9130

PSB

AP

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625

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

PERMIT # 309082

APPLICANT/OWNER: JBR Custom Homes Inc APPLICANT ADDRESS: 147 Castle Dr. Mooresville NC 28117

PIN # 4648 42 5337

SITE ADDRESS: 135 Hunts Landing Dr Mooresville, NC 28117 PHONE: 704-664-8814 ALT. PHONE

SITE DIRECTIONS: Hwy 150 W TR Bluefield Rd TL Big Indian Lp right fork TL Hunts Landing

SUBDIVISION: Hunts Landing SECTION: — LOT # 60 LOT AREA: .813Ac SAP CONTROLLED: ☒ YES ☐ NO

DESIGN FLOW: 600gpd L.T.A.R.: .3

Septic Tank 1500 (gal) STB 964 Date 2-5-2021

Pump Tank 1500 (gal) PT 384 Date 1-24-2021

Pump Make Liberty Model 2210 Serial #

Nitrification Fields 1 Lines 5 Linear Ft: 335

Trench Width min 24" Trench Bottom Depth (Low side) max 36" Gravel Depth N/A

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

System Description: LPPDBPS

Repair System Description:

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

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

No. Bedrooms 5 No. Persons 10 No. Employees Crawl Space

☒ Water Supply: Private ☐ Public ☐ Community

☐ Basement w/o plumbing

Comments / Conditions:

4/28/21 Checked drain lines & set pressure
Installed Quick 4 as Shown

INITIAL SITE SKETCH

See attached, approved Septic Plan by Michael Athanas & Assoc (dated 2/10/2021)

AS BUILT SKETCH

	Date	Initials
Drain Lines Checked	4/28/21	MD
Tanks Checked	3-17-21	BCW
Pressure Manifold or Valve Box Checked		
Pressure Head Set	4/28/21	MD
Electrical Checked	5/27/21	MD
Floats Set		
Alarm Checked		
Maintenance Contract (Y) / N		
Comments:		

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: [signature] Date: 2/19/21

IMPROVEMENT PERMIT by: Maria L Olsen Date: 2/18/21

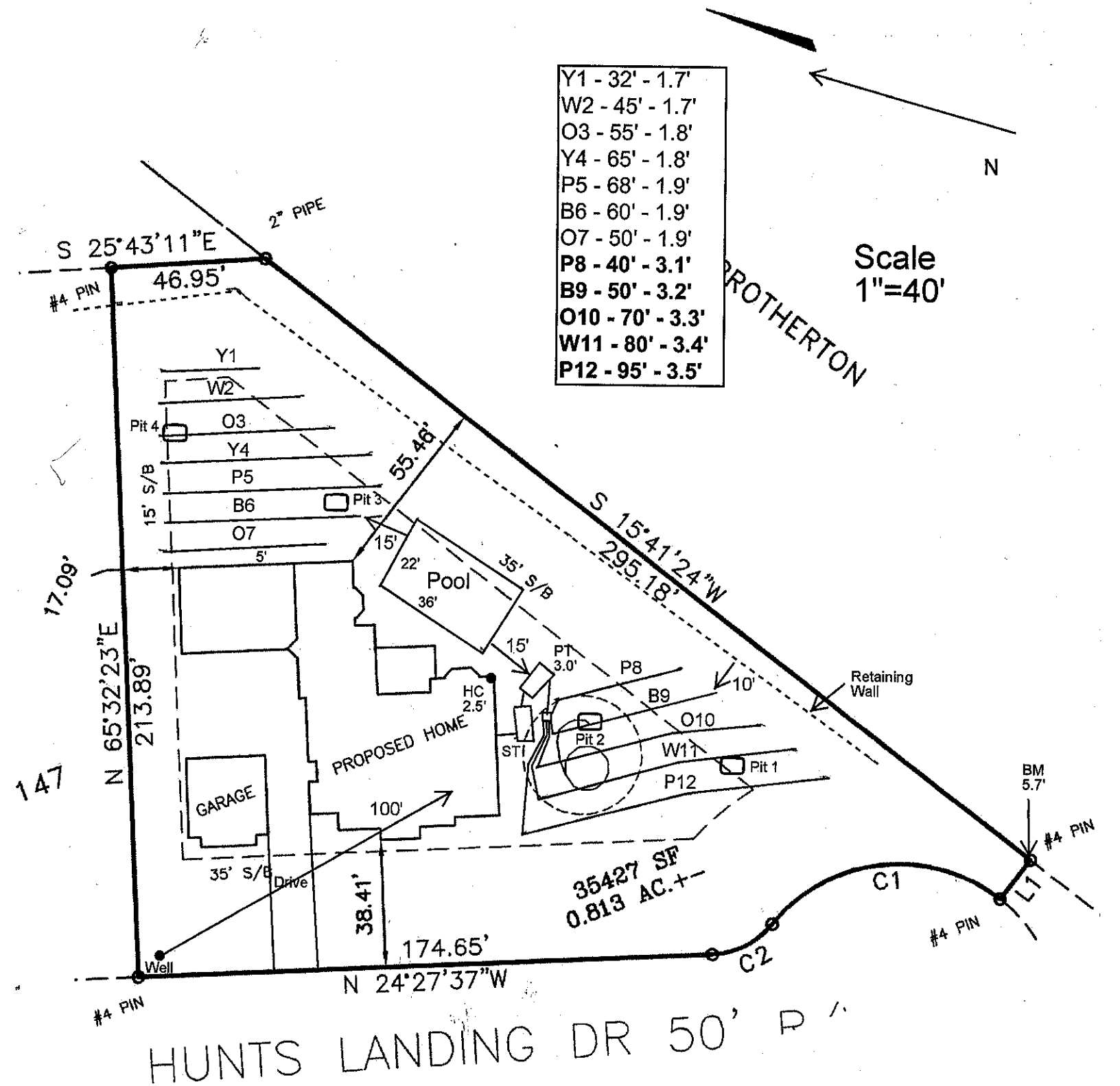
AUTHORIZATION TO CONSTRUCT by: Maria L Olsen Date: 2/18/21

