IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 (BB) Mooresville Office (704) 660-3625 PERMIT # 234017

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

PIN # 4627771590

APPLICANT/OWNER: Cheryl Chase APPLICANT ADDRESS: 301 Brigadier Dr 29710

SITE ADDRESS: 120 Newark Ln Mooresville NC 28117 PHONE: 937-422-4742 ALT. PHONE N/A

SITE DIRECTIONS: South side of 150 T/C Paradise Peninsula to Greenbay T/O Newark SAP CONTROLLED: ☐ YES ☐ NO

SUBDIVISION: CL+T SECTION: 510 LOT # 156 LOT AREA: 0.65ac DESIGN FLOW: 360 L.T.A.R.: Ex

Septic Tank Ex (gal) STB Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields Ex # Lines Ex Linear Ft: Ex

Trench Width Ex Trench Bottom Depth(Low side) Ex Gravel Depth

☐ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: Existing

Repair System Description:

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☐ Slab ☐ Crawl Space

☐ Basement w/plumbing ☒ Basement w/o plumbing

Water Supply

☒ Private

☐ Public

☐ Community

Comments / Conditions: All building foundations must be 315' from side slope of septic system and 25' from any well

INITIAL SITE SKETCH

See attached plan.

AS BUILT SKETCH

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**

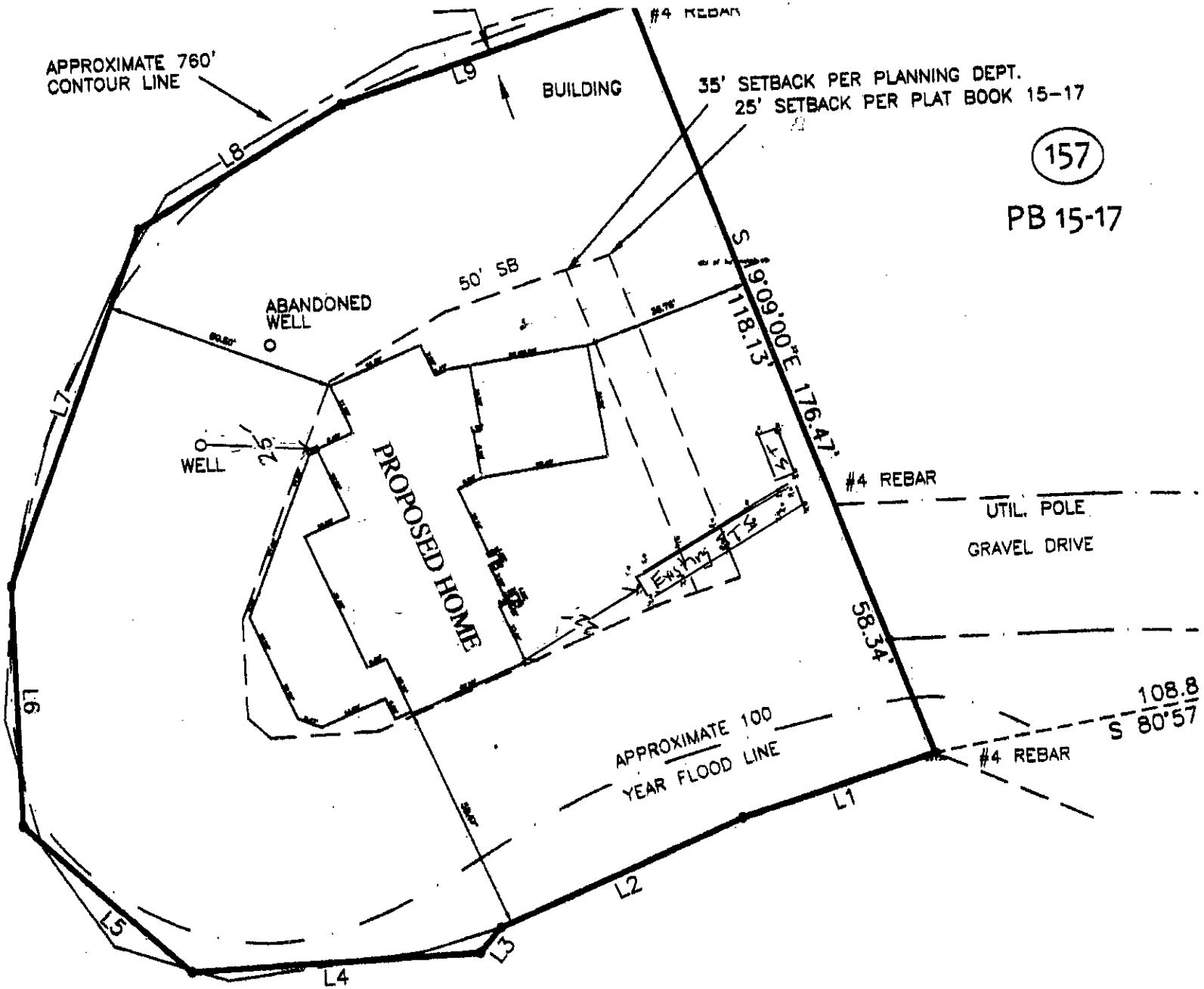
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☐ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Cheryl Chase Date: 6.19.18 Installed by:

