IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 235456

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

PIN # 4753618006

APPLICANT/OWNER: Hubert Germaine Redfear / Maria Hernandez APPLICANT ADDRESS: 332 Shilon Rd Statesville

SITE ADDRESS: 108 Homestead Estates Dr. Statesville PHONE: 704-252-1086 ALT. PHONE —

SITE DIRECTIONS: Hwy 70 → R on Shilon Rd → R on Homestead Est. Dr → on right SAP CONTROLLED: ☒ YES ☐ NO

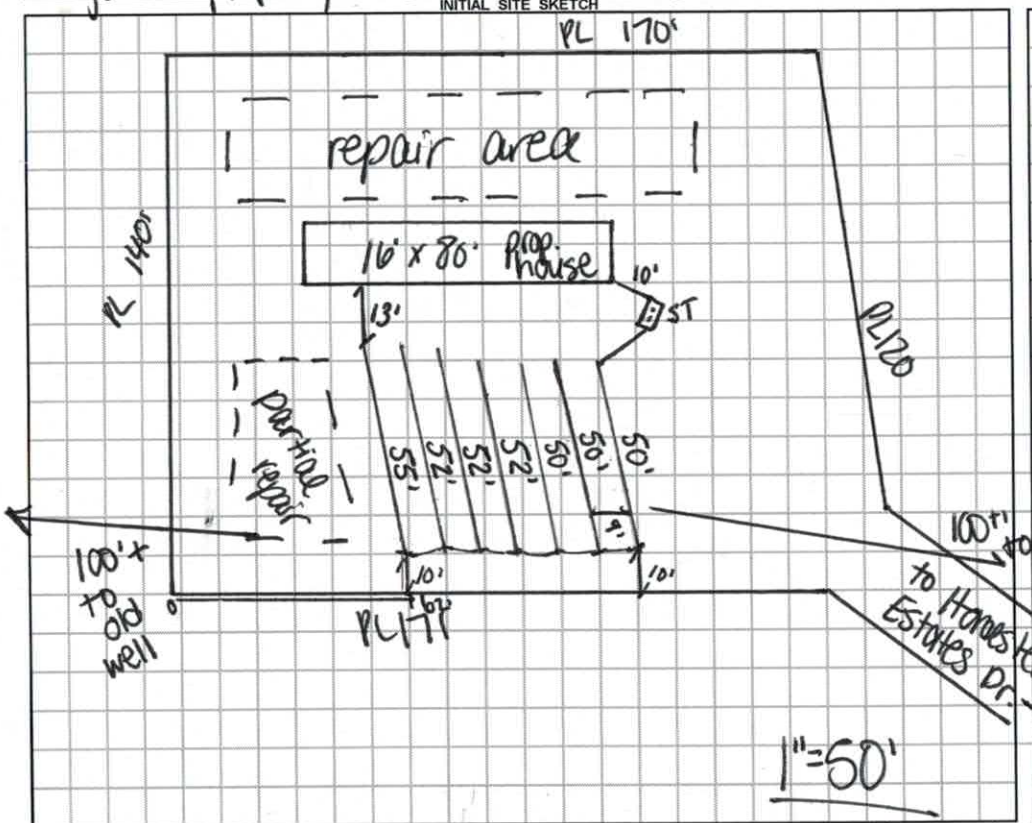
SUBDIVISION: Hernandez Estates SECTION: — LOT # 2 LOT AREA: .716 ac DESIGN FLOW: 360 gpd L.T.A.R.: .25

Septic Tank	1000 (gal)	STB	Infiltrator	Date	IM1060	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT		Date		System Description:	25% reduction	☐ Business	No. Persons 16
Pump Make		Model		Serial #		Repair System Description:	50% reduction	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	7	Linear Ft	360'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	20"	Gravel Depth	—		☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

