IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 230356

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

PIN # 4635869214

APPLICANT/OWNER: Patrick Joseph Distinctive Homes | APPLICANT ADDRESS: 20600 N Main St. Cornelius, NC | PHONE: 571-395-0844 | ALT. PHONE 980-722-1118

SITE ADDRESS: 310 Camino Real Rd. Mooresville, NC | SAP CONTROLLED: ☐ YES ☑ NO

SITE DIRECTIONS: US 21S → L on Move → R on Templeton → L on Camino Real → lot on R | DESIGN FLOW: 480gpd | L.T.A.R. .3/.3 respectively

SUBDIVISION: Lakeview Park | SECTION: — | LOT # 2 | LOT AREA: 1 ac

Septic Tank	1000 (gal)	STB	794.	Date	8-1-19	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI
Pump Tank	1000 (gal)	PT	283	Date	8-1-19	System Description:	LP PPBPS		
Pump Make		Model		Serial #		Repair System Description:	LP PPBPS		
# Nitrification Fields	1	# Lines	3@90'	Linear Ft	270'	Maintenance Agreement Required:	☐ YES	☐ NO	
Trench Width	24"	Trench Bottom Depth(Low side)	28" / 31" high	Gravel Depth	—		☐ GRAVITY	☑ PRESSURE	

☑ Residence	No. Bedrooms	4	Water Supply		
☐ Business	No. Persons	8	☑ Private		
☐ Other	No. Employees		☐ Public		
☑ Slab	☐ Crawl Space		☐ Community		
☐ Basement w/ plumbing	☐ Basement w/o plumbing				

Comments / Conditions: * Do not exceed max trench depth of 31" * Maintain 50' from any well. No vehicular traffic over septic area. Strongly recommend fencing off septic area during construction. Drive crossing into septic easement, but does not impact drain lines.
* Floor plans submitted for 3 bedrooms, however permit issued is for 4 bedrooms.

Well 56Ft Away from Tanks - B. Bollais 9/6/19.

PLOT SITE SKETCH

See attached site plan

AS BUILT SKETCH

SUPPLY LINE CHECKED 9-10 BCW

	Date	Initials
Drain Lines Checked	9-10	BCW
Tanks Checked	9-6	BB
Pressure Manifold or Valve Box Checked	1/30/2020	PJB
Pressure Head Set	1/30/2020	PJB
Electrical Checked	1/30/2020	PJB
Floats Set	1/30/2020	PJB
Alarm Checked	1/30/2020	PJB
Maintenance Contract (Y) / N	1/30/2020	PJB

