IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 223678

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

PIN # 4639037388

APPLICANT: Michael Athanas/Rick Pittsenberger | APPLICANT ADDRESS: 10110 Compton Ln Huntersville NC

SITE ADDRESS: 258 Bullfinch Mooresville NC | PHONE: | ALT. PHONE: 704-785-4610

SITE DIRECTIONS: Perth Rd N. to Fern Hill Rd to R Bullfinch Rd on right near end

SUBDIVISION: Beacon Pt | SECTION: 2 | LOT # 13/13A | LOT AREA: | DESIGN FLOW: 480gpd | L.T.A.R.: .25

Septic Tank	1000 (gal)	STB 794	Date 3-8-2017	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank	1000 (gal)	PT 235	Date 3-17	System Description: Pump-PM-25% Reduction				☐ Business	No. Persons 8	☐ Private
Pump Make		Model	Serial #	Repair System Description: Drip Irrigation (off site)				☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines 16'	Linear Ft. 508ft	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☐ Crawl Space	☒ Community
Trench Width	36"	Max. Trench Bottom Depth 36"	Gravel Depth N/A		☐ GRAVITY	☒ PRESSURE		☒ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: 508ft per plan (480ft of Drainfield required)

Off site septic repair is on Lot 8 - with a portion for 13A

PIN# 4639-04-8092

INITIAL SITE SKETCH

See attached, approved plan by Michael Athanas & Assoc (dated 11-8-16, approved 1/3/17)

AS BUILT SKETCH

	Date	Initials
Drain Lines Checked	7/28	BB
Tanks Checked	7/29	BB
Pressure Manifold or Valve Box Checked	9-21	BA
Pressure Head Set		BA
Electrical Checked		BA
Floats Set		BA
Alarm Checked		BA
Maintenance Contract Y (N)	not required	
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: 11-4-17

IMPROVEMENT PERMIT by: Maria L Dolson RS Date: 1/3/17

AUTHORIZATION TO CONSTRUCT by: Maria L Dolson Date: 1/3/17

Installed by: Abernathy Grading & Septic

OPERATION PERMIT by: BA Date: 9-21-17

Existing System Inspected by: Date:

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

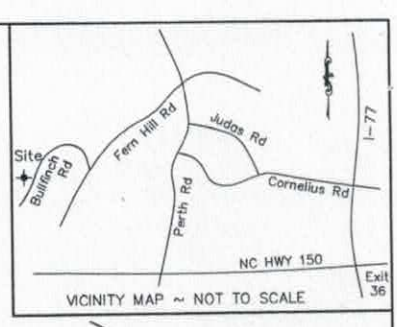
I, JOEL H. PATTERSON III, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; DEED DESCRIPTION AND/OR MAP BOOK SEE, PAGE NOTE #2; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK N/A, PAGE N/A; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 26 DAY OF OCTOBER 2016.

JOEL H. PATTERSON III, PLS
LICENSE NUMBER: L-3717

NORTH CAROLINA PROFESSIONAL SEAL L-3717 LAND SURVEYOR JOEL H. PATTERSON, III

LEGEND
R/W = Right-of-way

FOR EXHIBIT PURPOSES ONLY



VICINITY MAP ~ NOT TO SCALE

Plat Book 24
Page 154
Dated: 11/22/1994

LOT 10
PLAT BOOK 24
PAGE 154

Approved
1/3/17
JMD

LOT 11
PLAT BOOK 24
PAGE 154

Laterals	Design Length	Elevation
W2	20'	7'
P3	28'	7.7'
O4	52'	8.5'
Y5	100'	10.5'
W6	102'	12'
B7	80'	13.25'
P8	48'	15.2'
Y9	28'	16.4'
W10	28'	18.4'
B11	24'	20'

LOT 12
PLAT BOOK 24
PAGE 154

Benchmark 46' Elevation

Pressure Main (Typ.)

Septic Tank

Pump Tank 25.4' Elev.

N76°10'13"E 247.75'

15' Sideyard

10' SANITARY SEWER EASEMENT TO SERVE LOTS 13 & 14 PLAT BOOK 24 PAGE 153

~ LAKE NORMAN ~

LOT 13
0.619 ACRES

35' Sideyard

53.6'

760 Contour Field Located 10/25/16

50' Buffer (from 760 Contour)

Proposed Deck

Proposed House

64'

25'

DRIVEWAY

24'

36.0'

15' Sideyard

N62°17'55"W 161.38'

18.6'

S33°53'36"W 233.46'

BULLFINCH ROAD
45' PUBLIC R/W
(PLAT BOOK 24 PAGE 153)

LOT 14
PLAT BOOK 24
PAGE 154

RR House Corner Elevation 22.9'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N34°21'49"E	35.73'
L2	N28°45'21"E	38.23'
L3	N12°03'20"E	7.92'

CURVE TABLE				
CURVE	RADIUS	ARC	BEARING	CHORD
C1	622.50'	13.60'	S 34°31'37" W	13.60'

GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 feet

PRELIMINARY PLAN, NOT FOR RECORDATION, CONVEYANCES AND/OR SALES

EXHIBIT SURVEY
LOT 13 & LOT 13A
BEACON POINTE, MAP 1
PLAT BOOK 24 PAGES 153-155
254 BULLFINCH ROAD
FALLSTOWN TOWNSHIP, IREDELL COUNTY, NORTH CAROLINA

Prepared for/Owner:
RICKY L. & DANA J. PITTSONBERGER
10110 COMPTON LANE
HUNTERSVILLE, NC 28078

PATTERSON LAND SURVEYING, P.A.
NC LICENSE #: C-3390
P.O. BOX 5010, MOORESVILLE, NC 28117
PHONE: 704-663-0110 EMAIL: pattersonlandsurveying@gmail.com

