IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 20317

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

PIN # 4636 33 1489

APPLICANT/OWNER: Bonanza Dev. Group APPLICANT ADDRESS: 816-G Brawley School Rd Mooresville, NC 28117

SITE ADDRESS: 103 East Vista View Pl. Mooresville, NC PHONE: 704 363-9942 ALT. PHONE

SITE DIRECTIONS: Brawley School Rd TL Isle of Pines TL Meadow Crest 28117 RT East View Pl

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Villages @ Isle of Pines SECTION: — LOT # 12 LOT AREA: 1R DESIGN FLOW: 360gpd L.T.A.R.: .3

Septic Tank	1000	(gal)	STB	794	Date	3-26-17	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank	1000	(gal)	PT	283	Date	5-28-17	System Description:	Pump-PM-25% Reduction			
Pump Make	Liberty	Model		290AV	Serial #		Repair System Description:	25'-50% Reduction			
# Nitrification Fields	1	# Lines		3	Linear Ft	300'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Trench Bottom Depth(Low side)		36"	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		

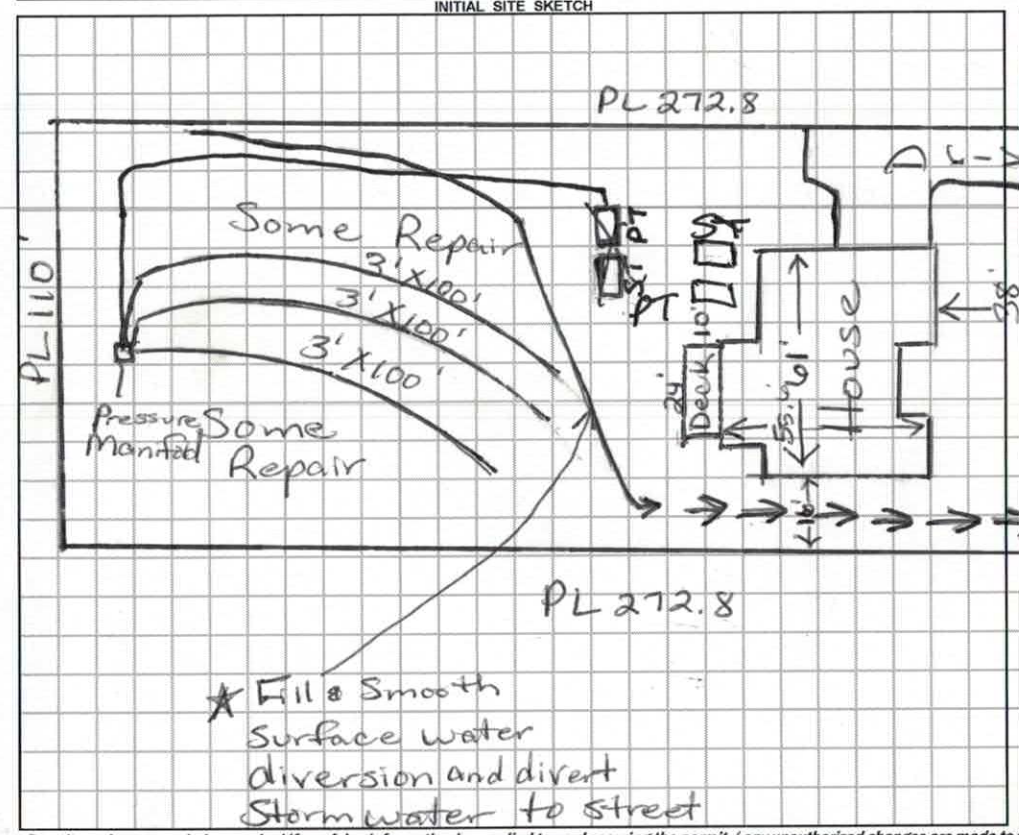
☒ Residence	No. Bedrooms	3	Water Supply
☐ Business	No. Persons	10	☐ Private
☐ Other	No. Employees		☐ Public
☐ Slab	☒ Crawl Space		☒ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: ★ Surface water diversion ditch to be filled and relocated to divert water to street

