IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 203173

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

PIN # 4636332025

APPLICANT: Bonanza Dev. Co APPLICANT ADDRESS: 816 G Brawley School Rd Mooresville, NC 28117

SITE ADDRESS: 116 Meadow Crest Ln Mooresville, NC 28117 PHONE: 7046625105 ALT. PHONE: 704 363 - 9942

SITE DIRECTIONS: Brawley School Rd TL Isle of Pines TL on Meadow Crest 4th lot on Right

SUBDIVISION: The Villages of Isle of Pines SECTION: — LOT # 22 LOT AREA: .73 Ac DESIGN FLOW: 360gpd L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	794	Date	1-16-17
Pump Tank	1000 (gal)	PT	27	Date	1-12-17
Pump Make	Liberty	Model	290HTS	Serial #	
# Nitrification Fields	1	# Lines	5	Linear Ft:	300
Trench Width	36"	Max. Trench Bottom Depth	30"	Gravel Depth	N/A

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

System Description: Pump-PM-25% Reduction

Repair System Description: LP PPBPS

Maintenance Agreement Required: ☐ YES ☒ NO ☐ GRAVITY ☒ PRESSURE

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

No. Bedrooms 3 No. Persons 6 No. Employees — ☒ Crawl Space

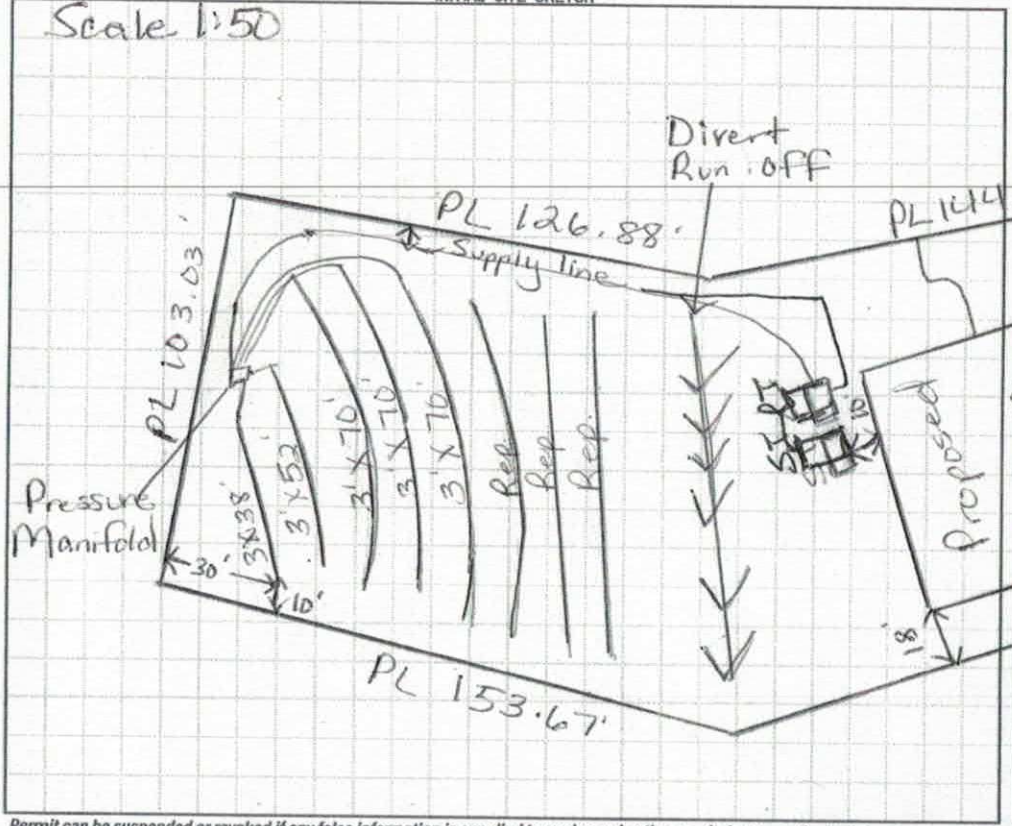
Water Supply: ☐ Private ☒ Public ☒ Community

☐ Basement w/o plumbing

Comments / Conditions: Divert stormwater to Property line & Smooth out old farm terrace

2/17/17 Checked tanks, lines & pressure & PM. 22ft tanks off House.

