IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 236581

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

PIN # 4646-09-2124

APPLICANT/OWNER: Pedro A. Joya APPLICANT ADDRESS: 213 Regency Rd. Mooresville, NC

SITE ADDRESS: 187 Regency Rd. Mooresville, NC 28117 PHONE: 704-380-5032 ALT. PHONE

SITE DIRECTIONS: BSR towards Lake Norman → L on Canvasback → L on Regency Rd → Lot on left SAP CONTROLLED: ☐ YES ☒ NO

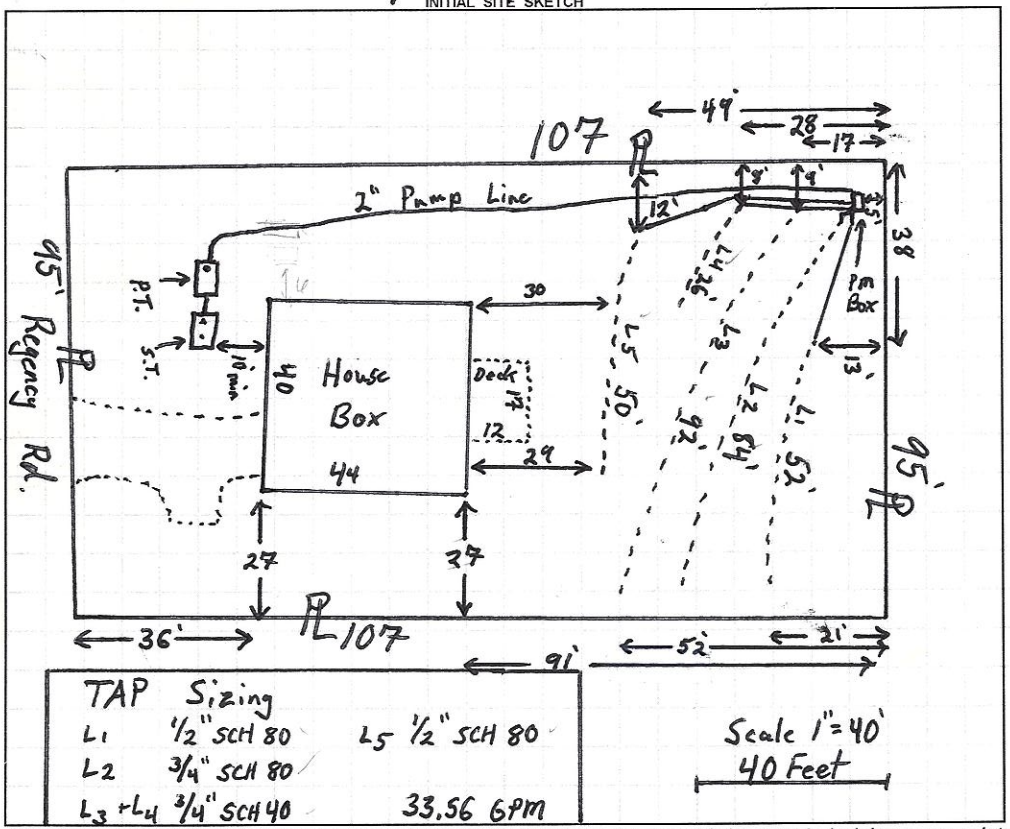
SUBDIVISION: Regency Lake VILLAGE SECTION: LOT # 8 LOT AREA: 0.37 acres DESIGN FLOW: 360 L.T.A.R.: 0.30

Septic Tank	1000 (gal)	STB	760	Date	9/15	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	1000 (gal)	PT	3603	Date	7/14	System Description: PM - 25% Reduction		☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description: Exempt (Plat Date 10/6/1970)		☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5 (4 Taps)	Linear Ft	304	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	34" (36" high side)	Gravel Depth	—	☐ GRAVITY ☒ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