IMPROVEMENT PERMIT by: Date: OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: Existing System Inspected by: Date: 06/14/18

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.



LAKE NORMAN
ANY DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT.

LAKE NORMAN
ANY DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT.

RECEIVED MAY 23 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM Paid $250.00

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) Authorization to Construct (X) 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 #234017

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: CHERYL CHASE Address: 301 BRIGADIER DRIVE Zip: 29710

Applicant Email: CSBCHASE@AOL.COM Phone: 937-422-4742 Alt. Phone: _____

Owner Name: AS ABOVE Address: _____ Zip: _____

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

Property Information:

Street Address: 120 NEWARK LANE, MOORESVILLE NC

Subdivision Name: CRESCENT LAND & TIMBER Section/Phase: 10 Lot Number: 156

Driving Directions: SOUTH SIDE OF 150, TAKE PARADISE PENINSULA RD. TO GREENBAY, LEFT TO NEWARK LANE, RIGHT TO END.

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: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 1
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
( ) Crawl Space Foundation
(X) Concrete Slab Foundation
( ) Basement with Plumbing
(X) Basement without Plumbing - GRINDER PUMP FOR SINGLE BATHROOM

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: _____

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.

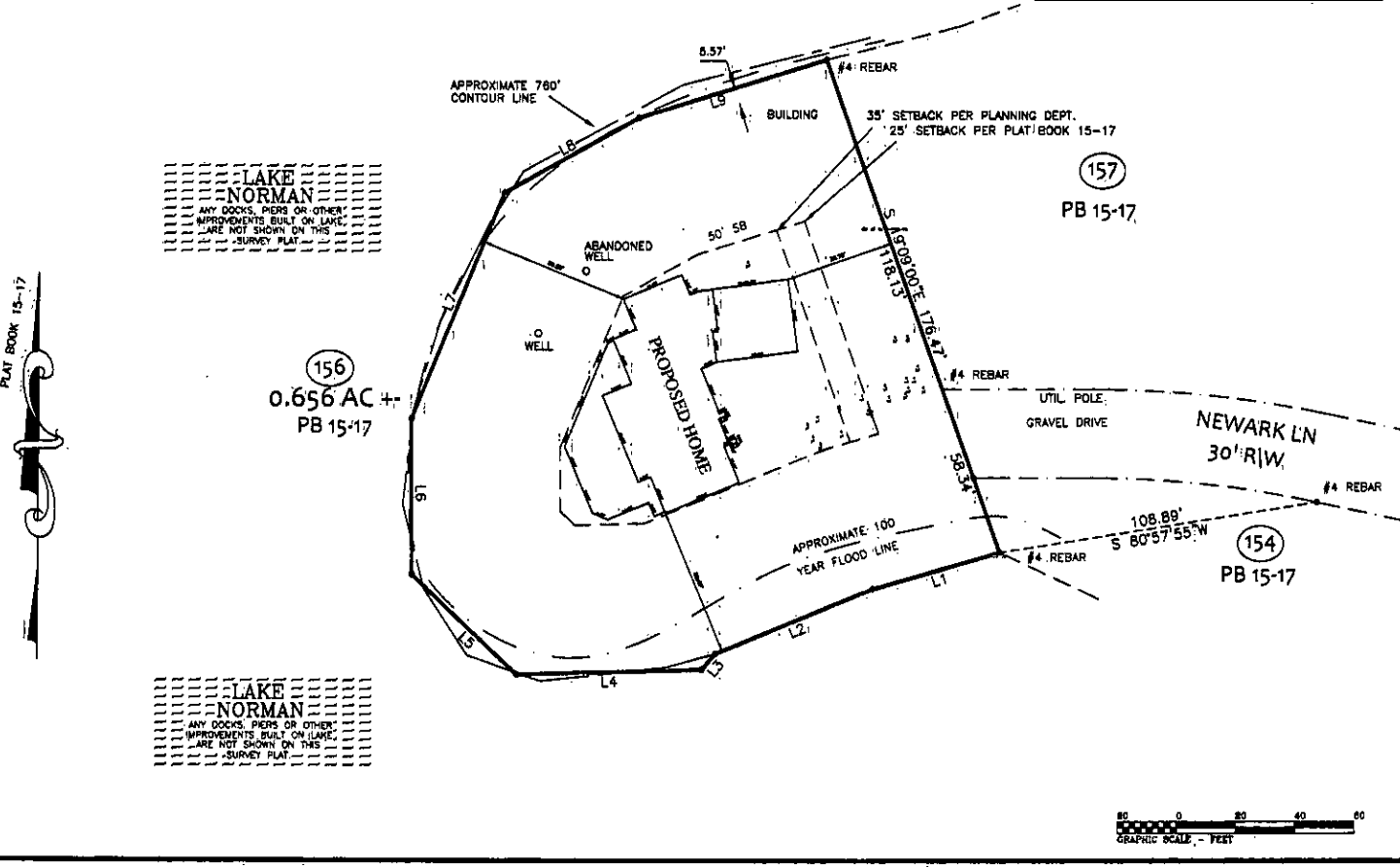
Signature: Cheryl Chase 3-9-18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Cheryl Chase 6.13.18

NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- BEFORE CONSTRUCTION OR DESIGN, ALL SETBACK REQUIREMENTS SHOULD BE VERIFIED WITH THE TOWN OR COUNTY PLANNING DEPARTMENT.
- NO PORTION OF THE RESIDENTIAL STRUCTURE IS LOCATED IN THE 100 YEAR FLOOD PLAIN.
- A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN.

Course	Bearing	Distance
L1	S 73°40'33" W	44.14'
L2	S 67°34'00" W	57.67'
L3	S 40°42'00" W	7.07'
L4	S 88°27'00" W	62.24'
L5	N 46°18'00" W	48.88'
L6	N 00°17'00" W	52.67'
L7	N 22°13'00" E	82.86'
L8	N 60°39'00" E	51.73'
L9	N 72°52'04" E	66.75'



PHYSICAL SURVEY
FOR

CHERYL CHASE

120 NEWARK LANE - MOORESVILLE, NC
LOT #158 - CRESCENT LAND & TIMBER, SECTION 10

DAVIDSON TOWNSHIP, IREDELL COUNTY, NC

SCALE: 1" = 20'

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170
WWW.DEDMONSURVEYS.COM

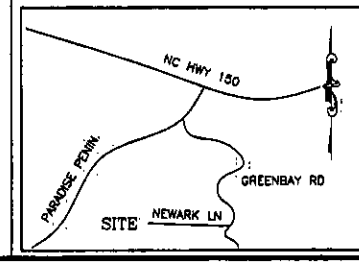
NORTH CAROLINA PROFESSIONAL SEAL L-3899 LAND SURVEYOR ROBERT J. DEDMON

I, ROBERT J. DEDMON, CERTIFY THAT THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DB 1876, PG 810)(PB 15, PG 17); THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000'; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH GS 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, OCTOBER 22, 2015. UPDATED ON JANUARY 30, 2018 TO ADD TOPO.

