IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 224 178

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

PIN # 4715854545

APPLICANT: Lake Luxury Homes/Castlegate LLC APPLICANT ADDRESS: 7271 Long Island Rd Catawba, NC 28625

SITE ADDRESS: 118 Castle Pines Ln Statesville, NC PHONE: ALT. PHONE:

SITE DIRECTIONS: I-40 to exit Hwy 64 TR Tayorsville Hwy TL Absher Farm Lp TL Staffordshire TL Castle Pine

SUBDIVISION: Castlegate SECTION: 1 LOT # 101 LOT AREA: .49Ac DESIGN FLOW: 360gpd L.T.A.R.: .3 a

Septic Tank 1000 (gal) STB 825 Date 11-20-17

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 4 Linear Ft: 300'

Trench Width 36" Max. Trench Bottom Depth Lowside 36" Gravel Depth N/A

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

System Description: Gravity - 25% Reduction LPPPBPS

Repair System Description:

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☒ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Do not grade down for house pad

Recommend pumping septic tank every 3-5 years.

INITIAL SITE SKETCH

See attached, approved plan by The Oaks Group, PA

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: 3/1/17 Installed by: Rowan Septic

IMPROVEMENT PERMIT by: Maria Dotson Date: 2/27/17 OPERATION PERMIT by: Maria Dotson Date: 4/30/18

AUTHORIZATION TO CONSTRUCT by: Tom Pluck Date: 3/30/17 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

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 as recorded in the Iredell County Register of Deeds.

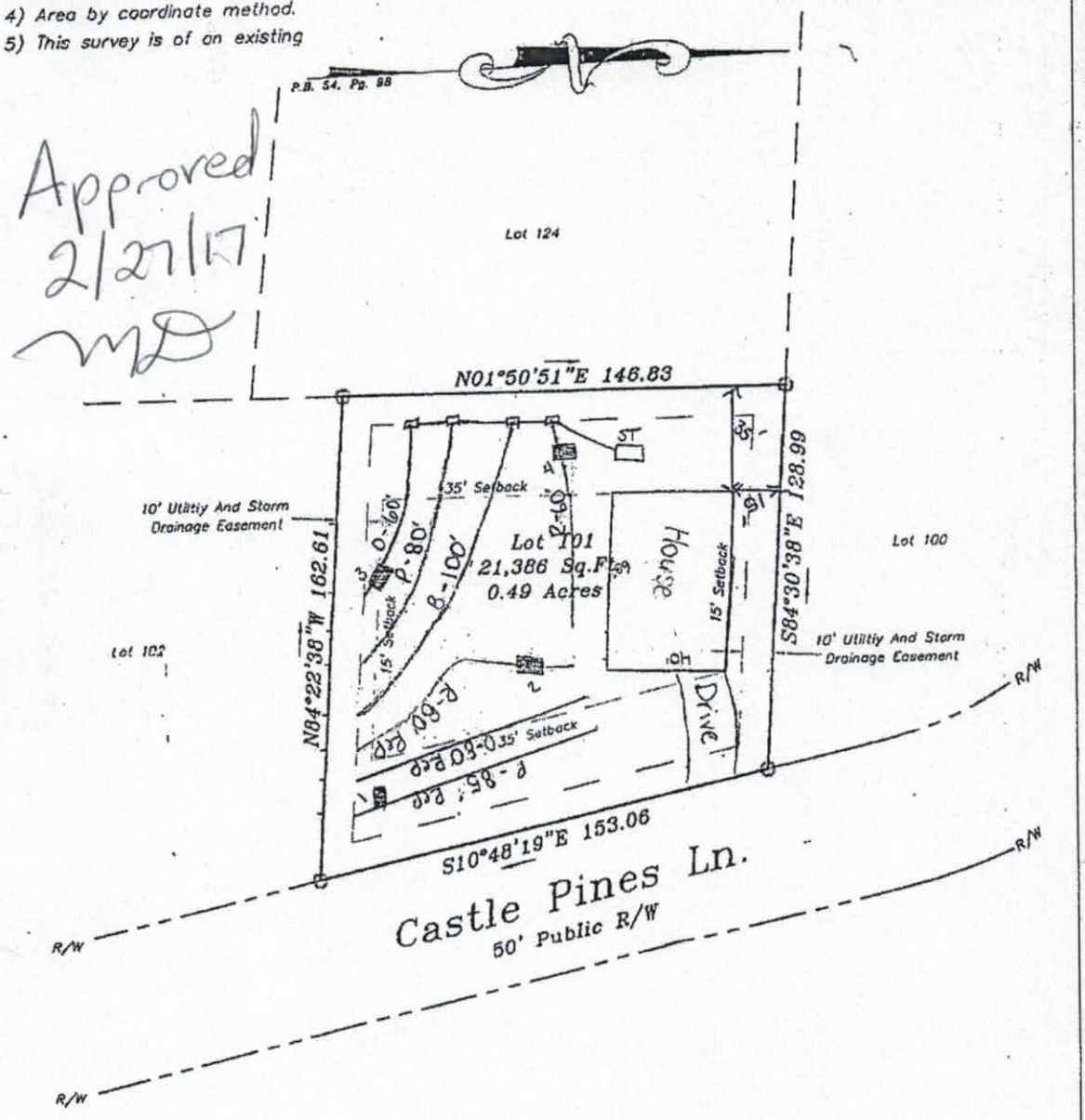
3) No N.C.G.S. or U.S.G.S. Monuments could be located within 2000'.