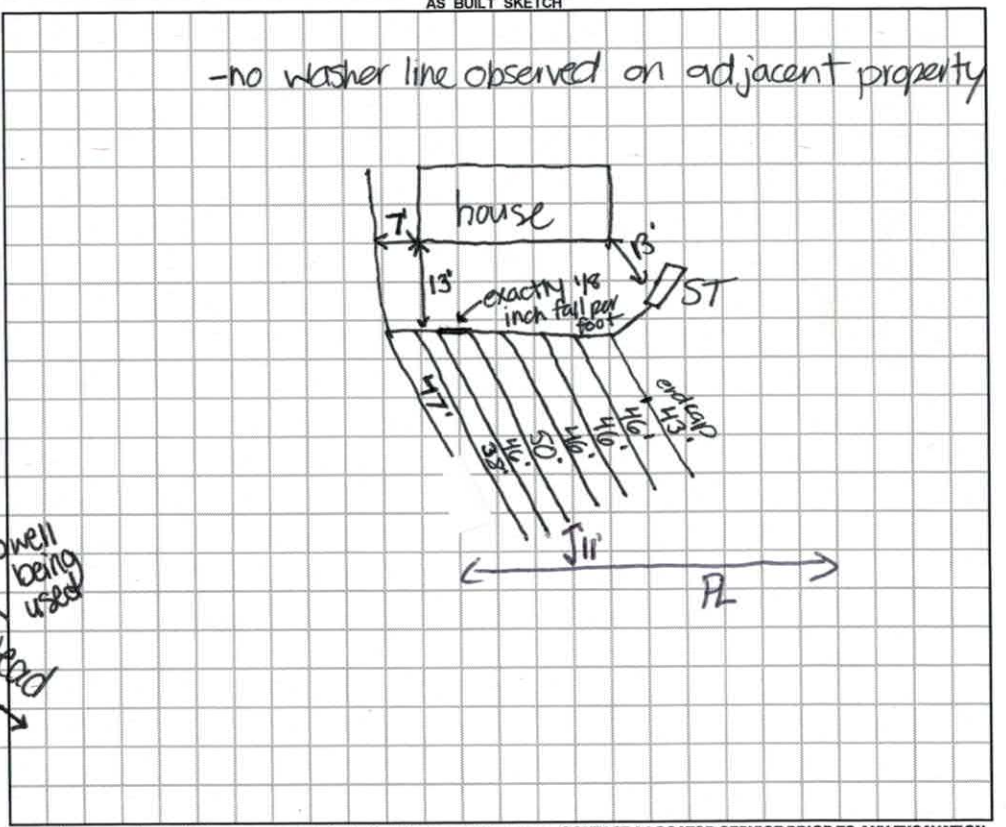
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour + utilize serial distribution. Do not level grade septic area. Washer line from adjacent property must be verified disconnected prior to installation. * well they are using is exactly 100' from closest septic (332 Shilon Rd)

INITIAL SITE SKETCH



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: Maria Hernandez Date: 5/31/18 Installed by: TW Ammons Septic Service

IMPROVEMENT PERMIT by: Carlen G. Cave Date: 5/29/18 OPERATION PERMIT by: Krystal Watson Date: 7-11-18

AUTHORIZATION TO CONSTRUCT by: Carlen G. Cave Date: 5/29/18 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.

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

Sheet 1 of 1
PROPERTY ID #: 4758618109
COUNTY: Iredell

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

OWNER: Maria Hernandez
ADDRESS: 108 Horseshoe est Dr.
PROPOSED FACILITY: 3BR house
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 108 Horseshoe estates Dr
APPLICATION DATE: 5/7/18
DATE EVALUATED: 5/23/18
PROPERTY SIZE: 1.16 ac
PROPERTY RECORDED: Y

WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other existing
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1 R	4-5% SS	0-8	GR SL	Fr SS SP SXP	10YR 6/3 @ 24" 10YR 6/2 @ 35"	48"	N/A	N/A	PS .25
		8-33	SBK SCL	" "					
		33-48	ABK CL	" "					
2 R	5% SS	0-31	GR SL	Fr SS SP SXP	N/A	48"	N/A	N/A	PS .25
		31-48	SBK SCL	" "					
3 I	5% SS	0-8	GR SCL	Fr SS SP SXP	N/A	26"	PS	N/A	PS .3
		7-20	SBK C	" "					
		20-26	SBK CL	" "					
		26-48	2 SAP	VFr					
4 I	5% SS	0-8	GR SL	Fr SS SP SXP	few rock @ 32"	48"	N/A	N/A	PS .25
		8-32	SBK SCL	" "					
		32-48	SBK C	" "					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360'	240'
System Type(s)	3BR	50%
Site LTAR	.25	.25

