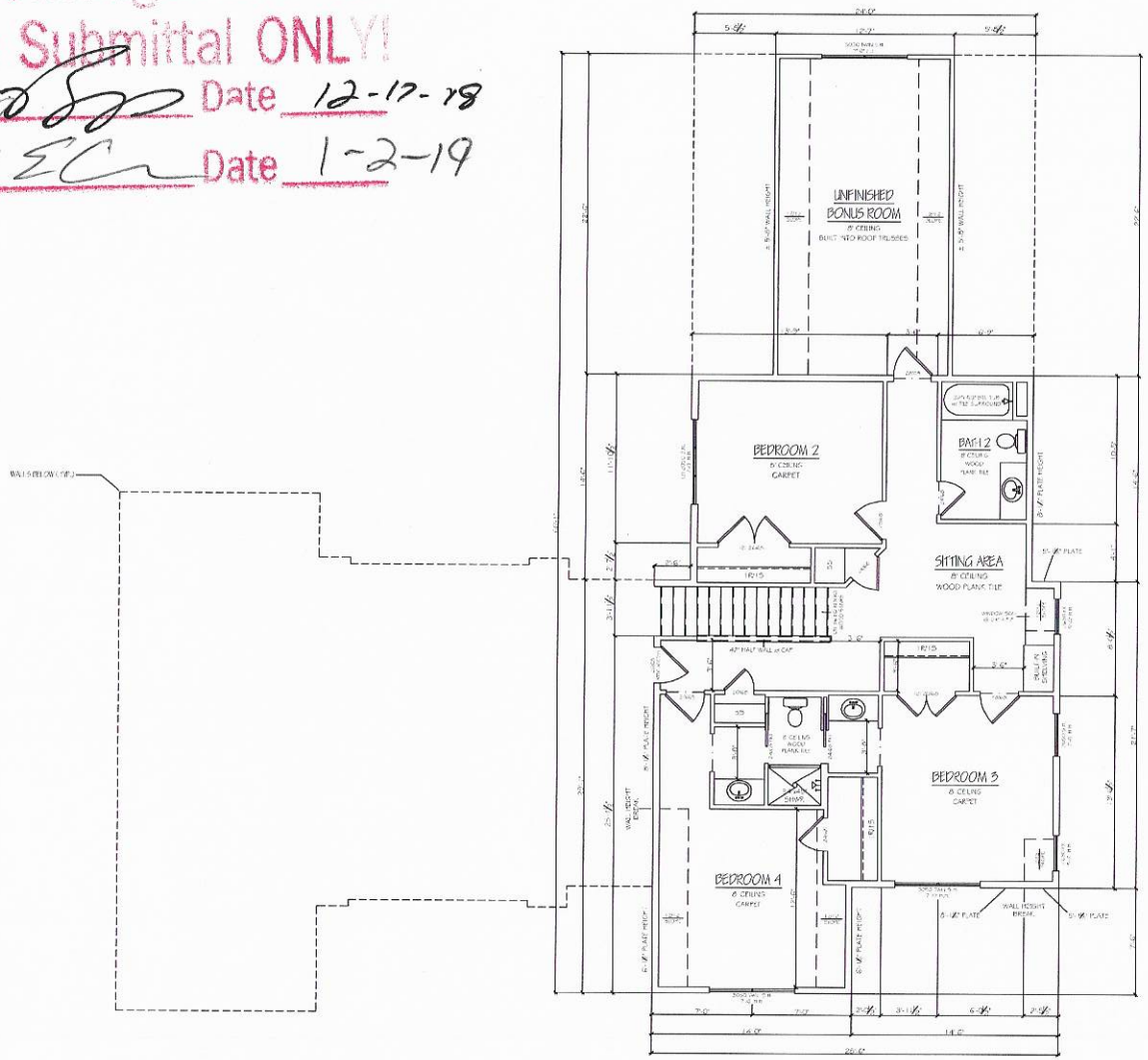
CHURCH RESIDENCE
IREDELL COUNTY, NORTH CAROLINA

