IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 243184

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

PIN # 4715845658

APPLICANT/OWNER: THE OAKSGROUP/CASTLEGATE,LLC APPLICANT ADDRESS: 7271 LONG ISLAND ROAD, CATAWBA, NC 28609

SITE ADDRESS: 156 CASTLE PINES DRIVE, STATESVILLE, NC, 28625 PHONE: 704-578-4951 ALT. PHONE —

SITE DIRECTIONS: HIGHWAY 90 (W), (L) ON ABSHER FARM LOOP, (L) ON STAFFORDSHIRE, (L) ON CASTLE PINE, LOT ON (R)

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CASTLEGATE SECTION: — LOT # 109 LOT AREA: 0.65 DESIGN FLOW: 360 GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	825	Date	11-16-19	☑ 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:	50% REDUCTION PPBPS			
# Nitrification Fields	1		# Lines	3	Linear Ft	300	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 IN		Trench Bottom Depth(Low side)		28 IN	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE		

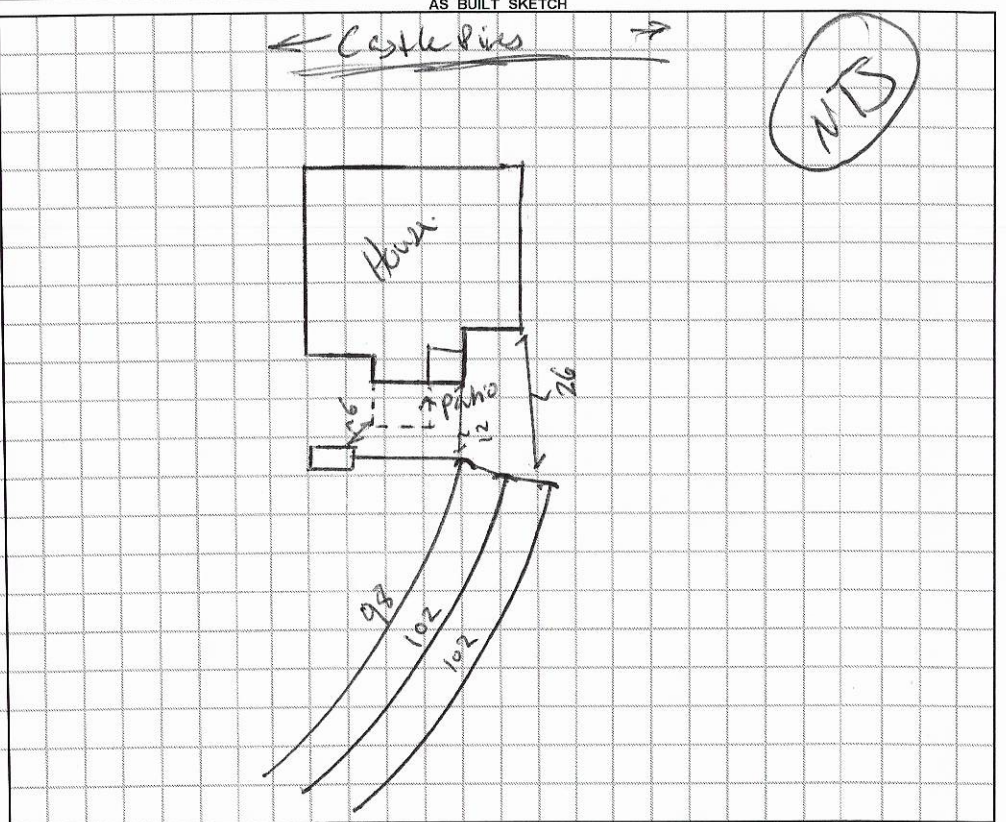
☑ Residence	No. Bedrooms	3	Water Supply
☐ Business	No. Persons	6	☐ Private
☐ Other	No. Employees		☑ Public
☐ Slab	☑ Crawl Space		☐ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, PERMIT IS NOT VALID IF SITE PLAN IS NOT ATTACHED AT ALL TIMES.

