IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 227813

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

PIN # 4638076500.000

APPLICANT/OWNER: Grande Homes Co. APPLICANT ADDRESS: 555 Delburg St. Davidson 28036

SITE ADDRESS: 198 Broadview Circle - Mrsvl. PHONE: (704) 400-1710 ALT. PHONE —

SITE DIRECTIONS: Travel west on 150 to a right onto Perth Rd, left onto Fern Hill Rd to Broadview Circle (corner lot) SAP CONTROLLED: ☐ YES ☒ NO

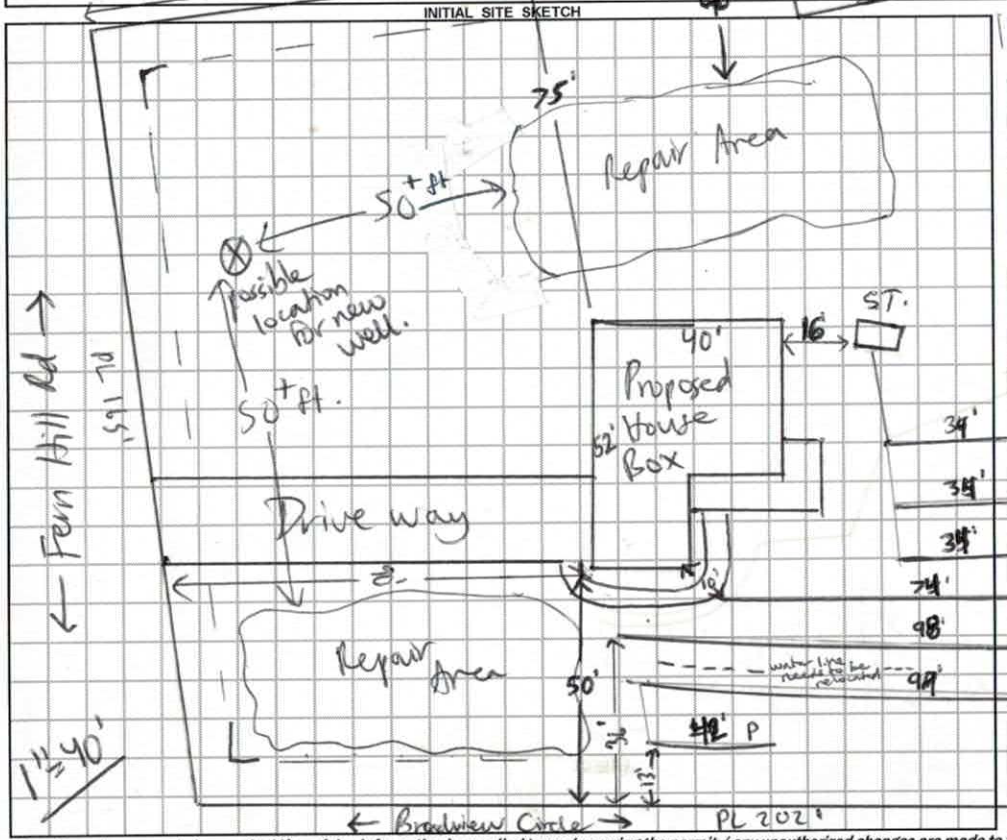
SUBDIVISION: Broadview Loop SECTION: — LOT # 10 LOT AREA: 0.82 Acres DESIGN FLOW: 480GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	825	Date	8-20-17	☒ 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:	50% reduction			
# Nitrification Fields	1	# Lines	7		Linear Ft	400	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Trench Bottom Depth(Low side)			32"		Gravel Depth	—	☒ GRAVITY	☐ PRESSURE	

