IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 230255

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

PIN # 3784421848.

APPLICANT/OWNER: Kevin Davis. APPLICANT ADDRESS: 147 Lava RD Mooresville NC

SITE ADDRESS: 150 old Lion RD Statesville 28625 PHONE: 980-722-5366 ALT. PHONE ~

SITE DIRECTIONS: I-40 Exit 141 Sharon school RD Left on Island Ford right on old Lion RD on Right SAP CONTROLLED: ☐ YES ☒ NO

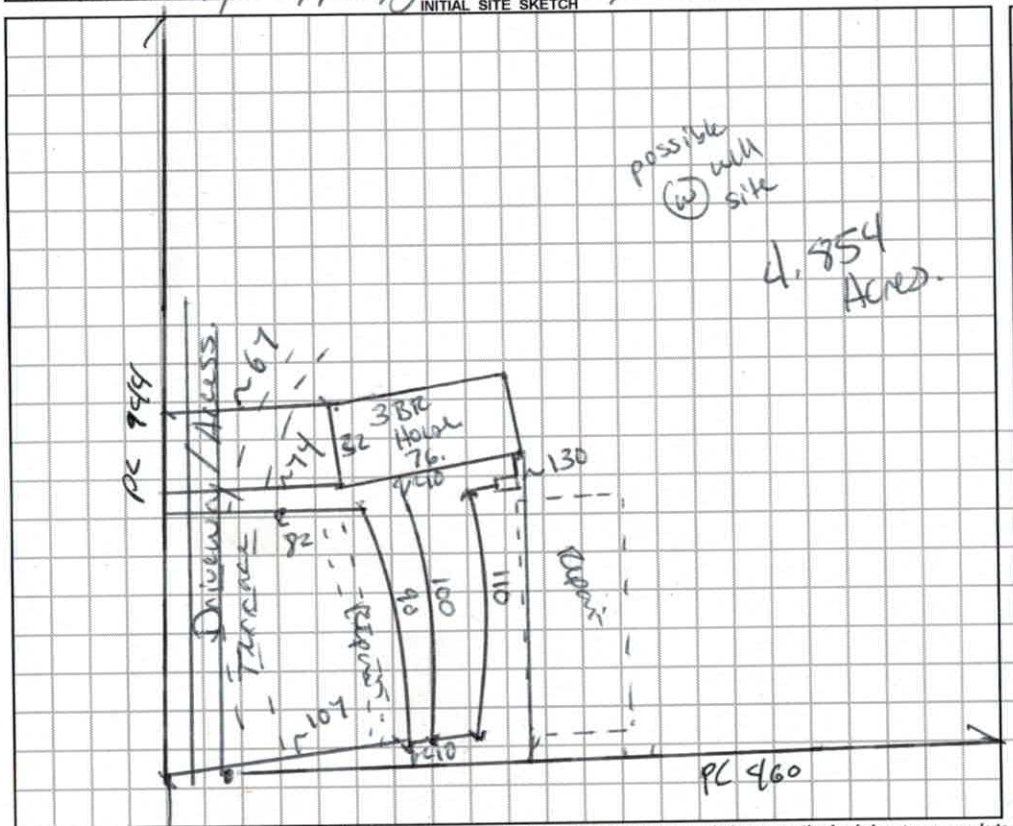
SUBDIVISION: ~ SECTION: ~ LOT # ~ LOT AREA: 4.854 Acres. DESIGN FLOW: 360 gpd. L.T.A.R.: .3

Septic Tank	1000	(gal)	STB	Infiltrator	Date	1060	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms	3	Water Supply
Pump Tank	~	(gal)	PT	~	Date	~	System Description:	25% Reduction			☐ Business	No. Persons	6	☑ Private
Pump Make	~	Model	~		Serial #	~	Repair System Description:	50% Reduction			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	3		Linear Ft	300	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36	Trench Bottom Depth(Low side)	22		Gravel Depth	~		☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: Install Septic drainlines on the contour of the land
Utilize serial distribution. Do not exceed more depth of
22 inches low side. Remove Terrace prior to Installation
DO not drive, park, pave, grade, or bury utilities in the drainfield area.

