IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 234042

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

PIN # 4711653501

APPLICANT/OWNER: Michael Johnson APPLICANT ADDRESS: 162 Aztec Circle

SITE ADDRESS: 187 Braxton Dr. Statesville, NC 28677 PHONE: 704-576-3887 (Michael Athanas) ALT. PHONE

SITE DIRECTIONS: NC 115 N → L on Old Mountain → L on Buffalo Shoals → L on Pineville → R on Braxton → lot on L SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Pineville Road Estates SECTION: 3 LOT # 22 LOT AREA: .713 ac DESIGN FLOW: 360 gpd L.T.A.R.: .25 (.25 repair)

Septic Tank	1000 (gal)	STB	760	Date	3-6-19	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT		Date		System Description:	25% reduction
Pump Make		Model		Serial #		Repair System Description:	25% reduction
# Nitrification Fields	1	# Lines	3 @ 120'	Linear Ft	360'	Maintenance Agreement Required:	☐ YES ☑ NO
Trench Width	36"	Trench Bottom Depth (Low side)	27"/32" highside	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE

☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/ plumbing

No. Bedrooms 3 No. Persons 6 No. Employees ☑ Crawl Space

Water Supply: ☑ Private ☐ Public ☐ Community

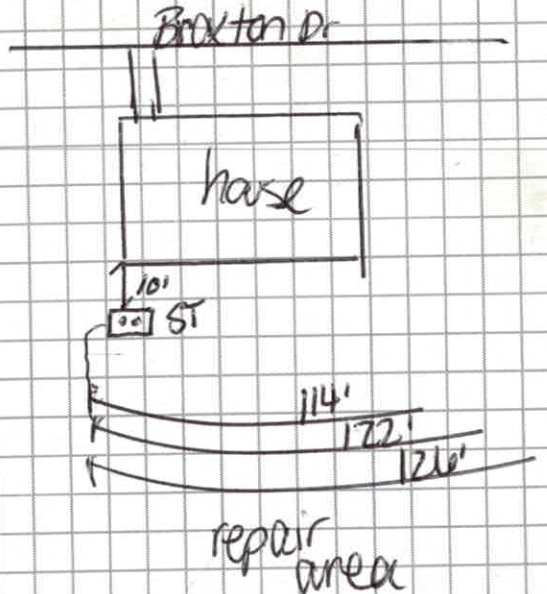
☐ Basement w/o plumbing

Comments / Conditions: If repair is needed trench bottom should be 18"-24". Install 25% reduction with serial distribution and drain lines on contour.

INITIAL SITE SKETCH

See attached site plan by Michael Athanas + Associates

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: Michael L Johnson Date: 3-27-18 Installed by: TB Grading

IMPROVEMENT PERMIT by: Kayla Wilson Date: 3-26-18 OPERATION PERMIT by: Carla C. Caul Date: 5-3-19

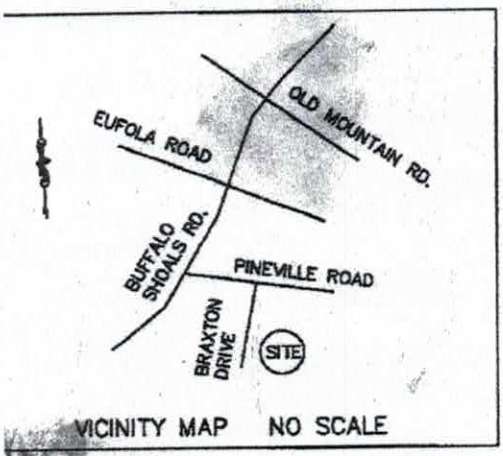
AUTHORIZATION TO CONSTRUCT by: Kayla Wilson Date: 3-26-18 Existing System Inspected by: Date:

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.

plat book 53, page 106, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C. my hand and seal on the 9, day of MARCH A.D. 20 18.

WILLIAM M. ALLEN, PLS

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



VICINITY MAP NO SCALE

PB. 53 PG. 106

ROY E. JONES
2529/1678

S18°17'31"W 155.11'

#4 REBAR

#4 REBAR

AB 1
Additional Repair Area

Pit 3
W6-120'
5' SETBACK
P5-122'
Pit 2 B4-133'
O3-120'
Pit 4
W2-120'
AB 2
Pit 1 P1-120'
15' SETBACK
ST
15' SETBACK
15'

LOT 22
0.71 AC.