Drawn By: GHL	Checked By: JHP	Project Number: 16119	
Tax PIN: 4639-03-7388			
Date: OCTOBER 27, 2016		Scale 1" = 40'	Sheet Number 1 of 2
File: 16119-Exhibit.dwg			

SURVEYOR NOTES

1) ALL DIMENSIONS SHOWN ARE IN US SURVEY FEET AND DECIMALS THEREOF AND ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE INDICATED. AREA BY COORDINATE METHOD.
2) THIS SURVEY IS BASED ON DEED BOOK 1147 PAGE 1932 AND PLAT BOOK 24 PAGES 153-155 AS RECORDED AT THE IREDELL COUNTY REGISTER OF DEEDS.
3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY. THE PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS OR CONDITIONS NOT OBSERVED OR SHOWN HEREON.
4) BASIS OF BEARINGS: PLAT BOOK 24 PAGE 154 - DATED: NOVEMBER 22, 1994.
5) THE LOCATION OF UTILITIES AS SHOWN HEREON, WHETHER PUBLIC OR PRIVATE, ARE BASED ON THE LOCATION OF VISIBLE ABOVE GROUND APPURTENANCES ONLY. OTHER UTILITIES WHICH WERE NOT OBSERVED AND NOT SHOWN HEREON MAY EXIST. IT IS THE OWNERS/TENANTS RESPONSIBILITY TO VERIFY THE LOCATION PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. PATTERSON LAND SURVEYING, P.A. CANNOT ASSUME RESPONSIBILITY FOR MISIDENTIFICATION OR OMISSION OF UNDERGROUND UTILITIES.
6) THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
7) THIS PROPERTY LIES IN FLOOD ZONE "X" & "AE" AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANELS 3710463900J, WITH AN EFFECTIVE DATE OF MARCH 18, 2008.
8) POINTS NOT LABELED "FOUND" OR "SET" ARE COMPUTED POINTS ONLY. NO BOUNDARY WORK WAS PERFORMED BY PATTERSON LAND SURVEYING, P.A. TO DETERMINE PARCEL LINES.
9) NO NCGS OR USGS MONUMENTS FOUND WITHIN 2000' OF SUBJECT PARCEL.
10) A 10' DRAINAGE AND UTILITY EASEMENT IS RESERVED FOR ALL FRONT AND REAR LOT LINES. A 5' DRAINAGE AND UTILITY EASEMENT IS RESERVED FOR ALL SIDE LOT LINES.
11) A 30' VEGETATIVE BUFFER EXISTS ALONG LAKE NORMAN.

I, JOEL H. PATTERSON III, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; DEED DESCRIPTION AND/OR MAP BOOK SEE, PAGE NOTE #2; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK N/A, PAGE N/A; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 4 DAY OF OCTOBER, 2016.

JOEL H. PATTERSON III, PLS
LICENSE NUMBER: L-3717

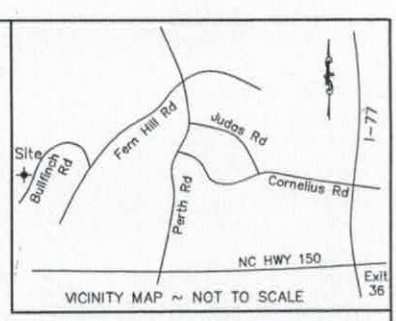
NORTH CAROLINA PROFESSIONAL SEAL L-3717 LAND SURVEYOR JOEL H. PATTERSON, III

SURVEYOR NOTES

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11) A 30' VEGETATIVE BUFFER EXISTS ALONG LAKE NORMAN.

LINE TABLE		
LINE	BEARING	DISTANCE
L4	N27°21'13"W	36.25'
L5	N17°33'40"W	39.49'
L6	N89°06'35"E	27.32'
L7	S80°52'27"E	35.76'
L8	S70°54'11"E	30.57'

LEGEND
R/W = Right-of-way



VICINITY MAP ~ NOT TO SCALE

LOT 8
COMMON
OPEN SPACE
PLAT BOOK 24
PAGE 153

~ LAKE NORMAN ~

LOT 13A
SEPTIC EASEMENT
0.230 ACRES

N39°40'13"W 85.66'
S22°01'09"E 140.36'
N81°02'57"W 61.63'

AH1
AH2
AH3

LOT 14A
SEPTIC EASEMENT
PLAT BOOK 24
PAGE 153

LOT 8
COMMON
OPEN SPACE
PLAT BOOK 24
PAGE 153

Plat Book 24
Page 154
Dated: 11/22/1994

FOR EXHIBIT PURPOSES ONLY

10' SANITARY
SEWER EASEMENT
TO SERVE
LOTS 13 & 14
PLAT BOOK 24
PAGE 153

LOT 9
PLAT BOOK 24
PAGE 153

LOT 10
PLAT BOOK 24
PAGE 154

LOT 7
PLAT BOOK 24
PAGE 153

LOT 11
PLAT BOOK 24
PAGE 154

10' SANITARY
SEWER EASEMENT
TO SERVE
LOTS 13 & 14
PLAT BOOK 24
PAGE 153

BULLFINCH ROAD
45' PUBLIC R/W
(PLAT BOOK 24 PAGE 153)

GRAPHIC SCALE
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(IN FEET)
1 inch = 40 feet

EXHIBIT SURVEY
LOT 13 & LOT 13A
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Drawn By: GHL	Checked By: JHP	Project Number: 16119	
Tax PIN: 4639-03-7388			
Date: OCTOBER 27, 2016		Scale	Sheet Number
File: 16119-Exhibit.dwg		1" = 40'	2 of 2

PRELIMINARY PLAN, NOT FOR RECORDATION, CONVEYANCES AND/OR SALES



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Waxhaw, NC 28173
(704) 576-3887