Installed by: RICHARD ABERNATHY

OPERATION PERMIT by: Maria L Olsen Date: 5/27/21

Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION CALL THE BOX 3701 Revised Sept. 97


Y1 - 32' - 1.7'
W2 - 45' - 1.7'
O3 - 55' - 1.8'
Y4 - 65' - 1.8'
P5 - 68' - 1.9'
B6 - 60' - 1.9'
O7 - 50' - 1.9'
P8 - 40' - 3.1'
B9 - 50' - 3.2'
O10 - 70' - 3.3'
W11 - 80' - 3.4'
P12 - 95' - 3.5'
N
Scale
1"=40'
2" PIPE
S 25°43'11"E
46.95'
#4 PIN
ROTHERTON
Y1
W2
Pit 4
O3
Y4
P5
B6
Pit 3
O7
15' S/B
5'
55.46'
S 15°41'24"W
295.18'
15'
22'
Pool
36'
35' S/B
17.09'
N 65°32'23"E
213.89'
15'
PT
3.0'
P8
B9
O10
W1
P12
10'
Retaining
Wall
HC
2.5'
STI
Pit 2
Pit 1
PROPOSED HOME
GARAGE
100'
35' S/B
Drive
38.41'
35427 SF
0.813 AC.+-
C1
C2
L1
BM
5.7'
#4 PIN
#4 PIN
#4 PIN
Well
174.65'
N 24°27'37"W
147
HUNTS LANDING DR 50'



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556 Walden Trail
Weddington, NC 28173
(704) 576-3887
2/10/2021

Reference: Data Sheet for 135 Hunts Landing Dr, Hunts Landing Lot 6
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms/Daily Flow: 5/600 GPD
Proposed LTAR: 0.3 GPD/FT^2
Proposed System Type: LP PPBPS
Proposed Repair System Type: LP PPBPS
Distribution: Low Pressure-CVB
Flow per Orifice: 0.41 GPM
Orifice Size: 5/32"
System Flow: 31.6 GPM
Dosing Volume: 277.2 gallons
Pump Run Time: 8.8 minutes
Elevation Head: 5.1'
Friction Head: 0.3'
Pressure Head: 2'
Total Dynamic Head: 7.4'
Supply Line Length: 10' of 2" PVC
Septic/Pump Tank Size: 1500/1500 gallons
Proposed Trench Bottom: 36"