DRAWN BY
M. CHASE HAMMER
DATE
NOVEMBER 20TH, 2018
SCALE
1/4" = 1'
REVISIONS

HAMMER HOME DESIGN

SHEET
A101

Acknowledgement Of
Plans Submittal ONLY!
Date 12-17-18
Date 1-2-19



PRELIMINARY 2ND FLOOR PLAN
SCALE: 1/4" = 1'-0" 24"x36" SHEET

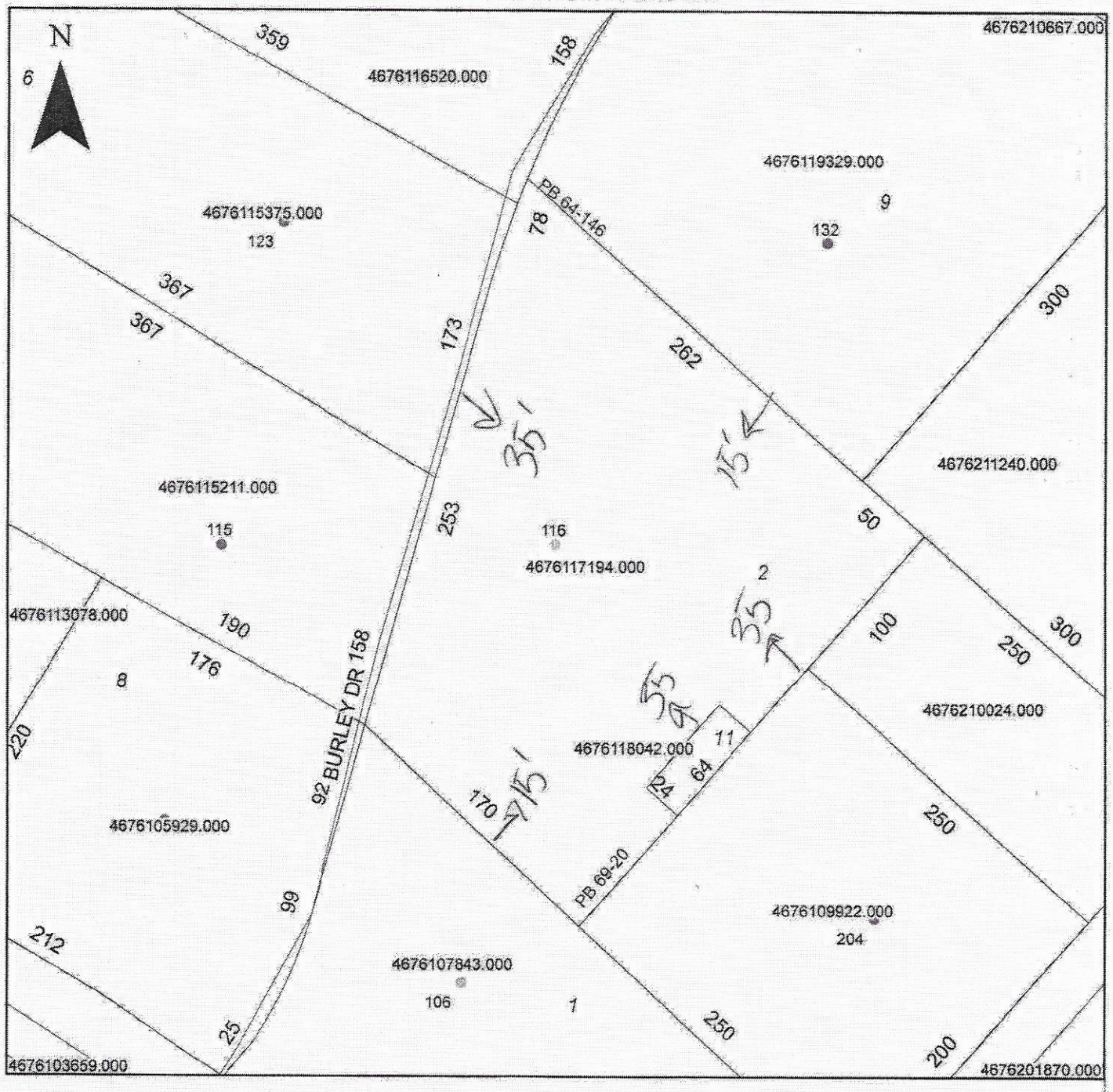
CHURCH RESIDENCE
REDELL COUNTY, NORTH CAROLINA

DRAWN BY
M. CHASE HAMMER
DATE
NOVEMBER 20TH, 2018
SCALE
1/4" = 1'
REVISIONS

HAMMER HOME DESIGN

SHEET
A102

ZONING DISCLAIMER



Property Address 1116 Burley 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.

Applicant

10-17-18

Date