INITIAL SITE SKETCH



AS BUILT SKETCH

Note: Tap Sizes
70' lines - use 3/4" sch 80 tap
52' lines - use 1/2" sch 40 tap
38' line - use 1/2" sch 80 tap

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**

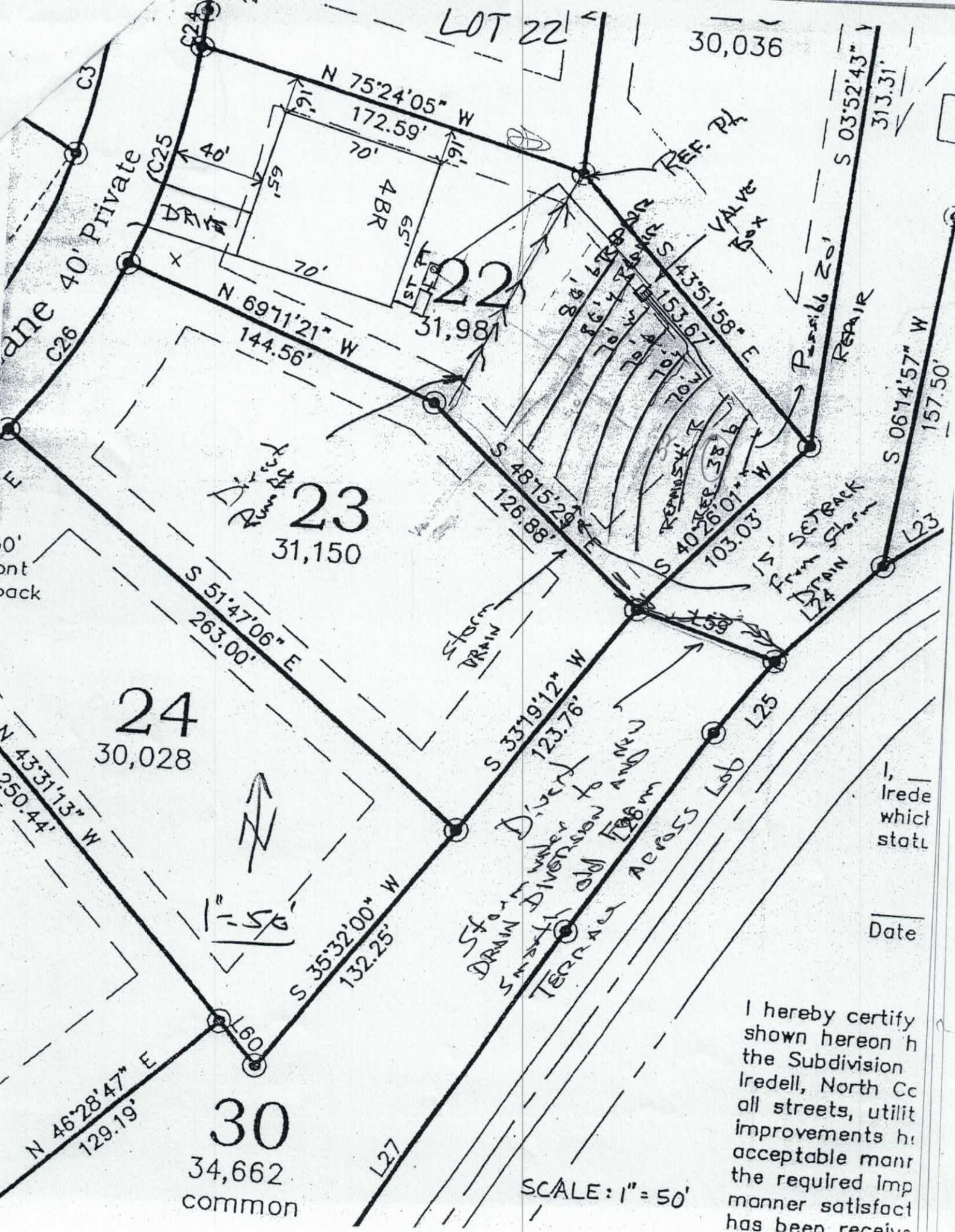
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Scott R. Needham Date: 12/9/16 Installed by:

IMPROVEMENT PERMIT by: Maria Dotson Date: 11/23/16 OPERATION PERMIT by: Date: 4-12-17

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 11/23/16 Existing System Inspected by: Date:

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


LOT 22
30,036
N 75°24'05" W
172.59'
91'
91'
70'
40'
59'
59'
48R
70'
22
31,98
N 69°11'21" W
144.56'
C24
C25
C26
C3
40' Private
Lane
REF. PT.
VALVE Box
S 43°51'58" E
153.67'
S 03°52'43" E
313.31'
Possible 20' REPAIR
S 06°14'57" W
157.50'
S 48°15'20" E
126.88'
S 40°26'01" W
103.03'
15' SETBACK FROM STORM DRAIN
L24
L23
L59
23
31,150
S 51°47'06" E
263.00'
STORM DRAIN
24
30,028
S 33°19'12" W
123.76'
L25
Storm Drain Diversion Ditch to Old Tom Smith Terrace
Ditch to be filled in and Diverted Across Lot
N 43°31'13" W
250.44'
S 35°32'00" W
132.25'
L60
N 46°28'47" E
129.19'
30
34,662
common
L27
SCALE: 1" = 50'
I,
Irede
which
statu
Date
I hereby certify
shown hereon h
the Subdivision
Iredell, North Cc
all streets, utilit
improvements h
acceptable manr
the required Imp
manner satisfact
has been receiv

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Village of Isle of Pines — APPLICANT: Barnes Dev.
ADDRESS: ___ — APPLICATION DATE: ___ — DATE EVALUATED: 5-31-0
PROPOSED FACILITY: House — PROPOSED DESIGN FLOW (.1949): 450 gal — PROPERTY SIZE: ___
LOCATION OF SITE: ___ — PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

1 of 22

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	C/N 5-10%	0-16	WSBK SCL	FR SS/SP	br	38"	PS		PS .3
		16-38	M SBK C/L	FR SS/SP	rsh				
		38-43	M SCAP	FR SS/SP	y-k(w)	BR to CR	43" rock		
2	C/N -5%	0-8	WSBK SCL	FR SS/SP	br	55+	L SAP 3%		PS .3
		8-36	MSBK C/L	FR SS/SP	FR rsh/c y-k(w)				
		36-55	WSBC CL	FR SS/SP					
3	6-17-05 DRK 9% S	0-10	WKSBK SCL	FRSSSP					.3
		10-34	MSBK RC	FRSS/SP SOAP					
		34-52	WKSBK YE CL	FRSSP common w/SAP					
4	8% L	0-8	WKSBK brwsd	FRSSSP					.3 to 40"
		8-19	MSBK RC	FR SS/SP SOAP					
		19-40	WKSBK CL	FRSSP common w/SAP					
		40-52	MOSTLY LSAP	FRSSP Layered CL					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)		

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

IREDELL COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH DIVISION

RECEIVED OCT 24 2016

(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)

Redraw from 4 BR to 3 BR

Paid $105.00 Ltd Reciept #203173 EFT

1. APPLICATION FOR: ___ Improvement Permit ✓ Authorization To Construct ___ Existing System Inspection

2. 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 check ( ) beside whichever is submitted if applicable ✓ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

* Call me if need to do site visit so I can meet out there also.

Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Bonanza Development Co.	816-G Brawley School Rd, Mooresville, NC 28117	704-363-9942	704-363-9942
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
Bonanza Development Co.	816-G Brawley School Rd, Mooresville, NC 28117	704-363-9942	704-363-9942

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
116 Meadow Crest Ln, Mooresville, NC 28117	the Village at Isle of Pines	Lot 22

Driving Directions: West on Brawley School Rd, Turn left on Isle of Pines Rd, turn left on Meadow Crest Lane, 4th house on right

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

( ) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
(X) Repair To Failing Septic System due to
(X) Other Modify Septic Permit From 4 BR down to 3 BR, change primary system to 25% red. instead of Panel Block, can still have panel block repair system

Maximum Number of Bedrooms 3
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

(✓) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non-Residential Site Development:
Type of Business
Square Footage of Building
Maximum Number of Employees
Maximum Number of Seats

6. Proposed Water Supply: Aqua North Carolina

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

7. Desired Septic System Type: *(You may rank in order of preference, if any)* ( ) EXISTING SYSTEM installed ___ (Year)

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other 25% reduction primary panel block repair

8. Please Answer The Following ( ) Yes (X) No Does the site contain any jurisdictional wetlands?

To The Best of Your Ability: ( ) Yes (X) No Is any non-domestic sewage (i.e. industry) 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.

9. Signature: Bonanza Development Co. Inc. by Scott Medlin

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

10/24/16
DATE

RECEIVED AUG 10 2016

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

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1. APPLICATION FOR: ___ Improvement Permit X Authorization To Construct ___ Existing System Inspection

2. 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 check ( ) beside whichever is submitted if applicable X Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Bonanza Development Co.	816-G Brawley School Rd, Mooresville NC 28117	704-662-0105	704-363-9942 (cell)
Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
MIOP, LLC	816-G Brawley School Rd. Mooresville NC 28117	704-662-0105	704-363-9942 (cell)
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

4. Property Information:

116 Meadow Crest Ln, Mooresville NC 28117	The Villages at Isle of Pines	Lot 22
Street Address	Subdivision Name	Section/Phase and Lot Number

Driving Directions: West on Brawley School Road, Turn left on Isle of Pines Rd, Left on Meadow Crest Lane to 116 Meadow Crest Ln.

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

(X) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
(X) Repair To Failing Septic System due to _____
( ) Other _____

Maximum Number of Bedrooms 3
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

(X) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non-Residential Site Development:
Type of Business _____
Square Footage of Building _____
Maximum Number of Employees _____
Maximum Number of Seats _____

6. Proposed Water Supply: Aqua North Carolina

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

7. Desired Septic System Type: *(You may rank in order of preference, if any)* ( ) EXISTING SYSTEM installed ____ *Year*

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other LPP PPBPS per permit

8. Please Answer The Following ( ) Yes (X) No Does the site contain any jurisdictional wetlands?
   To The Best of Your Ability: ( ) Yes (X) No Is any non-domestic sewage (i.e. industry) 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.

9. Signature: Bonanza Development Co. Inc. by Scott R. Needham — 8/9/16
   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, MIOP, LLC, am the legal owner(s) of the property located at 116 Meadow Crest Lane, Mooresville, NC 28117, identified as PIN (Parcel Identification Number) 4636-33-2025, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Bonanza Development Co. Inc., 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.

MIOP, LLC by Scott R. Needham 8/9/16
Signature of Owner(s) Date

Joyce P Needham 8/9/16
Signature of Witness Date

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

Lot 22 "Fast Track" Paid Balance $90.00 RH
FT Int. Relayout 6-6-14 Non-Expiring

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
Application for IMPROVEMENT PERMIT , AUTHORIZATION TO CONSTRUCT, or EXISTING SYSTEM INSPECTION

(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)

1. **APPLICATION FOR:** X **Improvement Permit** ___ **Authorization To Construct** ___ **BOTH** ___ **Existing System Inspection**

2. X Intermediate Relayout / Revise Existing Permit # 1289971 (See next page 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 check ( ) beside whichever is submitted if applicable ___ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. **Applicant Information:**

Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Bonanza Dev. Co.	816-G Brawley School Rd. Mooresville, NC 28117 Attn: Scott Needham	704-662-0105	704-363-9942 (cell)

Owner Name	Mailing Address	Home Phone #	Alternate Phone #
MLOP, LLC	816-G Brawley School Rd. Mooresville, NC 28117	704-662-0105 office	704-363-9942 (cell)