Approved
MD
1/3/17

Reference: Data Sheet for Beacon Point, lot 13, 13A
House Footprint: 63'x 42' with 24'x 28' offset garage
Required Minimum Building Setbacks: 35' front, 50' rear, 15' side
Water Source: Public, community well
Number of Bedrooms/Daily design flow: 4/480gpd
LTAR for Initial System: 0.25 GPD/FT2 **LTAR for Repair System:** .1GPD/FT2
Proposed System Type: Pumped to PM Infiltrator High Capacity Quick 4 (508')
Proposed Repair System Type: Drip irrigation on SFE 13A
Initial Distribution: Pressure Manifold
 # Taps, Size & Material: Three ½ inch sch 40, One ¾ inch sch 80, One ½ inch sch 80
Flow per Tap: 3 @ 7.11 GPM, 1 @ 10.1 GPM, 1 @ 5.48 GPM,
System Flow: 36.91 GPM
Dosing Volume: 250 gallons
Pump Run Time: 6.77 minutes
Elevation Head: 35.05'
Friction Head: 24.39'
Pressure Head: 2'
Total Dynamic Head: 67.58' (sized to reach SFE 13A, includes 10% contingency)
Supply Line Length: 150' on-site to pm, approx 655' to SFE 13A
Septic/Pump Tank Size: 1000/1000 gallons minimum
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	Elevation	# Chambers
Blue 1 (11' length, Elevation 5.8') not used, set pressure manifold here or slightly downslope				
White 2	20'	23'	7'	5
Pink 3	28'	30'	7.7'	7
Orange 4	52'	55'	8.5'	13
Yellow 5	100'	102'	10.5'	25
White 6	100'	100'	12'	25
Blue 7	80'	82'	13.25'	20
Pink 8	48'	48'	15.2'	12
Yellow 9	28'	30'	16.4'	7
White 10	28'	30'	18.4'	7
Blue 11	24'	27'	20'	6
Totals	508'			127

Approved
MD
1/3/17

Initial System: 508', 127 chambers
Repair System: 10,018.8 sq ft available, 4800 sq ft designated for Drip Irrigation
Pump Tank Elevation: 25.4'
Right Rear House Corner Elevation: 22.9'
Benchmark Elevation (top of iron at right front lot corner): 4.6'
SFE Benchmark (ground level at yellow flag set at front of "panhandle"): 2.35'
Other Important Information & Calculations:

Laterals W2, P3, & O4 (100' total) to be set in series and fed by one ½ inch sch 40 tap
Loading per linear ft: 7.11 gpm divided 100 ft = .0711 gfpm x 6.77 min =.481 gallons

Lateral Y5 (100') to be fed by one ½ inch sch 40 tap
Loading per linear ft: 7.11 gpm divided by 100 ft = .0711 gfpm x 6.77 min = .481 gallons

Lateral W6 (100') to be fed by one ½ inch sch 40 tap
Loading per linear ft: 7.11 gpm divided by 100 ft = .0711 gfpm x 6.77 min = .481 gallons

Laterals B7 & P8 (128' total) to be set in series and fed by one ¾ inch sch 80 tap
Loading per linear ft: 10.1 gpm divided 128 ft = .07899 gfpm x 6.77 min = .5348 gallons

Laterals Y9, W10, & B11 (80' total) to be set in series and fed by one ½ inch sch 80 tap
Loading per linear ft: 5.48 gpm divided by 80 ft = .0685 gfpm x 6.77 min = .4637 gallons

Comments:
***Shave off berm at Orange 4 lateral. Landscape septic system area after installation to provide positive drainage.**

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Approved MD 1/3/17

PROPERTY ID #:
COUNTY: IREDELL

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Rick + Dana Pittson Berger
ADDRESS: 258 Bullfinch Rd.
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: Lot 13 Beacon Point

APPLICATION DATE 11-8-16
DATE EVALUATED: 10-10-16
PROPERTY SIZE: .619Ac + .23Ac ste
PROPERTY RECORDED: yes

WATER SUPPLY: ☐ Private ☒ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

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
Pit 1	16% L	0-12	wk sbk cl	frsssp SEXP	NONE obs	30"	S	NONE obs	.25
		12-30	ABk/sbk C	frsssp SEXP					
		30-60	massive L SAP	fr ss sp-np					
Pit 2	13% L	0-5	wk sbk dark L/cl	frsssp SEXP	NONE obs	28"	S	NONE obs	.25
		5-17	ABk/sbk C	frsssp SEXP					
		17-28	wk sbk L	frsssp SEXP w/common saprolite					
		28-63	massive fsl sap	fr ss np					
Pit 3	18% L	0-7	wk sbk scl	frsssp	NONE obs	41"	S	NONE obs	.3
		7-24	sbk C	frsssp SEXP					
		24-41	wk sbk cl/L	fr ss sp w/common saprolite					
		41-65	massive fsl sap	fr ss np					
4	18% L	0-10	wk sbk cl	frsssp	NONE obs	31"	S	NONE obs	.3
		10-23	sbk C	frsssp SEXP					
		23-31	wk sbk cl/L	frsssp w/common saprolite					
		31-63	massive L-fsl sap	fr ss np					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	S	S
System Type(s)	PM 25% Red	Drip Irrigation on SFE 13A
Site LTAR	.25	.15 *

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D Hoffman & Mike Athanas
OTHER(S) PRESENT:

COMMENTS: * Drip Repair to be designed @ .1

Updated February 2014

(1) on SFE 13A	L						736"		.15 for Drip
AH (2) on SFE 13A	11% L	0-18	gr brn SL	frsssp	NONE obs	40"	* probably S > 40"	NONE obs	.3 to 40" .15 for Drip
		18-34	sbk red C	frsssp SEXP					
		34-40	wk sbk CL	frsssp SEXP					
AH (3) on SFE 13A	10% L	0-8	gr SL	frsssp	NONE obs	36"	* probably S 736"	NONE obs	.3 to 36" .15 for Drip
		8-23	sbk C	frsssp SEXP					
		23-36	wk sbk CL	frsssp SEXP					