Line	Design Length	# of Panels	Actual Length	Elevation
Yellow 1			32'	1.7'
White 2			45'	1.7'
Orange 3			55'	1.8'
Yellow 4			65'	1.8'
Pink 5			68'	1.9'
Blue 6			60'	1.9'
Orange 7			50'	1.9'
Pink 8	**40'**	**9**	**43'**	**3.1'**
Blue 9	**50'**	**12**	**53'**	**3.2'**
Orange 10	**70'**	**16**	**73'**	**3.3'**
White 11	**80'**	**18**	**83'**	**3.4'**
Pink 12	**95'**	**22**	**95'**	**3.5'**

Initial System: 335'
Pump Tank: 3.0'
Benchmark: 5.7'

Repair System: 375'
House Corner: 2.5'

Comments:

PROPERTY ID #: 4648425337_
COUNTY: __Iredell____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: JBR Custom Homes _____ APPLICATION DATE_____
ADDRESS: Mooresville, NC 28117_____ DATE EVALUATED: _____
PROPOSED FACILITY: __5 BDRM_____ PROPOSED DESIGN FLOW (.1949): __600 GPD_ PROPERTY SIZE: __0.813 AC_____
LOCATION OF SITE: 135 Hunts Landing Dr, Hunts Landing Lot 6_____ PROPERTY RECORDED: _____
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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	LS 1%	0-48	R CL WSBK	FR SS SP SXP	N/A	48"	Few SAP	N/A	PS 0.3-0.35
2	LS 1%	0-30	R CL WSBK	FR SS SP SXP	N/A	30"	F-C SAP PS	N/A	PS 0.3-0.4
		30-61	VER SL SAP M	VFR SS SP SXP					
3	LS 1%	0-34	R CL WSBK	FR SS SP SXP	N/A	52"	F-C SAP Com SAP	N/A	PS 0.3-0.35
		34-52	R L WSBK	VFR SS SP SXP					
4	LS 1%	0-32	R CL WSBK	FR SS SP SXP	N/A	32"	F-C SAP PS	N/A	PS 0.3-0.4
		32-63	VER SL SAP M	VFR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	670 FT^2	750 FT^2
System Type(s)	PPBPS	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): __PS_____
EVALUATED BY: _____MA&A_____
OTHER(S) PRESENT: _____

COMMENTS: _____

RECEIVED FEB 1 2 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

AP-359082
$350.00

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) Septic Improvement Permit (✓) 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 ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY) 1417

Applicant Name: JBR Custom Homes Inc **Address:** Castle Dr, Mooresville, NC **Zip:** 28117

Applicant Email: _____ **Phone:** Jeff 704-661-8814 **Alt. Phone:** _____

Owner Name: Same **Address:** _____ **Zip:** _____

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

Property Information:

Street Address: 135 Hunts Landing Dr

Subdivision Name: Hunts Landing **Section/Phase:** _____ **Lot Number:** 6

Driving Directions: _____

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

CHECK FOUNDATION TYPE

(✓) 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: 5
Maximum Number of Occupants: 10
(✓) 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: _____ 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 ( ) 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 (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) 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: _____ 2/11/2021
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, Jeffrey Hunt as Pres. SBR Custom Homes, Inc, am the legal owner(s) of the property located at 135 Huntsland Dr, Mooresville, NC 28117 identified as PIN (Parcel Identification Number) 4664425357.000 located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** Michael Athanas & Associates, 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.

Jeffrey Hunt 2/10/2021
Signature of Owner(s) (as President) Date

[signature] 2/10/2021
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

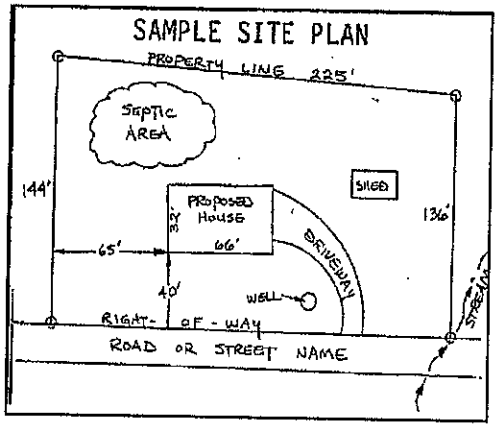
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