4. **Property Information:**

Street Address	Subdivision Name	Section/Phase and Lot Number
116 Meadow Crest Lane Mooresville, NC 28117	The Villages at Isle of Pines	Lot 22

Driving Directions: West on Brawley School Road, to Isle of Pines Road, turn left on Meadow Crest Lane to Lot 22 (116) on right

5. **RESIDENTIAL Site Development Information:** *(Check or Complete ALL that apply)*

- (X) New, Single Family Residence
- ( ) New, Multi-Family Residence
- ( ) Expansion of Existing Septic System
- ( ) Repair To Failing Septic System
- ( ) Other

Maximum Number of Bedrooms 4
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

- (X) Crawl Space Foundation?
- ( ) Concrete Slab Foundation?
- ( ) Basement w/Plumbing?
- ( ) Basement w/out Plumbing?

IF Non- Residential Site Development: Type of Business ___ Square Footage of Building ___ Maximum Number of Employees ___ Maximum Number of Seats ___

6. **Proposed Water Supply:** Aqua North Carolina
( ) New Well ( ) Existing Well (X) Community Well ( ) City Water ( ) Other Public Water

7. **Desired Septic System Type:** *(You may rank in order of preference, if any)*
( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other LPPPBPS ( ) No Preference

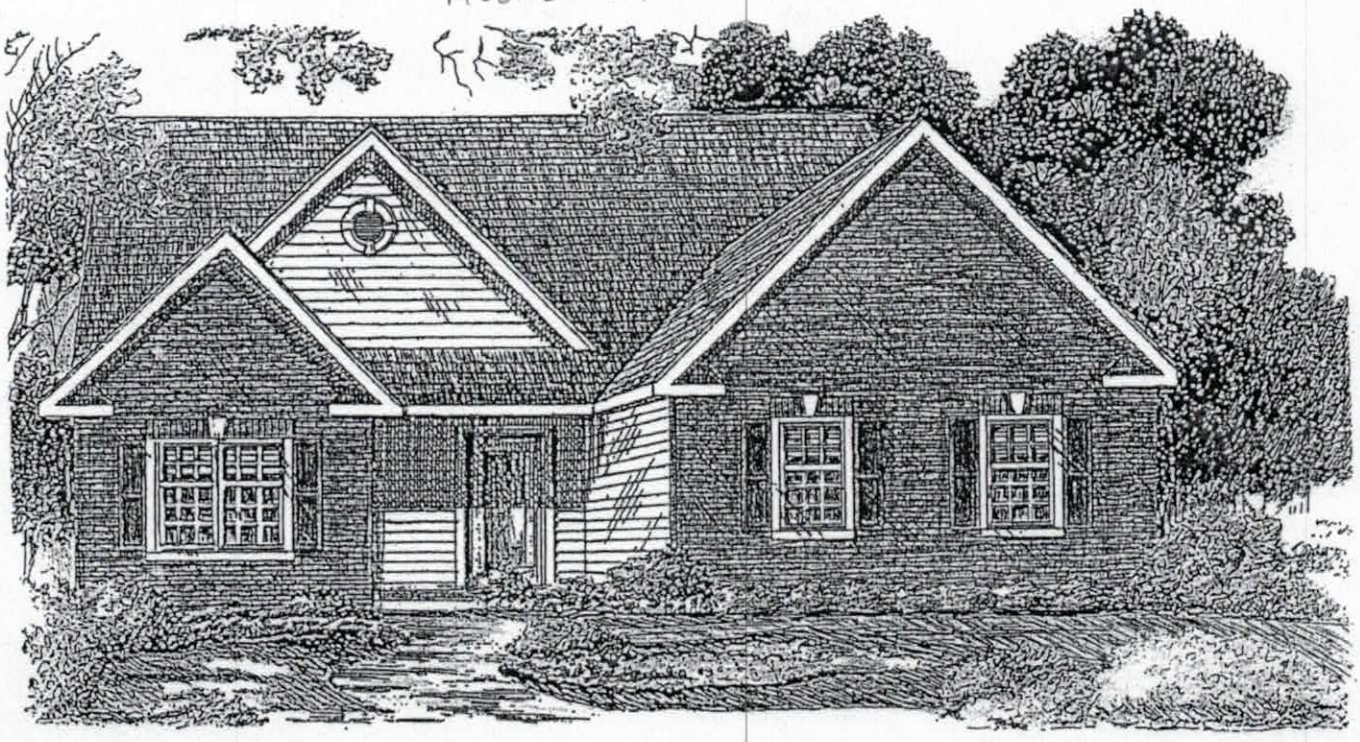
8. **Please Answer The Following To The Best of Your Ability:**
( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industry) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