4) Area by coordinate method.

5) This survey is of an existing

Legend

R/W = Right-of-way
I.P.S. = #4 Rebar Set
B.O.C. = Back of Curb
= Not to scale
= Telephone Pedestal
= Utility Pole
= Cable Pedestal
= Calculated Point



GRAPHIC SCALE

50 0 25 50 100

(IN FEET)

THE OAKS GROUP, PA

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

RE: 122 Castle Pine lane

Date: February 6, 2017

Attached is the septic specification information required to permit the 122 Castle Pine Lane 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.

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

Kathleen Saunders

Castlegate Lot 101 Fast Track - The Oaks Group, PA

Approved
2/27/17
MD

Number of Bedrooms	**3**
Basement or Crawl	**Concrete Slab**
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 (Low Side)	36"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	245
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	Pink	LP PPBPS	85
2	Repair	Orange	LP PPBPS	80
3	Repair	Red	LP PPBPS	80
4	System	Red	25% Reduction	60 endfed
5	System	Blue	25% Reduction	100 endfed
6	System	Pink	25% Reduction	80 endfed
7	System	Orange	25% Reduction	60 endfed
				Total System: 300'
				Total Repair: 245'

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

Approved
2/27/17
MD

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

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

OWNER: Lake Luxury Homes — APPLICATION DATE
ADDRESS: 7271 Long Island Rd — DATE EVALUATED: 1/26/17
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): — PROPERTY SIZE: 0.49
LOCATION OF SITE: Castlegate # 101 — PROPERTY RECORDED: post 81
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 3-5%	0-14	mo GR SL	FR ns/np	Br	53+	NIA	NIA	0.3
		14-26	WK SBK SCL	FR ss/sp	RBr				
		26-53	Mo SBK C	↓	R				
2	L 3-5%	0-10	mo GR SL	FR ns/np	Br	53+	NIA	NIA	0.3
		10-39	WK SBK SCL	FR ss/sp	RBr				
		39-53	Mo SBK C	↓	R				
3	L 3-5%	0-8	mo GR SL	FR ns/np	Br	52+	NIA	NIA	0.3
		8-23	WK SBK CL	FR ss/sp	RBr				
		23-52	Mo SBK C	↓	R				
4	L 3-5%	0-6	mo GR SL	FR ns/np	Br	53+	NIA	NIA	0.3
		6-32	Mo SBK C	FR ss/sp	R				
		32-53	WK SBK CL	↓	R; Fsap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	LPP PBDS
Site LTAR	0.3	0.3