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: C. Cave
OTHER(S) PRESENT:

COMMENTS: Where will the next one go? Make sure old washer tank is disconnected

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		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

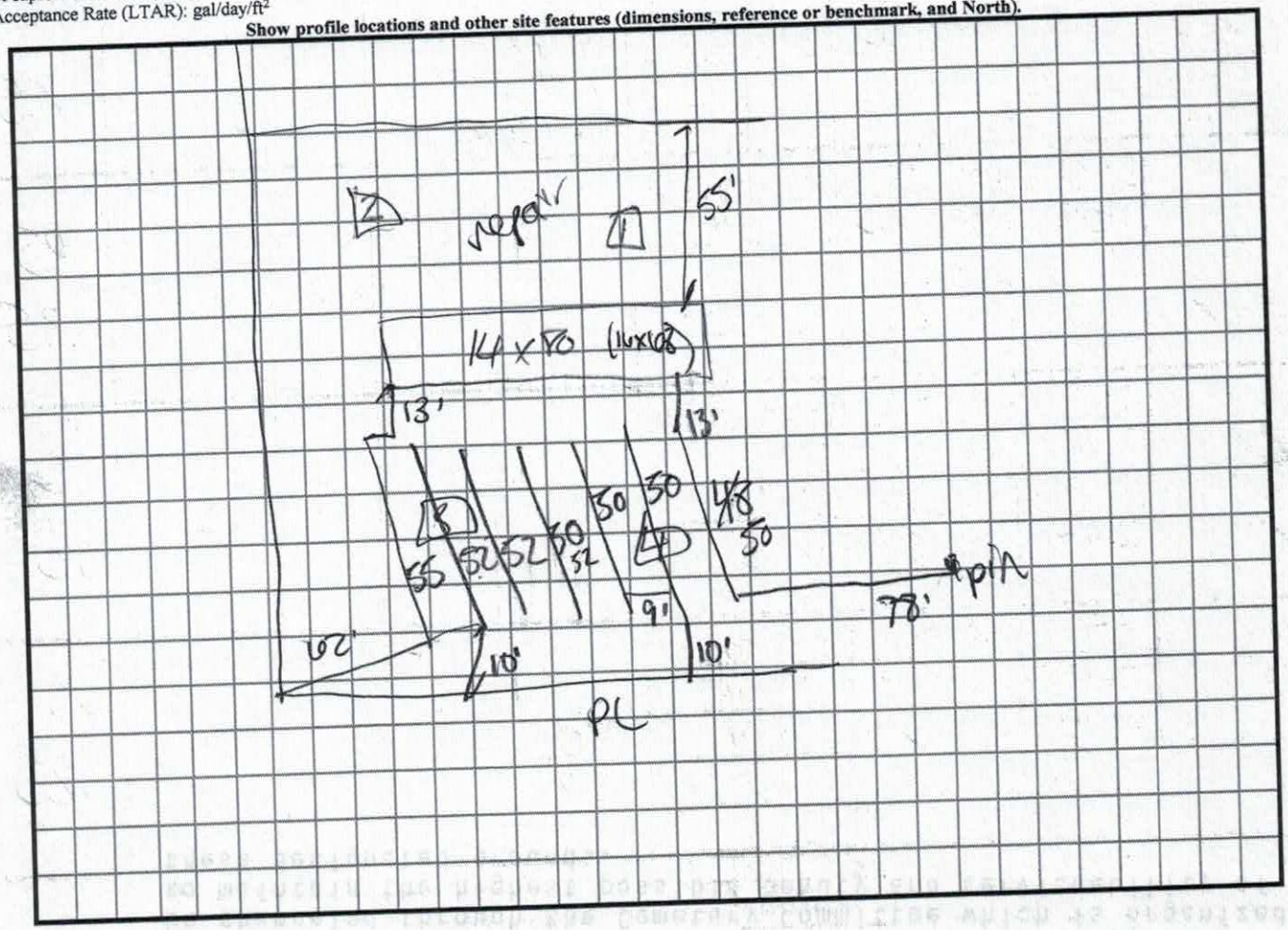
NOTES

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).