tanks 12'1/2ft off house

7/21/17 Checked tanks & lines & Supply line

INITIAL SITE SKETCH



AS BUILT SKETCH

Scale 1:50

10/12/17

- Alarm Float ok
- On/off float (7.5" of stack/deflection) Functioning ok
- Trans-union check valve.
- Septic Pump breaker outside below meter.
- Septic alarm breaker inside garage on panel (top left)
- 2 feet of pressure head set
- Installed approximately where permitted

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: Bonanza Dev. Group Scott R. Neighbors Date: 6/2/17

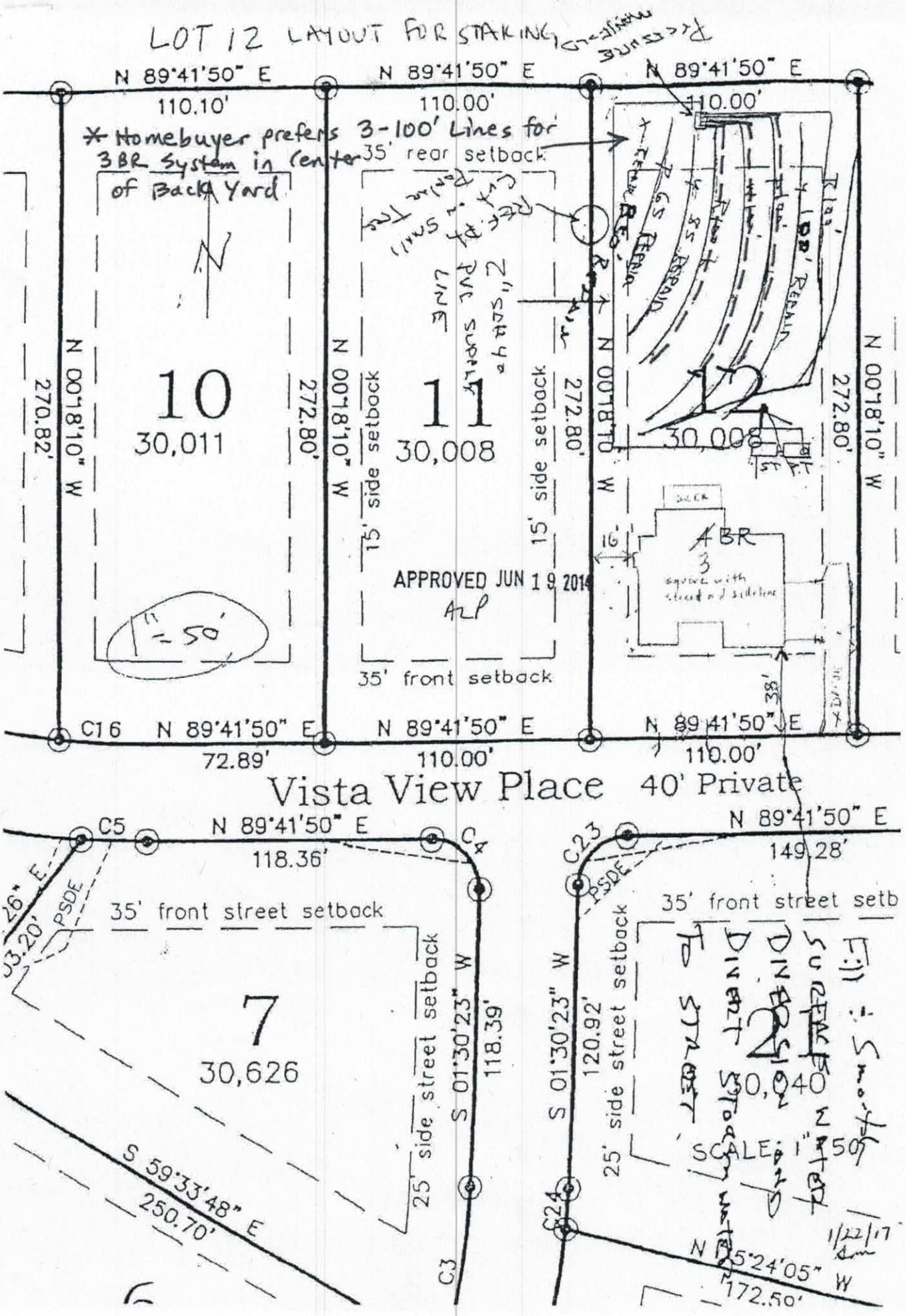
IMPROVEMENT PERMIT by: Maria Dotson Date: 5/23/17