3899
PROFESSIONAL LAND SURVEYOR — LICENSE NO.

SURV. BY: WT	DRAWN: RD	JOB# X15CL156

VICINITY MAP

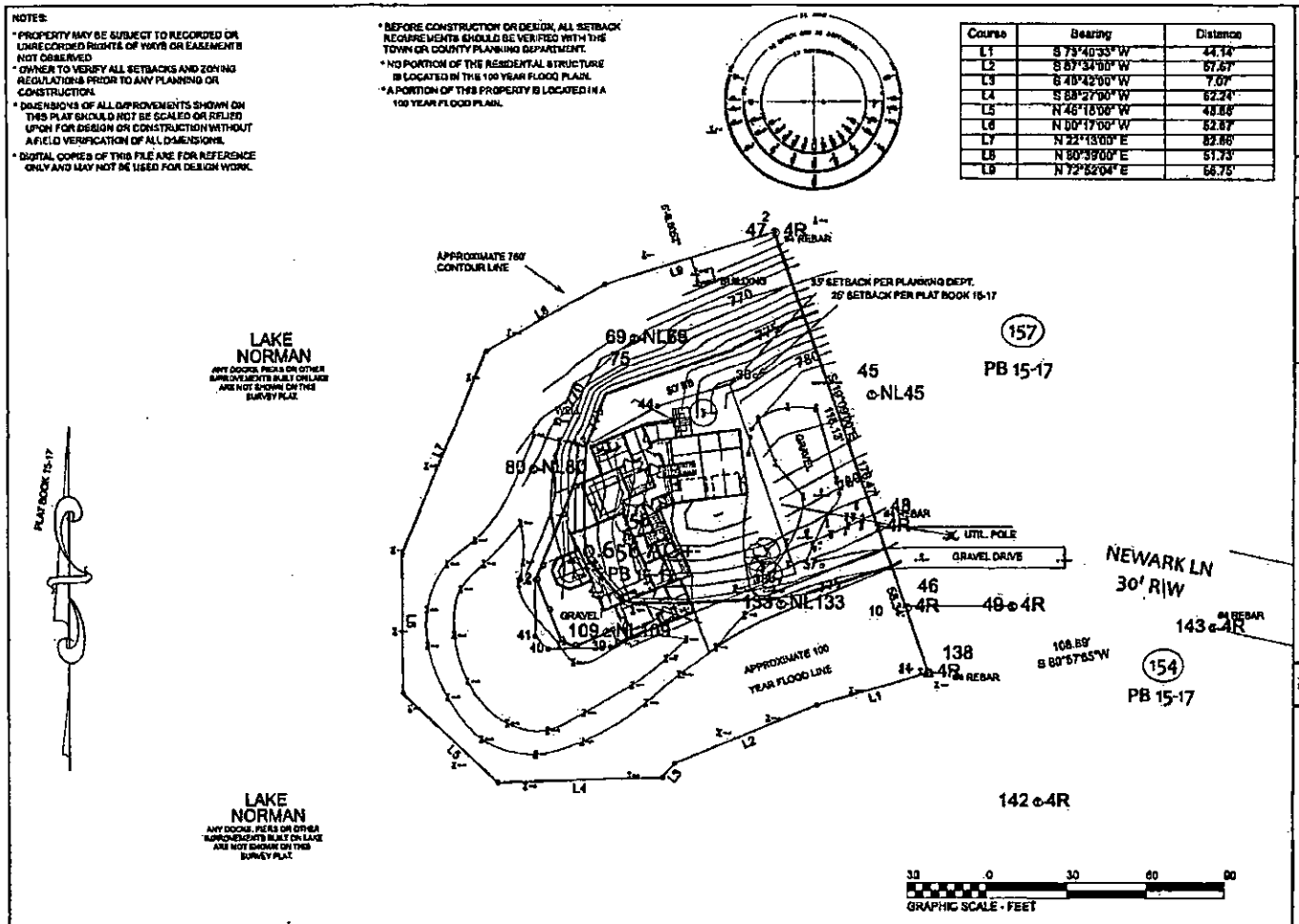


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Course	Bearing	Distance
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L5	N 46°18'06" W	48.86'
L6	N 00°17'00" W	52.87'
L7	N 22°13'00" E	82.86'
L8	N 80°39'00" E	51.73'
L9	N 72°52'04" E	58.75'



PHYSICAL SURVEY
FOR

CHERYL CHASE

120 NEWARK LANE • MOORESVILLE, NC
LOT #158 - CRESCENT LAND & TIMBER, SECTION 19

DAVIDSON TOWNSHIP, IREDELL COUNTY, NC

SCALE: 1" = 30' SOLAR CHART

DEDMON SURVEYS
CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170
WWW.DEDMONSURVEYS.COM

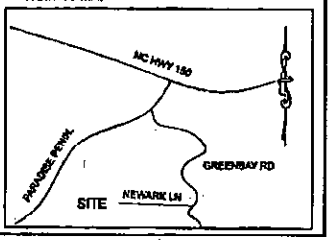
NORTH CAROLINA PROFESSIONAL SEAL L-3899 LAND SURVEYOR ROBERT A. DEDMON

I ROBERT A. DEDMON, CERTIFY THAT THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DB 1878, PG 810)(PB 15, PG 37); THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000'; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 12TH DAY OF FEBRUARY, A.D. 2018.

SIGNATURE
PROFESSIONAL LAND SURVEYOR (L-3899 NO.)