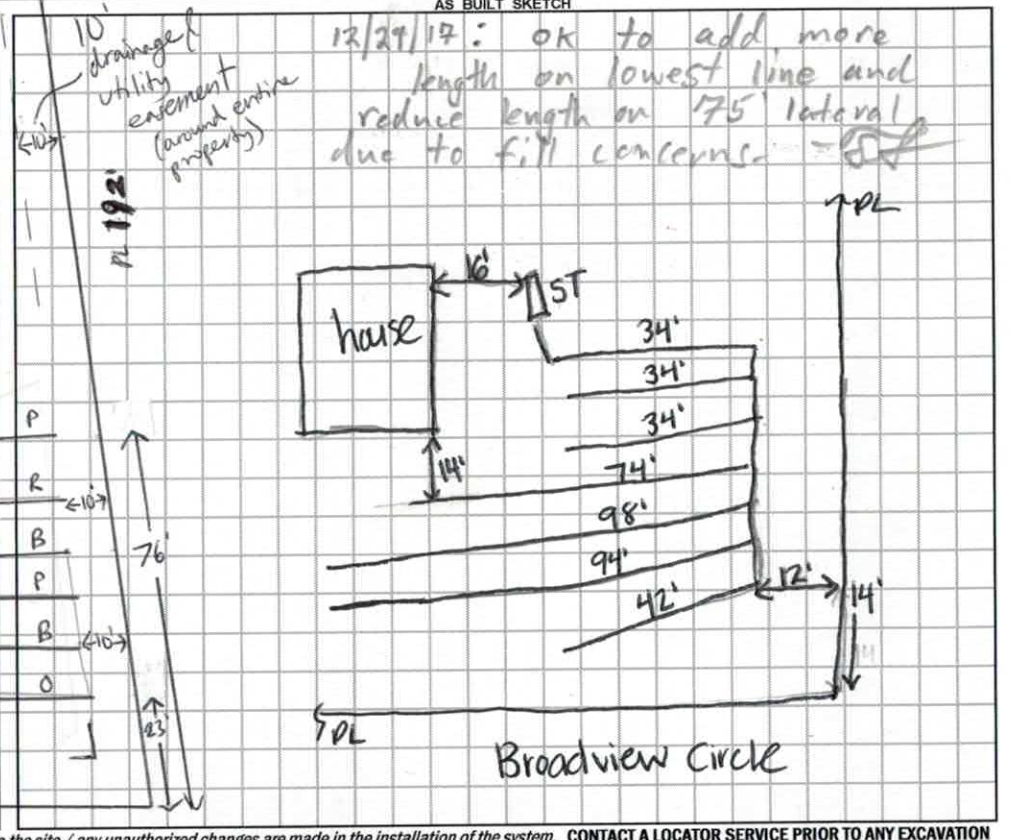
☒ Residence	No. Bedrooms	4	Water Supply
☐ Business	No. Persons	8	☒ Private
☐ Other	No. Employees	—	☐ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: Install on contour of the land. Water line must be relocated before septic installation.

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: [signature] Date: 6/21/17 Installed by: Joe Thompson

IMPROVEMENT PERMIT by: Mohamed Dumarieh Date: 6/19/2017 OPERATION PERMIT by: Kayla Watson Date: 1-9-18

AUTHORIZATION TO CONSTRUCT by: Mohamed Dumarieh Date: 6/21/2017 Existing System Inspected by: — Date: —

DHHS

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4638076500.000
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Grande Homes Co APPLICATION DATE: 5/22/2017
ADDRESS: 555 Delburn St Davidson 28036 DATE EVALUATED: 6/14/2017
PROPOSED FACILITY: 4BR House PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: 0.32 acres
LOCATION OF SITE: 193 Broadview Circle PROPERTY RECORDED: yes
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