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

COMMENTS:

Updated February 2014

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

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonm
(X) *Septic Improvement Permit* (X) *Authorization to Construct* ( ) *Existing System Inspection* ( ) *Septic System R*

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMI APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DET

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

Applicant Information: Contact Kathleen Saunders (704) 578-4951

Applicant Name: Lake Luxury Homes Castlegate LLC **Address:** 7271 Long Island Rd Catawba 28609 **Phone:**

Owner Name: Same **Address:** **Phone:**

Property Information: 118 (No 122)

Street Address: ~~122~~ Castle Pine Ln Statesville 28625

Subdivision Name: Castlegate **Section/Phase:** SHT1 **Lot Number:** 101

Driving Directions: Interstate 40, exit on to Hwy 64, Right on Taylorsville Hwy, L on Absher Farm Loop, L on Staffordshire, Left on Castle Pine Ln, Lot on right

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

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

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 6 max
( ) Swimming Pool
( ) Other Addition/Structure:

( ) Crawl Space Foundatio
(X) Concrete Slab Foundati
( ) Basement with Plumbin
( ) Basement without Plum

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

Water Supply:

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

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 gra right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible fo 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: Emma Helt 3-29-17
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

AUTHORIZATION TO ACT AS AGENT FOR OWNER

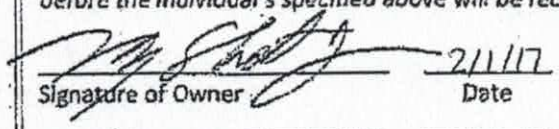
Any application/document/permit requiring a signature must be signed by the property owner or their authorized agent. This form shall be provided by the owner to allow specified individuals to act as agents for the owner. This form allows the specified individuals to sign or receive any application/document/permit 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, Ray Short, am the legal owner of the property located at 122 Castle Pine Ln Statesville, identified as PIN(Parcel Identification Number) 4715-85-4545, 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 of Owner — Date: 2/1/17

Signature of Witness — 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:

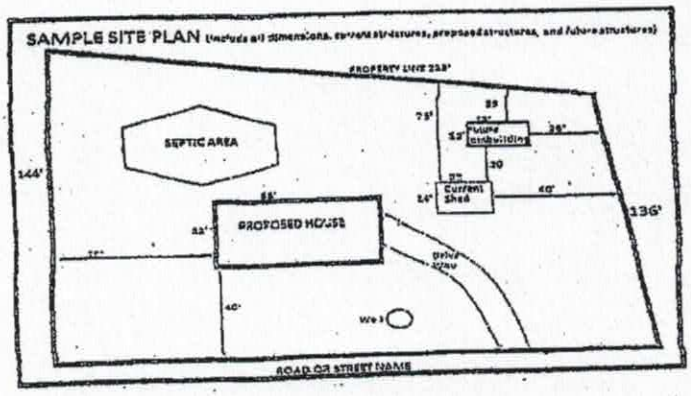
- X Property Line measurements are clearly identified...
- X All proposed structures are indicated...

***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...
- X 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

Please see attached site plan

Signature: Emma Hall
REQUIRED property owner or owner's legal representative signature.