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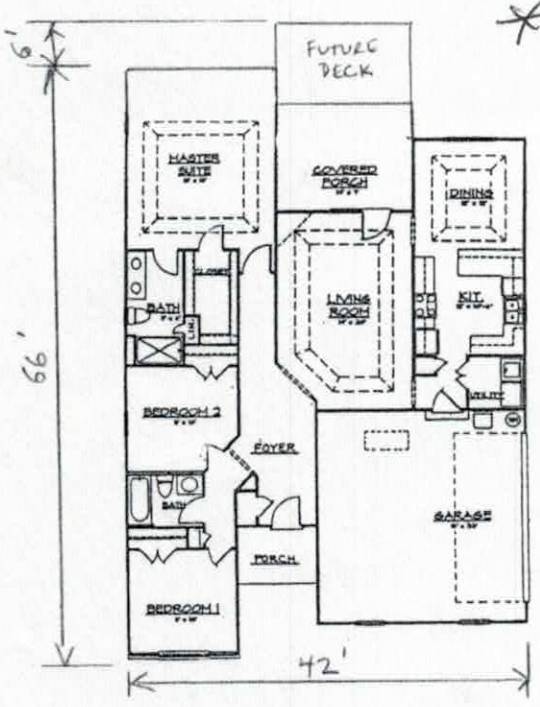
9. **Signature:** Bonanza Dev. by Scott R. Needham — 6/3/14
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — **DATE**

Villages at Isle of Pines
Lot 22
116 Meadow Crest Lane
Mooresville, NC 28117

The Johnson
Plan 1615



* Want to install 3BR system 25% reduction instead, may do redraw if needed before system install



3BR HOME

This timeless design has been one of the best sellers in our communities, and offers additional new features for the Villages at Isle of Pines. Spacious Rooms, a large covered rear porch, and two-car garage are standard. Tray ceilings in the Living Room, Master Bedroom, and the Dining Room all add up to the openness of the floor plan. The Master Bedroom is privately located away from the Guest Bedrooms, separated from the other bedrooms by the Master Bath and the Master Closet. A large Bonus Room over the garage is available as an optional upgrade.

Total Living Area.....1615 sq. ft.

Built by Award Winning Homebuilder

BONANZA DEVELOPMENT CO.