5/23 pits

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) 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 ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Hubert Germaine Bodeay Address: 332 Shiloh Rd. Statesville Zip: 28677

Applicant Email: _____ Phone: 704-252-1086 Alt. Phone: _____

Owner Name: _____ Address: _____ Zip: _____

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

Property Information:

X Street Address: 108 Homestead Est Dr, Statesville, NC 28677

Subdivision Name: _____ Section/Phase: _____ Lot Number: _____

Driving Directions: Hwy 70, ® Shiloh ® Homestead Est Dr

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

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

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: 3

( ) New Well (X) 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: _____ 5-7-18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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, Maria Hernandez, am the legal owner(s) of the property located at 108 Homestead Est Dr, identified as PIN (Parcel Identification Number) 4753415663000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Hubert Redfear, _____, 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.

Maria Hernandez 5-8-18 _____ _____

Signature of Owner(s) Date Signature of Witness Date

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

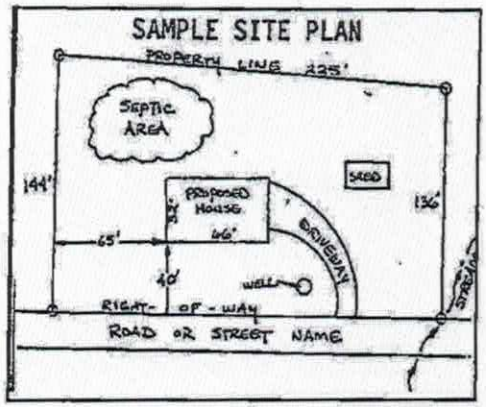
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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 OR WELL 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
- ( ) Preferred well location
- ( ) Preferred septic system location
- ( ) North arrow, or other sufficient indicator of direction