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: 10/18/18

IMPROVEMENT PERMIT by: [signature] Date: 9-27-18

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 9-27-18

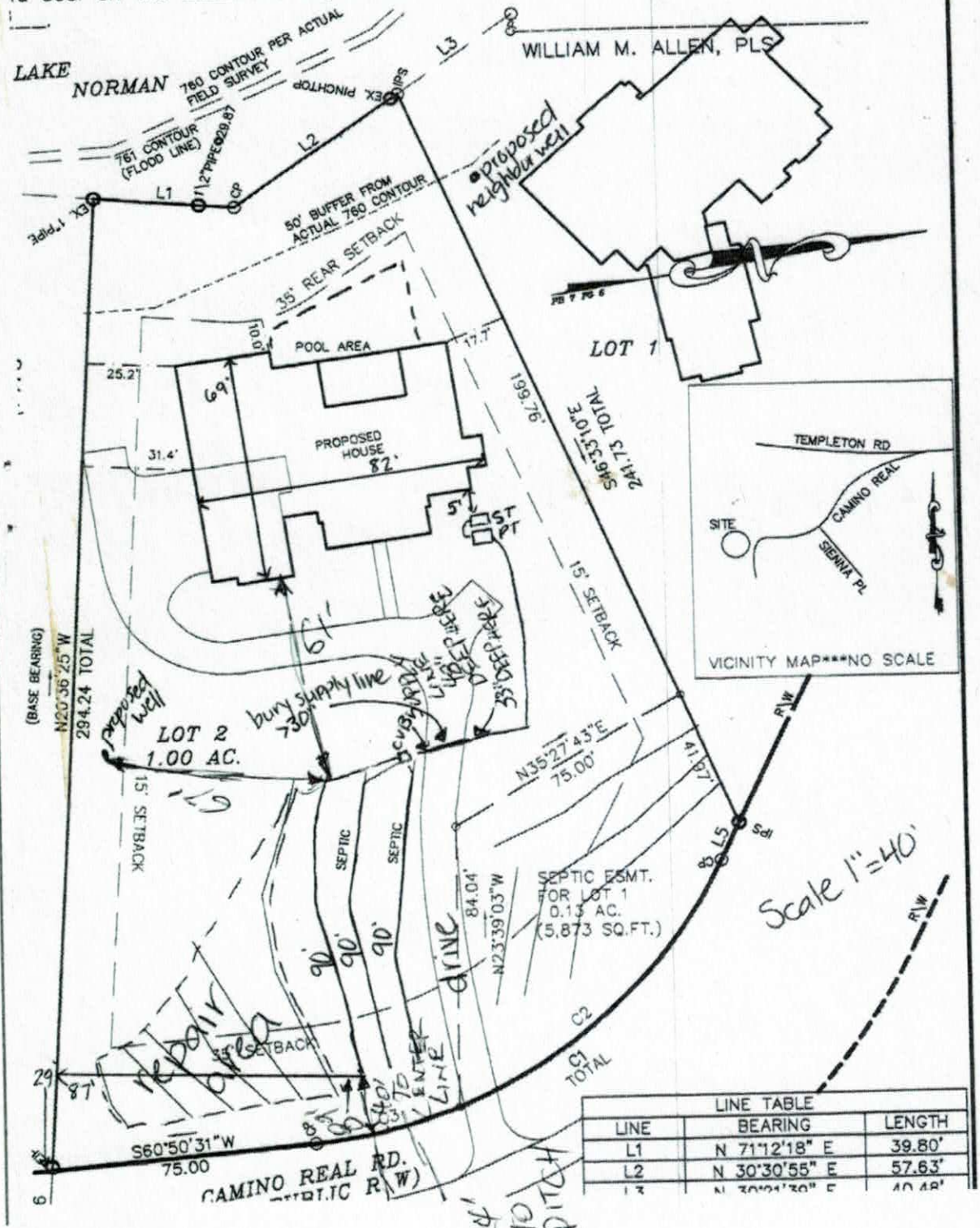
Installed by: RJH of Lake Inc

OPERATION PERMIT by: [signature] Date: 2/30/2020

Existing System Inspected by: _____ Date: _____

Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

ertify that this map was drawn under my supervision from an actual
e under my supervision recorded in deed book 2492, page 2168, and/or
67, page 28, that the ratio of precision is 1':10,000, that this map
d in accordance with the General Statutes of North Carolina Chapter 89C.
id seal on the 18, day of SEPT.



LINE TABLE		
LINE	BEARING	LENGTH
L1	N 71°12'18" E	39.80'
L2	N 30°30'55" E	57.63'
L3	N 30°21'39" E	40.48'

230356

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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: Patrick Joseph Dotrnc Address: Home 20000 N. Main St Cornelius NC Zip: 28031
Applicant Email: BWelch@PJDHomes.com Phone: 571-395-0844 Alt. Phone: 704-929-7179
Owner Name: PJD Homes Address: 20000 N. Main St. Cornelius NC Zip: 28031
Owner Email: MShalvoye PJDHomes.com Phone: 980-722-1118 Alt. Phone: _____

Property Information:

Street Address: 310 Camino Real Rd Mooresville NC 28117
Subdivision Name: _____ Section/Phase: _____ Lot Number: 2
Driving Directions: Above Rd to Templeton Rd - Left to Camino Real Rd

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: 4
Maximum Number of Occupants: _____
(✓) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
( ) 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: Low Pressure

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: _____ 9/20/18
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*) Patrick Joseph Dostrotwe Homes

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, Patrick Joseph Dostrotwe Homes am the legal owner(s) of the property located at 310 Camino Real Rd, identified as

PIN (Parcel Identification Number) 4635-86-9214, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Brian Welch, PJD Homes, 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.