* Installed as permitted. - Trench depth 23 O.K. High side.
Line Lengths: 106
102
98

INITIAL SITE SKETCH



AS BUILT SKETCH

1"=80.

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: Kimberly Davis Date: 10/24/17 Installed by: Frye Grading + Septic

IMPROVEMENT PERMIT by: Benjamin A. Bottles Date: 10/23/2017 OPERATION PERMIT by: Benjamin A. Bottles Date: 12/28/2017

AUTHORIZATION TO CONSTRUCT by: Benjamin A. Bottles Date: 10/23/2017 Existing System Inspected by: Date:

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

Sheet 1 of 1
PROPERTY ID #: 3784421848
COUNTY: Iredell

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

OWNER: Kevin Davis. APPLICATION DATE 9/14/17
ADDRESS: 147 Laura RD Mvl NC DATE EVALUATED: 10/20/17
PROPOSED FACILITY: 3BR House PROPOSED DESIGN FLOW (.1949): 360 gpd. PROPERTY SIZE: Cl. 8c Acres
LOCATION OF SITE: 150 old Linn RD SVC PROPERTY RECORDED: Y
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)		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	
1	Ridge	0-10	SCL WSBK	SS SP FR SEP	2.5YR 4/8.	4/3	Loam.	–	PS .3.
		10-27	C SBK	SS SP FM					
		27-43	CL WSBK	SS SP FR					
		43-48.	L M SAP	NS NP VFR					
2	Ridge	0-7	SCL WSBK	SS SP FR SER.	2.5YR 4/8	4/4	Loam	–	PS .3.
		7-30	C SBK	SS SP FM					
		30-44	CL WSBK	SS SP FR					
		44-50	L SAP M	NS NP VFR					
3	Ridge	0-10	SCL WSBK	SS SP FR SER	2.5YR 4/8.	4/0	Loam.	–	PS .3
		10-20	C SBK	SS SP FM					
		20-40	CL WSBK	SS SP FR					
		40-50.	L SAP M	NS NP VFR					
4	SS.	0-10	SCL WSBK	SS SP FR	2.5YR 4/8	4/6.	Loam	–	PS .3
		10-30	C SBK	SS SP FM.					
		30-44	CL WSBK.	SS SP FR					
		44-52.	L SAP M.	NS NP VFR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300	200.
System Type(s)	25% III	50% IV
Site LTAR	.3	.3.

OTHER FACTORS (.1946): Terrace.
SITE CLASSIFICATION (.1948): PS - S
EVALUATED BY: B. Bottoms
OTHER(S) PRESENT:

COMMENTS: * pits not deep enough to be SPP Confirmed Max Trench Bottom 28" High Site.