COMMENTS: SFE 13A currently inaccessible for a backhoe unless it crosses through a neighbor's property. Auger borings indicate at least 36" minimum of soil depth [illegible] application from Drip Irrigation. 10,000ft2+ of area is available

SHEET ___ OF ___

DEPARTMENT OF ENVIRONMENT,
HEALTH, & NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY I.D.#: _____
PROPERTY RECORDED: _____
COUNTY: _____

SOIL/SITE EVALUATION
FOR
ON-SITE WASTEWATER SYSTEM

APPLICANT: CRI OWNER: AGENT: PHONE: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 11/3/94
PROPOSED FACILITY: 480 gpd
PROPERTY SIZE: _____

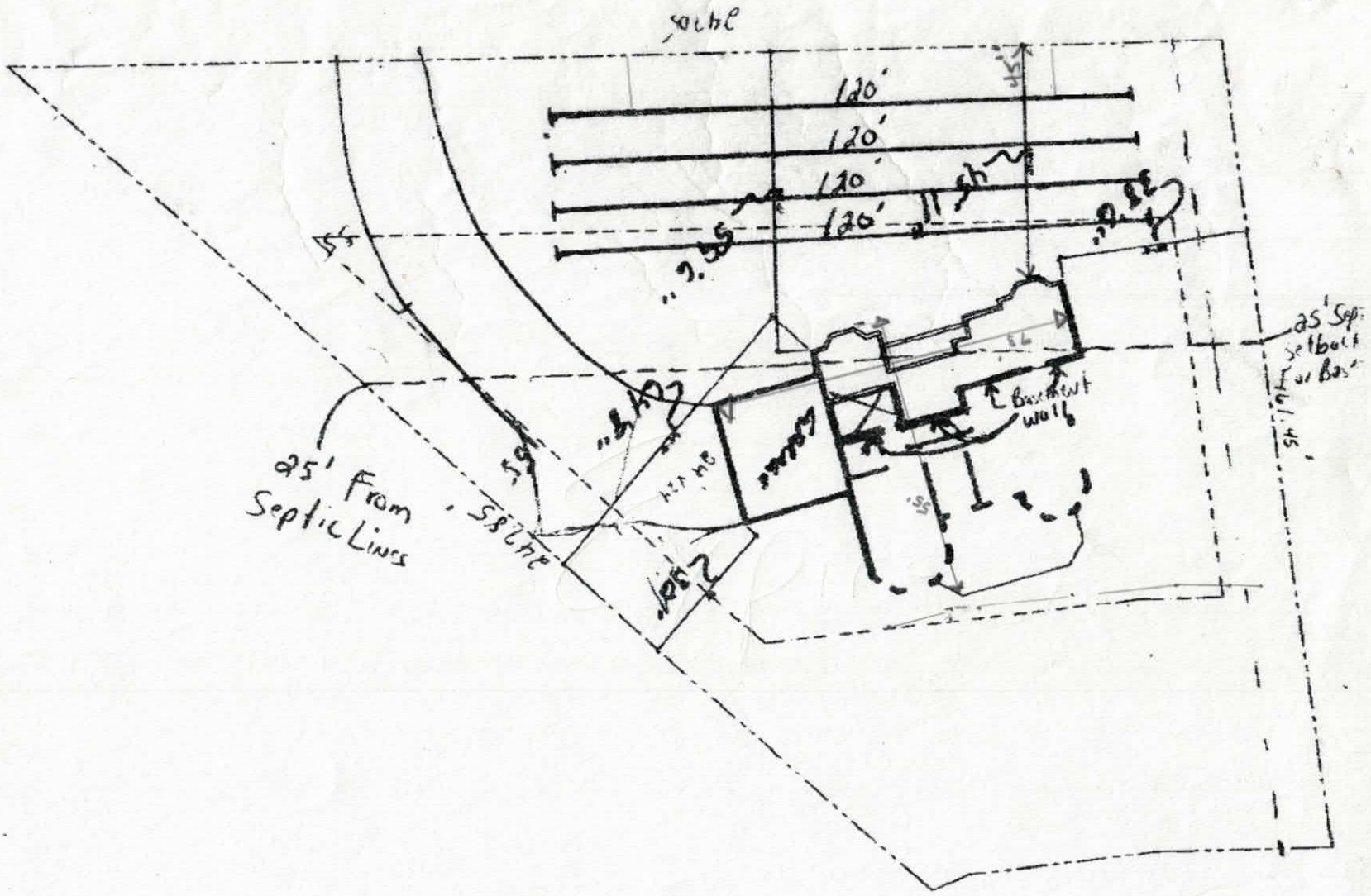
LOCATION OF SITE: Beacon Pt. lot 13
WATER SUPPLY: On-Site Well ___ Comm. Well ___ Public ✓ Other _____ EVAL. METHOD: Auger Boring ___ Pit ✓ Cut ___

PROFILE #	.1940 LANDSCP POS. (%)	HORIZON DEPTH (IN.)	.1941 STRUCTURE/TEXTURE	.1941 MINERALOGY/ CONSISTENCE	.1942 WETNESS COND.	.1944 RESTRICT HORIZONS	.1948 CLASS OF HORIZ	1943/ 1956 SAPRLT CLASS.	HORIZON LTAR
1		0-4"	gr-SL	1:1/vfi		32"+			.3
		4-32"	wksab-CL	1:1/vfi, ss					
		32"+	Sap - sicl tran.						
2		0-17	gr / SL	1:1/fi (dry)					
		17-27	SAB / SC	1:1/vfi					
		27-38	wkSAB / CL	1:1/fi					
		38+	wk sab / sicl Sap trans						
3									
4									
5									