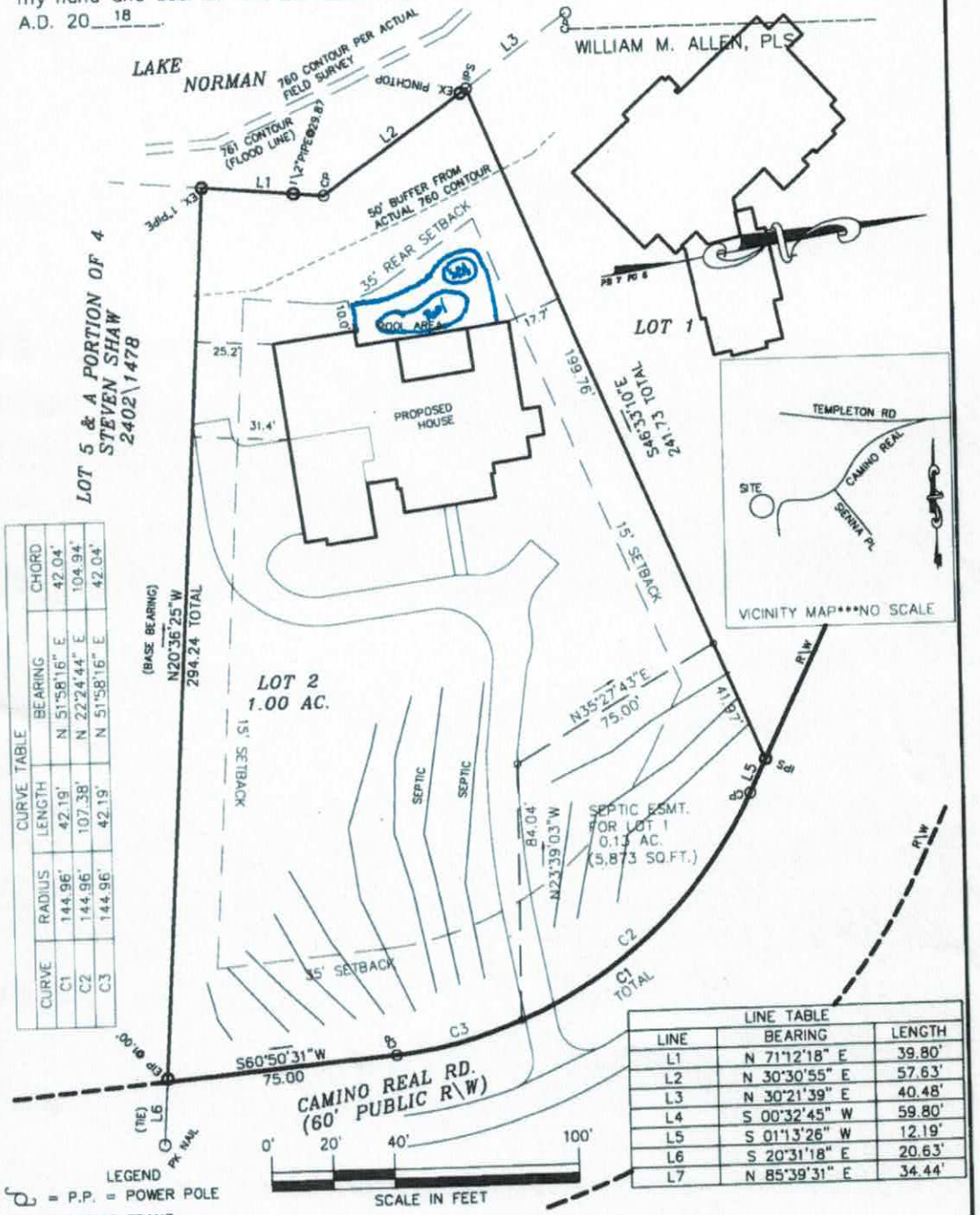
Signature of Owner(s) — Date: 9.20.18

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

DAS DON ALLEN & ASSOCIATES, P. A.
"Since 1971"
Commercial • Residential • Mortgage Surveys • Multi-Family
Construction Staking • Subdivision Design • Topographical
131 Crossiake Park Drive – Suite 102 • Mooresville • NC • 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 2492, page 2168, and/or plat book 67, page 28, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C. my hand and seal on the 18, day of SEPT., A.D. 20 18.



CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	144.96'	42.19'	N 51°58'16" E	42.04'
C2	144.96'	107.38'	N 22°24'44" E	104.94'
C3	144.96'	42.19'	N 51°58'16" E	42.04'

LINE TABLE		
LINE	BEARING	LENGTH
L1	N 71°12'18" E	39.80'
L2	N 30°30'55" E	57.63'
L3	N 30°21'39" E	40.48'
L4	S 00°32'45" W	59.80'
L5	S 01°13'26" W	12.19'
L6	S 20°31'18" E	20.63'
L7	N 85°39'31" E	34.44'

LEGEND
P.P. = POWER POLE
POWER TRANS.
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
CP = COMPUTED POINT

SCALE 1" = 40'

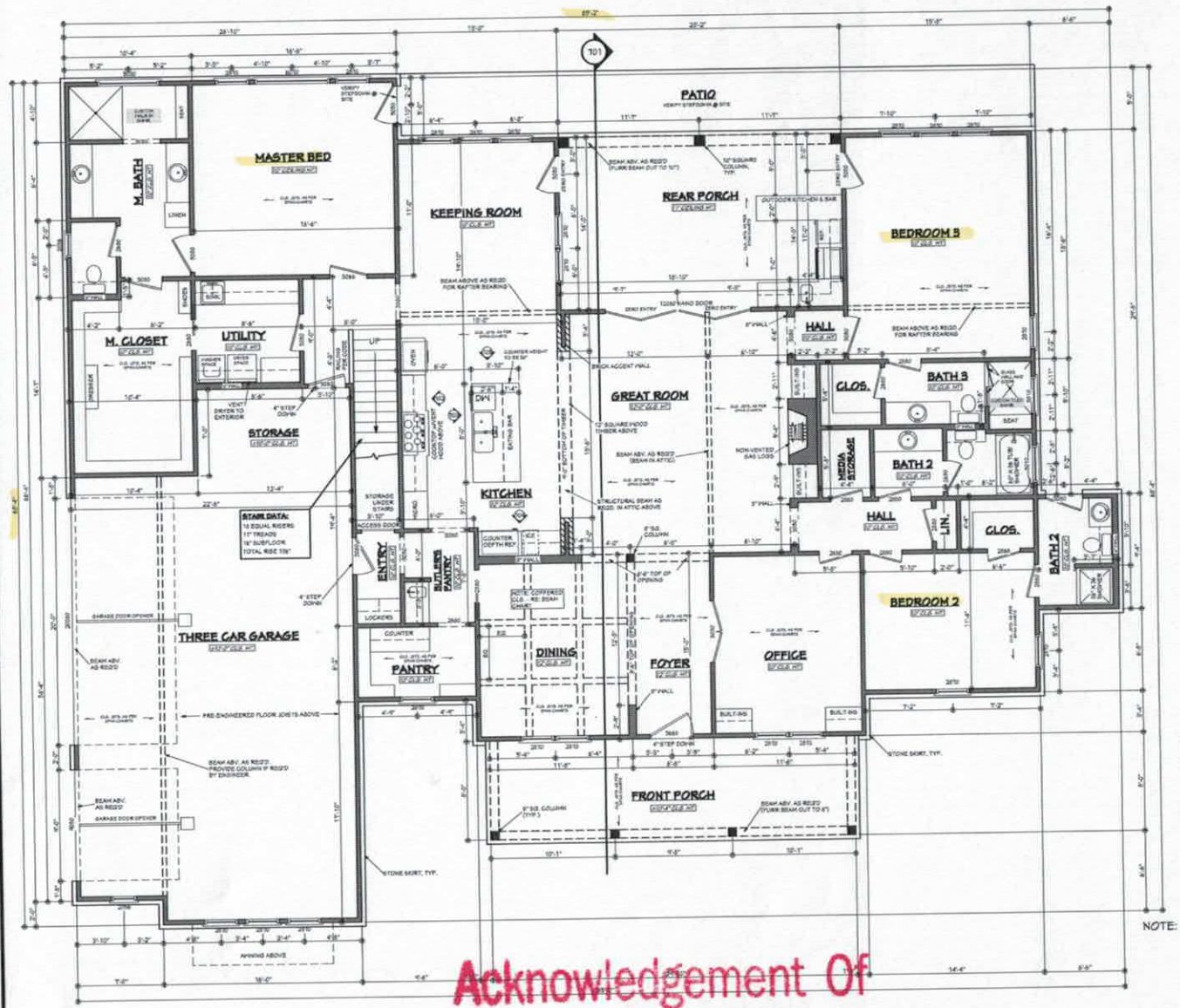
ACQUIRED BY:

PLOT PLAN SURVEY OF LOT 2 LAKEVIEW PARK

DAVIDSON TWSP., IREDELL CO., N.C.

PATRICK JOSEPH DISTINCTIVE HOMES LLC

FIELD BOOK:
FILE: CAMINO REAL 310
DC FILE:
TAX MAP NO: 4635869461



NOTES:

1. ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
2. ALL FINISHES (INTERIOR & EXTERIOR) TO BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION.
3. VERIFY ALL DOOR AND WINDOW STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION. MANUFACTURER TO SUPPLY ALL ROUGH OPENING SIZES.
4. CONTRACTOR TO VERIFY ALL CLEARANCES OF ALL DOORS, WINDOWS AND OTHER ITEMS THAT ARE CRITICAL, PRIOR TO CONSTRUCTION.
5. CONTRACTOR TO ADAPT PLANS AS REQUIRED TO MEET ALL APPLICABLE CODES AT SITE.
6. ALL BEAMS TO BE SIZED BY A LICENSED STRUCTURAL ENGINEER.
7. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THEN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY SHALL HAVE GUARDS NOT LESS THAN 36 INCHES IN HEIGHT. OPEN SIDES OF STAIRS WITH A TOTAL RISE OF MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 34 INCHES IN HEIGHT MEASURED VERTICALLY FROM THE NOSING OF THE TREADS. INSECT SCREENING SHALL NOT BE CONSIDERED AS A GUARD. IRC 2015, R312.1.1 & R312.1.2
8. M1305.1.3 APPLIANCES IN ATTICS. ATTICS CONTAINING APPLIANCES SHALL BE PROVIDED WITH AN OPENING AND A CLEAR AND UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE, BUT NOT LESS THAN 30 INCHES HIGH AND 22 INCHES WIDE AND NOT MORE THAN 20 FEET LONG MEASURED ALONG THE CENTERLINE OF THE PASSAGEWAY FROM THE OPENING TO THE APPLIANCE. THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING IN ACCORDANCE WITH CHAPTER 5 NOT LESS THAN 24 INCHES WIDE. A LEVEL SERVICE SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PRESENT ALONG ALL SIDES OF THE APPLIANCE WHERE ACCESS IS REQUIRED. THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 20 INCHES BY 30 INCHES, AND LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE.
EXCEPTIONS:
a. THE PASSAGEWAY AND LEVEL SERVICE SPACE ARE NOT REQUIRED WHERE THE APPLIANCE CAN BE SERVICED AND REMOVED THROUGH THE REQUIRED OPENING.
b. WHERE THE PASSAGEWAY IS UNOBSTRUCTED AND NOT LESS THAN 6 FEET HIGH AND 22 INCHES WIDE FOR ITS ENTIRE LENGTH, THE PASSAGEWAY SHALL BE NOT MORE THAN 50 FEET LONG.