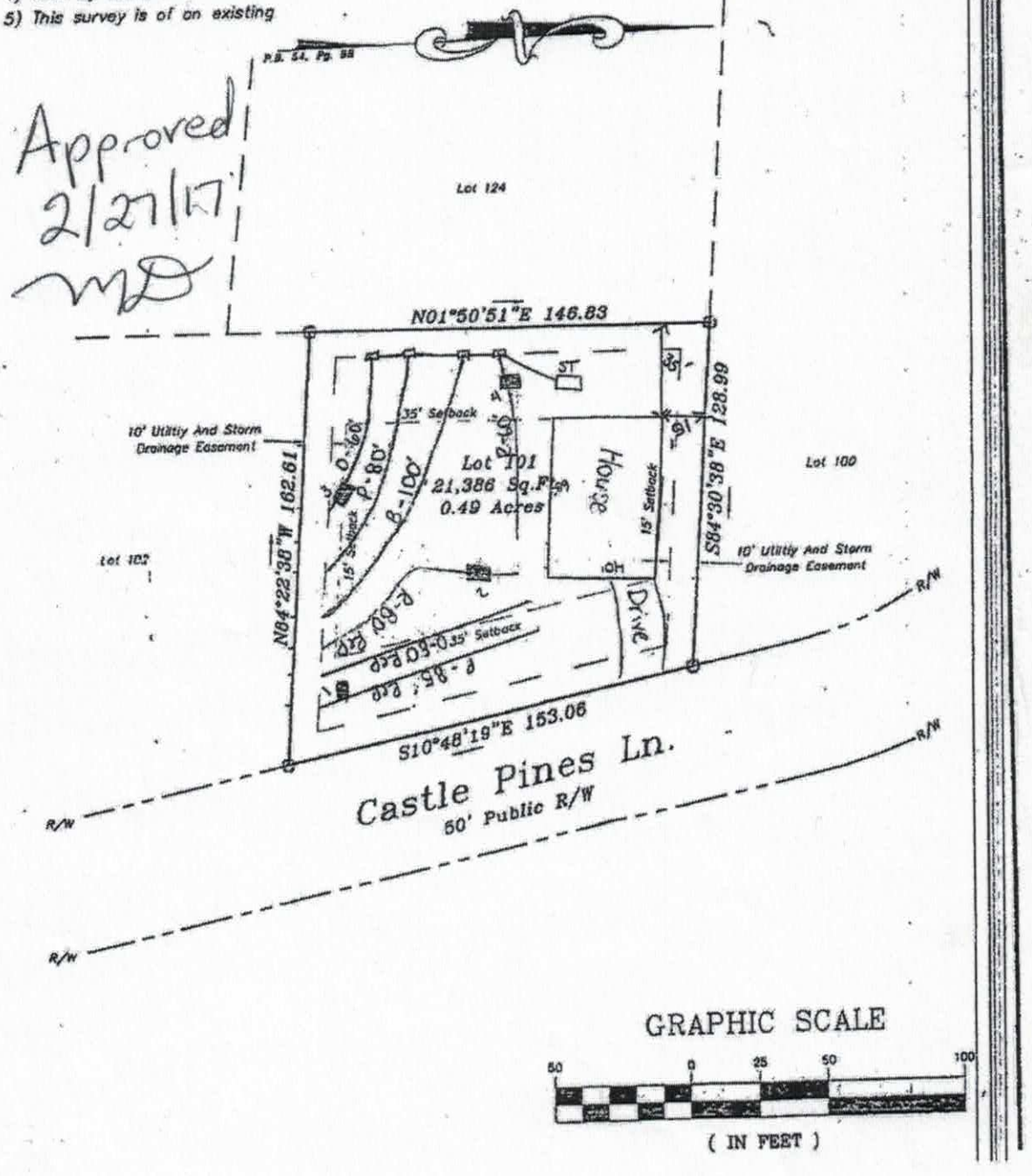
2/1/17
DATE

Notes:

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Legend

R/W = Right-of-way
I.P.S. = #4 Rebar Set
B.O.C. = Back of Curb
~ = Not to scale
= Telephone Pedestal
= Utility Pole
= Cable Pedestal
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GRAPHIC SCALE