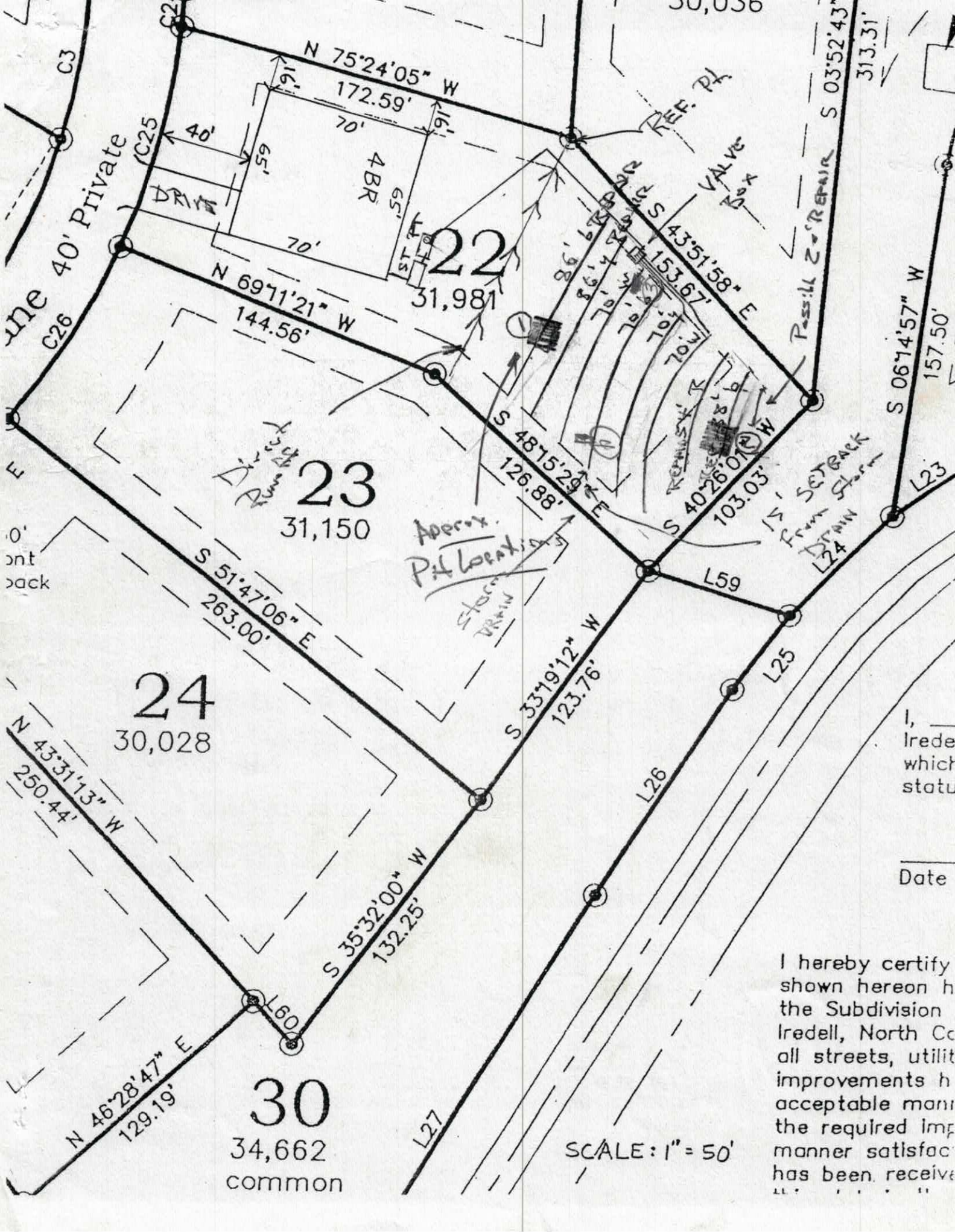
www.thevillagesatisleofpines.com

Notice: Floorplan, Specifications, Details, And Square Footage Subject To Change Without Notice

The Villages at Isle of Pines
(704) 664-9494

Plans Submittal ONLY!
Acknowledgement of
Scott R. Medlin Date 8/10/16
Mary Lou Date 11/23/16

8/9/16
SRM


N 75°24'05" W
172.59'
70'
40'
59'
4BR
DRIVE
ST
22
31,981
N 69°11'21" W
144.56'
S 43°51'58" E
153.67'
REF. PT.
VALVE Box
Possible 2' REPAIR
S 03°52'43"
313.31'
S 06°14'57" W
157.50'
S 48°15'29" E
126.88'
S 40°26'01" W
103.03'
15' SETBACK FROM STORM DRAIN
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31,150
Approx. Pt Location
Storm Drain
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123.76'
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N 43°31'13" W
250.44'
S 35°32'00" W
132.25'
N 46°28'47" E
129.19'
30
34,662
common
SCALE: 1" = 50'
C3
C25
C26
L23
L24
L59
L25
L26
L27
L60
40' Private
I hereby certify
shown hereon h
the Subdivision
Iredell, North Co
all streets, utilit
improvements h
acceptable manr
the required Imp
manner satisfac
has been receive
Date