9. APPLIANCE ACCESS FOR INSPECTION SERVICE, REPAIR AND REPLACEMENT. APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION, OTHER APPLIANCES, OR ANY OTHER PIPING OR DUCTS NOT CONNECTED TO THE APPLIANCE BEING INSPECTED, SERVICED, REPAIRED OR REPLACED. A LEVEL WORKING SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE. INSTALLATION OF ROOM HEATERS SHALL BE PERMITTED WITH AT LEAST AN 18-INCH WORKING SPACE. A PLATFORM SHALL NOT BE REQUIRED FOR ROOM HEATERS.
M1305.1.1 FURNACES AND AIR HANDLERS. FURNACES AND AIR HANDLERS WITHIN COMPARTMENTS OR ALCOVES SHALL HAVE A MINIMUM WORKING SPACE CLEARANCE OF 3 INCHES ALONG THE SIDES, BACK AND TOP WITH A TOTAL WIDTH OF THE ENCLOSING SPACE BEING AT LEAST 12 INCHES WIDER THAN THE FURNACE OR AIR HANDLER. FURNACES HAVING A FIREBOX OPEN TO THE ATMOSPHERE SHALL HAVE AT LEAST A 6-INCH WORKING SPACE ALONG THE FRONT COMBUSTION CHAMBER SIDE. COMBUSTION AIR OPENINGS AT THE REAR OR SIDE OF THE COMPARTMENT SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 17. EXCEPTION: THIS SECTION SHALL NOT APPLY TO REPLACEMENT APPLIANCES INSTALLED IN EXISTING COMPARTMENTS AND ALCOVES WHERE THE WORKING SPACE CLEARANCES ARE IN ACCORDANCE WITH THE EQUIPMENT OR APPLIANCE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
10. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS, TOOLS OR SPECIAL KNOWLEDGE. WINDOW OPENING CONTROL DEVICES COMPLYING WITH ASTM F 2090 SHALL BE PERMITTED FOR USE ON WINDOWS SERVING AS A REQUIRED EMERGENCY ESCAPE AND RESCUE OPENING. ALL SLEEPING ROOMS TO HAVE AN EXTERIOR ACCESS THROUGH A DOOR OR WINDOW WITH A MINIMUM OF 5.7 SQUARE FEET NET CLEAR OPENING AS PER IRC 2015 R310.2.1. EXCEPTION: GRADE FLOOR OR BELOW GRADE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET. MAXIMUM SILL HEIGHT TO BE 44 INCHES. MINIMUM NET CLEAR OPENING HEIGHT TO BE 24 INCHES. MINIMUM NET CLEAR OPENING WIDTH TO BE 20 INCHES.
11. ALL RETURN AIR GRILLS ARE TO BE LOCATED TO COMPLY WITH SECTION M1602 OF THE IRC 2015.
12. ALL SQUARE FOOTAGE MEASUREMENTS ARE APPROXIMATE AND MAY DIFFER FROM ACTUAL CONSTRUCTED RESIDENCE OR BUILDING.
13. FIRE SPRINKLER SYSTEM TO BE DESIGNED AND INSTALLED (IF REQUIRED BY LOCAL CODES) AS PER THE IRC 2015 AND BY A LICENSED PROFESSIONAL IN THE AREA OF CONSTRUCTION.
14. ALL BATHROOM EXHAUST VENTS SHALL BE VENTED DIRECTLY TO THE EXTERIOR OF THE HOME AND NOT INTO THE ATTIC. IRC 2015, M1501.2