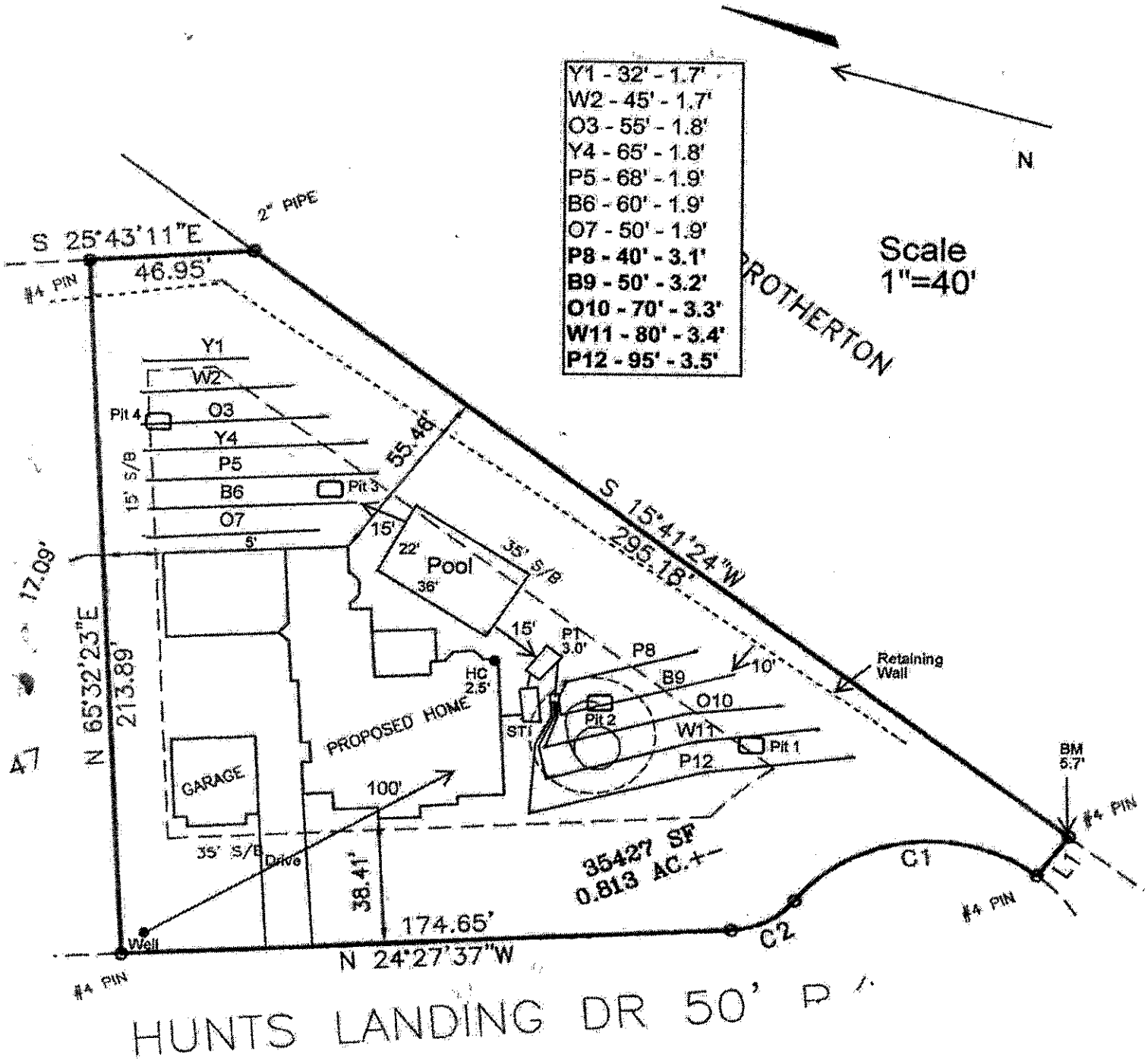
USE THIS SPACE TO DRAW YOUR SITE PLAN