INITIAL SITE SKETCH

PLEASE SEE ATTACHED SITE PLAN FROM THE OAKS GROUP, PLLC (KATHLEEN SAUNDERS)

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: Kathleen Saunders Date: 8-5-19 Installed by: Rowan Septic Tank.

IMPROVEMENT PERMIT by: Burdett C. White Date: 5-3-2019 OPERATION PERMIT by: Benjamin K. Bolton Date: 1-16-2020

AUTHORIZATION TO CONSTRUCT by: Burdett C. White Date: 5-3-2019 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:

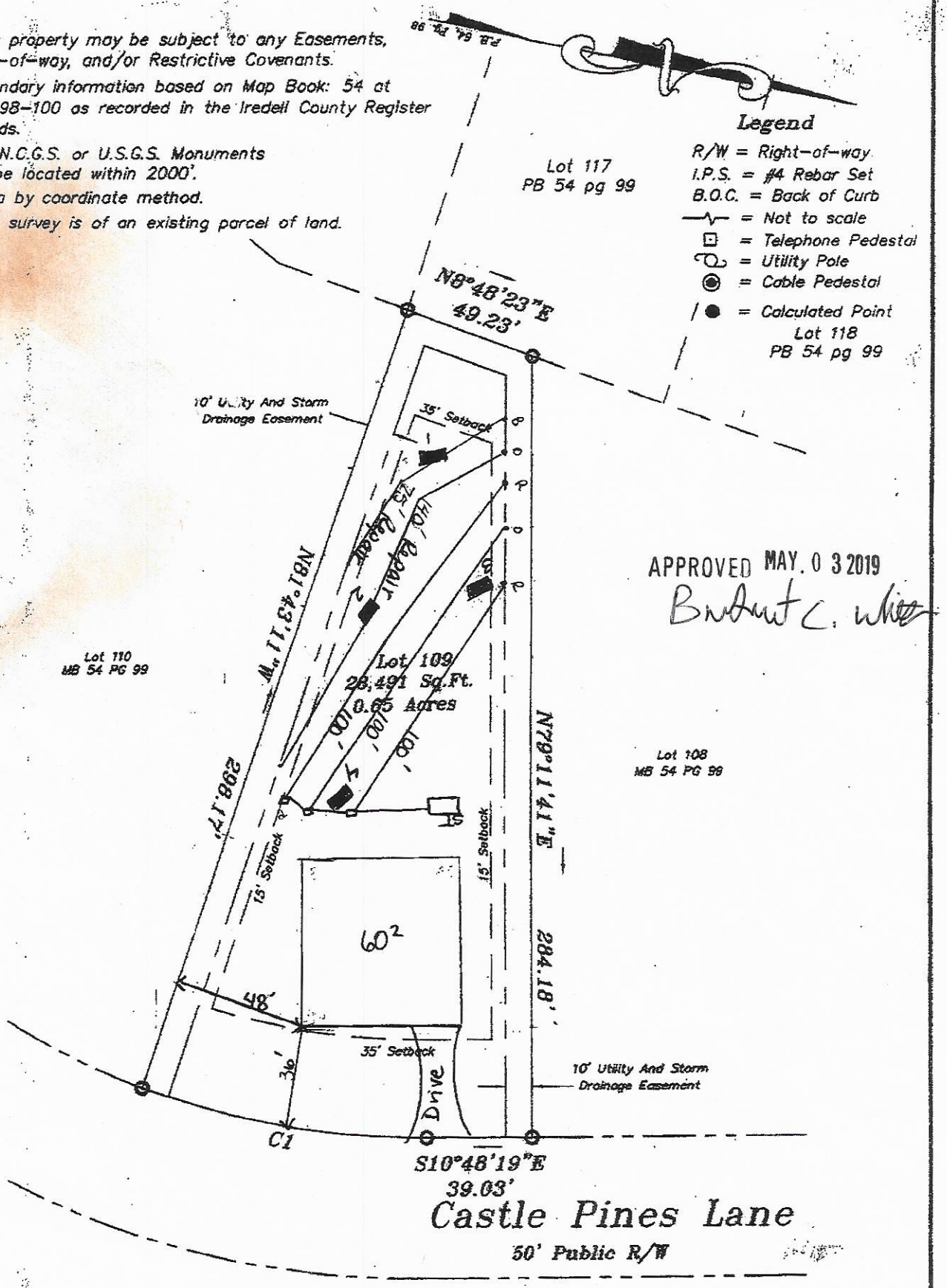
1) This property may be subject to any Easements, Rights-of-way, and/or Restrictive Covenants.