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 5/23/17

Installed by: K&W

OPERATION PERMIT by: Tom Shuck Date: 10/11/17

Existing System Inspected by: Date:


LOT 12 LAYOUT FOR STAKING
N 89°41'50" E
110.10'
N 89°41'50" E
110.00'
N 89°41'50" E
110.00'
* Homebuyer prefers 3-100' Lines for 3BR System in Center of Back Yard
35' rear setback
10
30,011
11
30,008
30,008
N 00°18'10" W
270.82'
272.80'
15' side setback
15' side setback
APPROVED JUN 19 2014
ALP
1" = 50'
35' front setback
4BR
3
C16
N 89°41'50" E
72.89'
N 89°41'50" E
110.00'
N 89°41'50" E
110.00'
Vista View Place 40' Private
C5
N 89°41'50" E
118.36'
C4
35' front street setback
PSDE
7
30,626
25' side street setback
S 01°30'23" W
118.39'
S 59°33'48" E
250.70'
C3
C23
N 89°41'50" E
149.28'
35' front street setb
S 01°30'23" W
120.92'
25' side street setback
30,040
SCALE: 1" = 50'
C24
N 85°24'05" W
172.50'
1/22/17

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

Villages at Rose Hill Phase

OWNER: BONANZA DEV. APPLICANT:
ADDRESS: APPLICATION DATE: DATE EVALUATED: 6-7
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 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

Lot 12 Lot 12

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	L 5-10%	0-16	mFSBK C/LR	FR SS/SP	rcm	54	C SAP		PS .4
		16-50	WSBK W	FR SS/SP	yslm		16L		
2	C 5-10%	0-48	m-WSBK C/L	FR=SS/SP	rcm/ysl/M FR SAP				
					Soil looks TYS -3 but ~ 1' H2O in pit				
3	6-12-05 10-11% L	0-16	mSBK RC	FR SS/SP	few med SAP				.3
		16-60	WSBK yr cl	FR SS/SP common mi SAP					
4	4-5% S/L	0-36	mSBK RC	FR SS/SP SAP	few med SAP				.3
		36-50	WSBK yr cl	FR SS/SP					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: RSB

RECEIVED MAY 4 - 2017

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

Ltd Redraw $105.00 EFT

PAGE 1: *APPLICATION FORM*

Application For: * Redraw from 4 BR system to 3 BR system. 3BR home is under construction

( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment

( ) 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 #203171

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

Applicant Information:

Applicant Name: Bonanza Development Co. Address: 816-G Brawley School Road, Mooresville NC 28117 Phone: 704-363-9942 (cell)

Owner Name: Bonanza Development Co. Address: 816-G Brawley School Road, Mooresville NC 28117 Phone: 704-363-9942 (cell)

Property Information:

Street Address: 103 East Vista View Place, Mooresville, NC 28117

Subdivision Name: The Villages at Isle of Pines Section/Phase: _____ Lot Number: 12

Driving Directions: West on Brawley School Rd, Turn Left Isle of Pines Road, Left on Meadow Crest Lane, Right on East Vista View Place, Lot is on Left

Site Development Information: *(check or complete ALL that apply)* * Request is for Redraw from 4 BR to 3 BR system. Home is under construction as 3 BR.