LEGEND

use the following standard abbreviations

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

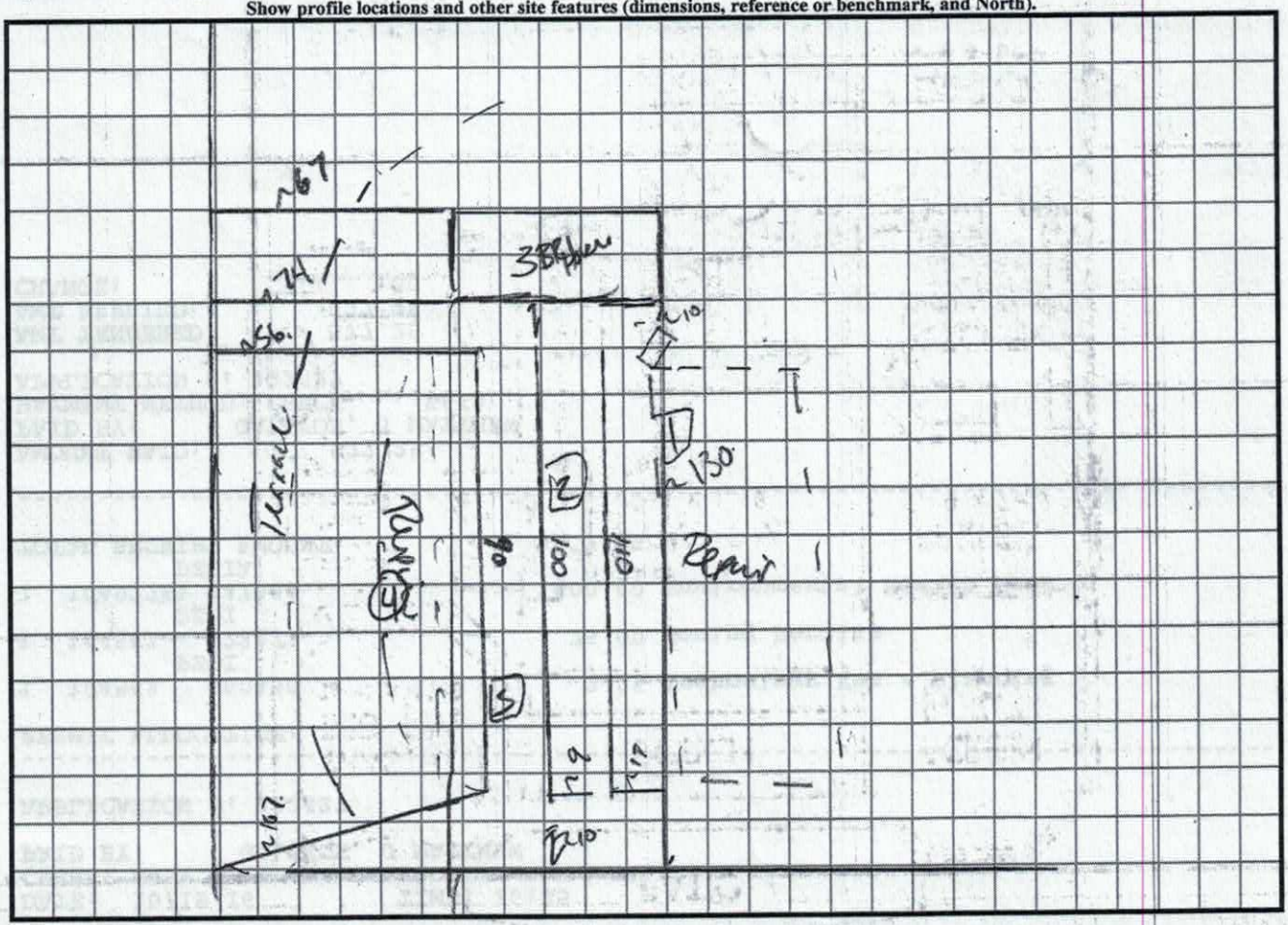
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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/ft^2

+ Horz is. 130' from front PL

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



980-621-7640.

IREDELL COUNTY HEALTH DEPARTMENT 230.255

Application For Improvement Permit and/or Authorization To Construct, Existing System Inspection

(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)

1. APPLICATION FOR: ___ Improvement Permit ✓ Authorization To Construct ___ BOTH ___ Existing System Inspection

2. 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 check ( ) beside whichever is submitted if applicable ___ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Kimberly Sneed / Freedom Homes | 1124 Charlotte Hwy Troutman | 704-881-2326
Applicant Name | Mailing Address | Home Phone | Work Phone

Kevin M. Davis | 147 Laura Rd Mooresville | 980-722-5366
Owner Name | Mailing Address | Home Phone | Work Phone

4. Property Information:

150 old lion Rd Statesville | | 3784-42-3613
Street Address | Subdivision Name | Section/Phase and Lot Number

Driving Directions: Merge I-40 west toward Hickory 9 miles, Exit Sharon School Rd, 2 miles, Stay left SSR, left onto Island ford Rd, right onto old lion Rd, 150 old Lion Rd Is on Right.