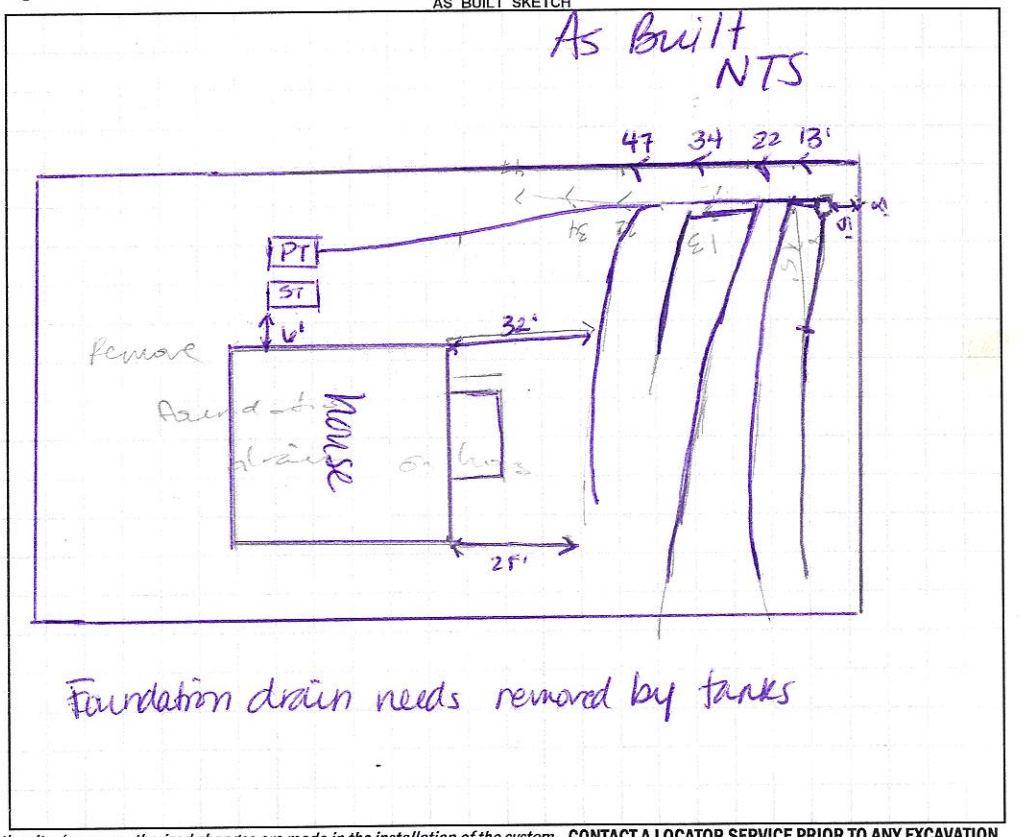
Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Lines L_3 + L_4 to be serial connected and utilize the same tap. Recommend pumping septic tank every 3 years.
5-14-2020: New floorplan approved. Foundation drain cannot be less than 25' from sidewall of lowest septic line (L5). Steps/landing in front of house may not be within 5 feet of ST/PT.

INITIAL SITE SKETCH



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: Pedro A Joya Date: 12-4-18 Installed by: Adan Garcia

IMPROVEMENT PERMIT by: Tom Shuck Date: 12/3/18 OPERATION PERMIT by: Maria Dotson Date: 3/21/22

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 12/4/18 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.

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 236581

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

PIN # 4646-09-2124

APPLICANT/OWNER: Pedro A. Joya APPLICANT ADDRESS: 213 Regency Rd. Mooresville, NC

SITE ADDRESS: 187 Regency Rd. Mooresville, NC 28117 PHONE: 704-380-5032 ALT. PHONE

SITE DIRECTIONS: BSR towards Lake Norman → L on Canvasback → L on Regency Rd → Lot on left SAP CONTROLLED: ☐ YES ☒ NO

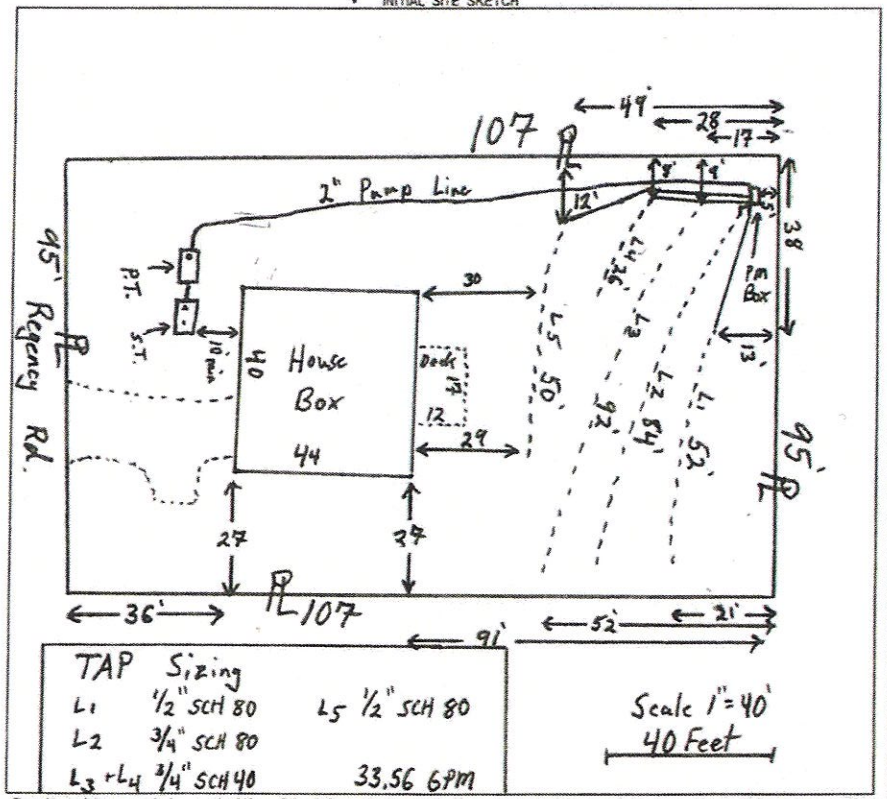
SUBDIVISION: Regency Lake SECTION: LOT # 8 LOT AREA: 0.37 acres DESIGN FLOW: 360 L.T.A.R.: 0.30

