IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 242239

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

PIN # 4715744371

APPLICANT/OWNER: Castlegate LLC APPLICANT ADDRESS: 7271 Long Island Rd Catawba NC

SITE ADDRESS: 110 Hatford Ct Statesville NC PHONE: 704-578-4951 ALT. PHONE N/A

SITE DIRECTIONS: Rt. On 64, Rt on 90W/ left onto Absher Farm Lp, left onto Staffordshire Dr, Rt onto Greythorn Dr, L on Hatford Ct SAP CONTROLLED: ☐ YES ■ NO

SUBDIVISION: Castlegate SECTION: 2 LOT # 57 LOT AREA: 0.46 ac DESIGN FLOW: 360 L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	825	Date	6-17-19			
Pump Tank		(gal)	PT		Date				
Pump Make		Model			Serial #				
# Nitrification Fields	1	# Lines	4		Linear Ft	300			
Trench Width	36"	Trench Bottom Depth(High Side)		24"	Gravel Depth	N/A			

■ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: 25% Reduction

Repair System Description: LPPBPPS

Maintenance Agreement Required: ☐ YES ■ NO

■ GRAVITY ☐ PRESSURE

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

No. Bedrooms 3 No. Persons 6 No. Employees

■ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☐ Private ■ Public ☐ Community

Comments / Conditions: Per plan By The Oaks Group, PA

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11.(c) of SL 2018-114 using the signed and sealed LSS Evaluation attached here.

See plan by:The Oaks Group, PA

AS BUILT SKETCH

See attached design with note.

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: Kathleen Saunders Date: 2019

IMPROVEMENT PERMIT by: Date: 02/18/19

AUTHORIZATION TO CONSTRUCT by: Date: 02/18/19

Installed by: Kevin - Rowan Septic

OPERATION PERMIT by: Carla C. Carr Date: 8-6-19

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.

Notes:

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

2) Boundary information based on Map Book: 54 at Page: 98-100 as recorded in the Iredell County Register of Deeds.

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

4) Area by coordinate method.

5) This survey is of an existing parcel of land.

Legend

R/W = Right-
I.P.S. = #4 Re
B.O.C. = Back
= Not to
= Telepho
= Utility
= Cable
= Calcula

P.B. 54, Pg. 98

Repair = 220'

N/F
Coleman Absher
DB 796 pg 773

N08°01'47"E 100.00

10' Utility And Storm Drainage Easement

35' Setback

Lot 57
20,085 Sq.Ft.
0.46 Acres

Lot 58
MB 54 PG 99

N81°59'14"W 200.87

15' Setback

S81°59'14"E 200.84

Lot 56
MB 54 PG 99

82'
82'
82'
82'
Install line
rng hts -

15'

70'

35' Setback

35

Drive

10' Utility And Storm Drainage Easement

S08°00'46"W 100.00

Hatford Ct.
50' Public R/W

GRAPHIC SCALE

50 0 25 50 100 200

Carla Cave

From: Kathleen Saunders <kathleenmsaunders@gmail.com>
Sent: Monday, August 5, 2019 8:16 PM
To: Carla Cave
Subject: Re: 110 Hatford Ct

I'm good with these changes. Thanks!

Kat

Sent from my iPhone

On Aug 5, 2019, at 4:14 PM, Carla Cave <carla.cave@co.iredell.nc.us> wrote:

> Hi Kathleen,
>
> I wanted to let know you that I did the final inspection on this lot (Castlegate lot 57) on Friday and the line lengths were slightly different from your design.
>
> Originally permitted were an 85, 85, 90, and 40 ft lines. Installed were an 82, 82, 82, and 54 ft lines. All setbacks were met, there is room for repair, and trench depth was not exceeded. Since this was permitted through SL 2018-114 I wanted to make sure you were okay with this change.
>
> Thanks!
>
> **Carla C. Cave**
> Environmental Health Specialist
> On-Site Water Protection Program
> Iredell County Public Health Department
> 349 North Center Street
> Statesville, NC 28677
> (704) 883-4144 Mobile
> (704)871-3483 Fax
>
> **https://www.co.iredell.nc.us/214/Environmental-Health**
>
> <image001.png> <image003.jpg>