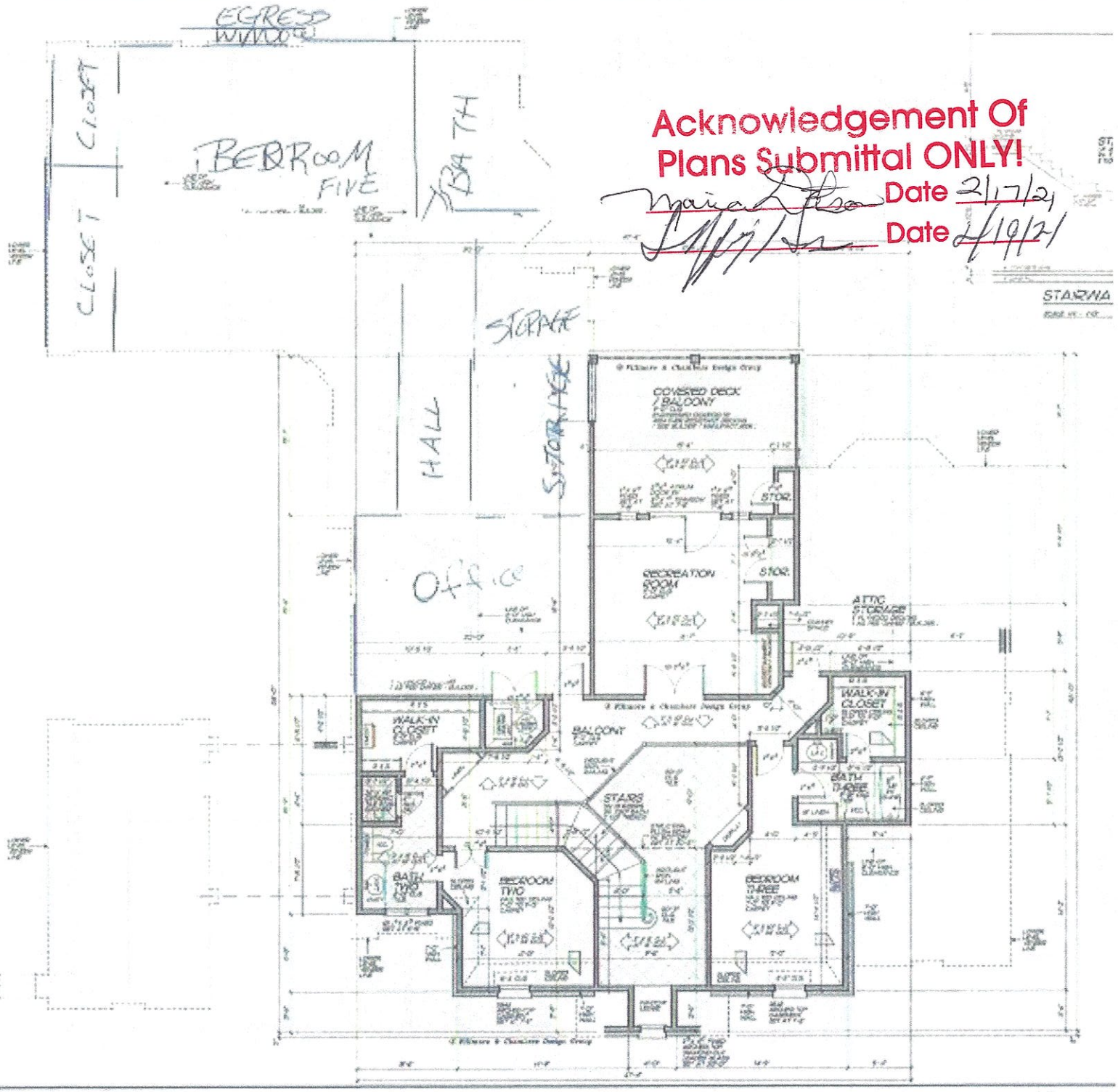
Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See attached plan