Septic Tank	1000	(gal)	STB		Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT		Date		System Description: PM - 25% Reduction				
Pump Make		Model			Serial #		Repair System Description: Exempt (Plat Date 10/6/1970)				
# Nitrification Fields	1	# Lines	5 (4 Taps)		Linear Ft	304	Maintenance Agreement Required: ☐ YES ☒ NO				
Trench Width	36"	Trench Bottom Depth(Low side)	34" (36" high side)		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: Lines L_3 + L_4 to be serial connected and utilize the same tap. Recommend pumping septic tank every 3 years.
5-14-2020: New floorplan approved. Foundation drain cannot be less than 25' from sidewall of lowest septic line (L5). Steps/landing in front of house may not be within 5 feet of ST/PT.

INITIAL SITE SKETCH



AS BUILT SKETCH

As Built



	Date	Initials
Drain Lines Checked	10/18/21	DW
Tanks Checked	10/18/21	DW
Pressure Manifold or Valve Box Checked	10/18/21	DW
Pressure Head Set	10/18/21	DW
Electrical Checked	3-11-2022	BCW
Floats Set	10/18/21	DW
Alarm Checked	3/21/21	M
Maintenance Contract Y (N)	10/18/21	DW

Remove Foundation drains w/in 10' of tank

Foundation drain needs removed by tanks
REMOVED 3-11-2022 BCW
6 IN ABOVE ~~GRADE~~ GRADE ON PUMP TANK 3-11-2022
REQUIRED

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: Pedro A Joya Date: 12-4-18 Installed by: Adan Garcia

IMPROVEMENT PERMIT by: Tom Shuck Date: 12/3/18 OPERATION PERMIT by: Maria Dotson Date: 3/21/22

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 12/4/18 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.

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4646-09-2121
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Pedro Joya
ADDRESS: 213 Regency Rd. Mooresville NC
PROPOSED FACILITY: 4BR SFR
PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 187 Regency Rd. Mooresville
WATER SUPPLY: ☐ Private ☒ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE: 9/19/18
DATE EVALUATED: 10/29/18
PROPERTY SIZE: 0.37 acres
PROPERTY RECORDED: Yes - 1970

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	LSS 8%	0-7	SCL v.w.SBK	Sl. Fr., SS, Sp, Sexp					0.30 PS
		7-30	Clay loam w/m SBK	Sl. Firm, Sticky Sp, Sexp					
		30-48	Clay Loam w. SBK common fine/ trace Sand	Friable, SS, Sp, Sexp					
2									
3				L_1 p 47 L_2 w 72 L_3 p 80 L_4 pw 20 L_5 w 50					
4				279 (5 allowance, Yes!)					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck (Cram for notes)
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay) O (Organic)	0.4 - 0.1	0.2 - 0.05		
			None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
EFI (Extremely Firm)	NP (Non-plastic)
	SP (Slightly Plastic)
	P (Plastic)
	VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