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.



APPROVED MAY. 0 3 2019

Brandt C. White

GRAPHIC SCALE

0 25 50 100

1 inch = 50 ft

Curve Table						
Curve #	Length	Radius	Tangent	Chord Bearing	Chord Dist	Delta
C1	107.11'	300.00	54.13	S00° 34' 38"E	106.54	020°27'21"

THE OAKS GROUP, PA

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

RE: 156 Castle Pines Dr

Date: March 20, 2019

Attached is the septic specification information required to permit 156 Castle Pines Dr for an Improvement Permit and/or Construction Authorization Permit in Iredell County via the Expedited Review Process.

The attached information is not an Improvement Permit or an Authorization to Construct, and is only to assist the ICHD with permitting. The ICHD has to approve each lot and only the ICHD 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 ICHD's responsibility to verify all specifications, including soil descriptions, before permitting and/or septic system installation.

APPROVED MAY 0 3 2019

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

Kathleen Saunders

Lot 109 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	3 (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)	30"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	215
Repair Loading Rate	0.3
Repair trench depth	30"

APPROVED MAY 0 3 2019

Burford L. White

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	System	Red	25% Reduction	100 endfed
2	System	Orange	25% Reduction	100 endfed
3	System	Red	25% Reduction	100 endfed
4	Repair	Orange	LP PPBPS	140
5	Repair	Blue	LP PPBPS	75
				Total System: 300'
				Total Repair: 215'

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

APPROVED MAY 0 3 2019
Brent C. Niles

Sheet ___ of ___
PROPERTY ID #:
COUNTY: Iredell

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

OWNER: Castlegate LLC
ADDRESS: 7270 Long Island Rd Catawba NC
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: Lot 109

APPLICATION DATE
DATE EVALUATED: 3/19/19
PROPERTY SIZE: 0.65
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L ~5%	0-20	Mo SBK CL	FR SS/SP	R	38"	PS	N/A	0.3
		20-38	WK SBK CL	↓	R yel; C sap				
		38-60	MA L sap	↓	multi				
2	L ~5%	0-15	Mo SBK C	FR SS/SP	R	34"	PS	N/A	0.3
		15-34	WK SBK CL	↓	R; C sap				
		34-55	MA L sap	↓	multi				
3	L ~5%	0-28	Mo SBK C	FR SS/SP	R	45"	PS	N/A	0.3
		28-45	WK SBK CL	↓	R; C sap				
		45-60	MA L sap	↓	multi				
4	L ~5%	0-20	Mo SBK CL	FR SS/SP	R	41"	PS	N/A	0.3
		20-41	WK SBK CL	↓	R; C sap				
		41-55	MA L sap	↓	multi				

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: KMS
OTHER(S) PRESENT:

COMMENTS:

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

Sheet 1 of 1
PROPERTY ID #: 4715845658
COUNTY: IREDELL

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

OWNER: CASTLEGATE, LLC
ADDRESS: 7271 LONG ISLAND ROAD, CATAWBA, NC 28609
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 156 CASTLE PINES DRIVE, STATESVILLE, NC 28625
APPLICATION DATE 3-18-19
DATE EVALUATED: 4-25-19
PROPERTY SIZE: 0.65 AC
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)		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	LINEAR SIDE 5%	0-26	C, ABK	FI, S, P, SEXP	SAP INC MICA	48"	PS II 2	NA	PS .3
		26-48	CL, WABK	FR, SS, SP, SEXP					
		48-60	SAP, MAS	FR, NS, NP, SEXP					
2	LINEAR SIDE 5%	0-22	C, ABK	FI, S, P, SEXP	SAP INC MICA	NA 53"+	NA	NA	PS .3
		22-53	CL, WABK	FI, SS, SP, SEXP					
3	LINEAR SIDE 5%	0-18	C, ABK	FI, S, P, SEXP	SAP INC MICA	60"	NA	NA	PS .3
		18-60	CL/WABK	FI, SS, SP, SEXP					
4	LINEAR SIDE 5%	0-30	C/ABK	FI, S, P, SEXP	SAP INC MICA	54"	NA	NA	PS .3
		30-54	CL/WABK	FI, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	~~0~~ 25%	50%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Bryant Culbreth
OTHER(S) PRESENT:

COMMENTS:

ER

2B184

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

$350 pd

APPLICATION FORM

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: 704-578-4951 (Kat Saunders, LSS) Alt. Phone: _____
Owner Name: same Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 156 Castle Pines Dr Statesville
Subdivision Name: Castlegate Section/Phase: _____ Lot Number: 109
Driving Directions: Rt 64, Rt 90, L Absher Farm Lp, L Staffordshire, L Castle Pines, 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: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

CHECK FOUNDATION TYPE

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

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 Saunders 3/18/19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

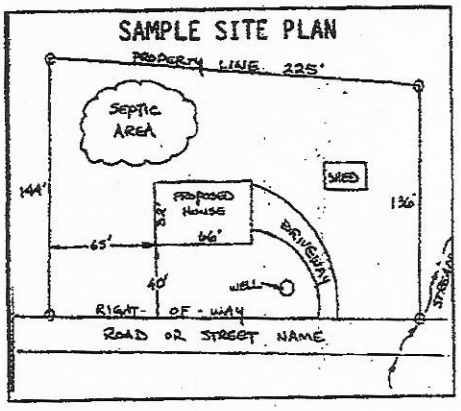
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