****

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

- (X) New, Single Family Residence
- ( ) New, Multi-Family Residence
- ( ) Expansion of Existing Septic System
- ( ) Repair To Failing Septic System

Maximum Number of Bedrooms 3
Maximum Number of Occupants 2
If Expansion, Current Number of Bedrooms ___

- (X) Crawl Space Foundation?
- ( ) Concrete Slab Foundation?
- ( ) Basement w/Plumbing?
- ( ) Basement w/out Plumbing?

IF Non- Residential Site Development:
Type of Business ___
Square Footage of Building ___
Maximum Number of Employees ___
Maximum Number of Seats ___

****

6. Proposed Water Supply:

(X) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

****

7. Desired Septic System Type: *(You may rank in order of preference, if any)*

( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other___ ( ) No Preference

****

8. 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. industry) 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.

9. Signature: Kimberly Sneed — 9/14/17
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

AUTHORIZATION TO ACT AS AGENT FOR OWNER

Any application/document/permit requiring a signature must be signed by the property owner or their authorized agent. This form shall be provided by the owner to allow specified individuals to act as agents for the owner. This form allows the specified individuals to sign or receive any application/document/permit on behalf of the owner. This form allows the authorized agent to make decisions on behalf of the owner pertaining to modifications of permits in the field. It is the responsibility of the owner to assure that any/all permit conditions specified on permits issued by this Division are followed.

I, Kevin M. Davis, am the legal owner of the property located at 150 old Linn Road Statesville NC 28625 identified as PIN(Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (print authorized agent/company name) Freedom Homes, Kimberly Sneed _____, _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

1. Improvement Permit (IP)/ Authorization to Construct (AC).
2. Application for soil-site evaluation (new/repair).
3. Application/permit for water well/well abandonment.
4. Application for existing system.
5. Application for Improvement Permit (IP)/ Authorization to Construct (AC).

I agree to abide by any and all decisions and/or conditions between the agent acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division. This form must be fully executed before the individual's specified above will be recognized as the authorized agent.

Kevin M. Davis — Signature of Owner — 8/21/17 — Date

Paul V. Allen — Signature of Witness — 8-21-17 — Date

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION:*

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:

X Property Line measurements are clearly identified...

X All proposed structures are indicated...

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

X Front and side setbacks from property line...

X Preferred driveway location and configuration, preferred well location...

X Area you prefer your septic system to be placed...

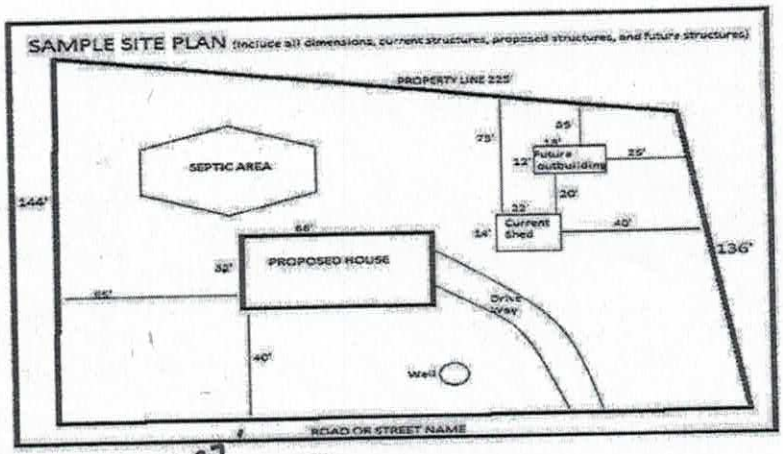
____ North arrow, or other sufficient indicator of direction...

Circle N/A on the following if appropriate:

N/A Location of septic systems and wells within 100' of your property... N/A

N/A Location of easements and rights of ways on your property... N/A

____ Location of any designated wetlands on the property... N/A



166.27

USE THIS SPACE TO DRAW YOUR SITE PLAN

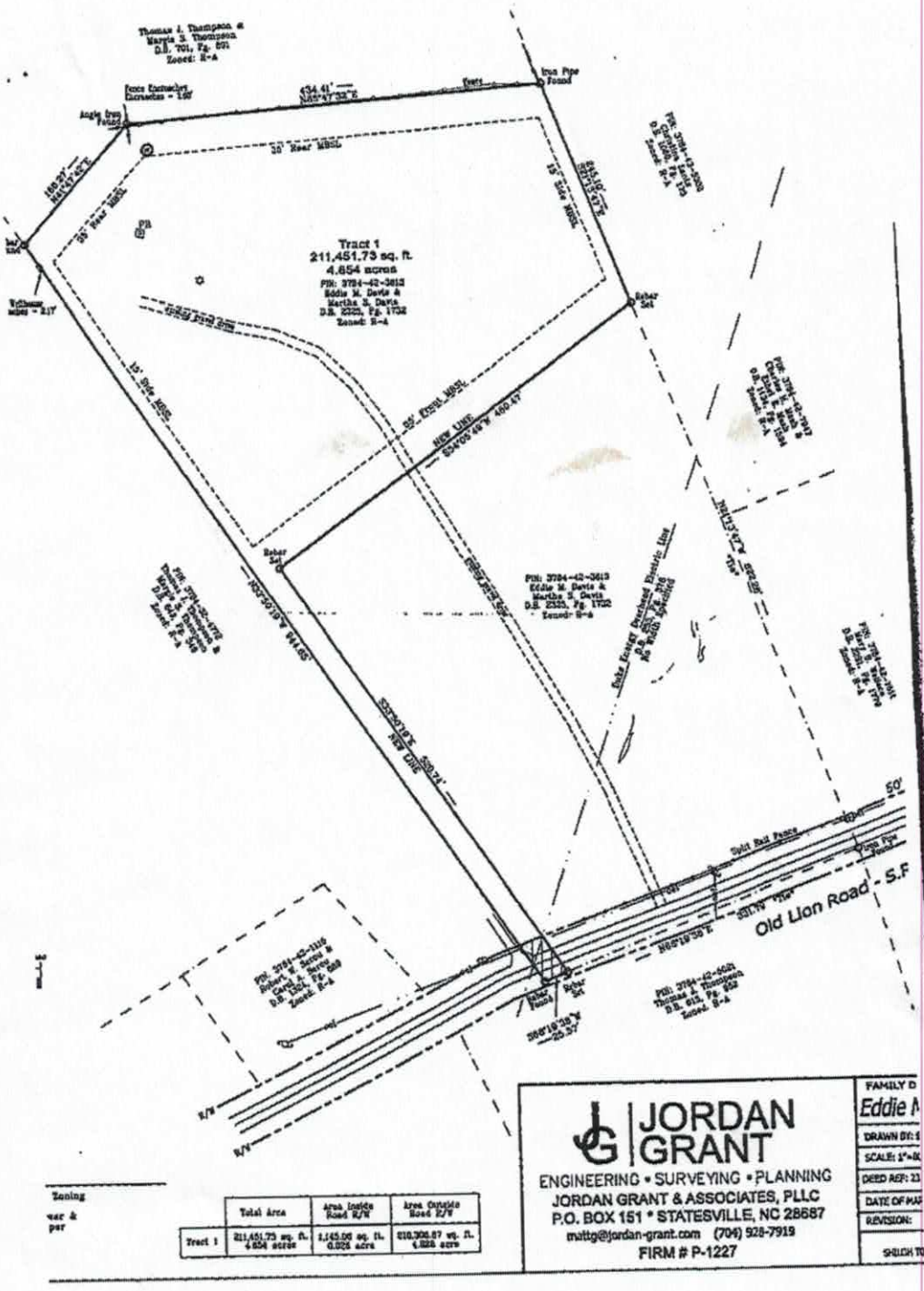


Signature: Kimberly Sanders

REQUIRED property owner or owner's legal representative signature.

