ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (BB) Mooresville Office (704) 660-3625 PERMIT # 219479

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

PIN # ✓ 4814-85-0326

APPLICANT/OWNER: Randall Crider APPLICANT ADDRESS: 6493 Willesboro Hwy Statesville NC

SITE ADDRESS: ✓ 6493 Willesboro Hwy ~~Statesville NC~~ Union Grove 28689 PHONE: 704-746-5475 ALT. PHONE 704-592-2020

SITE DIRECTIONS: Hwy 115 N House on L Just before Wilks County line SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: ✓ Property of Emma Jane Mahaffey SECTION: — LOT # 5 LOT AREA: 1.31 Acre DESIGN FLOW: 360gpd L.T.A.R.: .275I/R.1

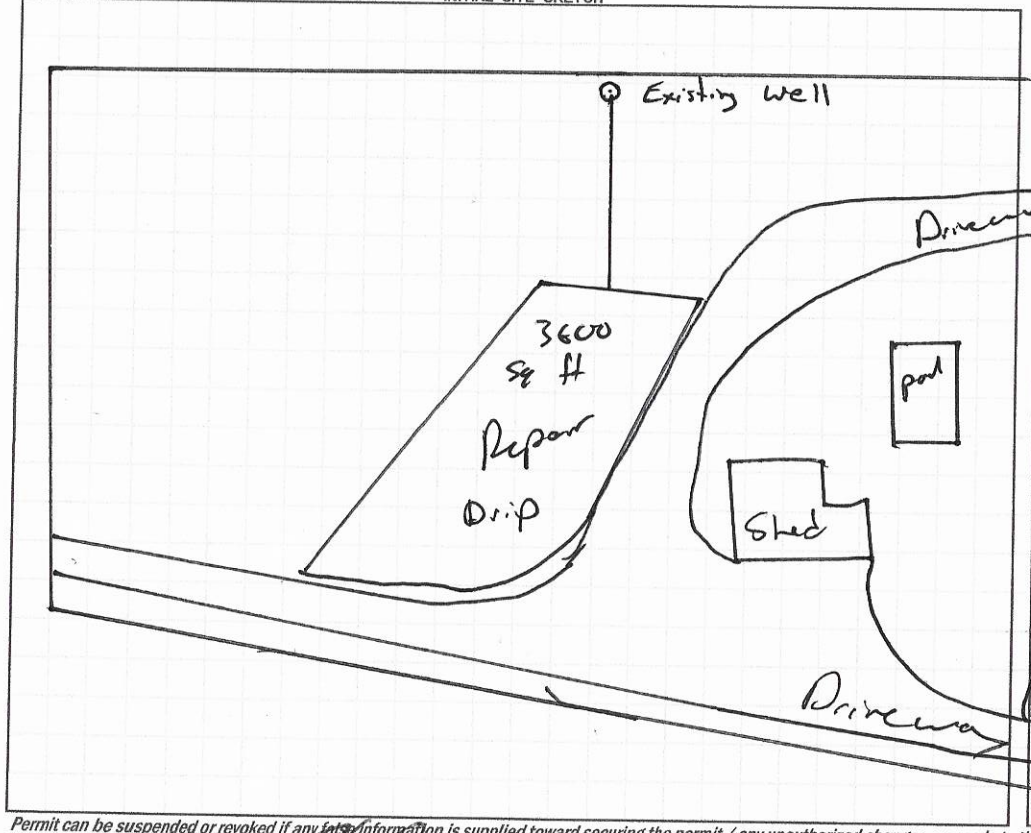
Septic Tank	1000 (gal)	STB	760	Date	8-18-20	☐ New System ☐ Repair ☒ Expansion System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3
Pump Tank	(gal)	PT		Date		System Description: Existing + 25% Reduction	☐ Business	No. Persons	6
Pump Make		Model		Serial #		Repair System Description: Drip	☐ Other	No. Employees	
# Nitrification Fields	1	# Lines	3	Linear Ft:	109'	Maintenance Agreement Required: ☐ YES ☒ NO	☐ Slab	☒ Crawl Space	
Trench Width	36"	Trench Bottom Depth(Low side)	31"-36"	Gravel Depth	—	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install New Septic tank Set D Box to feed existing line. Equal feed new lines. Although only 109' are required home owner requested more line be installed.