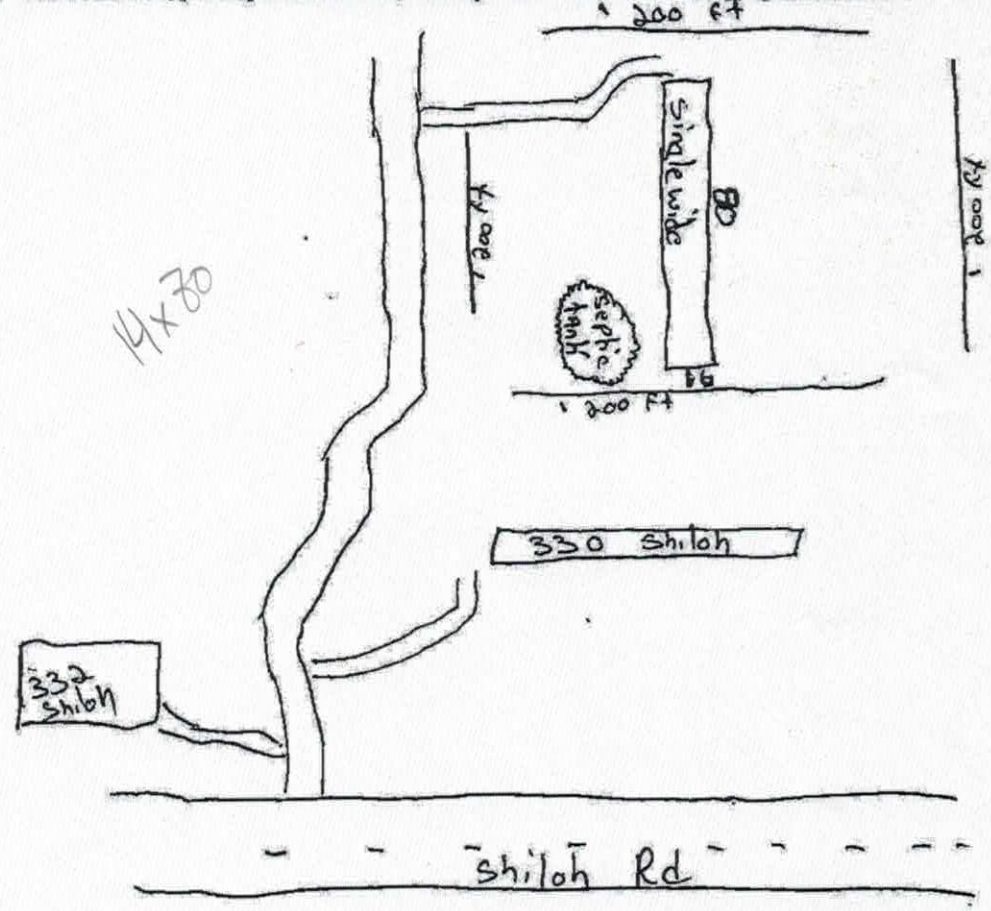


Circle N/A on the following if appropriate:

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

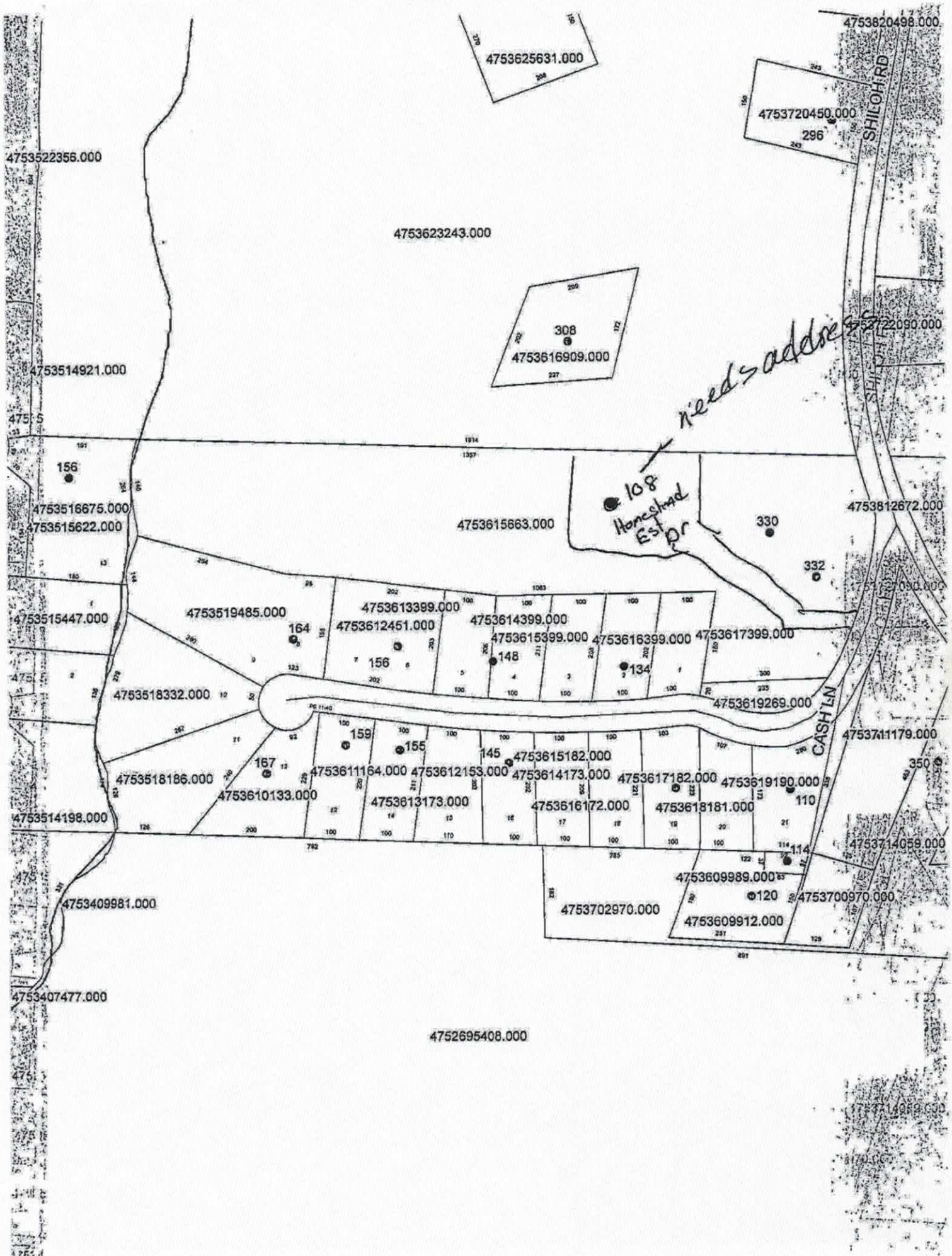
USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