SURV BY: WT	DRAWN: RD	JOB# X18CL156

VICINITY MAP



PIPPIN HOME DESIGNS LLC

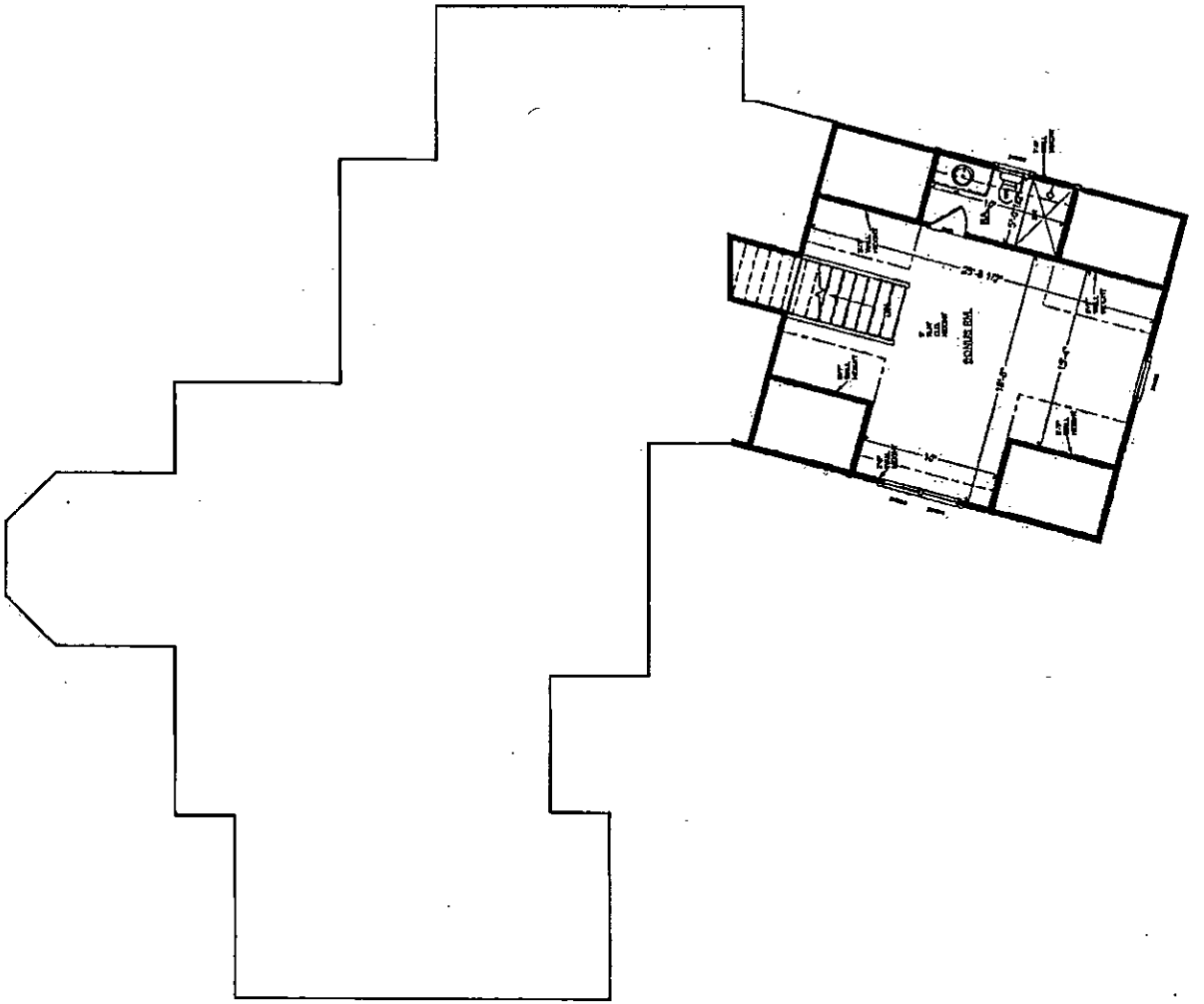
FELLOW MEMBER AIBD AMERICAN INSTITUTE OF BUILDING DESIGN

A NEW HOME DESIGN CONCEPT FOR:
CHERYL CHASE