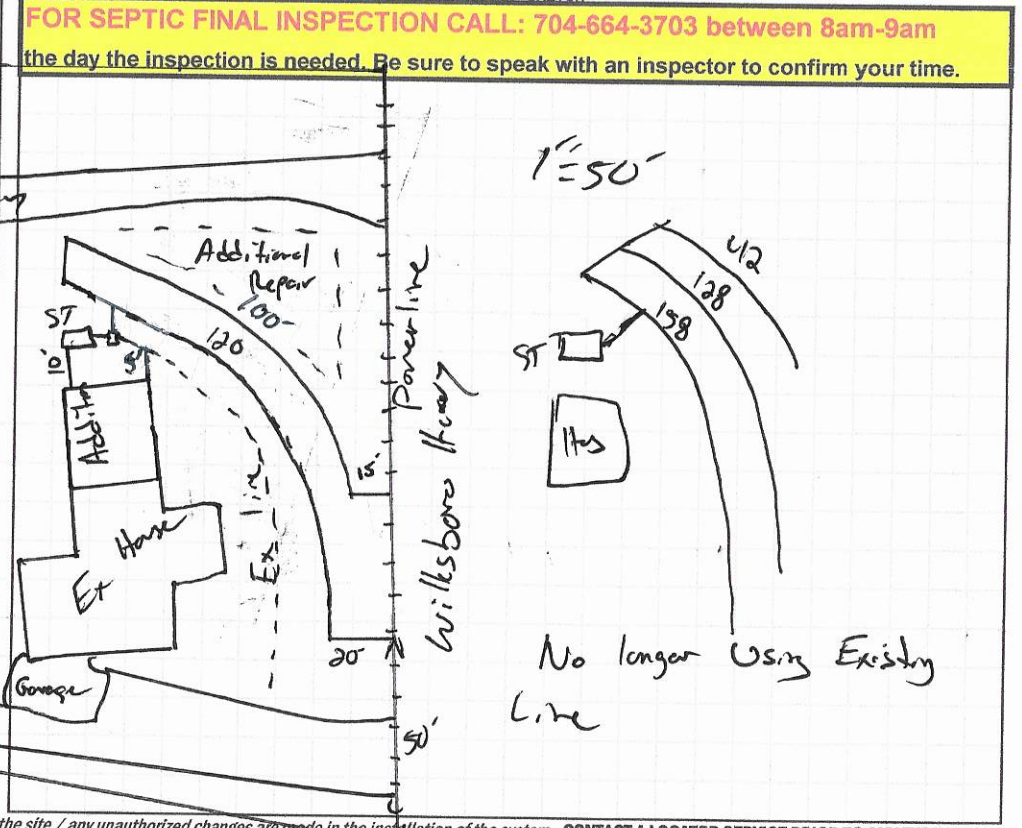
220' feet bord ont. Maintain 15' from center of Powerline.

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.



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 plan 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: 9-21-20 Installed by: Jake Willams

IMPROVEMENT PERMIT by: Date: 9-17-2020 OPERATION PERMIT by: Date: 10-6-2020

AUTHORIZATION TO CONSTRUCT by: Date: 9-17-2020 Existing System Inspected by: Date:

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

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

PROPERTY ID #: 0320
COUNTY: Iredell

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

OWNER: Randall Crider
ADDRESS: 6493 Wilkesboro Hwy
APPLICATION DATE 6/10/16
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360 GPD
DATE EVALUATED: 7/30/16
LOCATION OF SITE: 6493 Wilkesboro Hwy Sud NC
PROPERTY SIZE: 1.31 Acre
PROPERTY RECORDED: Y/S
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	SS 10%	0-15	Fill		/	48"	L-M SAP INCL 35-48"	/	.275
		15-25	BSCL, WSBK	VFR, SS, SP					
		25-42	RC, WSBK	FR, SS, SP					
		42-48	RCL, WSBK/VWSBK	FR, " "					
A 2	LS 10%	0-15	BSCL, VWSBK	VFR, SS, SP	/	48"	F-L SAP INCL	/	.275 - .3
		15-43	RC, WSBK	FR, SS, SP					
		43-44	RCL, WSBK	" " "					
A 3	LL 5%	0-15	BSCL, VWSBK	FR, SS, SP	/	36"	C-M SAP INCL	/	.3
		15-32	RC, WSBK	" " "					
		32-36	RCL, WSBK	" " "					
		36-48	MASS SAP	VFR, SS, SP					
A 4	SS 5%	0-10	Fill		HEAVY DRAIN MOTTLES 15"-31"	48"	/	/	.25 .1 DRIP
		10-33	RC, WSBK/VWSBK	FI, S, P					
		33-48	RC, WSBK	FR, SS, SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Approved	Drip
Site LTAR	.275	.1