Pursuant to North Carolina General Statues Chapter 132, Public Records, this electronic mail message and any attachments hereto, as well as any electronic mail messages that may be sent in response to it may be considered public record and as such are subject to request and review by anyone at any time. Also, the information contained in this message may be privileged and confidential. We will withhold confidential correspondences that are tagged as "Confidential" from public record requests. If this e-mail contains protected health information or personal identifying information, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited, except as permitted by law. If you have received this communication in error, please notify the sender immediately by replying to this message and deleting it from your computer. Thank You

THE OAKS GROUP, PA

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

RE: 110 Hatford Ct

Date: February 14, 2019

Attached is the septic specification information required to permit 110 Hatford Ct for an Improvement Permit and/or Construction Authorization Permit in Iredell County via the Session Law 14 permitting process.

The attached information is not an Improvement Permit or an Authorization to Construct, and is only to assist the Iredell with permitting. The ICHD has to approve each lot and only the MCHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC Rules, which these specifications are in accordance with. If the ICHD wishes to change tank locations, distribution devices, etc they may do so at their discretion.

All information and specifications have been prepared in conjunction with ICHD permitting guidelines for the current lot owners to acquire an Improvement Permit and/or Authorization to Construct on this lot. It is ultimately the MCHD's responsibility to verify all specifications, **excluding** soil descriptions, before permitting and/or septic system installation.

The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c). The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 11.(c). The LSS Evaluation contains sufficient information to produce design and construction features for an IP/CA, and the LSS contains the proper insurance with the proper coverage.

LICENSED SOIL SCIENTIST
KATHLEEN M. SAUNDERS
1313
STATE OF NORTH CAROLINA

Kathleen Saunders

Lot 57 Castlegate Fast Track - The Oaks Group, PA

Number of Bedrooms	**3**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**360**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	4 (See Table)
Total Linear Feet	300
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth (High Side)	24"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	220
Repair Loading Rate	0.3

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Orange	LP PPBPS	60
2	System	Pink	25% Reduction	85 endfed
3	System	Red	25% Reduction	85 endfed
4	System	Blue	25% Reduction	90 endfed
5	Repair	Orange	LP PPBPS	85
6	Repair	Pink	LP PPBPS	75
7	System	Red	25% Reduction	40 endfed
				Total System: 300'
				Total Repair: 220'

Note: Keep necessary setbacks to foundation drains if used
Tank locations and distribution devices can be altered at ICHD's discretion

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

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: Iredell

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

OWNER: Castlegate LLC
ADDRESS: 7271 Long Island Rd Catawba NC
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: Lot 57 Castlegate
APPLICATION DATE ___
DATE EVALUATED: 2/2/19
PROPERTY SIZE: 0.46
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 5%	0-24	Mo SBK C	FR SS/SP	R	48+	N/A	N/A	0.3
		24-48	WK SBK CL	↓	R; C sap				
2	L 5%	0-18	Mo SBK C	FR SS/SP	R	37"	PS	N/A	0.3
		18-37	WK SBK CL	↓	R; F sap				
		37-55	MA LSAP	↓	Multi				
3	L 5%	0-28	Mo SBK C	FR SS/SP	R	49+	N/A	N/A	0.3
		28-49	WK SBK CL	↓	R; C sap				
4	L 5%	0-36	Mo SBK C	FR SS/SP	R	61+	N/A	N/A	0.3
		36-61	WK SBK CL	↓	R; C sap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	IIIg	IV
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): P
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: KAS
OTHER(S) PRESENT: ___

COMMENTS: Kathleen Saunders

LICENSED SOIL SCIENTIST
KATHLEEN M. SAUNDERS
THE GREAT SEAL OF THE STATE OF NORTH CAROLINA
1313
STATE OF NORTH CAROLINA

U The LSS evaluation attached is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).