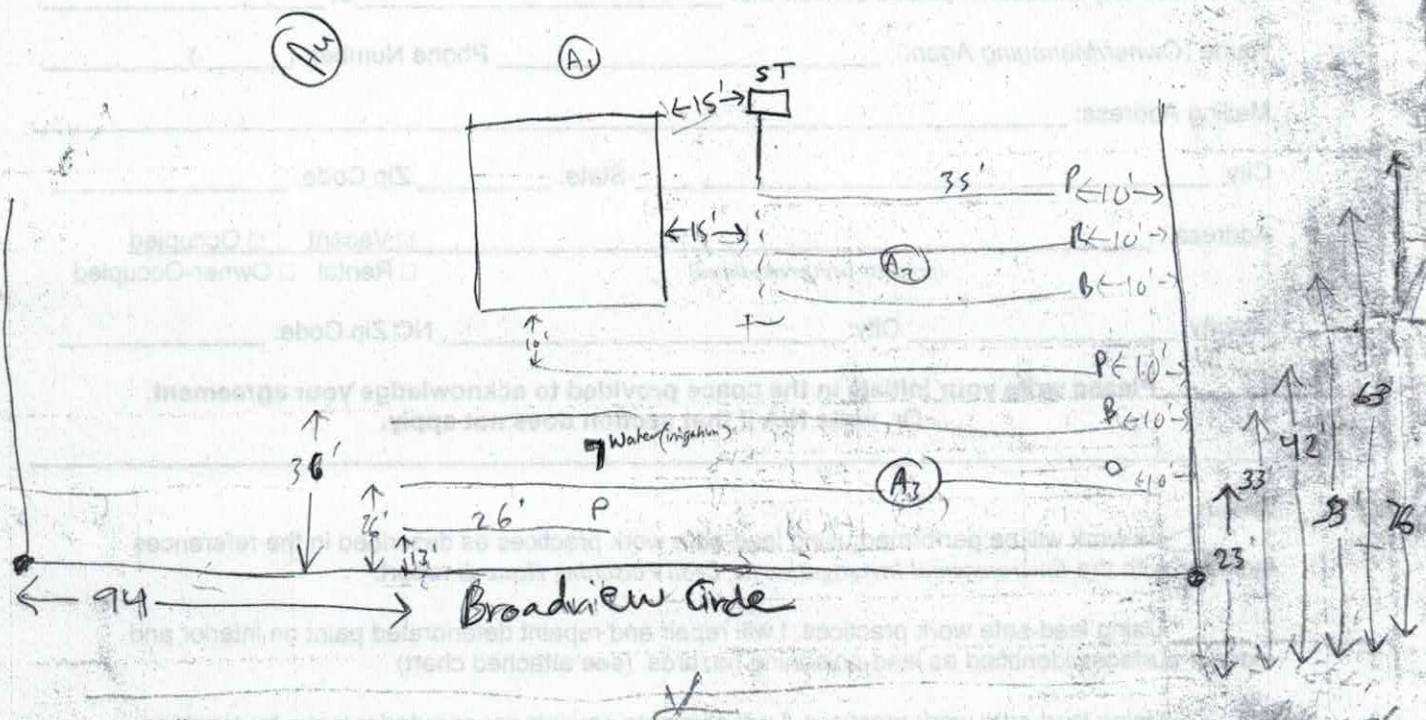
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1 repair	11% L	0-12	Blocky SCL	FR SS SP Scrp	—	48	—	—	0.3 PS
		12-35	Blocky C	FR SS SP Scrp					
		35-48	Blocky w/ Clay Loam	FR SC SP Scrp					
2 Initial	11% L	0-8	Blocky SCL	FR SS SP Scrp	—	48	—	—	0.3 PS
		8-26	Blocky C	FR SS SP Scrp					
		26-48	Blocky CL	FR SS SP Scrp					
3 Initial	8% L	0-8	Blocky SCL	FR SS SP Scrp	—	48	—	—	0.3 PS
		8-28	Blocky C	FR SS SP Scrp					
		28-48	Blocky CL	FR SC SP Scrp					
4 repair	9% L	0-7	Blocky SCL	FR SS SP Scrp	—	42	—	—	0.3 PS
		7-30	Blocky C	FR SS SP Scrp					
		30-42	Blocky CL	FR SS SP Scrp					
		42-48	Loamy Sap	VFR Scrp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400 Linear Feet	250+ Ft.
System Type(s)	25% reduction	50% reduction
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): /
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Mohamed Rumaich
OTHER(S) PRESENT:

COMMENTS:

400' Gravity
25% reduction
0.3 LTAR



6'9.5" 6'2.5" 5'0.4" 4'0.3" 8'1.6" 7'1.5" 6'1.6"

P O B P B R P

26' 97' 99' 75' 35' 35' 35'

255'

* = layer removed

RECEIVED JUN 8 - 2017

227813
Paid $500.00

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAGE 1: *APPLICATION FORM*

Application For: (X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) 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: ( ) 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:

Applicant Name: Grande Homes Co. **Address:** 555 Delburg St. Davidson 28036 **Phone:** 704 400 1710

Owner Name: _____ **Address:** _____ **Phone:** _____

Property Information:

• pool not marked. will be mark #7 • what is PLS #304 two stakes w/ wood w/ orange ribbon
sage ctr/cl — pink & blue ribbon is house
• property line dividing b/w 1241 neighb not present

Street Address: 198 Broadview Circle

Subdivision Name: Broadview Loop **Section/Phase:** _____ **Lot Number:** 10

Driving Directions: From intersection of I-77 + 150 travel west on 150 to a right onto Perth Rd, left onto Fern Hill Rd. to Broadview Circle Second entrance - corner lot

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

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
(✓) Swimming Pool
( ) Other Addition/Structure: _____

(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development:
Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

1241 is neighbor

Water Supply:

(✓) 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: _____ 5-22-17
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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, Ralph and Jill Passaro, am the legal owner(s) of the property located at 198 Broadview Circle Mooresville, NC 28078, identified as PIN (Parcel Identification Number) 4638-07-6520.000, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Matt McMullen, Grandelumes, 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
Ralph Passaro Jill Passaro	6-10-17	Cathy Millett	6/10/17