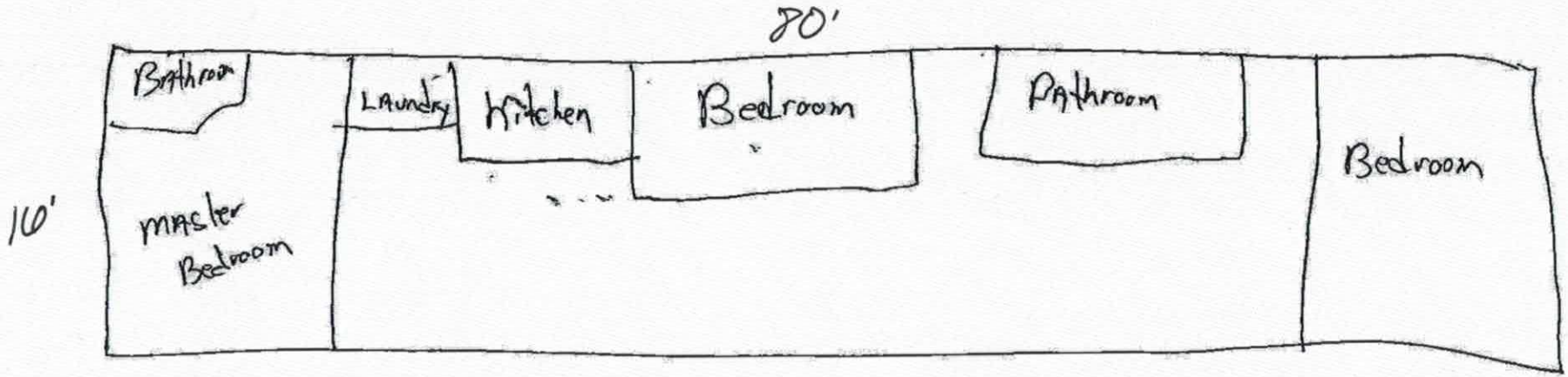


Signature: _____ 5-7-18

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


4753820498.000
4753625631.000
4753720450.000
296
SHILOH RD
4753522356.000
4753623243.000
308
4753616909.000
4753722090.000
need address
4753514921.000
108
Homestead Est Dr
156
4753516675.000
4753515622.000
4753615663.000
330
4753812672.000
332
4753515447.000
4753519485.000
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120
4753700970.000
4753409981.000
4753702970.000
4753609912.000
4753407477.000
4752695408.000

Acknowledgement Of
Plans Submittal ONLY!
Date 5-8-18
Carla C. Cave Date 5/29/18



IREDELL COUNTY

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

APPLICATION NUMBER
235456
Issue Date: 05/08/2018

FILE COPY

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4753615663.000	108 HOMESTEAD ESTATES DRIVE, STATESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: HERNANDEZ, MARIA	Applicant: REDFEAR, HUBERT G.
Address: 332 SHILOH RD	Address: 332 SHILO RD
STATESVILLE, NC 28677	STATESVILLE, NC 28677
Phone:	Phone: 704-252-1086

Use Requested	Zone Code
SINGLEWIDE	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
7.140	35.00	35.00	15.00	15.00	NOT	X

Remarks:

PAID

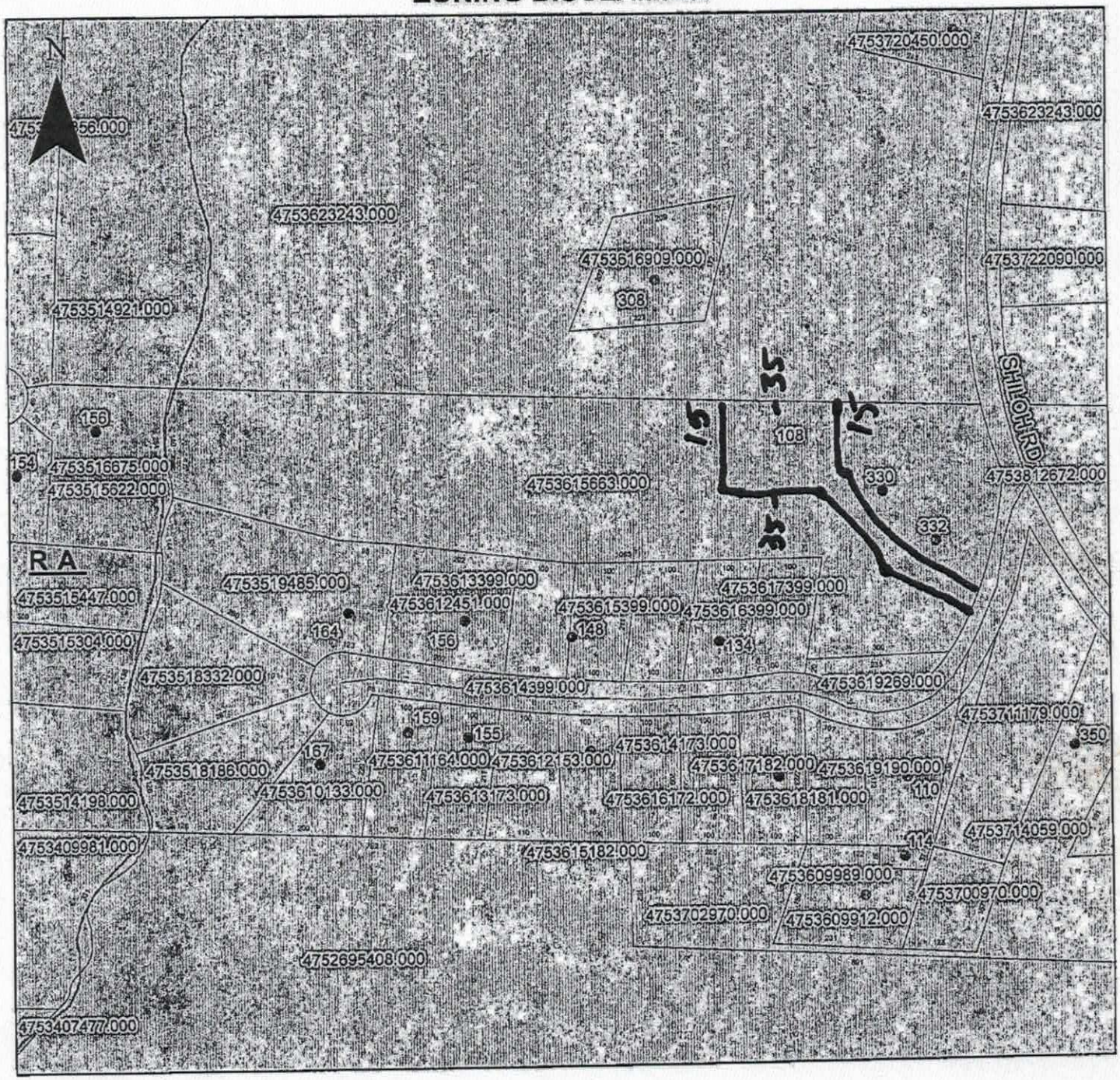
Must meet requirement R10 of the LDC. Must remove the towing apparatus, if it cannot be removed, it shall be screened; Must have a continuous underpinning; Must have 36 square foot front porch constructed within 12 inches of the floor elevation; Must have approved steps at all other secondary entrances and exits; Must face front property line and be no less than 20 degrees from parallel to the front property line. Original home must be removed before Certificate of Occupancy can be approved.

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: See Attached Date: _____

Permit Number	138054	TOTAL FEES:	$ 77.25

ZONING DISCLAIMER



Property Address 108 Homestead Est 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

5-8-18

Date