120 NEWARK LANE
MOORESVILLE, NC, IREDELL COUNTY

Creating what people live

DATE:
2/11/18
SCALE:
1" =20'
SHEET:
SP-1

SITE PLAN 1



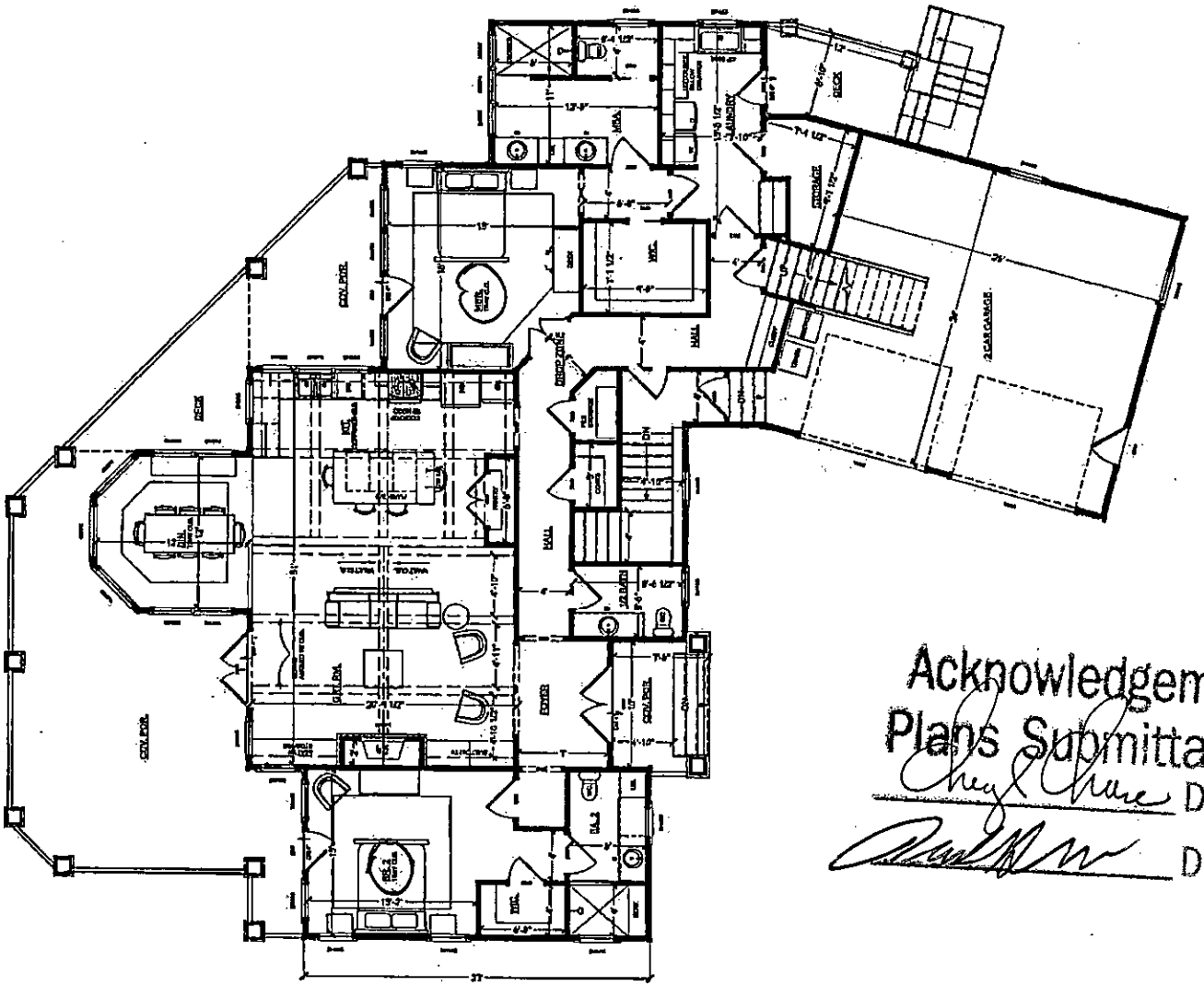
SECOND FLOOR BONUS RM.

PIPPIN
HOME DESIGNS
INC.