AVAILABLE SPACE (.1945): U SITE CLASSIFICATION (.1948): U SITE LONG-TERM ACCEPTANCE RATE: .3 conv / .15 LPP

EVALUATED BY: RHenson OTHER(S) PRESENT: _____

COMMENTS: Pit #1 exhibits sufficient soil depth for US conv. OR LPP – but not PBPS
Pit 2 slightly deeper soil, but appears not quite deep enough for PBPS –
Site has enough space for initial LPP on site, but not enough for spare


120'
120'
120'
120'
25' From
Septic Lines
Basement wall
1" = 30'

RECEIVED DEC 1 2 2016

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

(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)

Paid $350.00 / pd $500. 1/4/17

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

#223678

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:

DR Hinnant for Michael Thomas Assoc.	455 Heathcote Dr, Statesville		(704) 903-2283
Applicant Name	Mailing Address	Home Phone #	~~Alternate Phone #~~
Rick & Dana Pittsonberger	10110 Compton Lane, Huntersville, NC		(704) 785 4610 Cell
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

4. Property Information:

258 Bullfinch Rd, Mooresville	Beacon Point	Lot 13
Street Address	Subdivision Name	Section/Phase and Lot Number

Driving Directions: Perth Rd N. TL Fern Hill Rd TR Bullfinch Rd. on Right near end

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

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

Maximum Number of Bedrooms 4
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:

( ) New Well ( ) Existing Well (✓) 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 Accepted

8. 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. industry) 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.

9. Signature: DR Hinnant for Michael Thomas + Associates — November 8, 2016

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, Rick & Dana Pittsenberger, am the legal owner(s) of the property located at Lot 13 258 Bullfinch Rd, Mooresville, NC, identified as PIN (Parcel Identification Number) [redacted] 4639037388, located in Iredell County, North Carolina.

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

Rick Pittsenberger Dana Pittsenberger 11-7-2016 — J Shawn Hawthorne 11-7-2016

Signature of Owner(s) Date 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 HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*:

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 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…**

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

X **Front and side setbacks from property line…**

X **Preferred driveway location and configuration, preferred well location…**

X **Area you prefer your septic system to be placed…**

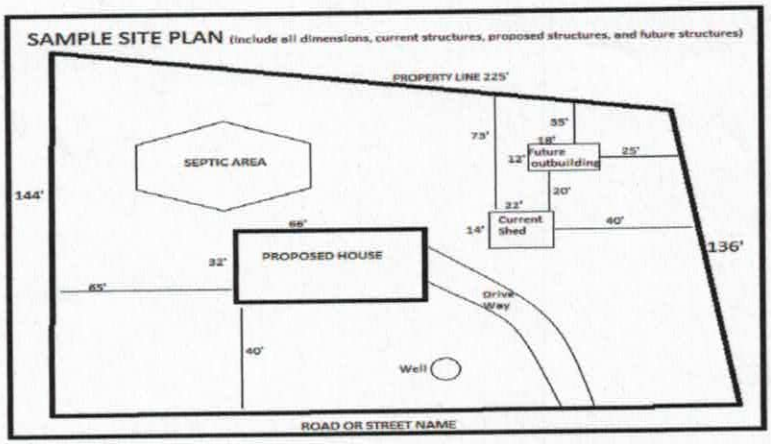
X **North arrow, or other sufficient indicator of direction…**

Circle N/A on the following if appropriate:

X **Location of septic systems and wells within 100' of your property… N/A**

X **Location of easements and rights of ways on your property… N/A**

NA **Location of any designated wetlands on the property… N/A**



USE THIS SPACE TO DRAW YOUR SITE PLAN

SEE Attached site plan

Signature: Jeff Turner for Michael A. Thomas + Associates

REQUIRED **property owner or owner's legal representative signature.**

November 8, 2016

DATE

EXHIBIT SURVEY
LOT 13 & LOT 13A
BEACON POINTE, MAP 1
PLAT BOOK 24 PAGES 153-155

254 BULLFINCH ROAD
FALLSTOWN TOWNSHIP, IREDELL COUNTY, NORTH CAROLINA

Prepared for/Owner:
RICKY L. & DANA J. PITTSONBERGER
10110 COMPTON LANE
HUNTERSVILLE, NC 28078

PATTERSON LAND SURVEYING, P.A.
NC LICENSE #: C-3390
P.O. BOX 5010, MOORESVILLE, NC 28117
PHONE: 704-663-0110 EMAIL: pattersonlandsurveying@gmail.com

Drawn By: GHL	Checked By: JHP	Project Number: 16119
Tax PIN: 4639-03-7388		
Date: NOVEMBER 9, 2016	Scale: 1" = 60'	Sheet Number: 1 of 1
File: 16119-Exhibit-60scale.dwg		

I, JOEL H. PATTERSON III, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; DEED DESCRIPTION AND/OR MAP BOOK SEE , PAGE NOTE #2 ; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK N/A , PAGE N/A ; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS ____ DAY OF _____, 2016.