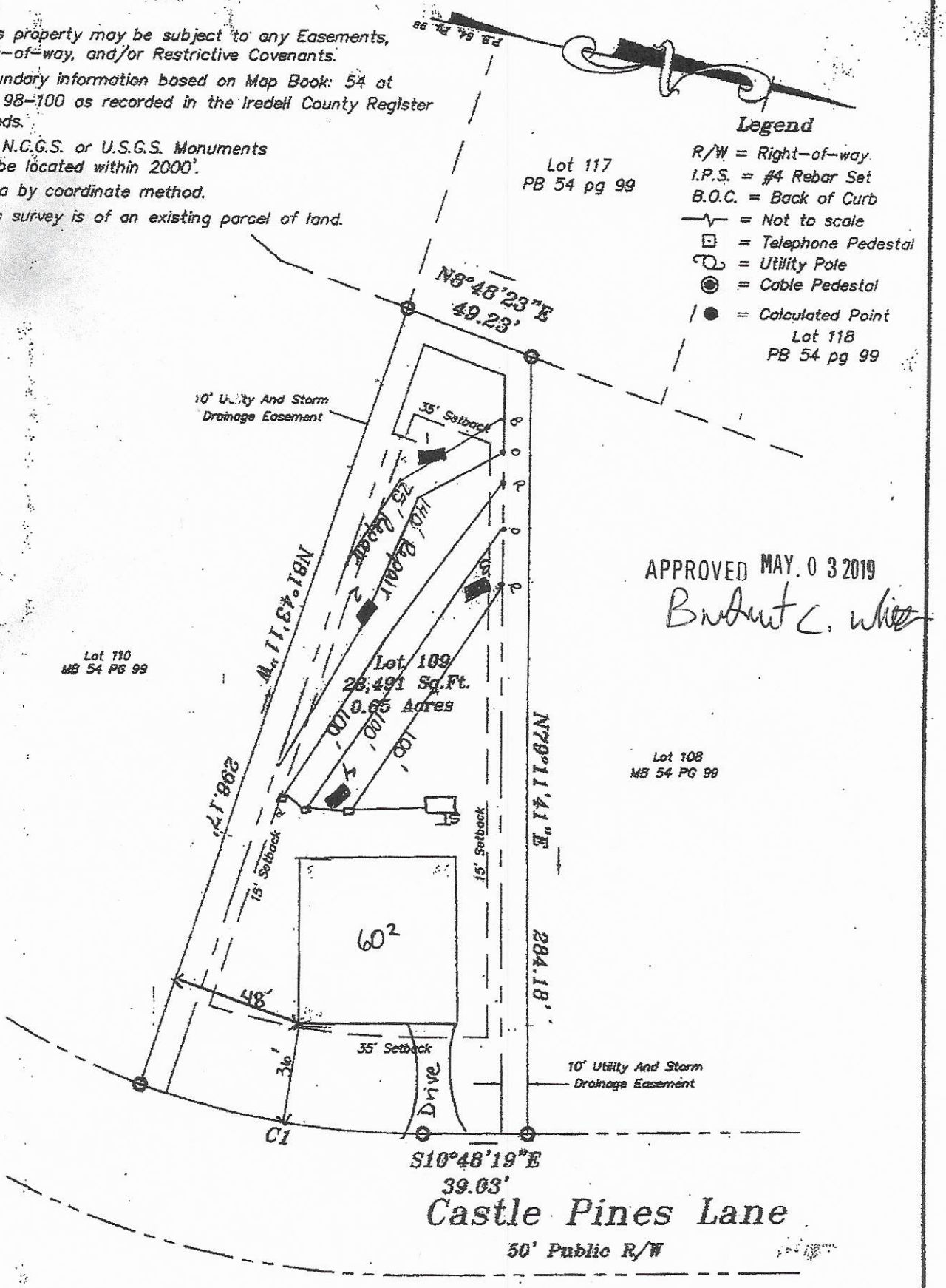
Please see Attached

Signature: Kathleen Saunders
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

3/18/19
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.



APPROVED MAY. 0 3 2019
Brittany C. White

Curve Table						
Curve #	Length	Radius	Tangent	Chord Bearing	Chord Dist	Delta
C1	107.11'	300.00	54.13	S00° 34' 38"E	106.54	020°27'21"

GRAPHIC SCALE

0 25 50 100

1 inch = 50 ft

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 156 Castle Pines Dr, identified as PIN(Parcel Identification Number) 4715-84-5658, 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).