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SC
OTHER(S) PRESENT: Randall Crider

COMMENTS:

LEGEND

use the following standard abbreviations

2/3

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		
					MOIST	WET
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None	None		

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

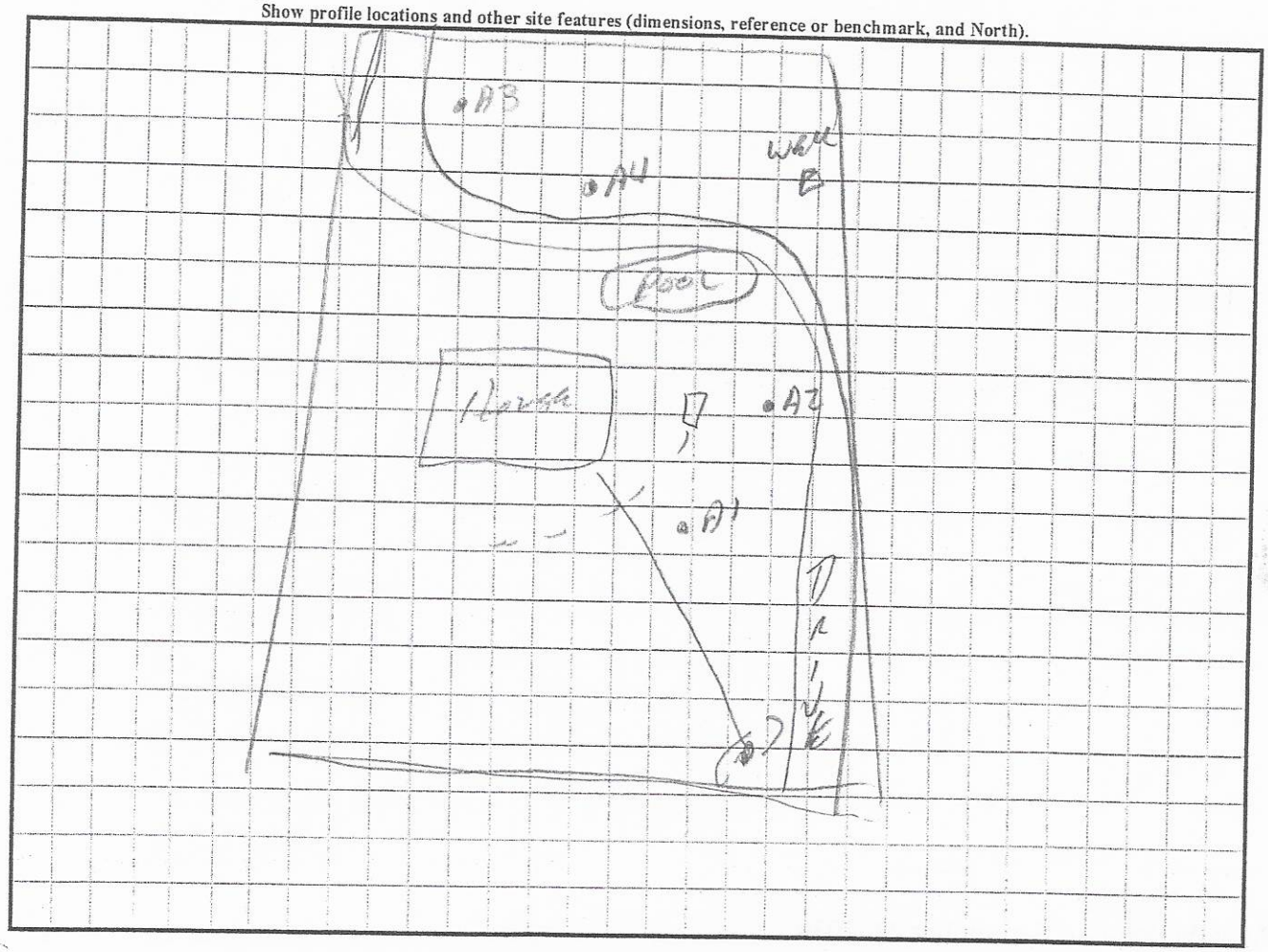
NOTES

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

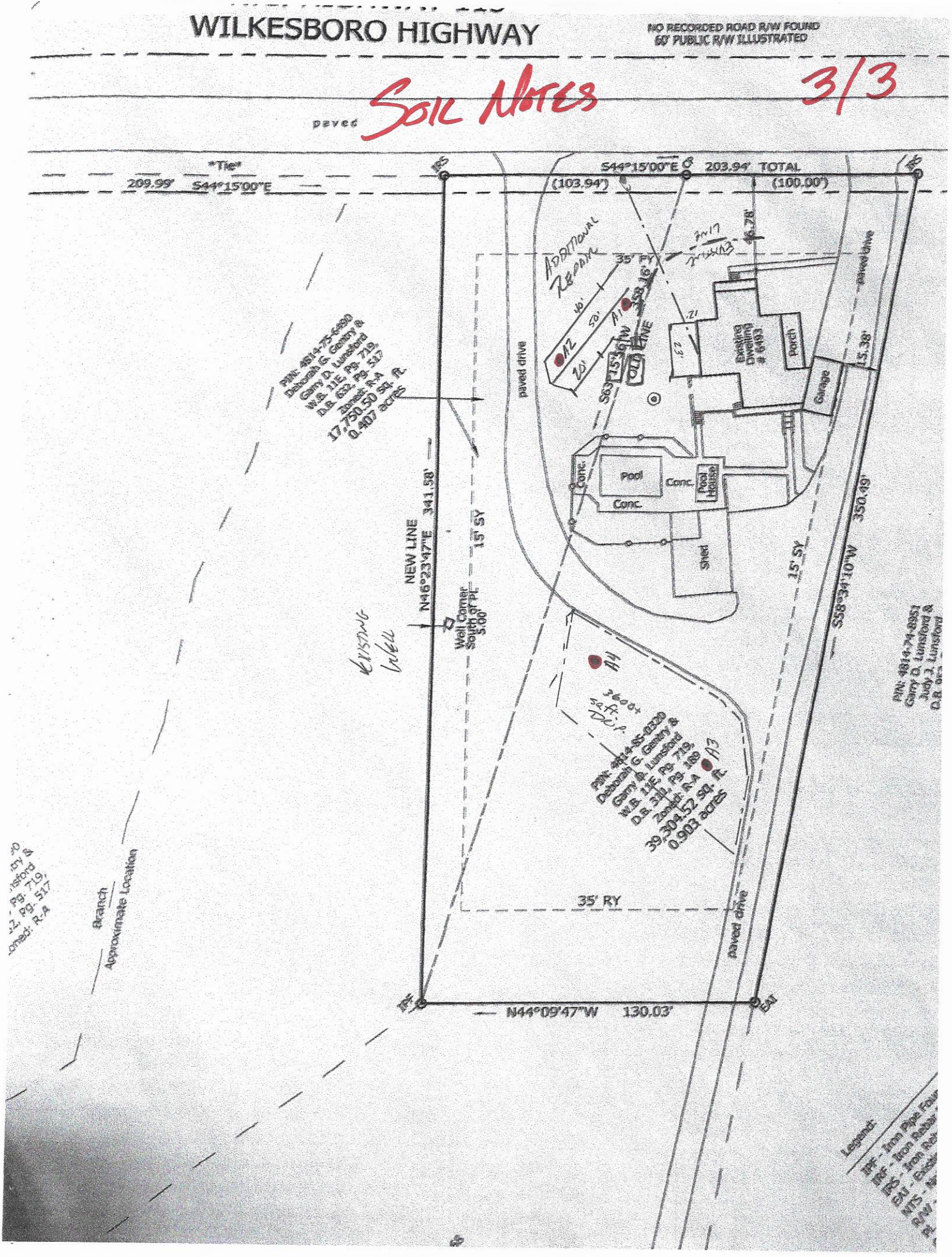
Show profile locations and other site features (dimensions, reference or benchmark, and North).