LOT 13
D & D
ENTERPRISES
OF IREDELL, LLC.
1133/955
43/102

198.72'

(BASE BEARING)
S71°29'19"E

N71°27'29"W

LOT 23
BRYCE WILSON
2463/1239

199.31'

60'
House
65'

35' SETBACK

Drive

Install surface water diversion along P/L

Well

CONCRETE MONUMENT

(TIE ONLY)
S18°30'41"W R/W
620.00'

#4 REBAR

#4 REBAR R/W

155.00' N18°30'41"E

Culvert

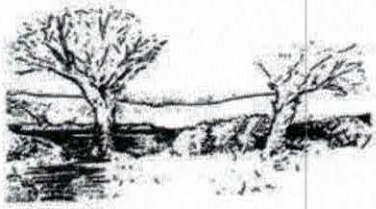
BRAXTON DRIVE
50' PUBLIC R/W

APPROVED MAR 26 2018
KW

0' 20' 40' 100'
SCALE IN FEET

LEGEND
P.P. = POWER POLE
POWER TRANS.
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for 187 Braxton Dr, Pineville Road Estates Lot 22
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms/Daily Flow: 3/360 GPD
Proposed LTAR: 0.25 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Gravity-End cap/Drop boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24-36" (initial), 18-24" (repair)

Line	Design Length	Actual Length
Pink 1	**120'**	**132'**
White 2	**120'**	**132'**
Orange 3	**120'**	**137'**
Blue 4		133'
Pink 5		122'
White 6		120'

Initial System: 360' **Repair System:** 375'

Comments:

APPROVED MAR 2 6 2018
KW



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see revised

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Pink 1	**120'**	**132'**
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Pink 5		122'
White 6		120'

Initial System: 360' **Repair System:** 375'

Comments:



PROPERTY ID #: 4711653501_
COUNTY: _Iredell____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: D + D Enterprises of Iredell LLC_____ APPLICATION DATE_____
ADDRESS: PO Box 252, Troutman, NC 28166_____ DATE EVALUATED: _____
PROPOSED FACILITY: _3 bdrm_____ PROPOSED DESIGN FLOW (.1949): _360 GPD____ PROPERTY SIZE: _0.713 AC_____
LOCATION OF SITE: 187 Braxton Dr, Pineville RD Estates Lot 22_____ PROPERTY RECORDED: _____
WATER SUPPLY: Ξ Private ☐ Public Ξ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: Ξ Auger Boring Ξ Pit ☐ Cut TYPE OF WASTEWATER: Ξ 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	
PIT 1	LS 12%	0-5	Br CL WSBK	FR SS SP SXP	Lithochromic Colors	60"	Few SAP	N/A	PS 0.3-0.25
		5-32	R C ABK	FR SS SP SXP					
		32-60	R CL WSBK	FR SS SP SXP					
PIT 2	LS 12%	0-8	Br SCL WSBK	FR SS SP SXP	Lithochromic Colors @ 42"	55"	N/A	N/A	PS 0.25-0.3
		8-32	R C ABK	FR SS SP SXP					
		32-55	R C WSBK	FR SS SP SXP					
PIT 3	LS 12%	0-14	RBr SCL WSBK	FR SS SP SXP	N/A	56"	Few SAP	N/A	PS 0.3
		14-42	R C SBK	FR SS SP SXP					
		42-56	R CL WSBK	FR SS SP SXP					
PIT 4	LS 12%	0-5	Br CL WSBK	FR SS SP SXP	N/A	52"	F-C SAP/WR	N/A	PS 0.3
		5-25	R C ABK	FR SS SP SXP					
		25-52	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1080 FT2	1125 FT2
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.25	0.25

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ____PS_____
EVALUATED BY: _____MA&A_____
OTHER(S) PRESENT: _____

COMMENTS: APPROVED MAR 2 6 2018 KW *pit 2 chroma 2 @ 40" *not lithochromic
repair trench bottom should be 15"-24"

SOIL/SITE EVALUATION

(Continuation Sheet)

APPROVED MAR 26 2018
KW

PROPERTY ID #: 4711653501
DATE OF EVALUATION:
COUNTY: IREDELL

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	
AB 1	LS 12%	0-6	Br SCL WSBK	FR SS SP SXP	F-C YB	48"	N/A	N/A	PS 0.25
		6-48	R C SBK	FR SS SP SXP					
AB 2	LS 12%	0-5	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		5-28	R C SBK	FR SS SP SXP					
		28-48	R CL WSBK	FR SS SP SXP					

COMMENTS:

RECEIVED MAR 12 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM Paid $350.00 #234042