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

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

(X) 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: _____

prefer 3-100 lines in center of back yard

Water Supply: Aqua North Carolina

( ) New Well ( ) Existing Well (X) 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 (X) Other: pump 25% red

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: Bonanza Development Co. Inc. by Scott R. Needham 5/3/17

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

RECEIVED JAN 2 4 2016

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:

( ) Septic Improvement Permit (X) Authorization to Construct ( ) New Well Permit ( ) Existing System Inspection ( ) Well Repair Permit ( ) Well Abandonment ( ) 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:
Place an (X) beside whichever is submitted if applicable

(X) Survey Plat, scaled no more than 1 inch = 60 feet
(X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: Bonanza Development Co. Address: 816-G Brawley School Rd. Mooresville NC 28117 Phone: 704-363-9942 (cell)

Owner Name: M100, LLC Address: 816-G Brawley School Rd. Mooresville NC 28117 Phone: 704-662-0105

Property Information:

Street Address: 103 East Vista View Place, Mooresville, NC 28117

Subdivision Name: The Villages at Isle of Pines Section/Phase: _____ Lot Number: 12

Driving Directions: West on Brawley School Rd, Turn left Isle of Pines Rd, Left on Meadow Crest Lane, Right on East Vista View Place, Lot is on left.

EX NOTE: PERMIT IS FOR 4 BR SYSTEM, HOWEVER WE ARE ONLY BUILDING 3 BR HOUSE. WE MAY SUBMIT REQUEST FOR REDRAW TO 3 BR ONCE HOUSE IS UNDER CONSTRUCTION **

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: _____
( ) 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: _____

Water Supply: Aqua North Carolina

( ) New Well ( ) Existing Well (X) 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 (X) Other: pump 75' to field

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: Bonanza Development Co. Inc. by Scott R. Needham 1/22/17

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

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

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 103 East Vista View Place, Mooresville, NC 28117 Lot 12, identified as PIN (Parcel Identification Number) 4636-33-1489, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Scott R. Needham, 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, Mgr. 1/22/17 — Signature of Owner(s) / Date

Joyce P Needham 1/22/17 — 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 12 "Fast Track Paid $90, Balance Pd FT Int, Relayout 6-6-14

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

Non Expiring

(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

X Intermediate Relayout/Revise Existing Permit # 128954 (See next page for details)

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:

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

4. Property Information:

103 East Vista View Place Mooresville, NC 28117	The Villages at Isle of Pines	Lot 12
Street Address	Subdivision Name	Section/Phase and Lot Number

Driving Directions: West on Brawley School Road, to Isle of Pines Road, turn left on Meadow Crest Lane, right on East Vista View Place to 103

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?
- (X) 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:

( ) New Well ( ) Existing Well (X) Community Well (Aqua North Carolina) ( ) 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 pump pm 25% reduction ( ) 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?