1 inch = 50 feet

1:600




WILKESBORO HIGHWAY
NO RECORDED ROAD R/W FOUND
60' PUBLIC R/W ILLUSTRATED
paved
Soil Notes
3/3
"Tie"
209.99' S44°15'00"E
IRS
S44°15'00"E 203.94' TOTAL
(103.94')
(100.00')
IRS
Additional Reserve
35' RY
46.78'
3in17
40'
50'
358.16'
A1
A2
10'
S63°15'36"W
C.L.F. LINE
paved drive
Existing Dwelling # 6493
Porch
Garage
15.38'
paved drive
PIN: 4814-75-4490
Deborah G. Gentry &
Garry D. Lunsford
W.B. 11E, Pg. 719,
D.B. 632, Pg. 517
Zoned: R-A
17,750.50 Sq. Ft.
0.407 acres
Conc.
Pool
Conc.
Pool House
Conc.
Shed
NEW LINE
N46°23'47"E 341.58'
15' SY
Well Corner
South of PL
5.00'
Existing Inlet
15' SY
S58°34'10"W 350.49'
PIN: 4814-74-8957
Garry D. Lunsford &
Judy J. Lunsford
A4
3600± sq. ft. D.I.P.
PIN: 4814-85-0320
Deborah G. Gentry &
Garry D. Lunsford
W.B. 11E, Pg. 719,
D.B. 311, Pg. 189
Zoned: R-A
39,304.52 Sq. Ft.
0.903 acres
A3
35' RY
paved drive
Branch
Approximate Location
IRF
N44°09'47"W 130.03'
IRS
Legend:
IRF - Iron Pipe Found
IRS - Iron Rebar Set
EAT - Existing Asphalt
NTS - Not to Scale
R/W - Right of Way

RECEIVED AUG 0 6 2020

#219479
$320.00

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*

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:
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: (PRINT CLEARLY)

Applicant Name: Randall Crider Address: 6493 Wilkesboro Hwy. Zip: 28689
Applicant Email: vancrider@yahoo.com Phone: 704 592-2020 Alt. Phone: 704 746-5475
Owner Name: Randall Crider Address: 6493 Wilkesboro Hwy. Zip: 28689
Owner Email: same as above Phone: Alt. Phone:

Property Information:

Street Address: 6493 Wilkesboro Hwy. Union Grove NC 28689
Subdivision Name: Section/Phase: Lot Number:
Driving Directions: Hwy 115 N just before Wilkes county line

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

( ) 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: 4
(✓) Swimming Pool
(✓) Other Addition/Structure:

CHECK FOUNDATION TYPE
(✓) 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:
( ) 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 (✓) 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.

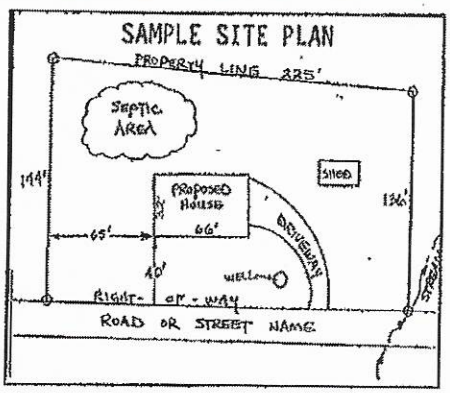
Signature: [signature] 8/5/20
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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:

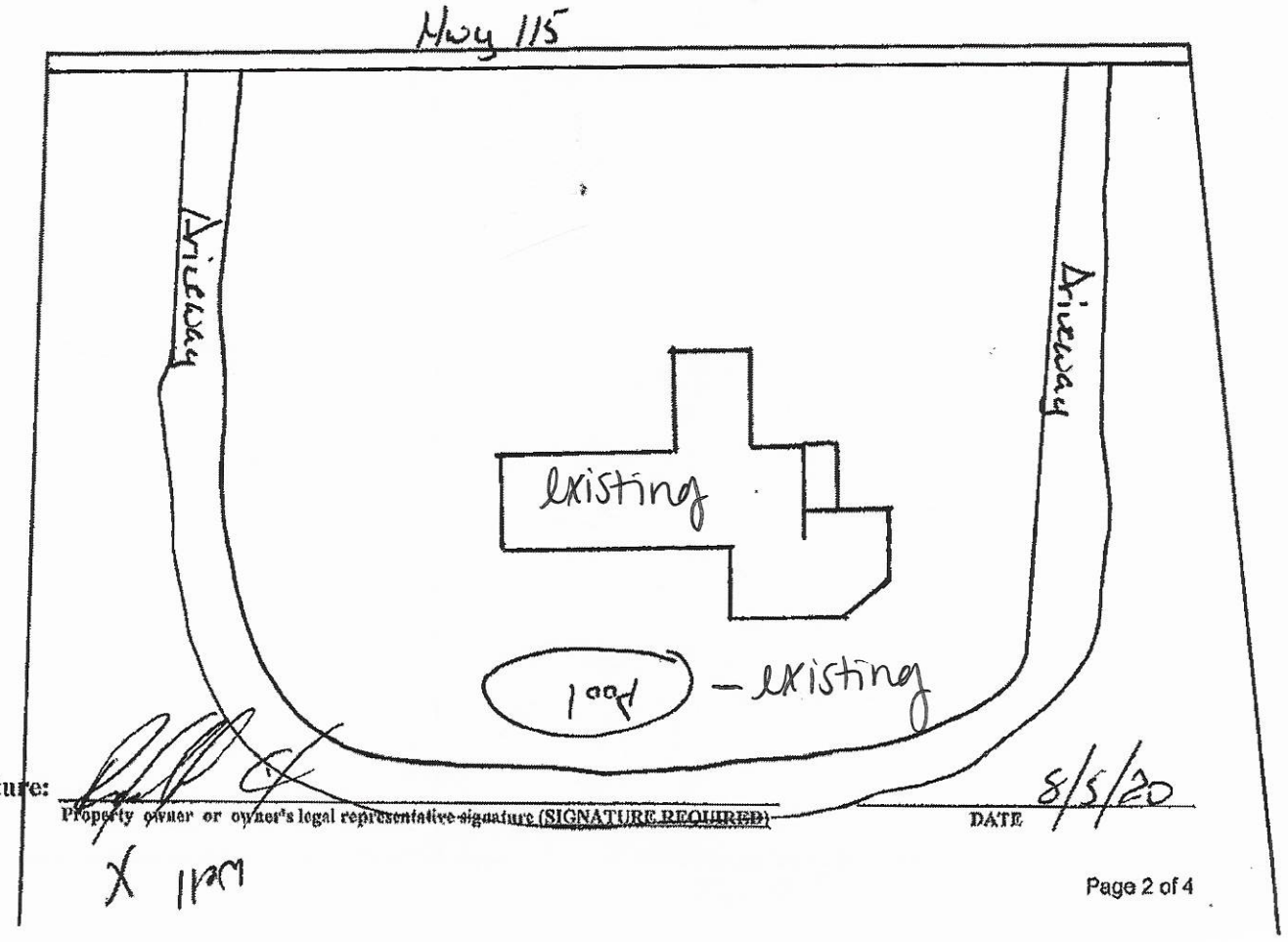
( ) Property Line measurements are clearly identified
( ) All proposed structures are indicated
( ) Front and side setbacks from property line
( ) Preferred driveway location and well location
( ) Area you prefer your septic system to be placed
( ) North arrow, or other sufficient indicator of direction

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



Signature: _____ _____ 8/5/20

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

X

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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, Randall Crider, am the legal owner(s) of the property located at 6493 Wilkesboro Hwy., 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.