NORTH CAROLINA PROFESSIONAL SEAL L-3717 LAND SURVEYOR JOEL H. PATTERSON, III

PRELIMINARY

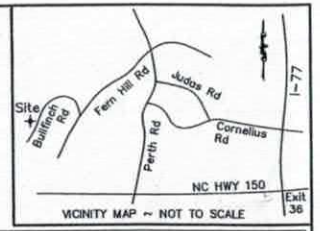
JOEL H. PATTERSON III, PLS
LICENSE NUMBER: L-3717

GRAPHIC SCALE
60 0 30 60
(IN FEET)
1 inch = 60 feet

FOR EXHIBIT PURPOSES ONLY

PRELIMINARY PLAN, NOT FOR RECORDATION, CONVEYANCES AND/OR SALES

LEGEND
R/W = Right-of-way



VICINITY MAP ~ NOT TO SCALE

CURVE TABLE				
CURVE	RADIUS	ARC	BEARING	CHORD
C1	622.50'	13.60'	S 34°31'37" W	13.60'
C2	622.50'	306.86'	S 49°15'58" W	303.76'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N34°21'49"E	35.73'
L2	N28°45'21"E	38.23'
L3	N12°03'20"E	7.92'
L4	N27°21'13"W	36.25'
L5	N17°33'40"W	39.49'
L6	N89°06'35"E	27.32'
L7	S80°52'27"E	35.76'
L8	S70°54'11"E	30.57'

~ LAKE NORMAN ~

Plat Book 24 Page 154 Dated: 11/22/1994

760 Contour Field Located 10/25/16

LOT 8 COMMON OPEN SPACE PLAT BOOK 24 PAGE 153

LOT 13A SEPTIC EASEMENT 0.230 ACRES

N39°40'13"W 85.66'

S22°01'09"E 140.36'

N81°02'57"W 61.63'

N81°02'57"W 58.21'

LOT 14A SEPTIC EASEMENT PLAT BOOK 24 PAGE 153

LOT 8 COMMON OPEN SPACE PLAT BOOK 24 PAGE 153

10' SANITARY SEWER EASEMENT TO SERVE LOTS 13 & 14 PLAT BOOK 24 PAGE 153

N44°34'43"W 113.78'

LOT 12 PLAT BOOK 24 PAGE 154

LOT 11 PLAT BOOK 24 PAGE 154

LOT 10 PLAT BOOK 24 PAGE 154

LOT 9 PLAT BOOK 24 PAGE 153

LOT 7 PLAT BOOK 24 PAGE 153

N31°53'08"W 176.40'

LOT 14 PLAT BOOK 24 PAGE 154

N62°17'55"W 161.38'

15' Sideyard

18.0'

50' Buffer (from 760 Contour)

Deck

53.6'

51.9'

N76°10'13"E 247.75'

15' Sideyard

LOT 13 0.619 ACRES

35' Setback

36.0'

S33°53'36"W 233.46'

C1

C2 Total

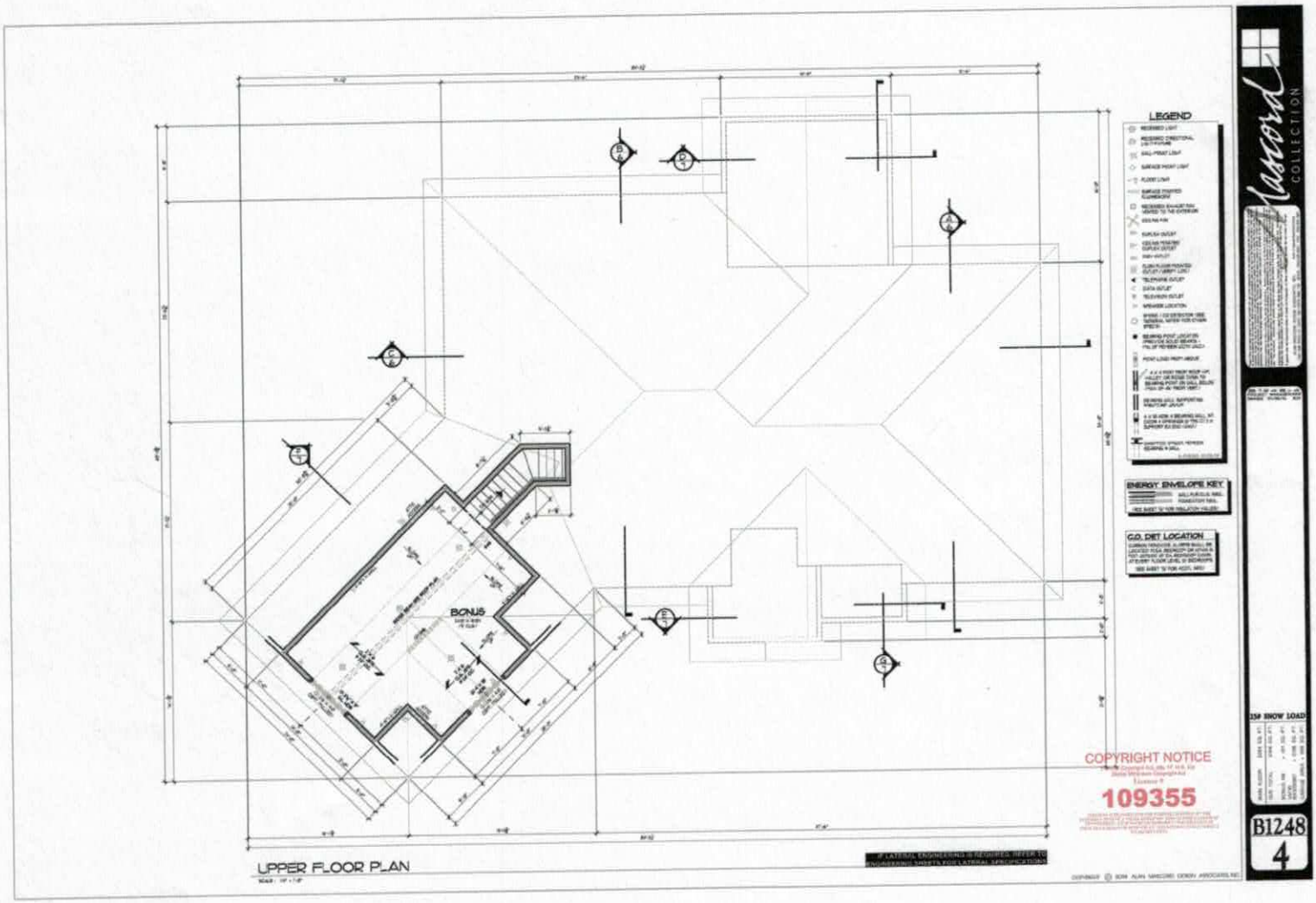
10' SANITARY SEWER EASEMENT TO SERVE LOTS 13 & 14 PLAT BOOK 24 PAGE 153