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (X) 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: (X) 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: Michael Johnson **Address:** 162 Aztec Cir, Mooresville, NC **Zip:** 28117

Applicant Email: michael.l.johnson@lowes.com **Phone:** _____ **Alt. Phone:** _____

Owner Name: D+D Enterprises of Iredell LLC **Address:** PO Box 252, Troutman, NC **Zip:** 28166

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

Property Information:

Street Address: 187 Braxton Dr

Subdivision Name: Pineville Rd Estates **Section/Phase:** _____ **Lot Number:** 22

Driving Directions: Buffalo Shoals, TL Pineville, TR Braxton, near end on LT

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

CHECK FOUNDATION TYPE

(X) New Single Family Residence — Maximum Number of Bedrooms: 3 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: _____ — ( ) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____ — ( ) Basement without Plumbing
( ) 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: _____

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 (X) Other: Accepted

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: _____ 3/12/2018
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

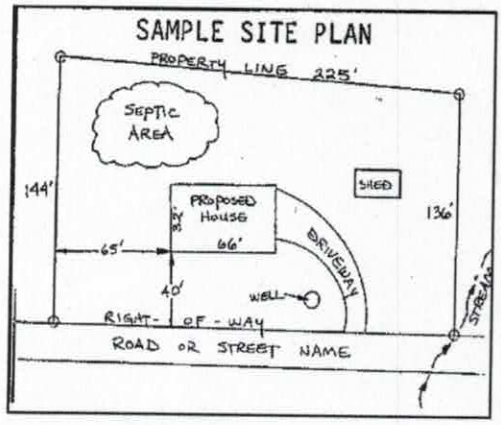
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

See Attached Plan

Signature: _____

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

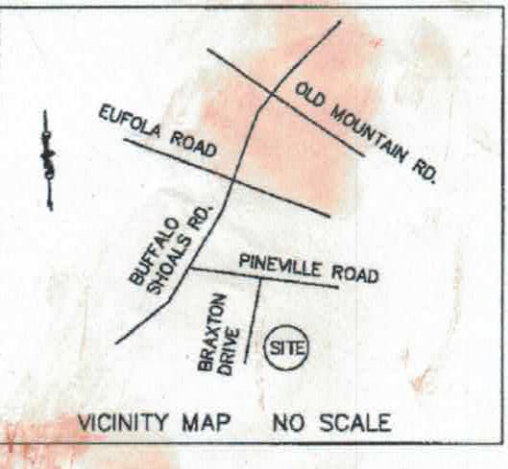
3/12/2018

DATE

plat book 53, page 106, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C. my hand and seal on the 9, day of MARCH A.D. 20 18.

WILLIAM M. ALLEN, PLS

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



VICINITY MAP NO SCALE

PB. 53 PG. 106

ROY E. JONES
2529/1678

S18°17'31"W 155.11'

#4 REBAR

#4 REBAR

AB 1
Additional Repair Area

W6-120' 35' SETBACK

Pit 3

P5-122'

Pit 2 B4-133'

O3-120'

Pit 4

W2-120'

AB 2

Pit 1 P1-120'

15' SETBACK

ST

15' SETBACK

15'

N71°27'29"W

198.72'

LOT 13
D & D
ENTERPRISES
OF IREDELL, LLC.
1133/955
43/102

LOT 22
0.71 AC.

LOT 23
BRYCE WILSON
2463/1239

(BASE BEARING)
S71°29'19"E

60'

House

65'

35' SETBACK

Drive

199.31'

Install surface water diversion along P/L

CONCRETE MONUMENT

(TIE ONLY)
S18°30'41"W R/W
620.00'

#4 REBAR

Well

#4 REBAR

R/W

155.00' N18°30'41"E

Culvert

BRAXTON DRIVE
50' PUBLIC R/W

APPROVED MAR 26 2018
KW

0' 20' 40' 100'

SCALE IN FEET

NOTES

1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD

LEGEND

= P.P. = POWER POLE

= POWER TRANS.