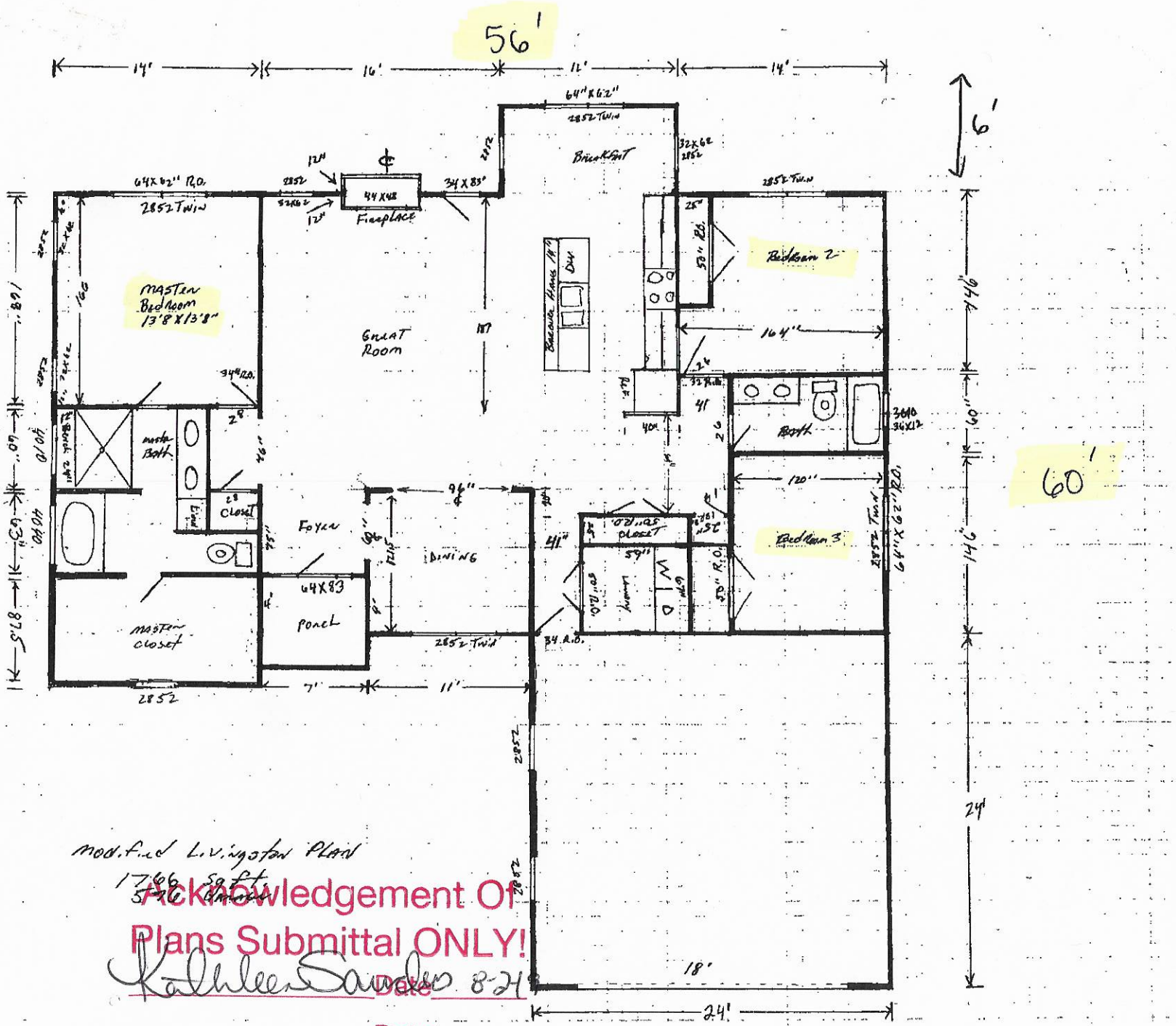
I agree to abide by any and all decisions and/or conditions between the agent acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division. This form must be fully executed before the individual's specified above will be recognized as the authorized agent.

[signature] 3-19-19

Signature of Owner Date

_____ _____

Signature of Witness Date


56'
14'
16'
12'
14'
6'
64"X62"
2852 TWIN
BREAKFAST
32X62
2852
12"
44X42
FIREPLACE
34X83"
64X62" R.O.
2852 TWIN
2852
32X62
12"
MASTER BEDROOM
13'8 X 13'8"
GREAT ROOM
BACKSAVER HANG IN
DW
2852 TWIN
25"
53" R.O.
BEDROOM 2
164"
2"
32 X 48
41
40"
RLE
BATH
36X60
36X12
120"
60'
91"
109"
24'
master BATH
28
CLOSET
96"
FOYER
DINING
41"
60" R.O.
LAUNDRY
59"
W
D
53" R.O.
BEDROOM 3
2852 TWIN
64X83
PANEL
MASTER CLOSET
2852 TWIN
34 R.O.
2852
7'
11'
2852
18'
24'
modified Livingston PLAN
1786 sq ft
Acknowledgement Of
Plans Submittal ONLY!
Kathleen Sanders
Date 8-29
Date
Burnett C. White
5-3-19

IREDELL COUNTY

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

APPLICATION NUMBER
243184
Issue Date: 03/26/2019

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4715845658.000	156 CASTLE PINES LANE, STATESVILLE, NC 28625	

Owner Information	Applicant Information
Owner: CASTLEGATE LLC	Applicant: THE OAKS GROUP
Address: 182	Address: 121 HOLT LN
IREDELL CO, NC 28625	MOORESVILLE, NC 28117
Phone:	Phone: 704-578-4951

Use Requested	Zone Code

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.650	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	171765	TOTAL FEES:	$ 77.25