50 0 25 50 100

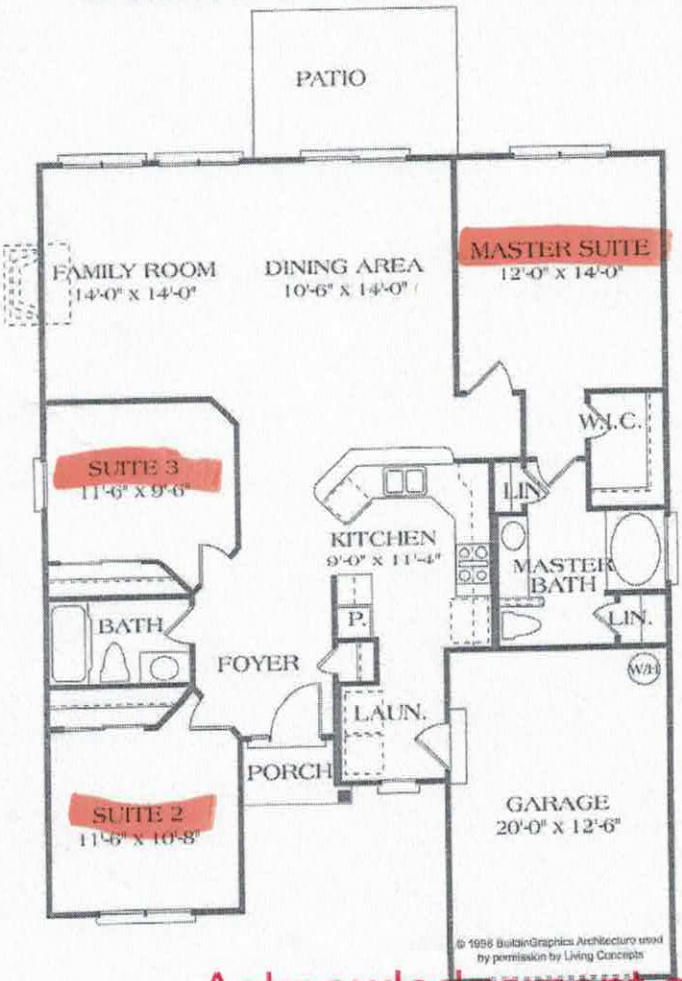
(IN FEET)

Lot 101

Winward "A"

A-1395A





Plan Available on AutoCAD

PLAN SPECIFICATIONS

First Floor	1,402	Sq.Ft.	Width		37'-7"
TOTAL	1,402	Sq.Ft.	Depth		50'-1"
Garage	260	Sq.Ft.	Foundation		Slab
Bedrooms	3		Price Code		A
Baths	2				

D W
Permit 40 x 60

First Floor Plan

living concepts
Home plans by Frank Snodgrass
7400 Carmel Executive Park, Suite 150-B
Charlotte North Carolina 28226
Telephone: (704) 541-5917 Fax: (704) 542-1499
Website: www.livingconcepts.com

Acknowledgement of
Plans Submittal ONLY!

Kathleen Saunders 3-29-17
Date

Tom Rhudi Date 3/30/17

IREDELL COUNTY

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

APPLICATION NUMBER
224778
Issue Date: 02/06/2017

FILE COPY

ZONING PERMIT
Open Space

Parcel Number	Street Address	Jurisdiction
4715854545.000	118 X 122 CASTLE PINES LANE, STATESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: CASTLEGATE LLC	Applicant: THE OAKS GROUP
Address: 282 SCOTTS CREEK RD STATESVILLE, NC 28625	Address: 121 HOLT LN 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
.490	35.00	35.00	15.00	15.00	NOT	X

Remarks:

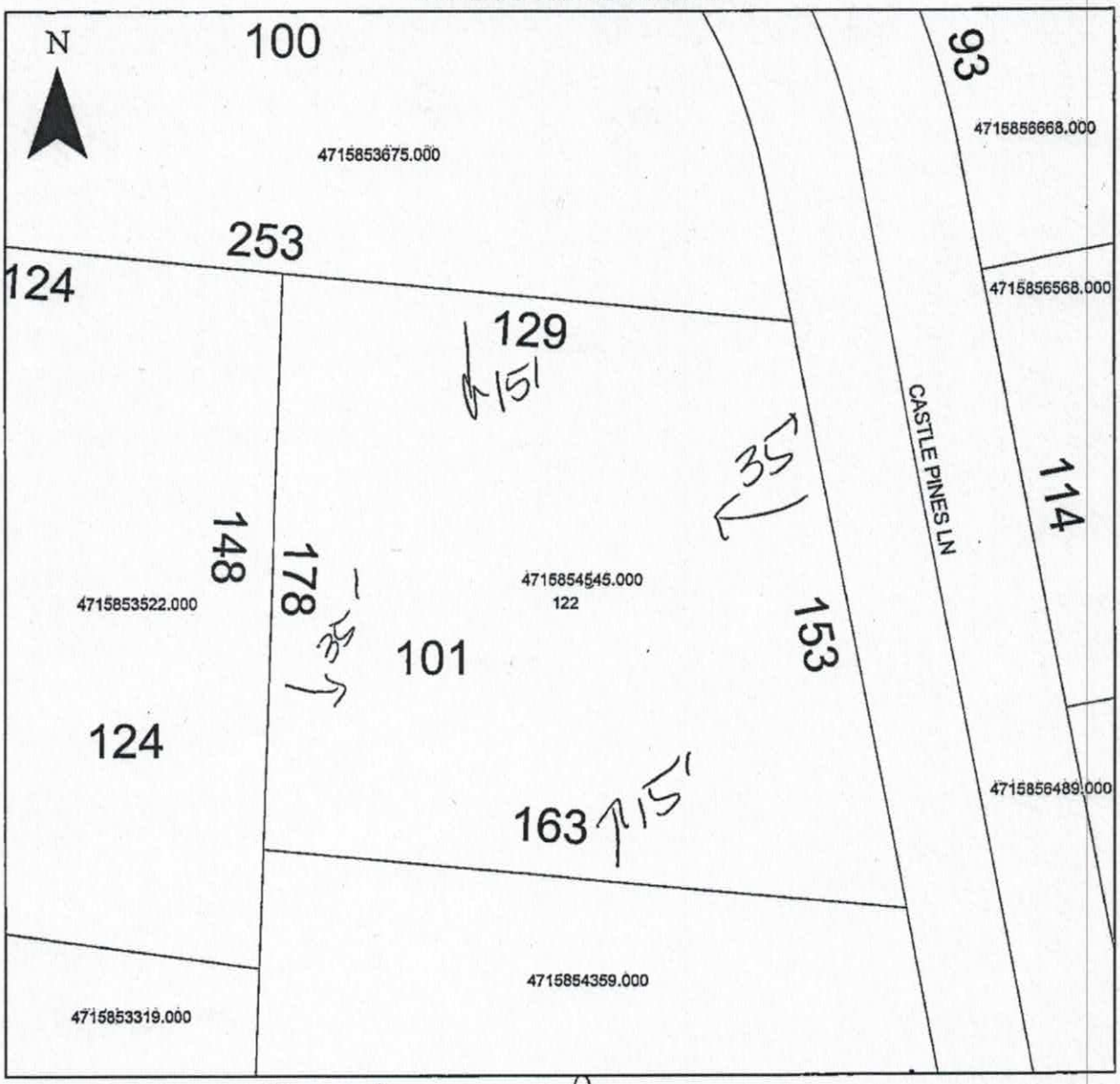
PAID
V1051
MA 2/6/17

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: See Attached Date: _____

Permit Number	92416	TOTAL FEES:	$ 77.25

ZONING DISCLAIMER



Property Address 122 Castle Pines

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Emma Hett
Applicant

2/6/17
Date