E.I.P. = EXISTING IRON FOUND

I.P.S. = #4 REBAR SET

The Quail Valley

2,057 Living Area 3 Bedroom / 2.5 Bath

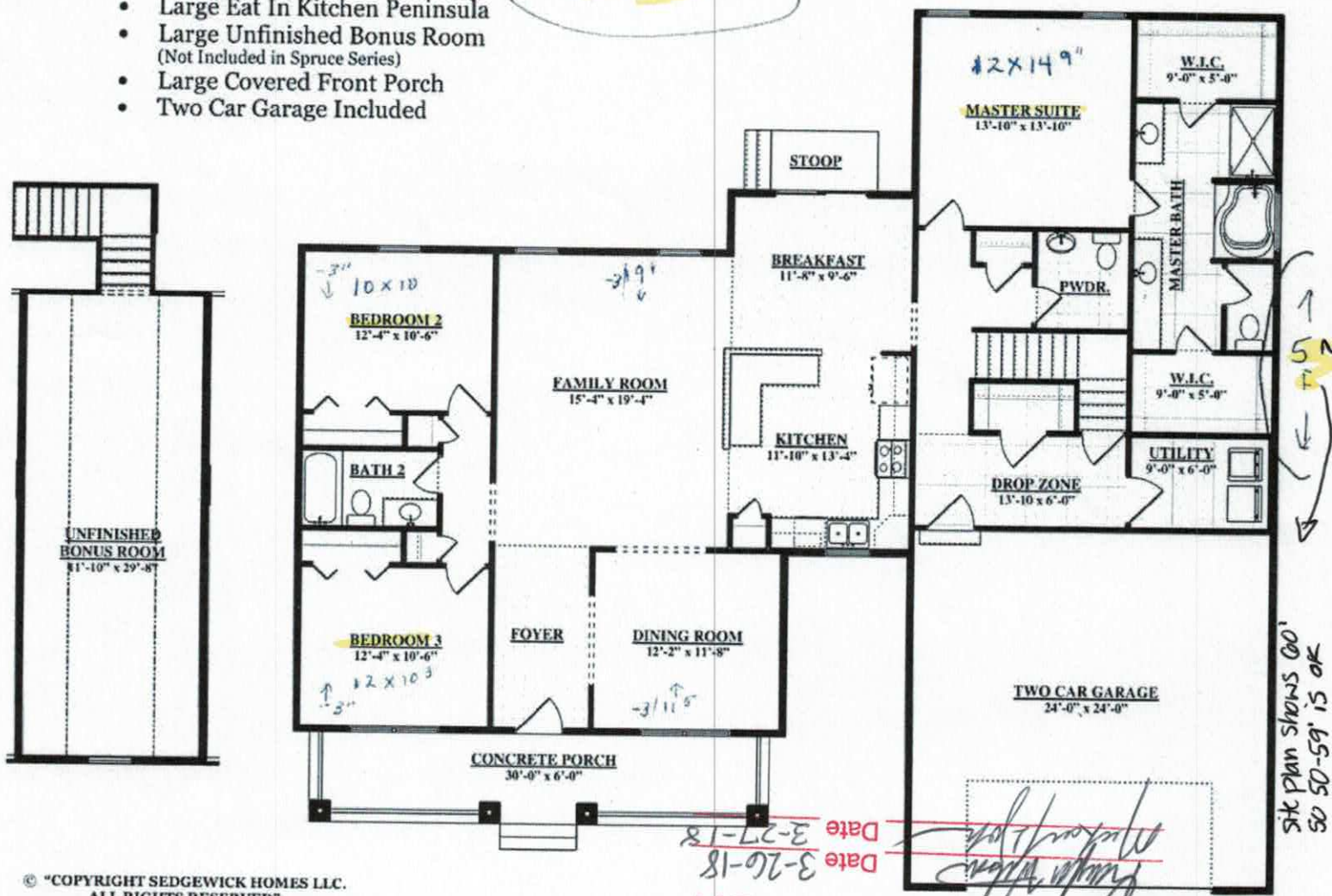
SEDGEWICK HOMES

Features

- Spacious Master Bedroom
- Garden Tub in Master Bath
- His and Hers Walk In Closets
- Generous Family Room
- Spacious Kitchen w/Ample Counter Space
- Large Eat In Kitchen Peninsula
- Large Unfinished Bonus Room (Not Included in Spruce Series)
- Large Covered Front Porch
- Two Car Garage Included

The Oak Elevation Floor Plan

Please see Sales Agent for Floor Plan Differences.



Date 3-27-18

Date 3-20-18

Plans Submittal ONLY!

These drawings are for illustration purposes only. All dimensions are approximate and elevations may reflect optional features and colors. Square footage may vary by elevation.