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 HEALTH DEPARTMENT

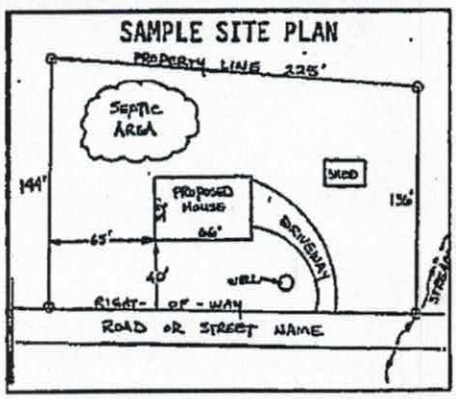
ENVIRONMENTAL HEALTH DIVISION

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:

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

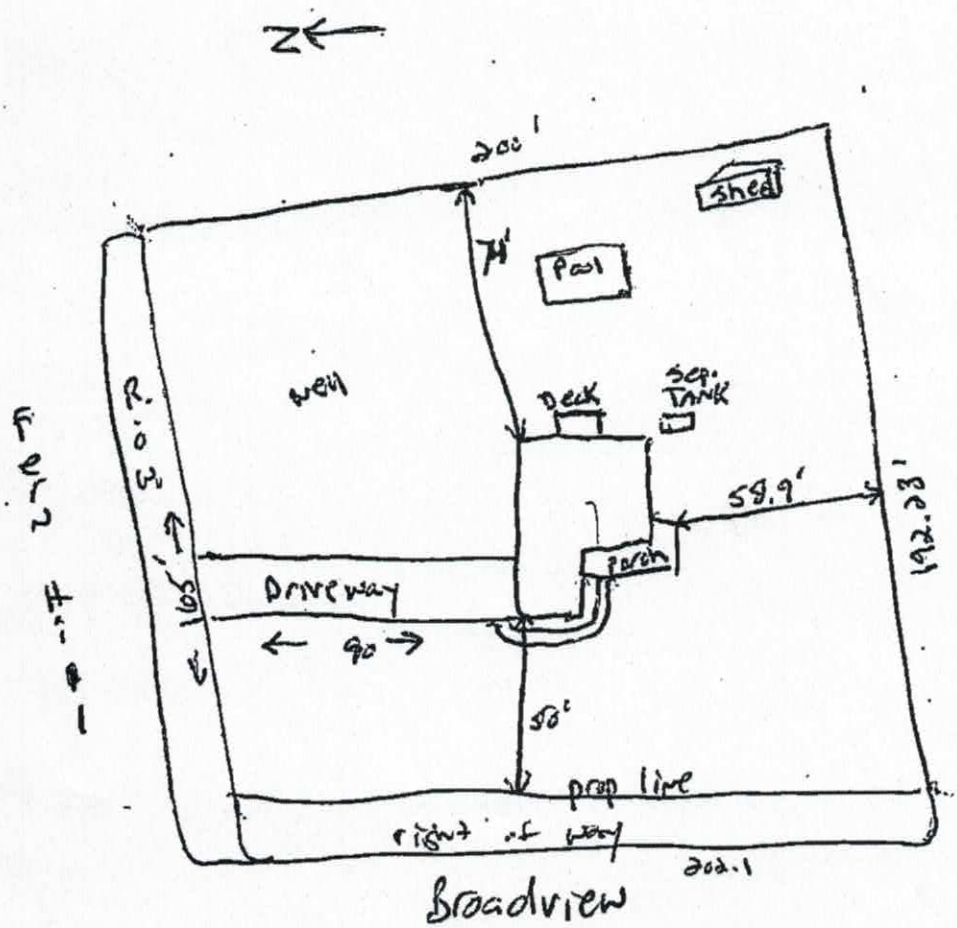


Circle N/A on the following if appropriate:

1. Location of septic systems and wells within 100' of your property N/A
2. Location of easements and rights of ways on your property N/A
3. 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: Ann Marie Lilley

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

6-8-17

DATE

PATTERSON LAND SURVEYING, P.A.