2742-S FLOOR PLAN

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

AREAS:		
	3050	S.F. HEATED- TOTAL
	609	S.F. UNHEATED - FUTURE BONUS ROOM
	231	S.F. UNHEATED - FRONT PORCH
	324	S.F. UNHEATED - REAR PORCH
	816	S.F. UNHEATED - THREE CAR GARAGE
	86	S.F. UNHEATED - STORAGE
	2074	S.F. UNHEATED TOTAL
	5124	S.F. TOTAL UNDER ROOF

NOTE: CONTRACTOR TO LOCATE WATER HEATER AND HVAC UNITS AT SITE.

DECORATIVE BEAM SIZES BASED ON CEILING HEIGHT		
CEILING HEIGHT	BEAM WIDTH	BEAM HEIGHT
8 FEET	6"	6"
9 FEET	6"	8"
10 FEET	8"	10"
11 FEET	8" or 10"	10" or 12"
12 FEET	10"	12"

Acknowledgement Of
Plans Submittal ONLY!
Date 9-27-18
Date 9/28/18

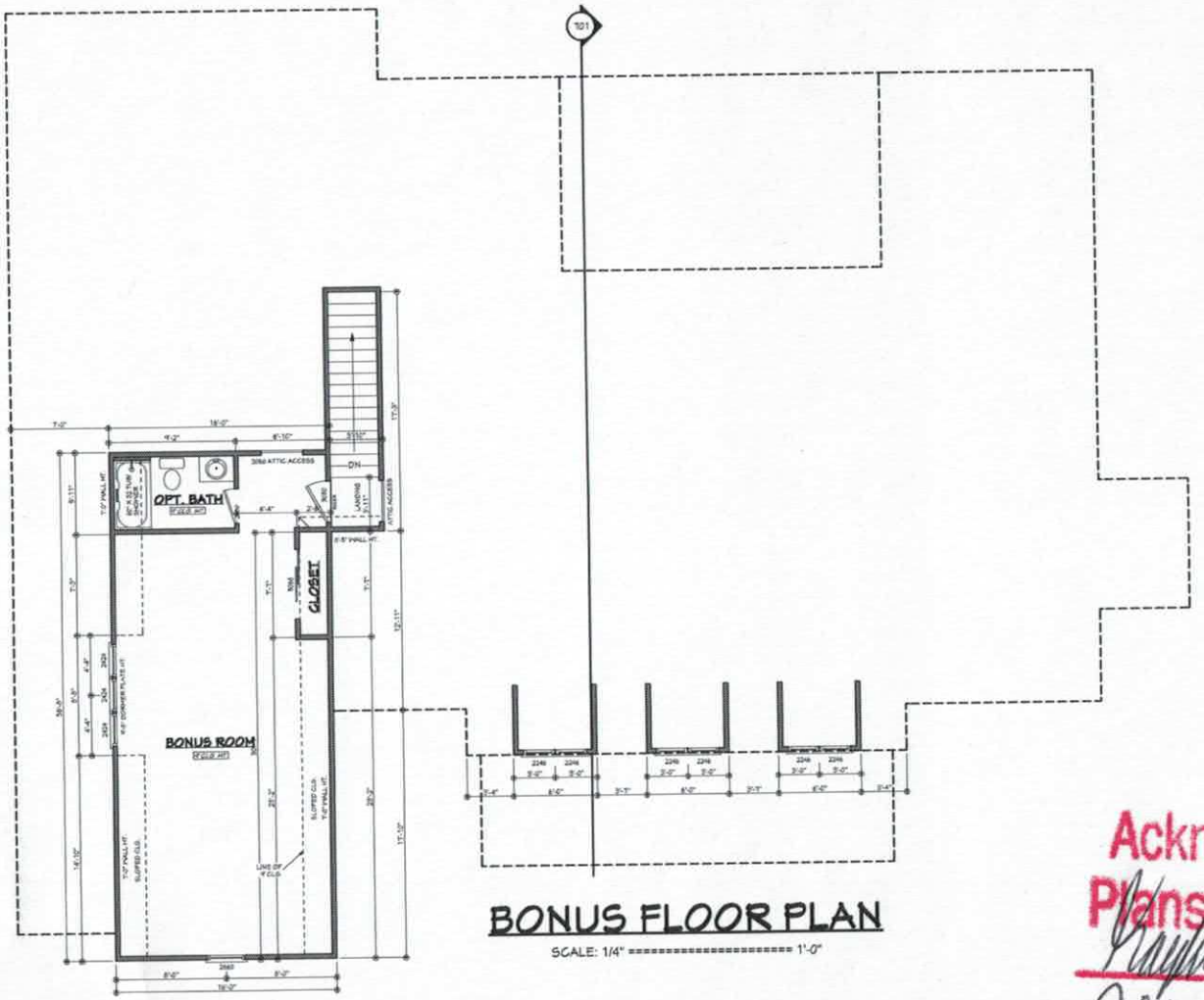
House Plan Zone
Designing Homes Building Relationships
Website: www.HPZplans.com
Email: sales@hpzplans.com
Phone: 601.336.3254
Fax: 1.800.574.1887
N·C·B·D·C
JONATHAN L. BOONE