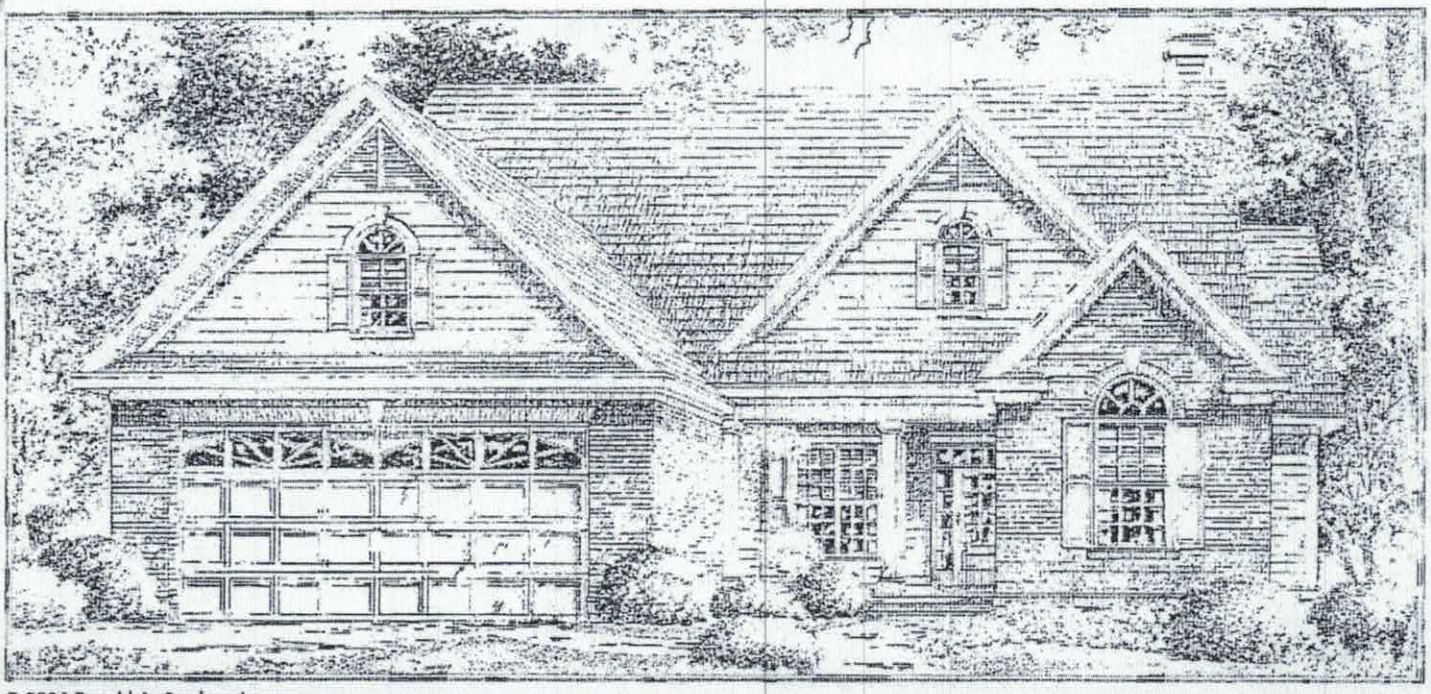
I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible 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 Dev. Co. by Scott R. Needham — 6/3/2014

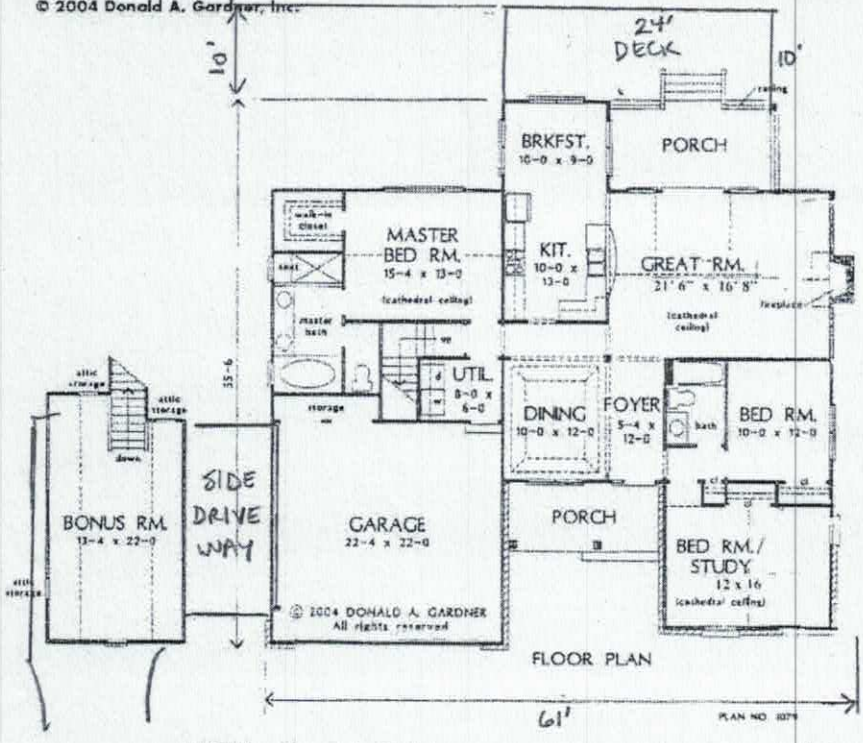
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