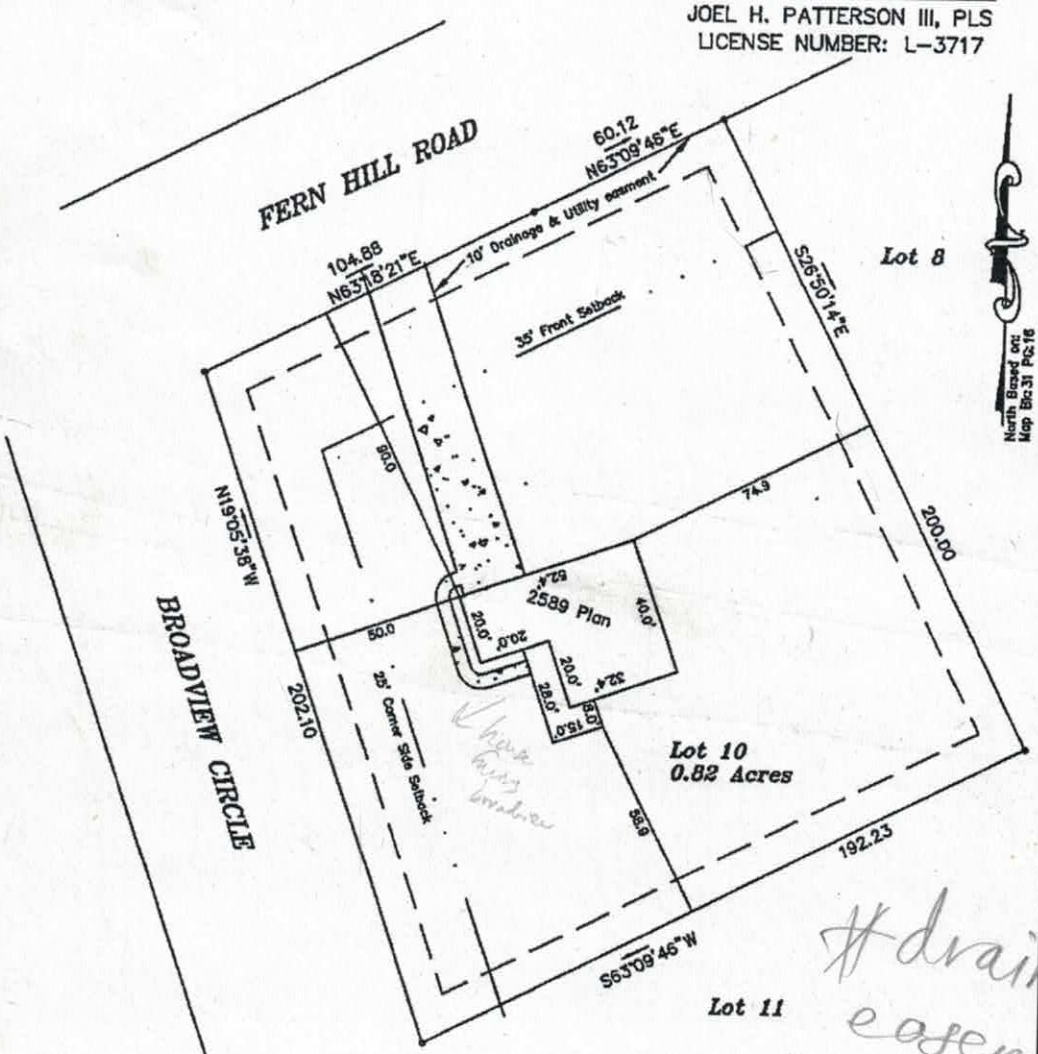
P.O. Box 5010, Mooresville, NC 28117 O-(704) 663-0110 M-(704) 361-0415

I Joel H. Patterson III, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description and/or Map Book 31, Page 16. That the boundaries not surveyed are clearly indicated as drawn from information as shown on survey; that the ratio of precision as calculated is 1: 10,000+ that this plat was prepared in accordance with G.S. 89-C as amended. Witness my original signature, registration number and seal this 31 day of May, A.D. 2016.

Revised: June 7, 2017

PRELIMINARY

JOEL H. PATTERSON III, PLS
LICENSE NUMBER: L-3717



1) This property may be subject to any Easements, Rights-of-way, and/or Restrictive Covenants.

2) Boundary information based on Map Book 38 at Page 16 as recorded with the Iredell County Register of Deeds.

3) This survey is of an existing parcel or parcels of land.

4) No N.C.G.S. or U.S.G.S. Monuments could be located within 2000'.

5) Area by coordinate method.