FELLOW MEMBER
AIBD
AMERICAN INSTITUTE OF BUILDING DESIGN

A NEW HOME DESIGN CONCEPT FOR:
CHERYL CHASE
120 NEWARK LANE
MOORESVILLE, NC, IREDELL COUNTY

DATE:
2/11/18
SCALE:
1/4"=1'0"
SHEET:
A-3



Acknowledgement Of
Plans Submittal ONLY!
Cheryl Chase Date 6-19-18
Date 06/14/16

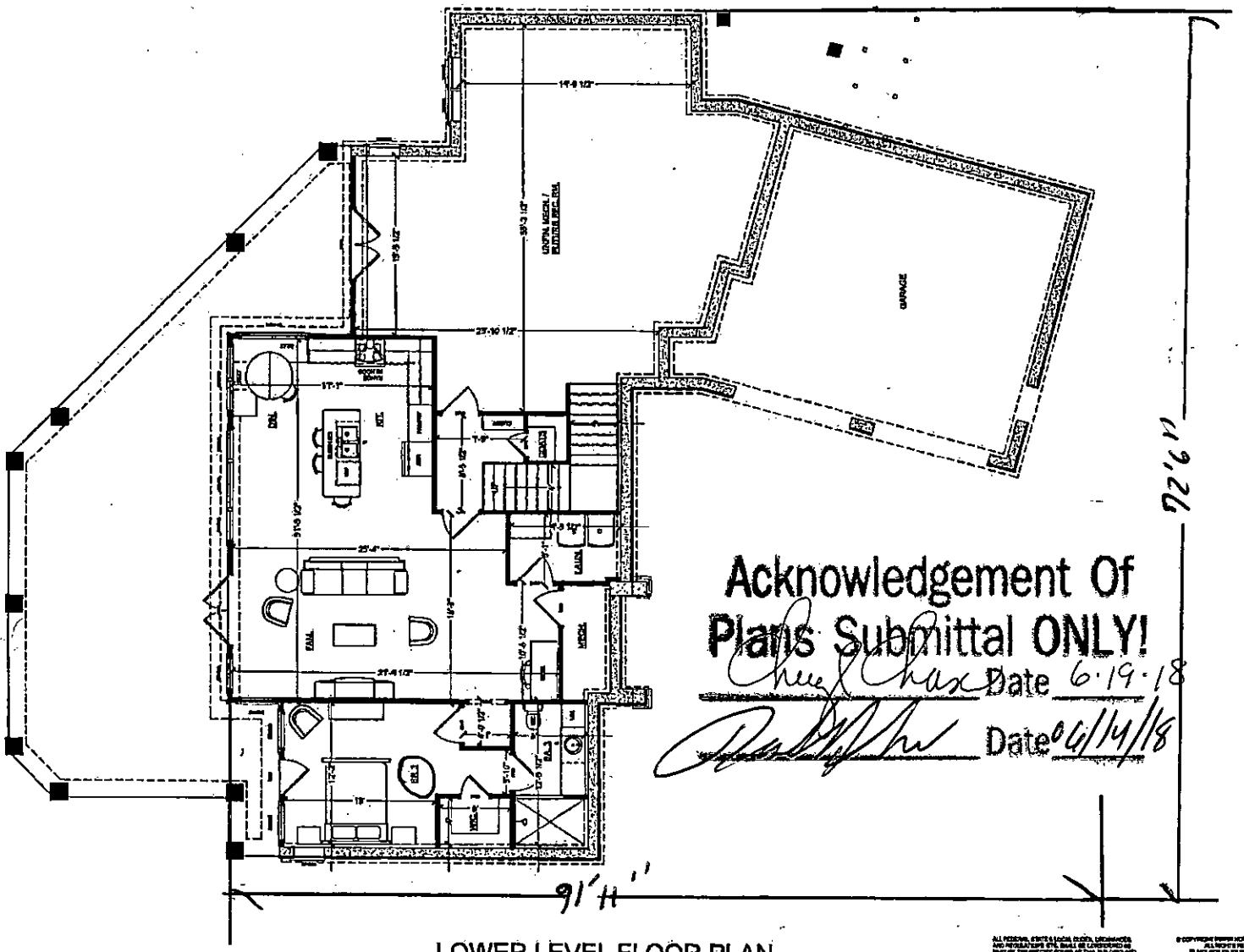
FIRST FLOOR PLAN

PIPPIN
HOME DESIGNS
INC.

FELLOW MEMBER
A.I.B.D.
AMERICAN INSTITUTE OF BUILDING DESIGN

A NEW HOME DESIGN CONCEPT FOR:
CHERYL CHASE
120 NEWARK LANE
MOORESVILLE, NC, IREDELL COUNTY

DATE: 2/11/18
SCALE: 1/4" = 1'0"
SHEET: A-2



Acknowledgement Of
Plans Submittal ONLY!
Date 6.19.18
Date 6/14/18

LOWER LEVEL FLOOR PLAN

PIPPIN
HOME DESIGNS
INC.