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ACCREDITED BUSINESS BBB NAHB EQUAL HOUSING OPPORTUNITY

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Toll Free: 1-877-358-9199 www.sedgewickhomes.com

IREDELL COUNTY

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

APPLICATION NUMBER
234042
Issue Date: 03/12/2018

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4711653501.000	187 BRAXTON DRIVE, STATESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: D+D ENTERPRISES OF IREDELL LLC	Applicant: MICHAEL ATHANAS & ASSO
Address: PO BOX 252	Address: 561 ENNIS RD
TROUTMAN, NC 28166	WEDDINGTON, NC 28173
Phone:	Phone: 704-576-3887

Use Requested	Zone Code
SFD	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.713	35.00	35.00	15.00	15.00	PACL	X

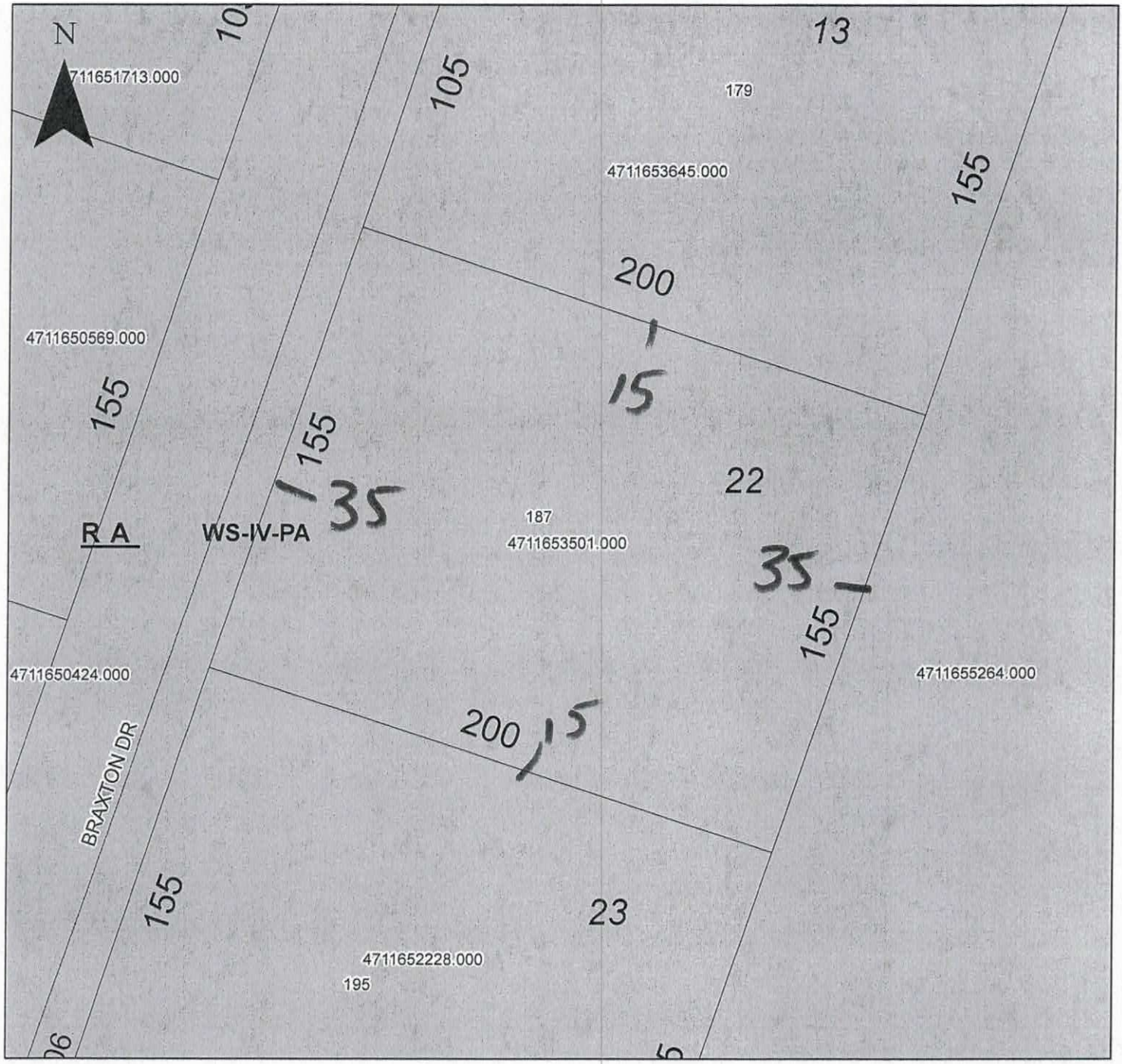
Remarks:

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	131636	TOTAL FEES:	$ 77.25

ZONING DISCLAIMER



Property Address 187 Braxton 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

3/12/2018
Date