LEGEND

R/W = Right-of-way
I.P.S. = #4 Rebar Set
= Not to scale
= Telephone Pedestal
= Utility Pole
= Cable Pedestal
WM = Water Meter

FIELD BOOK:
FILE: 17049

TAX MAP NO: 4638076500

BOUNDARY SURVEY

OF

Lot 10 "BROADVIEW LOOP

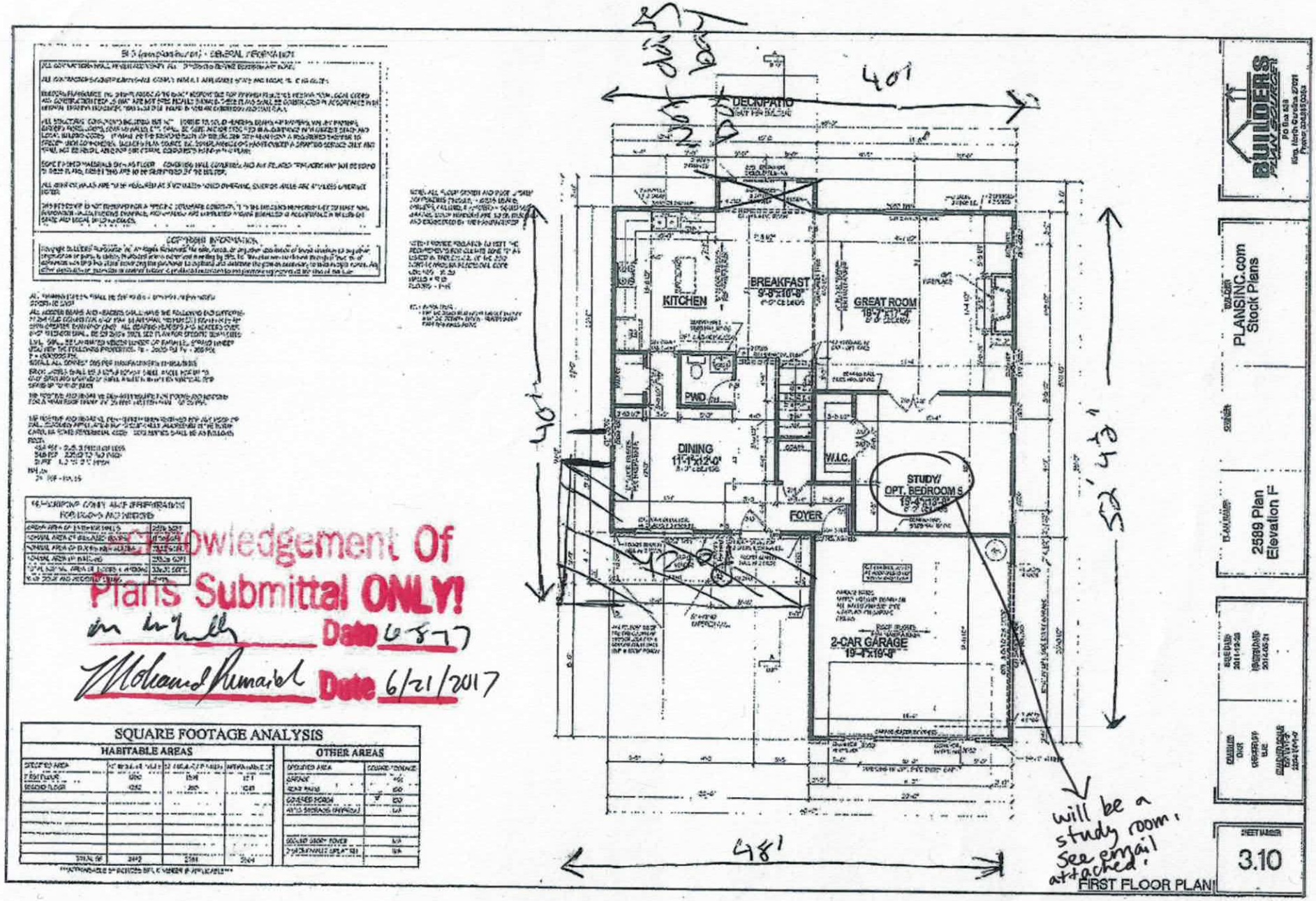
Davidson Twsp., Iredell Co., NC

SCALE 1" = 40'

ACQUIRED BY: GRANDA HOMES

drainage easement

* look at neighbors septic!



Acknowledgement Of Plans Submittal ONLY!