FELLOW MEMBER
A I B.D.
AMERICAN INSTITUTE OF BUILDING DESIGN

A NEW HOME DESIGN CONCEPT FOR:
CHERYL CHASE
120 NEWARK LANE
MOORESVILLE, NC, IREDELL COUNTY

Creating wherewithal for life

DATE:
2/11/18
SCALE:
1/4" = 1'0"
SHEET:
A-1

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, CHERYL CHASE, am the legal owner(s) of the property located at 120 NEWARK LANE, MOORESVILLE NC, 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.

Signature of Owner(s)	Date	Signature of Witness	Date
Cheryl Chase	3.9.18		

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

IREDELL COUNTY

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

APPLICATION NUMBER
234017
Issue Date: 03/09/2018

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4627771506.000	120 NEWARK LANE, MOORESVILLE, NC	IREDELL COUNTY

Owner Information		Applicant Information	
Owner:	CHASE, CHERYL	Applicant:	CHASE, CHERYL
Address:	301 BRIGADIER DR. CLOVER, SC 29710	Address:	301 BRIGADIER CLOVER, SC 29710
Phone:	937-422-4742	Phone:	

Use Requested	Zone Code
SFD	RR

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.650	35.00	50.00	50.00	50.00	CACL	AE

Remarks:

: Shall comply with the shoreline management guidelines of the Lake Management Division of Duke Energy Company.

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.

Applicant: _____ Date: _____

Permit Number	131454	TOTAL FEES:	$ 77.25

Public Health
HEALTH AND HUMAN SERVICES

RICHARD O. BRAJER
Secretary

DANIEL STALEY
Director, Division of Public Health

Onsite Water Protection Branch
August 19, 2016

Cheryl Chase
301 Brigadier Drive
Clover, SC 29710

Re: Approval No. JMB884

Private Well Located Less than 25' to a Building Perimeter 50' to Surface Water Body [Rule 15A NCAC 2C .0107(a)(2)(M)(N)]

Property location:
120 Newark Lane
Mooresville, NC 28117

Dear Ms. Chase;

On August 18, 2016 the On-site Water Protection Branch received your request for a variance from the Well Construction standards, Title 15A North Carolina Administrative Code Subchapter 2C .0100. The request for a variance concerns a proposed water supply well on the referenced property that will serve a single, family dwelling. The home is on a lot with very difficult topography and is presently served by a well that will be abandoned.

Specifically, the variance request grants you permission to construct a water supply well at a distance closer than the twenty five foot setback to a building perimeter and the fifty foot setback to a surface water body. Achieving twenty five and fifty foot setbacks would be difficult given the challenges of the property.

Based upon information provided by the Iredell County Health Department, and the property owner, it is my finding that based upon current conditions as the site exist today (as well as the current proposal for use of the structure) you meet the conditions necessary for approval of a variance as specified by 15A NCAC .0118 (a) (1) and (2). On that

basis and if the following conditions are met, the requested variance is approved:

1) The new water supply well shall be constructed of either steel or galvanized metal casing.

2) The well shall be located as far as possible from the building perimeter, depending upon where the well rig can actually set up, will possibly encroach upon the 25foot setback, but no closer than 10feet.

3) The well shall be located as far as possible from the high water mark of the lake where, depending upon where the well rig can actually set up, will possibly encroach upon the 50foot setback, but no closer than 25feet.

4) The well will be required to have casing installed to a minimum of 50 feet below land surface and 10 feet into bedrock. If bedrock is encountered at a depth greater than 50 feet, then casing must extend 10 feet into bedrock

5) Grout will be required the entire length of the casing from land surface into bedrock.

6) A drill bit with a diameter of a least one third greater than the diameter of the casing must be used to drill the cased portion of the well.

7) Grout must be either pumped into place with the use of a tremmie pipe or pressure method.

8) A preconstruction meeting between the well contractor and Iredell County Environmental Health staff is required to ensure that maximum separation distances are achieved.

9) The existing well must be properly abandoned according to the Well Construction Standards with a permit obtained from the Iredell County Health Department.

Pages 4 & 5 Blank

The granting of this variance is for the well location only. It in no way relieves the owner or agent from other requirements of the North Carolina Well Construction Standards including, but not limited to the requirements in 15A NCAC 2C .0113(b) to repair or to abandon any well which acts as a source or channel for the migration of contamination. This approval does not imply sufficient water quality. Further, the approval does not relieve your responsibility to comply with any other applicable Federal, State, or local laws or regulations.

If you have any questions regarding this variance, please contact me at (828) 713-3335.

Sincerely,

John Brooks

John M. Brooks R.E.H.S, MS