#242239 RECEIVED FEB 14 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM $500.00 Session Law

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

Applicant Information: (PRINT CLEARLY)

Applicant Name: Castlegate LLC Address: 7271 Long Island Rd Catawba, NC Zip: _____

Applicant Email: _____ Phone: _____ Alt. Phone: _____

Owner Name: Same Address: _____ Zip: _____

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

Property Information:

Street Address: 110 Hatford Ct Statesville

Subdivision Name: Castlegate Section/Phase: _____ Lot Number: 57

Driving Directions: Rt 64, Rt 90, L Absher Farm Loop, L Staffordshire R Greythorn, L Hatford Ct, on R

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: 6
( ) 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: _____

( ) New Well ( ) Existing Well ( ) Community Well (X) 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 (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: Kathleen Sanders 2-13-19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

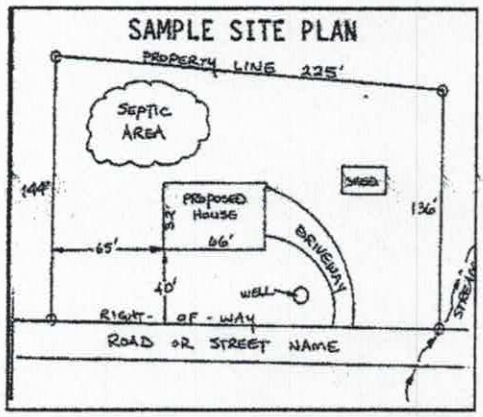
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

Please see attached

Signature: Kathleen Saunders

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

2-13-19

DATE

Notes:

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

2) Boundary information based on Map Book: 54 at Page: 98-100 as recorded in the Iredell County Register of Deeds.

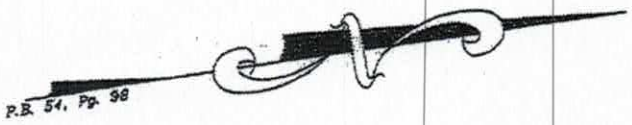
3) No N.C.G.S. or U.S.G.S. Monuments could be located within 2000'.

4) Area by coordinate method.

5) This survey is of an existing parcel of land.

Legend

R/W = Right-o
I.P.S. = #4 Reb
B.O.C. = Back
= Not to
= Telepho
= Utility F
= Cable P
= Calculat



N/F
Coleman Absher
DB 796 pg 773

N08°01'47"E 100.00

10' Utility And Storm Drainage Easement

35' Setback

Lot 57
20,085 Sq.Ft.
0.46 Acres

15' Setback

15' Setback

Lot 58
MB 54 PG 99

NB1°59'14"W 200.87

SB1°59'14"E 200.84

Lot 58
MB 54 PG 99

15'

35' Setback

35'

Drive

10' Utility And Storm Drainage Easement

S08°00'46"W 100.00

Hatford Ct.
50' Public R/W

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)

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, Ray Short, am the legal owner of the property located at 110 Hatford Ct, identified as PIN(Parcel Identification Number) 4715744371, located in Iredell County, North Carolina.