Signature: _____ 2/11/2021

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

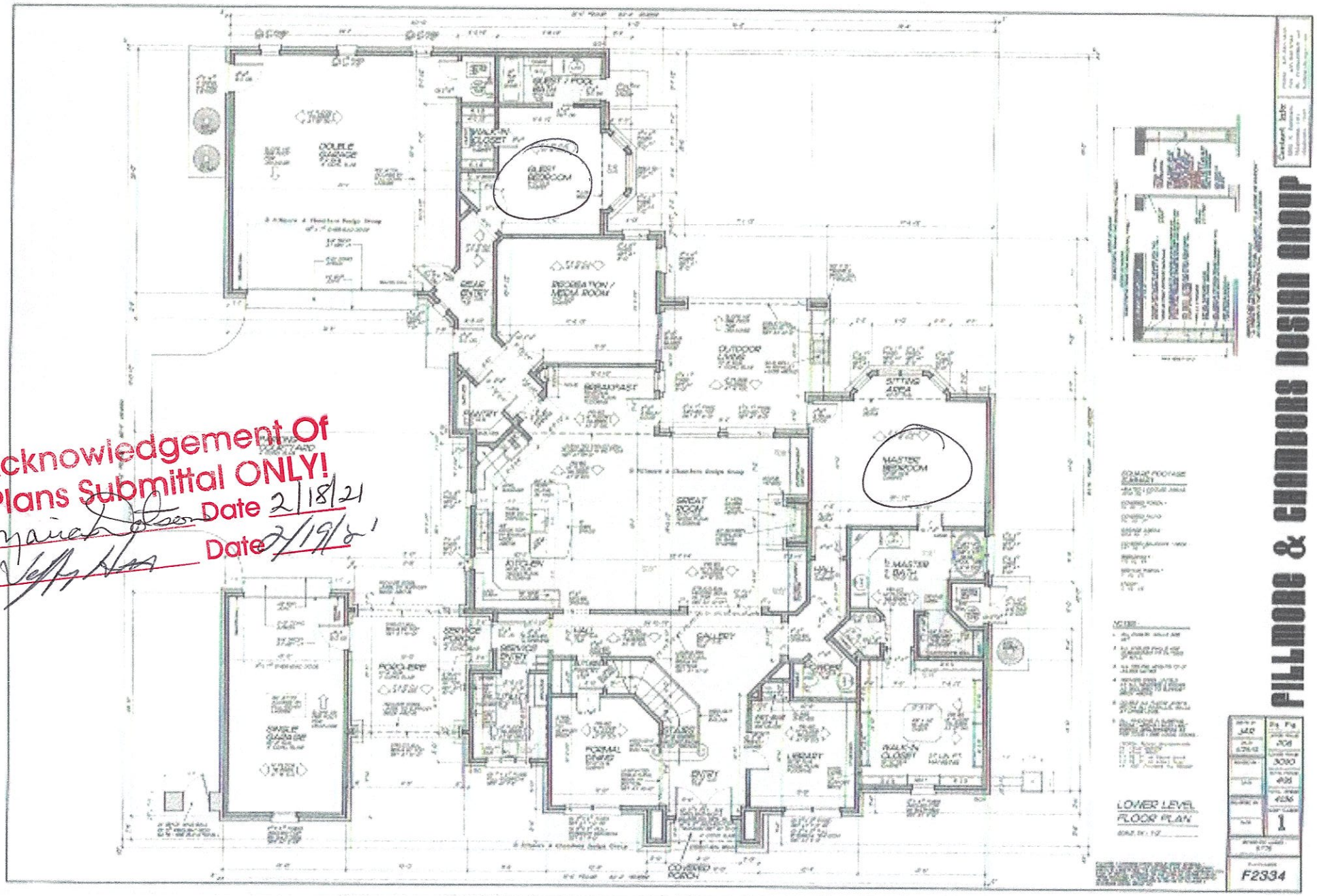

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N 65°32'23"E
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2.5'
PROPOSED HOME
STI
Pit 2
P1
3.0'
P8
B9
O10
W11
P12
Pit 1
10'
Retaining
Wall
BM
5.7'
#4 PIN
GARAGE
100'
35' S/B Drive
38.41'
35427 SF
0.813 AC.+-
C1
L1
#4 PIN
174.65'
N 24°27'37"W
C2
Well
#4 PIN
HUNTS LANDING DR 50' R/



Acknowledgement Of
Plans Submittal ONLY!

Date 2/17/21

Date 2/19/21


Acknowledgement Of
Plans Submittal ONLY!
Date 2/18/21
Date 2/19/21
FILLMORE & CHAMBERS DESIGN GROUP
LOWER LEVEL
FLOOR PLAN
F2334

IREDELL COUNTY · NC

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

APPLICATION NUMBER
309082 Issue Date: 07/14/2020

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4648425337.000	135 HUNTS LANDING DR	Iredell County

Owner Information	Applicant Information
Name: JBR CUSTOM HOMES INC	Name: MICHAEL ATHANAS & ASSOCIATES
Address:	Address: 561 ENNIS RD
,	WEDDINGTON, NC 28173
Phone:	Phone: (704)576-3887

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.813	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD

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.

Signature of Owner/Contractor

Date: 07/14/2020

Permit Number	309082

TOTAL FEES:	$77.25