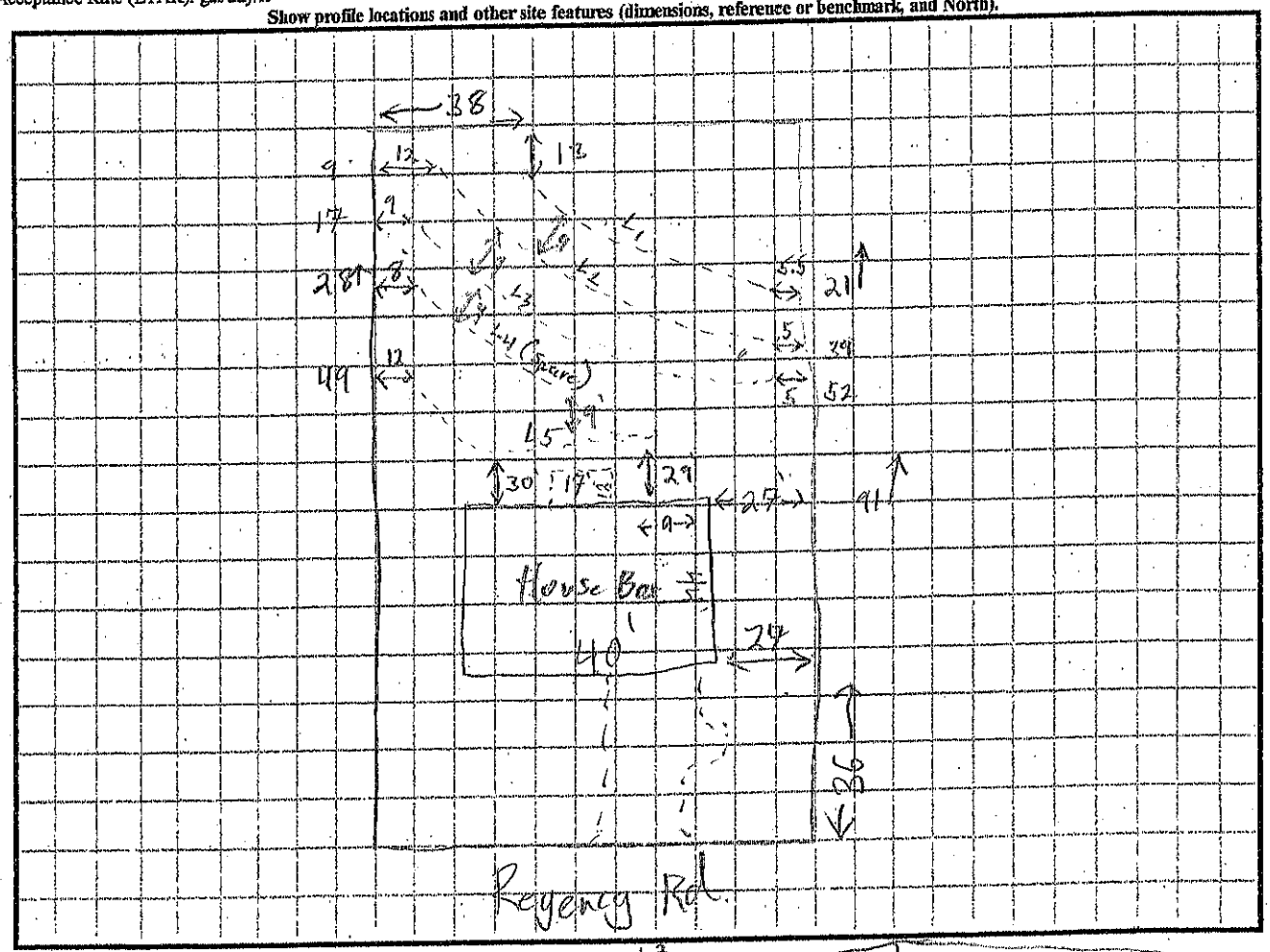
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DENR (######)
Review (#####)

L1 P 47 4.66 (+6)
L2 W 72 5.30 (+5) (+7)
L3 P 80 6.10 (+6)

299
6
12
6
303

* 53
* 84
* 86 +6 = 305
20 +6 * System failed out of 9 tanks
50
293

273

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

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)

Applicant Name: Pedro Joya Address: 213 Regency Rd Mooresville NC Zip: 28117
Applicant Email: aristdesjoya@yahoo Phone: 704-380-5032 Alt. Phone:
Owner Name: Pedro Joya Address: 213 Regency Rd Mooresville NC Zip: 28117
Owner Email: aristidesjoya@yahoo Phone: 704-380-5032 Alt. Phone:

Property Information:

Street Address: 187 Regency Rd, Mooresville, NC 28117
Subdivision Name: Regency Lake Section/Phase: Lot Number: 8
Driving Directions: BSR towards Lake Norman → L on Canvasback → L on Regency Rd → Lot on left

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

(✓) 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: 3415 Max. Number of Employees: 2 Max. Number of Seats/Beds/Other:

CHECK FOUNDATION TYPE

(✓) 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: 6
( ) 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:

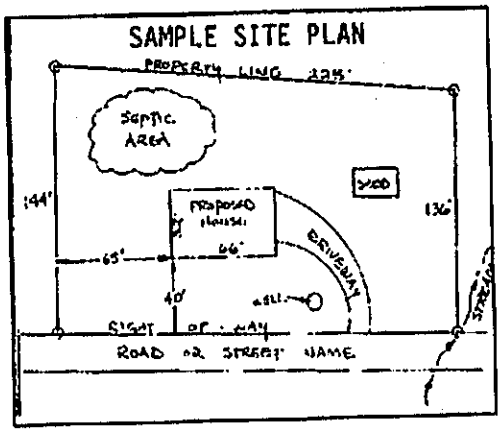
( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

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: Pedro Joya 4/24/20
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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:

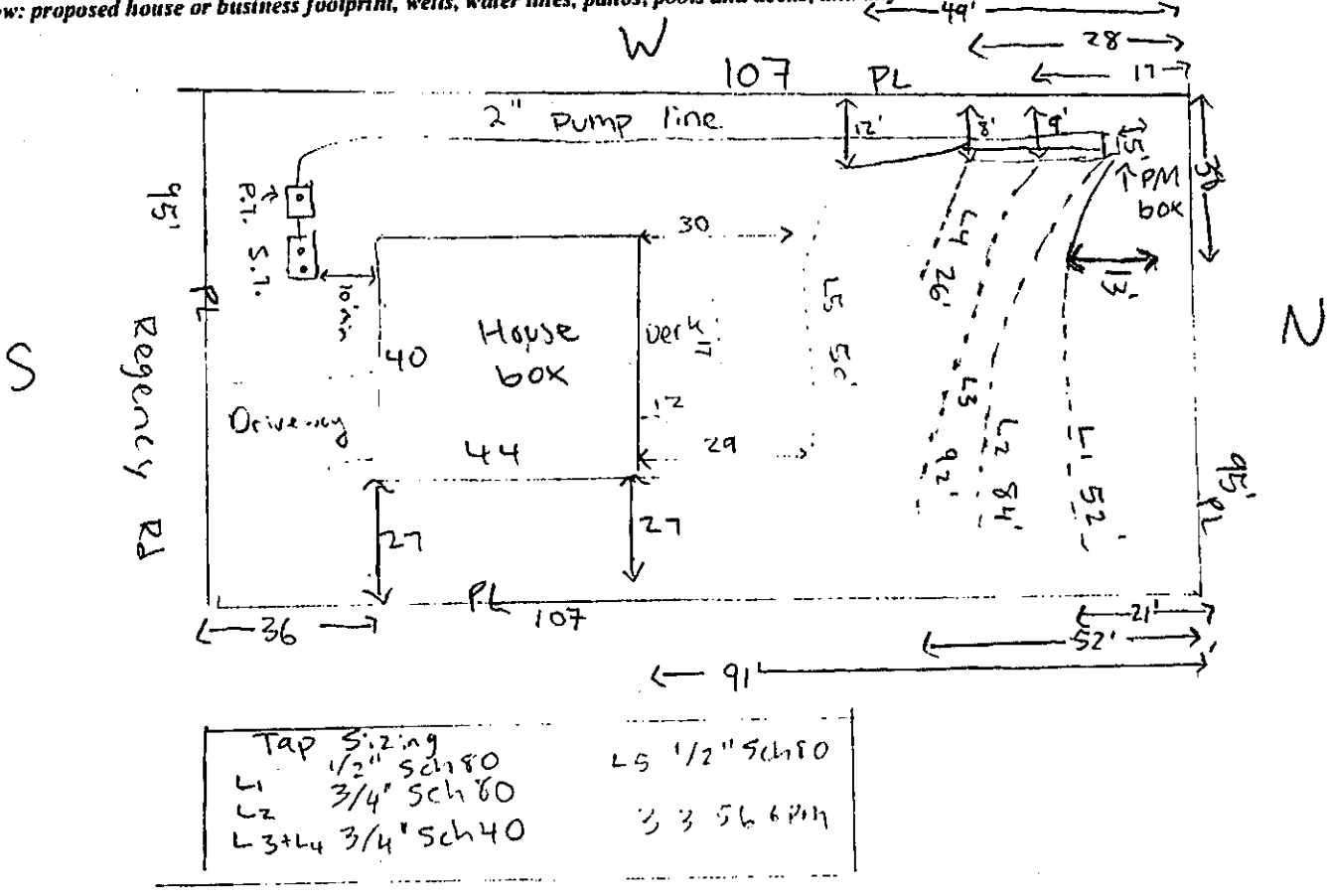
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- ( ) Preferred well location
- (X) Preferred septic system location
- (X) North arrow, or other sufficient indicator 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

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



Tap Sizing		
L1	1/2" Sch 80	L5 1/2" Sch 80
L2	3/4" Sch 80	3 3 56 PM
L3+L4	3/4" Sch 40	

Signature: [signature] 4/29/20

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

(Check and sign only ONE of the options below)

1. *** APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) Pedro Joya 4/24/20

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.