10-16-17

DATE



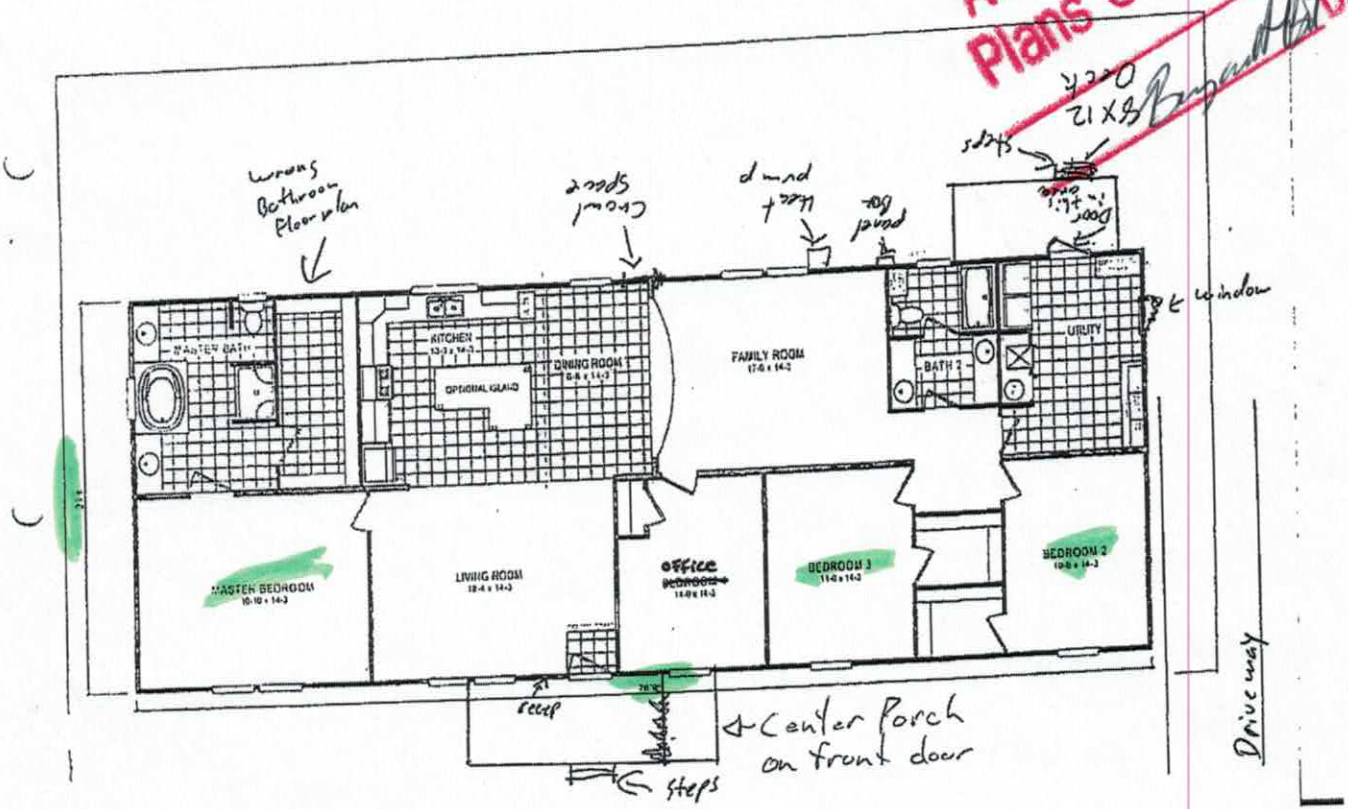
THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.

KEVIN DAVIS

not to Scale

The Savannah

Acknowledgement Of Plans Submittal ONLY!
Date
Date 10/23/2023



IREDELL COUNTY

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

APPLICATION NUMBER
230255
Issue Date: 09/14/2017

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
3784423613.000	150 OLD LION ROAD, STATESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: DAVIS EDDIE M+MARTHA S	Applicant: FREEDOM HOMES-TROUTMAN
Address: 129 LAURA ROAD STATESVILLE, NC 28117	Address: 1124 CHARLOTTE HWY TROUTMAN, NC 28166
Phone:	Phone: 704-883-6148