BULLFINCH ROAD 45' PUBLIC R/W (PLAT BOOK 24 PAGE 153)

10' SANITARY SEWER EASEMENT TO SERVE LOTS 13 & 14 PLAT BOOK 24 PAGE 153

SURVEYOR NOTES

1) ALL DIMENSIONS SHOWN ARE IN US SURVEY FEET AND DECIMALS THEREOF AND ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE INDICATED. AREA BY COORDINATE METHOD.
2) THIS SURVEY IS BASED ON DEED BOOK 1147 PAGE 1932 AND PLAT BOOK 24 PAGES 153-155 AS RECORDED AT THE IREDELL COUNTY REGISTER OF DEEDS.
3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY. THE PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS OR CONDITIONS NOT OBSERVED OR SHOWN HEREON.
4) BASIS OF BEARINGS: PLAT BOOK 24 PAGE 154 - DATED: NOVEMBER 22, 1994.
5) THE LOCATION OF UTILITIES AS SHOWN HEREON, WHETHER PUBLIC OR PRIVATE, ARE BASED ON THE LOCATION OF VISIBLE ABOVE GROUND APPURTENANCES ONLY. OTHER UTILITIES WHICH WERE NOT OBSERVED AND NOT SHOWN HERON MAY EXIST. IT IS THE OWNERS/TENANTS RESPONSIBILITY TO VERIFY THE LOCATION PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. PATTERSON LAND SURVEYING, P.A. CANNOT ASSUME RESPONSIBILITY FOR MISIDENTIFICATION OR OMISSION OF UNDERGROUND UTILITIES.
6) THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
7) THIS PROPERTY LIES IN FLOOD ZONE "X" & "AE" AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANELS 3710463900J, WITH AN EFFECTIVE DATE OF MARCH 18, 2008.
8) POINTS NOT LABELED "FOUND" OR "SET" ARE COMPUTED POINTS ONLY. NO BOUNDARY WORK WAS PERFORMED BY PATTERSON LAND SURVEYING, P.A. TO DETERMINE PARCEL LINES.
9) NO NCGS OR USGS MONUMENTS FOUND WITHIN 2000' OF SUBJECT PARCEL.
10) A 10' DRAINAGE AND UTILITY EASEMENT IS RESERVED FOR ALL FRONT AND REAR LOT LINES. A 5' DRAINAGE AND UTILITY EASEMENT IS RESERVED FOR ALL SIDE LOT LINES.
11) A 30' VEGETATIVE BUFFER EXISTS ALONG LAKE NORMAN.