Pre-Drawn Plan ID: 2742-S

House Plan Zone, LLC. has exercised great care and effort in the preparation of these plans and the information they contain. However, House Plan Zone, LLC. assumes no responsibility for any damages, including structural failures resulting from errors, omissions or inaccuracies in these plans. In addition to your local building officials prior to construction. Additional engineering may be required for your specific site. House Plan Zone, LLC. has exercised great care and effort in the preparation of these plans and the information they contain. However, House Plan Zone, LLC. assumes no responsibility for any damages, including structural failures resulting from errors, omissions or inaccuracies in these plans. In addition to your local building officials prior to construction. Additional engineering may be required for your specific site. Any person who uses or relies upon these plans without having purchased them from House Plan Zone, LLC. or one of its authorized agents agrees to indemnify and hold House Plan Zone, LLC. harmless from any claims, damages or losses arising out of the use of these plans by any person who has not purchased them from House Plan Zone, LLC. or one of its authorized agents. Any person who uses or relies upon these plans without having purchased them from House Plan Zone, LLC. or one of its authorized agents agrees to indemnify and hold House Plan Zone, LLC. harmless from any claims, damages or losses arising out of the use of these plans by any person who has not purchased them from House Plan Zone, LLC. or one of its authorized agents.

Date: 10.18.17
Drawn By: J.A.B.
Project Name:

SHEET NUMBER 3



BONUS FLOOR PLAN

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

NOTES:

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CONNECTED TO THE APPLIANCE BEING INSPECTED, SERVICED, REPAIRED OR REPLACED. A LEVEL WORKING SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE. INSTALLATION OF ROOM HEATERS SHALL BE PERMITTED WITH AT LEAST AN 18-INCH WORKING SPACE. A PLATFORM SHALL NOT BE REQUIRED FOR ROOM HEATERS.
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Acknowledgement Of Plans Submittal ONLY!

Date 9-27-18

Date 10/18/18

House Plan Zone
Designing Homes Building Relationships
Website: www.HPZplans.com
Email: sales@hpzplans.com
Phone: 601.936.3254
Fax: 1.800.574.1387
N·C·B·D·C
JONATHAN L. BOONE

Pre-Drawn Plan ID: 2742-S

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Date: 10.18.17

Drawn By: J.A.B.

Project Name:

SHEET NUMBER 4