Use Requested	Zone Code
MODULAR	RA

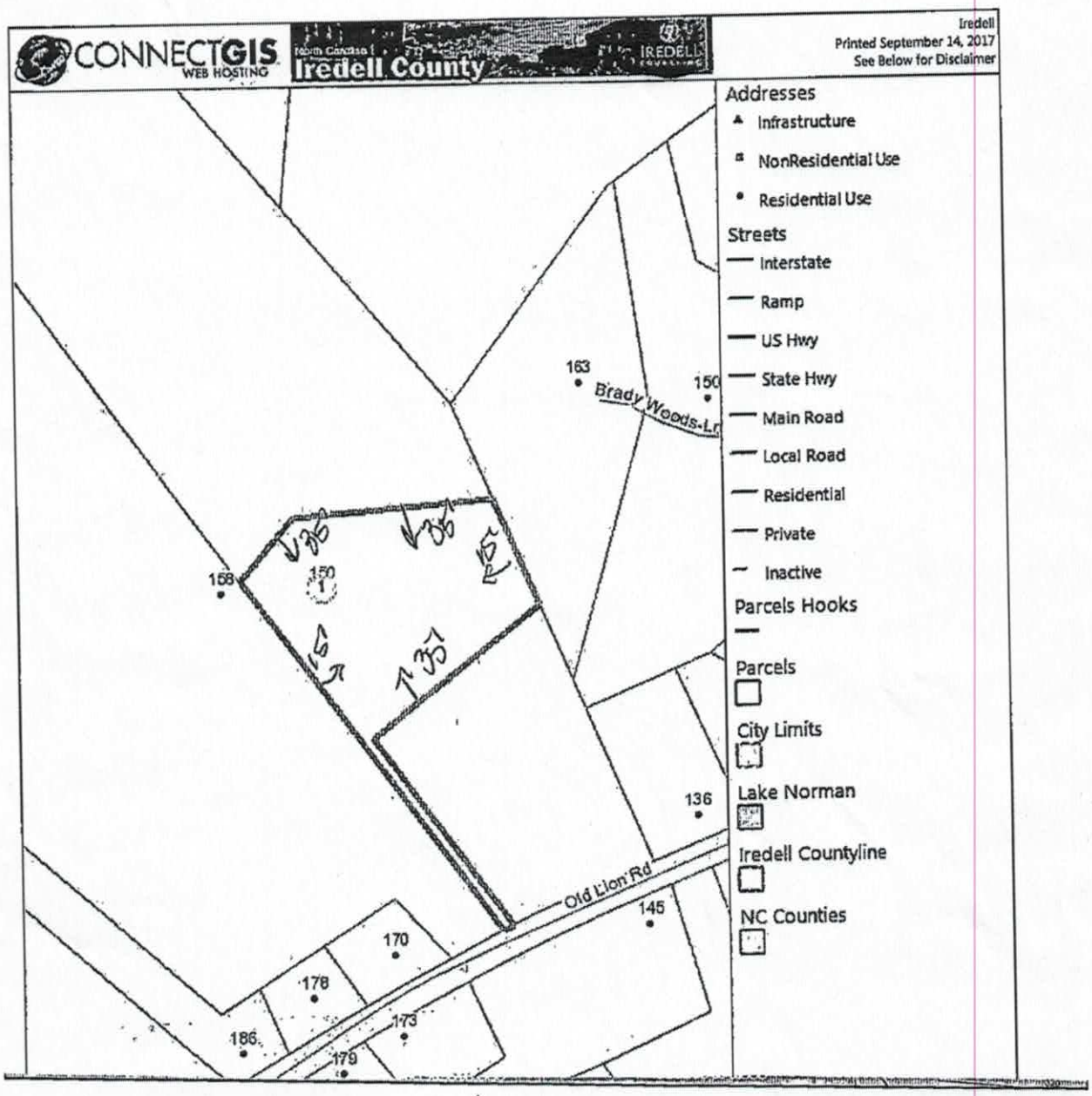
Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
9.975	35.00	35.00	15.00	15.00	CALS	X

Remarks:

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	115187	TOTAL FEES:	$ 77.25



Property Address 150 Old Lion

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.

Kimberly Snead
Applicant

9-14-17
Date