Lot 12 Villages at Isle of Pines
103 East Vista View Place
HOUSE PLAN

The Modified Jewell



© 2004 Donald A. Gardner, Inc.



Low-maintenance siding and brick blend together beautifully. Keystones top curved transoms, and the front-entry garage creates convenience. A column and tray ceiling distinguish the dining room, while a cathedral ceiling and fireplace enhance the great room. French doors lead to the rear porch. A breakfast bar acts as a serving counter to the great room. The master bedroom features a soaring cathedral ceiling and large walk-in closet. With a double vanity, shower with seat, garden tub and private privy, the master bath is ready to spoil homeowners. The bonus room lies just off the master bedroom and could make a great home gym

NOTE: HOUSE PLAN WILL BE REVERSED WITH RIGHT SIDE ENTRY GARAGE PER HOMEBUYER'S REQUEST. HOUSE IS 3 BR HOUSE

Bonanza Development Co, Inc.

Acknowledgement of Plans Submittal ONLY!
Scott R. Needham 1/27/17
Date
Tom Church
Date 1/30/2017

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

Total Living Area ..... 2305 sq. ft.

Iredell County
ZONING PERMIT

227 South Center St. PO Box 788 Statesville, NC 28687 Phone 704-878-3118

Call Sanitarian between 8 a.m. & 9 a.m. Statesville 704-878-5305 Mooresville 704-664-5281

Permit #:	128954ZO	Subdivision:	The Villages at Isle of Pines
Proposed Use:	Single Family	Township:	1700 Davidson
Location of Property:	000 Vista View PL Mooresville NC 28117		
Parcel #:	4636333208.012	Zoning:	RA
Lot #:	12 Size: .689	Flood Plain:	No Watershed: WSIV-CA
Applicant:	Bonanza Development Company, Inc	Owner:	MIOP LLC
Address:	816 G Brawley School Road Mooresville NC 28115	Address:	816 BRAWLEY SCHOOL RD SUITE C MOORESVILLE, NC 281170000
Phone:	704-662-0105	Phone:	
Property Recorded:	Yes Site Plan Reviewed:	Community Water:	Yes Community Sewer:

If permitted the following minimum requirements must be met, unless Health Department requires more land area, or other qualifications are indicated in the comments.

Min. Lot Area: 30000	Min. Front Yard: 35 ft	Min. Left Side Yard: 15 ft
Min. Lot Width: 100	Min: Rear Yard: 35 ft	Min: Right Side Yard: 15 ft
Min. Number Parking Spaces:		Max. Built Upon Area:

Comments:

Hold building permit till Plat has been recorded.

Directions:

Brawley School Rd south, left Isle of Pines,left Meadow Crest Lane, right Vista View Place, property on left

FEES

Zoning Permit/Inspection Fee	☑	$45.00
Site Plan Review Fee	☐	$0.00
Environmental Health New System	☑	$200.00
Environmental Health Existing System	☐	$0.00
Total Fees:		$245.00

I certify that all statements made in this application and any attached documents are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that false information may be grounds for rejection of this application. Authorized Health Department and Planning & Enforcement Representatives are granted right of entry to make evaluations or inspections and to release information upon public request.

Applicant: Mmcdlald Date: 5/25/5

A non-refundable fee of $45.00 is charged on all permit applications.

DEBBIE WILLIAMS Printed: 5/25/2005