Date 6-8-17

Date 6/21/2017

SQUARE FOOTAGE ANALYSIS

HABITABLE AREAS				OTHER AREAS	
SPECIFIED AREA	AC WALL AREA	AC HEATED AREA	INTERIOR SQ FT	SPECIFIED AREA	SQUARE FOOTAGE
FIRST FLOOR	1200	1044	1211	GARAGE	456
SECOND FLOOR	1242	1200	1241	REAR PATIO	120
				COVERED PORCH	120
				ATTIC STORAGE (UNFINISHED)	N/A
				SECOND STORY FOYER	N/A
				2 STORY FOYER SPACE	N/A
TOTAL SF	2442	2244	2452		

BUILDERS PLAN SOURCE
PO Box 553
Elon, North Carolina 27244
Phone: (336)315-0363

PLANSINC.com
Stock Plans

2599 Plan
Elevation F

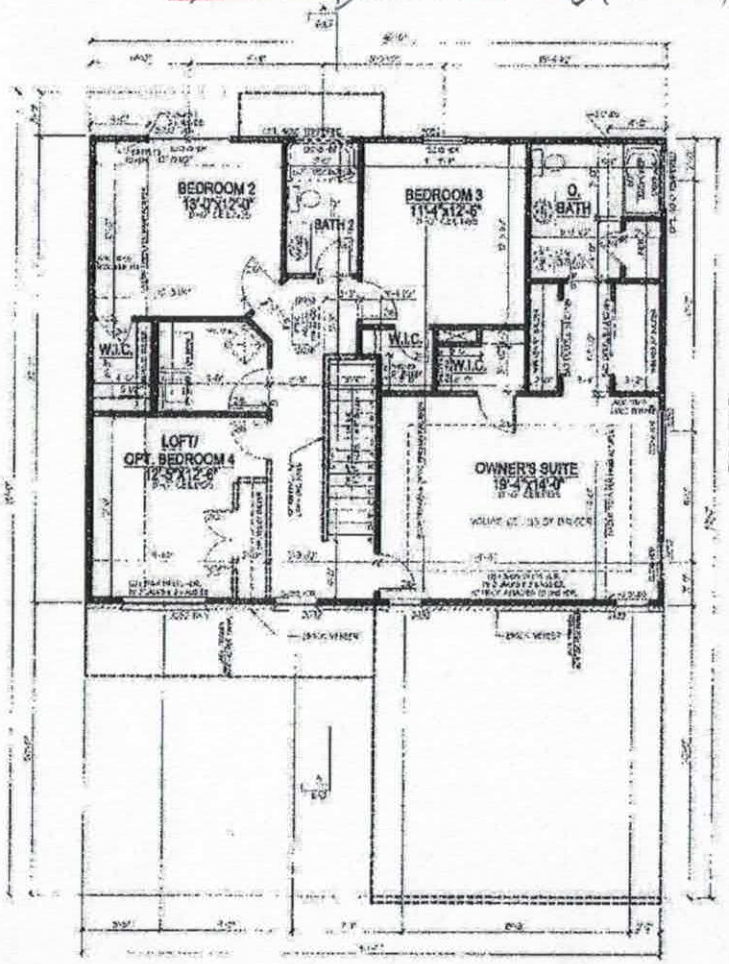
SHEET NUMBER
3.10

6/21/17

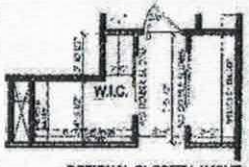
Acknowledgement of
Plans Submittal ONLY!

Date 6-21-17

Date 6/21/2017







PRESCRIPTIVE COMPLIANCE INFORMATION FOR DOORS AND WINDOWS	
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

SQUARE FOOTAGE ANALYSIS

HABITABLE AREAS				OTHER AREAS	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FIRST FLOOR	2041	2041	2041	GARAGE	403
SECOND FLOOR	1280	1280	1280	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL SF	3321	3321	3321		

BUILDERS PLAN SOURCE
PO Box 848
King, North Carolina 27021
Phone: (336) 985-5483

BUILDER: PLANSINC.com Stock Plans

OWNER:

PLAN NAME: 2589 Plan Elevation F

ISSUE DATE: 2011-12-29
REVISION DATE: 2014-05-01

DRAWN BY:
CHECKED BY:
STANDARD SCALE: NOT TO SCALE

SHEET NUMBER: 4.10

SECOND FLOOR PLAN

Mohamed Dumarieh

From: Matt McMullen <grandehomes@icloud.com>
Sent: Tuesday, June 20, 2017 4:28 PM
To: Mohamed Dumarieh
Subject: 198 Broadview

Hello Mohamed,
This email is to clarify that the house I'm building at 198 Broadview Circle, Mooresville 28117 will be a 4BR house with the optional study on the 1st floor.
Matt McMullen
Grande Homes
Pres.