2. I, Pedro Joya, am the legal owner(s) of the property located at 187 Regency Rd. Mooresville, NC 28117, identified as

PIN (Parcel Identification Number) 464 609 2124.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) PJ

PJ, 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

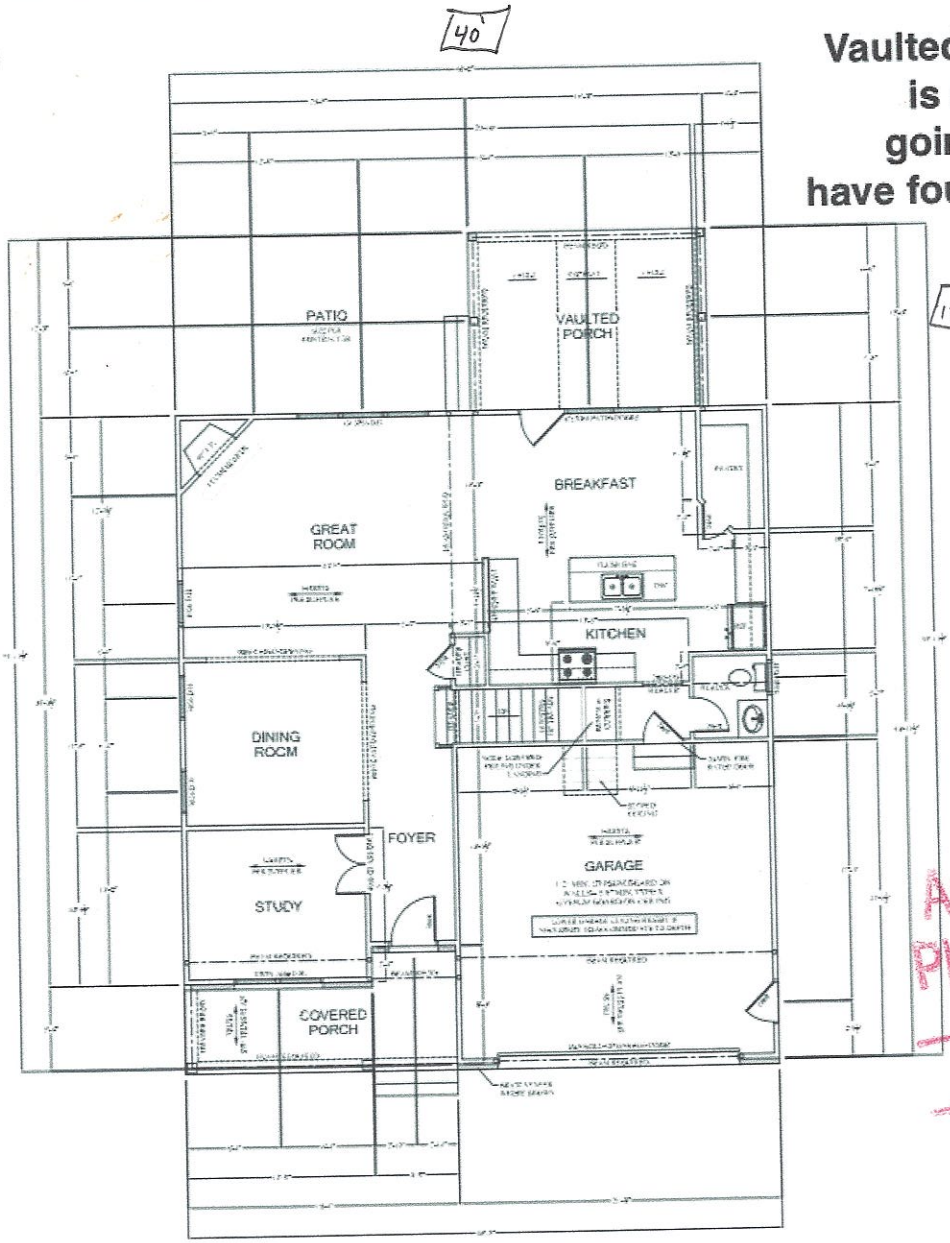
I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Pedro Joya
Signature of Owner(s)

4/24/20
Date

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



Vaulted porch is not going to have foundation ✓

✓

Acknowledgement of Plans Submitted ONL Date 5/14/2020
Tom Church
Pedro Joya 5/5/20