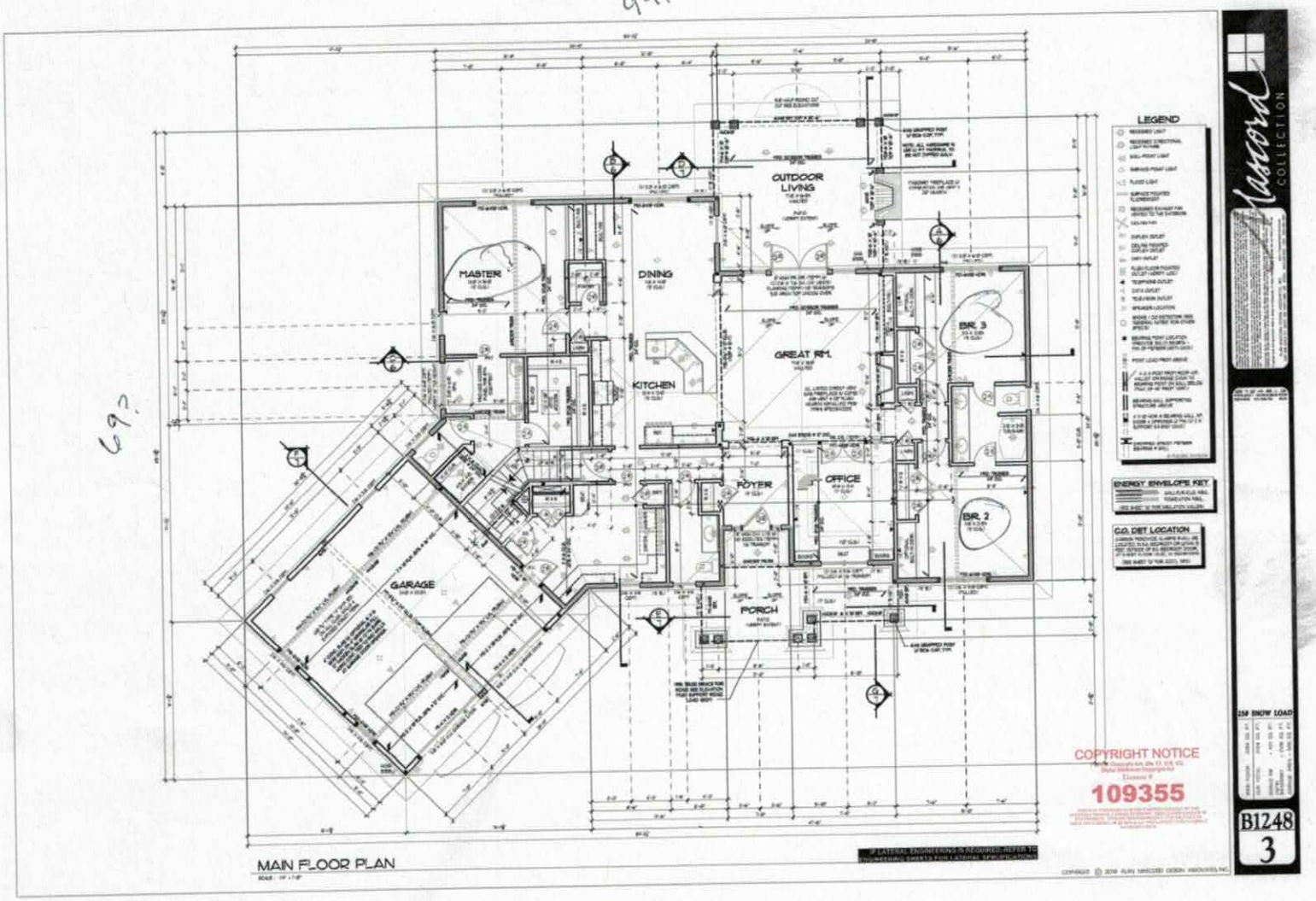


Acknowledgement of
Plans Submittal ONLY!

Maria Dolson Date 1/3/17

_____ Date _____

94?



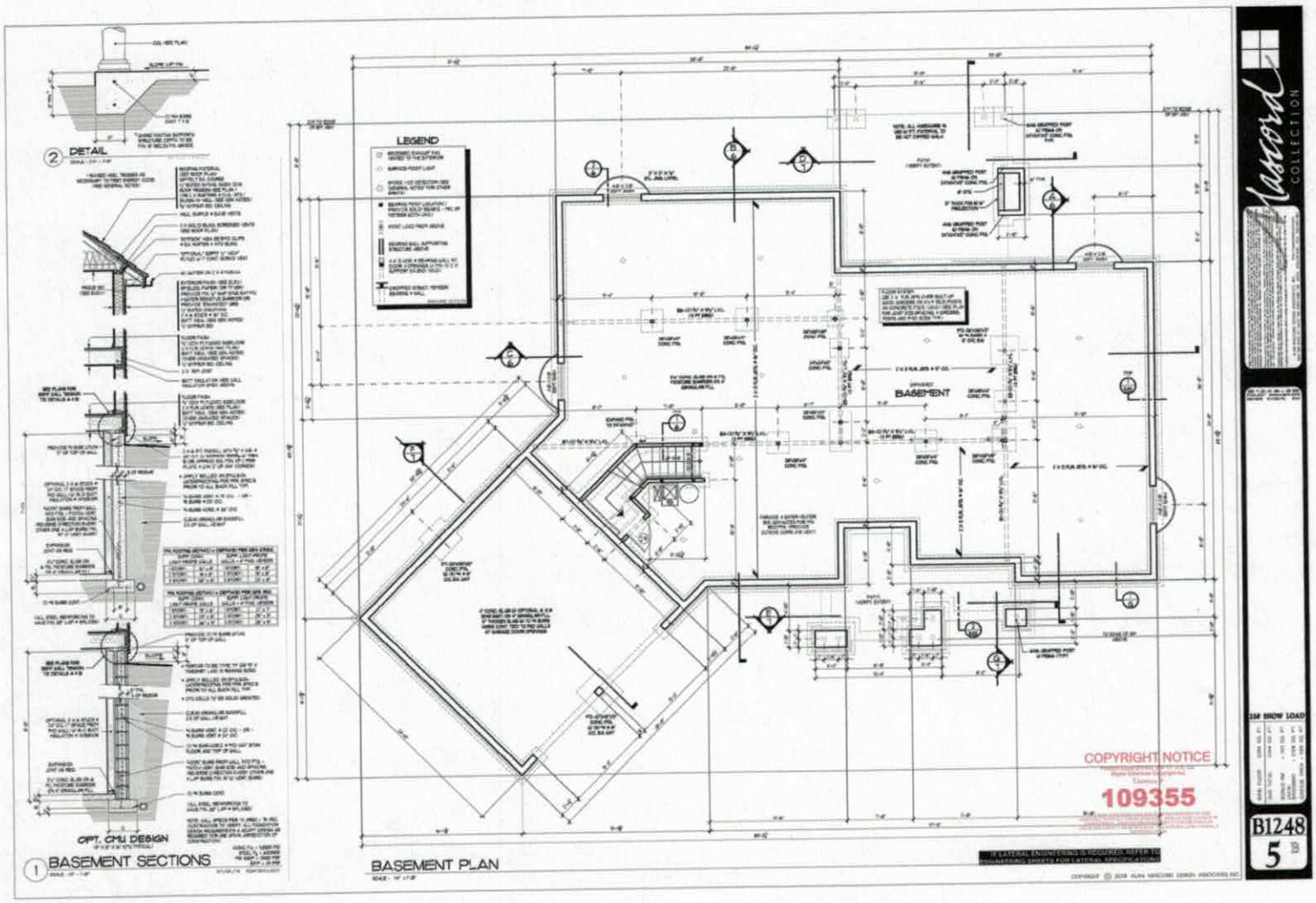
69?

COPYRIGHT NOTICE
109355

Acknowledgement of
Plans Submittal ONLY!

Maria Lobo Date 1/3/17

Date



Acknowledgement of
Plans Submittal ONLY!

_____ Date _____

_____ Date _____

IREDELL COUNTY

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

APPLICATION NUMBER
223678
Issue Date: 12/08/2016

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4639037388.000	258 BULLFINCH ROAD, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: PITTSONBERGER RICKY L+DANA J	Applicant: MICHAEL ATHANAS & ASSO
Address: 10110 COMPTON LANE HUNTERSVILLE, NC 28078	Address: 561 ENNIS RD WEDDINGTON, NC 28173
Phone:	Phone: 704-576-3887

Use Requested	Zone Code
SFD	RR

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.620	35.00	50.00	15.00	15.00	CACL	AE

Remarks:

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.

Applicant: _____ Date: _____

Permit Number	87724	TOTAL FEES:	$ 77.25