IREDELL COUNTY

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

APPLICATION NUMBER
227813
Issue Date: 06/08/2017

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4638076500.000	198 BROADVIEW CIRCLE, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: PASSARO RALPH+JILL	Applicant: GRANDE HOMES COMPANY
Address: 127 TEA OLIVE LANE MOORESVILLE, NC 28117	Address: 555 DELBURG STREET DAVIDSON, NC 28036
Phone:	Phone: 704-400-1710

Use Requested	Zone Code
	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.820	35.00	35.00	25.00	15.00	CACL	X

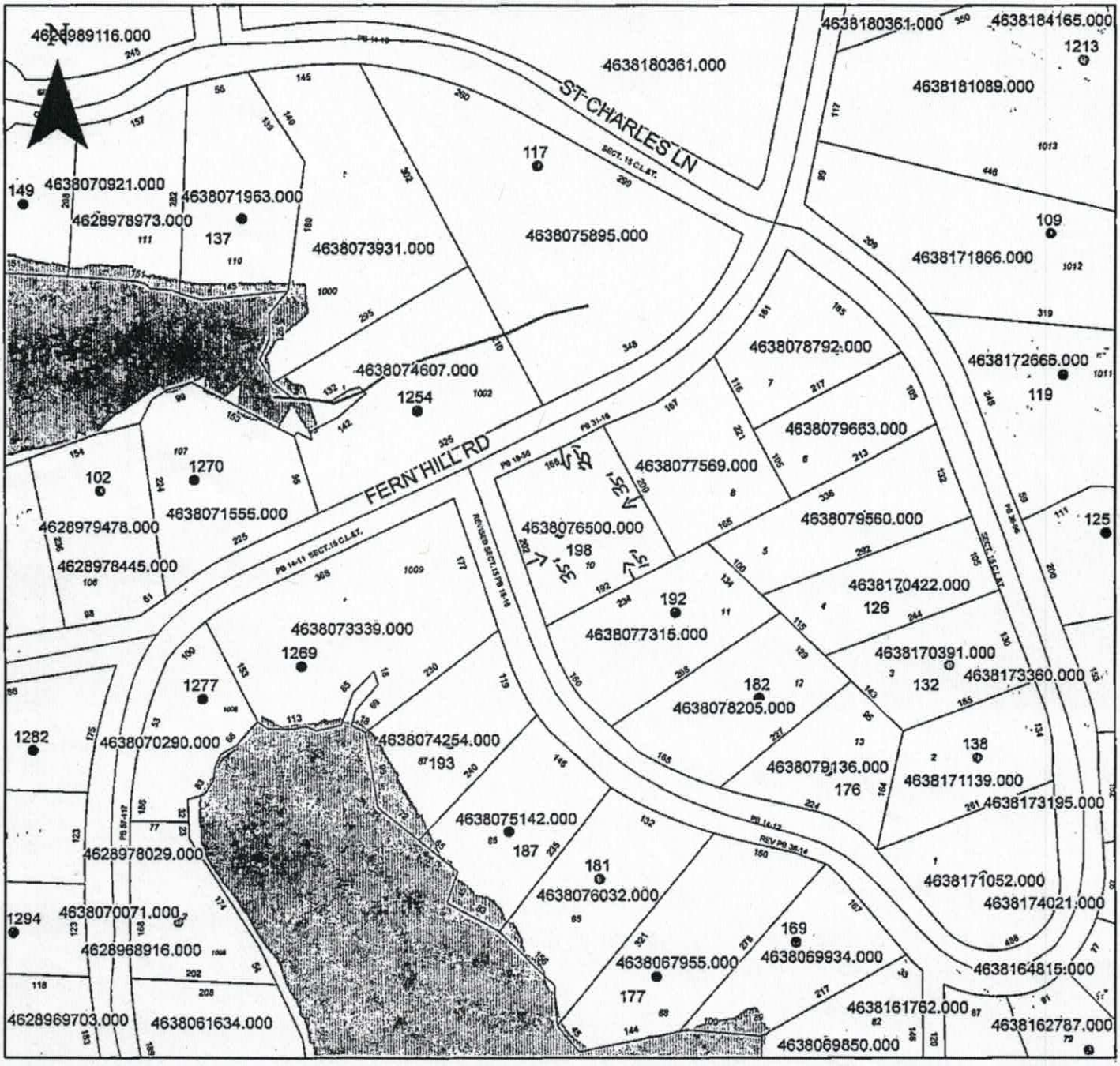
Remarks:

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	105438	TOTAL FEES:	$ 77.25

ZONING DISCLAIMER



Property Address 198 Broadview Cir

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

6-8-17

Date