SQUARE FOOTAGE	
FIRST FLOOR-	1191
SECOND FLOOR-	1450
TOTAL HEATED-	2641
GARAGE-	485
FRONT PORCH-	117
REAR PORCH-	192

DATE 10/01/18

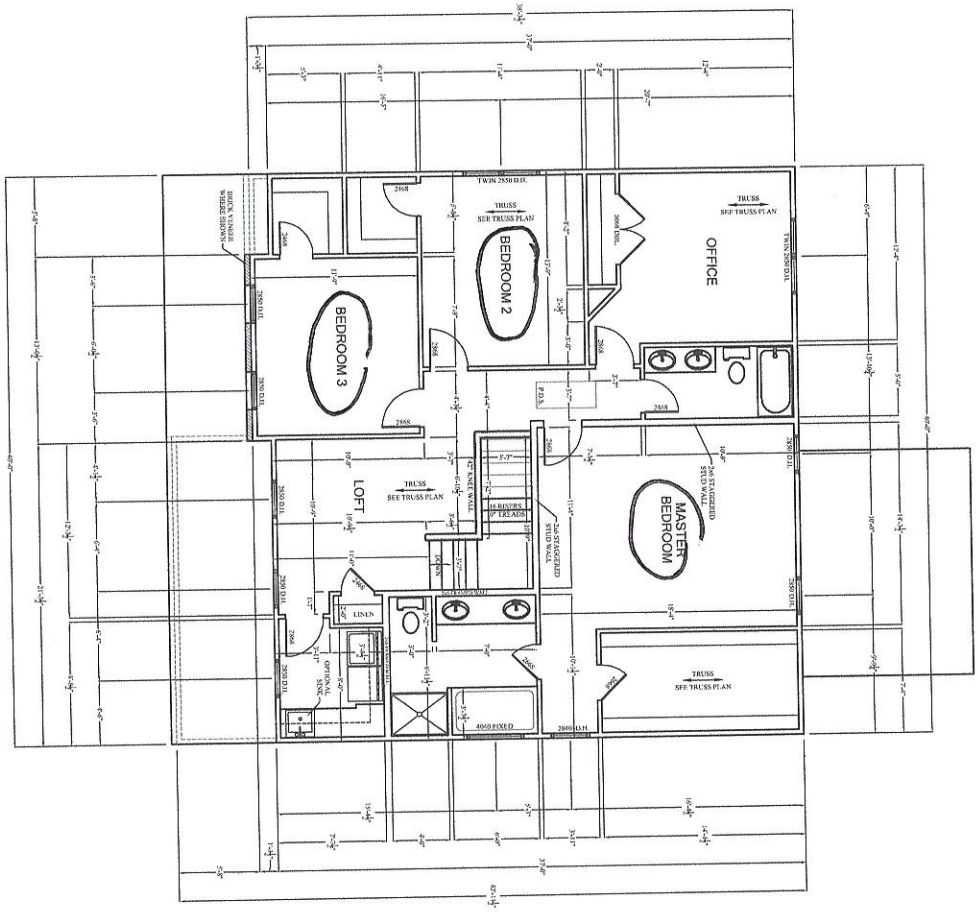
FILE NAME JOYA FINAL2

Pedro Joya
(704) 380-5032

187 Regency Road
Mooresville, NC 28117

FIRST FLOOR PLAN

SCALE: 1/4"= 1'-0"