_____ 8/5/20

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

Type: CONSOLIDATED REAL PROPERTY
Recorded: 12/18/2015 3:32:07 PM
Fee Amt: $106.00 Page 1 of 3
Revenue Tax: $80.00
Iredell County, NC
Matthew J. McCall Register of Deeds

BK 2395 PG 1546 - 1548

Excise Tax: $80.00
Mail after recording to: Grantee
This instrument was prepared by: J. Pressly Mattox Esquire

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 18th day of October, 2015 by DEBORAH D. GENTRY and husband, JOHNNY GENTRY, GARRY D. LUNSFORD and wife, JUDY J. LUNSFORD herein after called the "Grantors" and VANESSA L. CRIDER and husband, RANDALL P. CRIDER herein after called the "Grantee", whose mailing address is:

6493 Wilkesboro Highway Union Grove North Carolina 28689

The designation Grantors and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantees, in fee simple, their undivided interest all that certain lot or parcel of land situated near the Town of Union Grove, in Union Grove Township, Iredell County, North Carolina and more particularly described as follows:
Parcel No. 4814850320.000
6493 Wilkesboro Highway Union Grove North Carolina 28689

Beginning at an iron rebar set in the Western margin of the right of NC Highway 115 Wilkesboro Highway and a common corner with Garry D. Lunsford and wife, Judy J. Lunsford (Deed Book 953 at page 1948 ICR) and running thence with the line of Garry & Judy Lunsford, South 58 deg 34 min 10 sec West 350.49 feet to an existing angle iron in the common corner with Garry D. Lunsford (Deed Book 631 at page 171 ICR); running thence with the line of Garry D. Lunsford, North 44 deg 09 min 47 sec West 130.03 feet to an iron pipe found in the common corner with Deborah G. Gentry and Garry D. Lunsford (Will Book 11E719 and Deed Book 632 at page 517 ICR); running thence as a new line with Gentry and Lunsford, North 46 deg 23 min 47 sec East 341.58 feet to an iron rebar set in the Western margin of the right of way of NC Highway 115 Wilkesboro Highway; running thence with the Western margin of the right of way,

Page Count 3
☐NS ☐PQ ☐SI

R.O.T.C.

South 44 deg 15 min 00 sec East 203.94 feet to the point and place of ***Beginning,*** containing .903 acres, more or less, all according to a survey prepared by Matthew I Grant, LS, L-5208, dated October 22, 2015 and being a portion of the property conveyed to Deborah G. Gentry and Garry D. Lunsford by Will Book 11 E 719 and Deed Book 311 at page 189 and Deed Book 632 at page 517 of the Iredell County Registry.

The Grantors, Garry D. Lunsford and wife, Judy J. Lunsford also convey herein all right title and interest in the 30 foot easement previously retained in Deed Book 631 at page 171 of the Iredell County Registry and instead hereby reserve an easement for the purposes of ingress, egress and regress from the above described tract to NC Highway 115, said right of way to be 15 feet in width and located 15 feet North of the following line, which line is the Southern boundary of said right of way:

Beginning at an iron rebar set, said iron rebar being in the line of Garry D. Lunsford and Judy J. Lunsford as recorded in Book 953 at page 1948 of the Iredell County Registry and running South 58 deg 34 min 10 sec West 350.49 feet to an existing angle iron.

The above described property is further conveyed subject to the Right of Way Easement granted to Yadkin Valley Telephone Membership Corp as recorded in Book 397 at page 490 of the Iredell County Registry.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its duly authorized officers and its seal to be hereunto affixed by authority of is Board of Directors, the day and year first above written.

Deborah L. Gentry {seal}
DEBORAH L. GENTRY

Johnny Gentry {seal}
JOHNNY GENTRY

Garry D. Lunsford {seal}
GARRY D. LUNSFORD

Judy J. Lunsford {seal}
JUDY J. LUNSFORD

STATE OF NORTH CAROLINA
COUNTY OF IREDELL

SEAL-STAMP

I, a notary public of the County and State aforementioned, certify that DEBORAH GENTRY & JOHNNY GENTRY Grantors, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal this 16 day of Dec 2015.