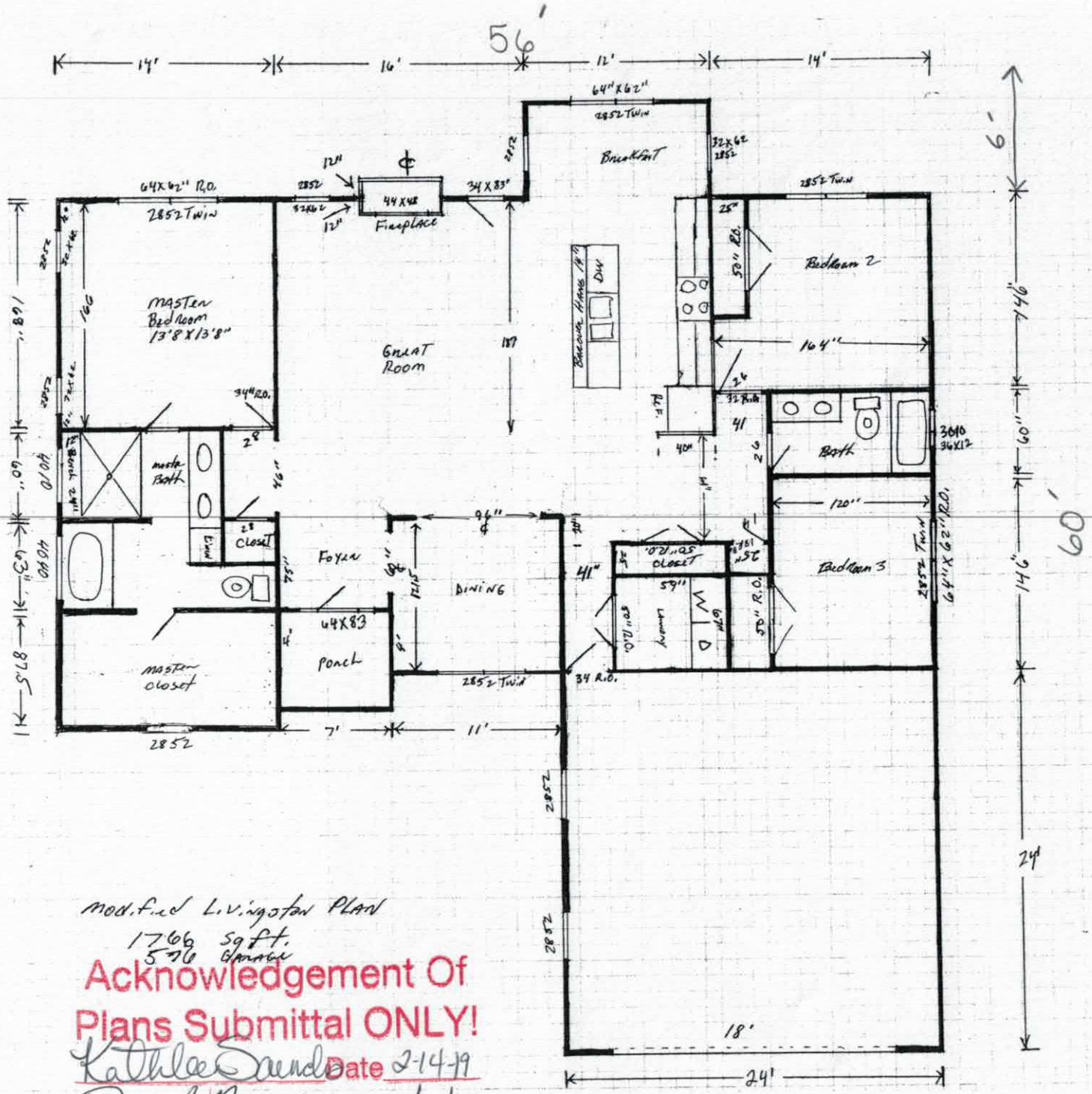
I do hereby authorize (print authorized agent/company name) The Oaks Group, _____, _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

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.

_____ 2-14-19
Signature of Owner Date

_____ _____
Signature of Witness Date



Modified Livingston Plan

1766 sqft.

576 Garage

Acknowledgement Of

Plans Submittal ONLY!

Kathleen Saunders Date 2-14-19

Date 2/18/19

IREDELL COUNTY

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

APPLICATION NUMBER
242239
Issue Date: 02/14/2019

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4715744371.000	110 HATFORD COURT, STATESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: CASTLEGATE LLC	Applicant: THE OAKS GROUP
Address: 282 SCOTTS CREEK RD	Address: 121 HOLT LN
STATESVILLE, NC 28625	MOORESVILLE, NC 28117
Phone:	Phone: 704-578-4951

Use Requested	Zone Code
SFD	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.460	35.00	35.00	15.00	15.00	NOT	X