Approved Document Of Plans Submitted ONLY

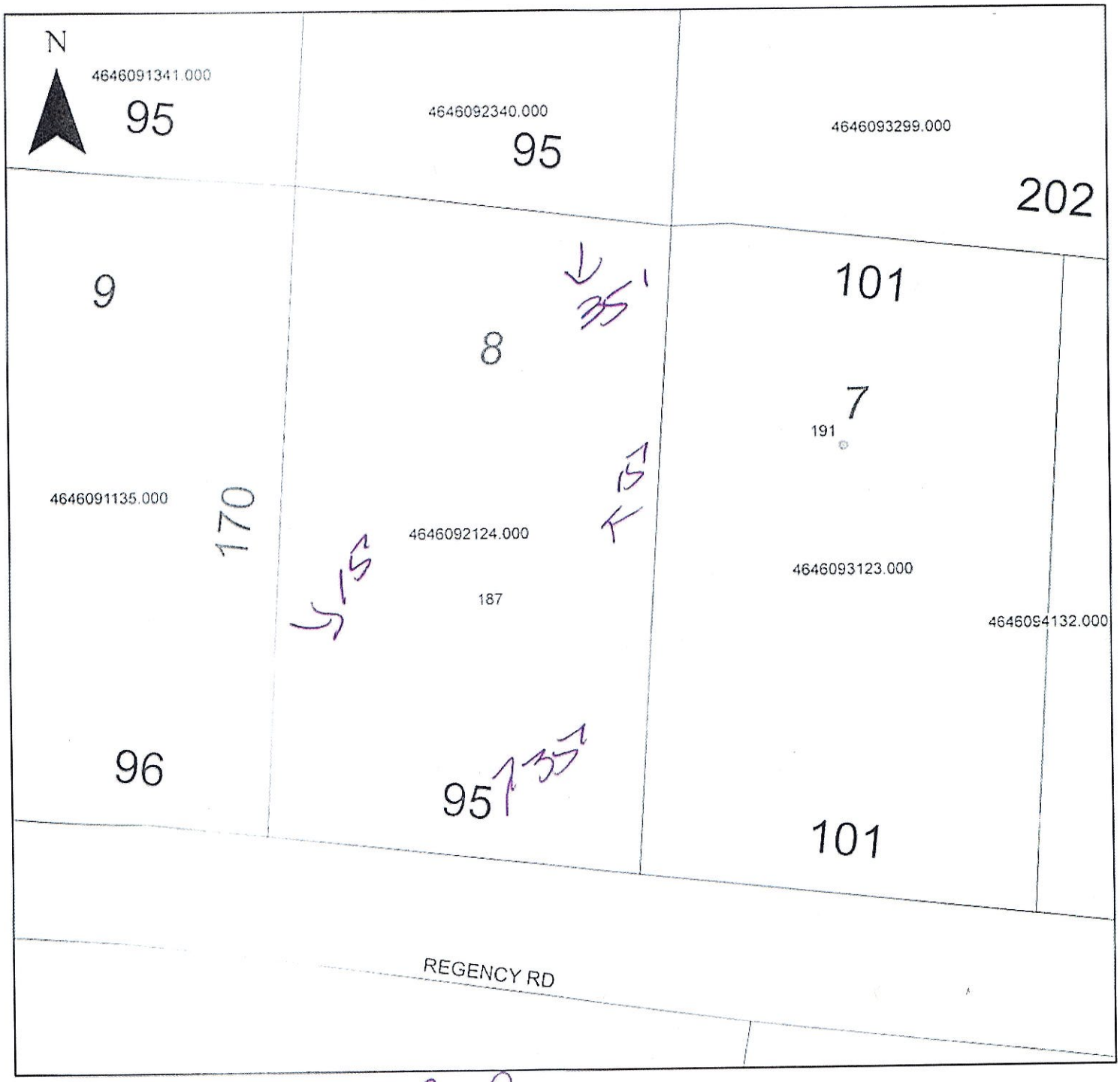
Sam Hinkle 5/12/2020
Date

Pedro Joya 5/5/20
Date

1. SECOND FLOOR CEILING=9'-0" CLG. (U.N.O.)
2. ALL FRAMING TO BE 16" O.C. (U.N.O.)
3. ALL FRAMING TO BE #2 GRADE OR BETTER
4. FOR SIZES, STRUCTURAL REQUIREMENTS AND FOR ENGINEERED WOOD PRODUCTS AND ENGINEERED LUMBER SEE TRUSS PLAN
5. STRUCTURAL SUPPORTED STEEL TIE BEAMS
6. ALL WALL ANGLES ARE 4"=(U.N.O.)
7. ALL INTERIOR WALLS ARE 2"x4" (U.N.O.)
8. ALL EXTERIOR WALLS ARE 2"x6" (U.N.O.)
STORY AT 1'-11" FOR INTERIOR WALLS AND 2'-11" FOR EXTERIOR WALLS (U.N.O.)
9. ALL EXTERIOR WALLS INCLUDE 1/2" SHEETING THICKNESS
10. ALL EXTERIOR WINDOWS ARE DOUBLE PANE
11. PROVIDE R-30 VENTS TEMPERED
12. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
13. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
14. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
15. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
16. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
17. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
18. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
19. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED
20. ALL SHOWER & TUB ENCLOSURES ARE TEMPERED

PAGE 5 OF 6	SECOND FLOOR PLAN SCALE: 1/4"= 1'-0"	187 Regency Road Mooresville, NC 28117	Pedro Joya (704) 380-5032	FILE NAME JOYA FINAL2	DATE 11/17/18

ZONING DISCLAIMER



Property Address 187 Regency

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. Applicant further acknowledges that the 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.

Pedro Zuya
Applicant

4/24/20
Date