Notary Public
My Commission Expires: 03 21 20

DANA H. FOWLER
Notary Public
Iredell County
NORTH CAROLINA

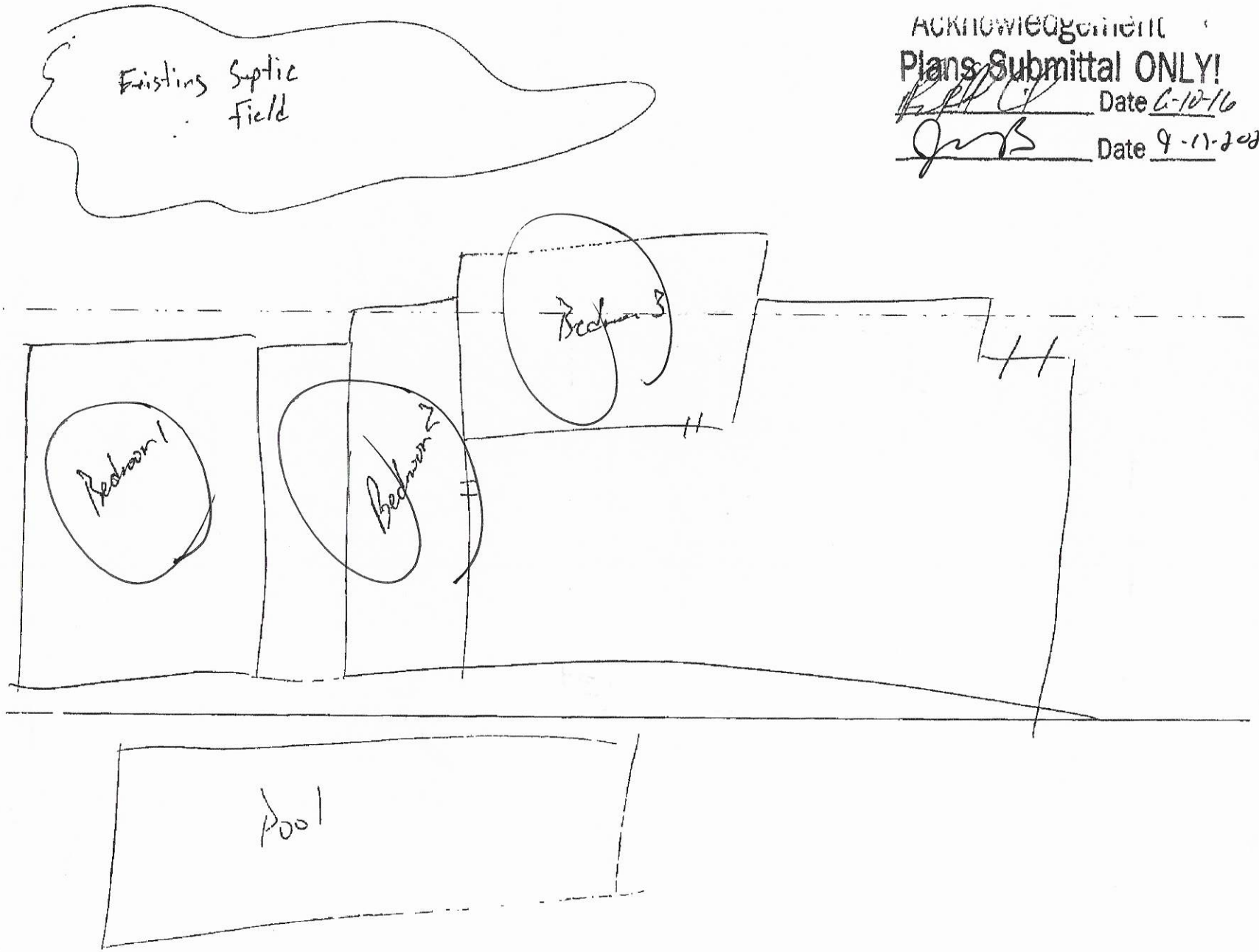
STATE OF NORTH CAROLINA
COUNTY OF IREDELL

SEAL-STAMP

I, a notary public of the County and State aforementioned, certify that GARRY D. LUNSFORD & JUDY J. LUNSFORD Grantors, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal this 16 day of Dec 2015.

Notary Public
My Commission Expires: 03 21 20

DANA H. FOWLER
Notary Public
Iredell County
NORTH CAROLINA



Acknowledgement
Plans Submittal ONLY!
Date 6-10-16
Date 9-11-2020