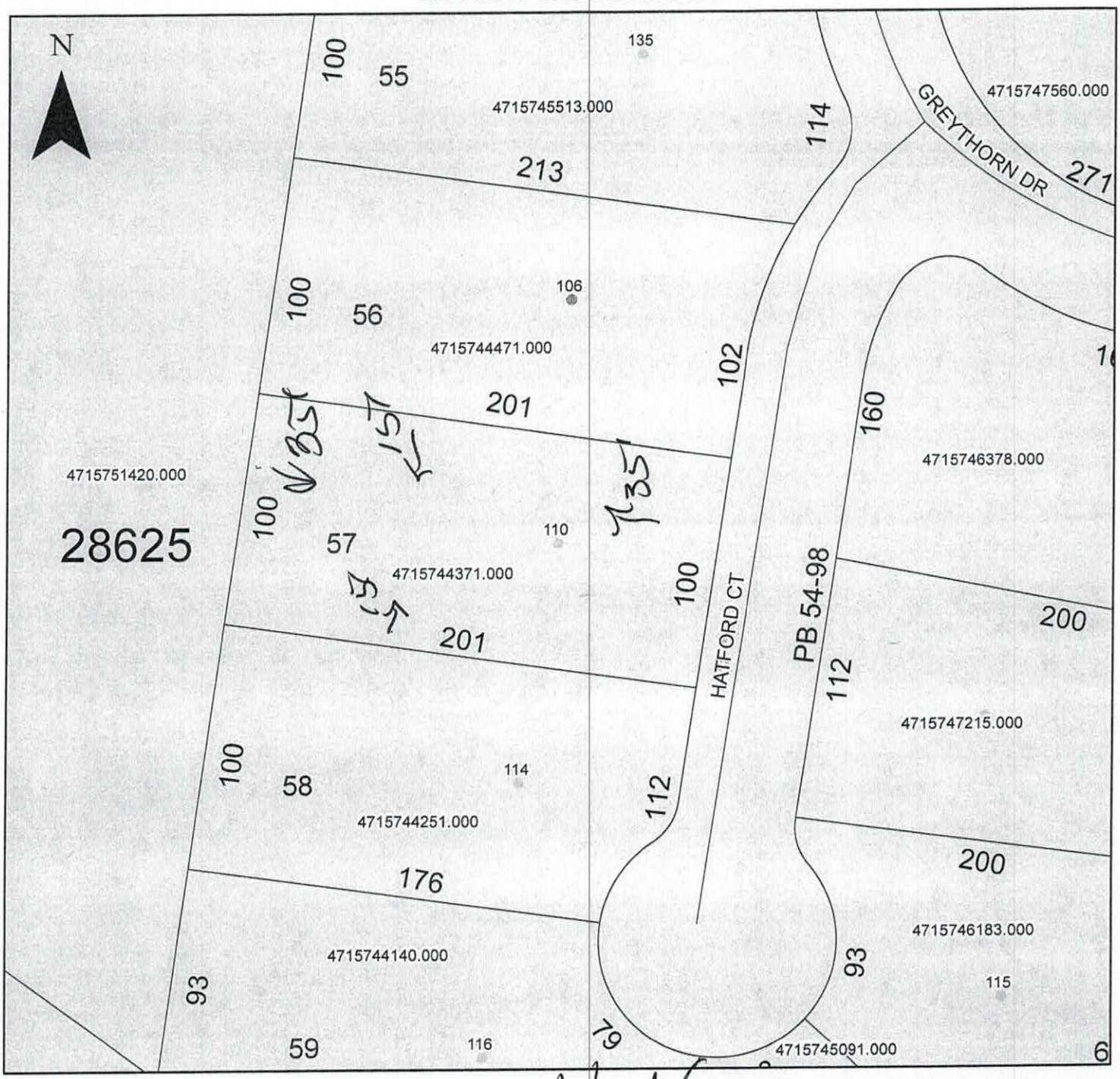
Remarks:

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	167701	TOTAL FEES:	$ 77.25

ZONING DISCLAIMER



Property Address 110 Hatford

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.

Kathleen Saunders

2-14-19

Date