ICHD–ENVIRONMENTAL HEALTH DIVISION

PJB

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

PERMIT # AP-302989

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

PIN # 4635-13-0245

APPLICANT/OWNER: Robert M. Ackerman

APPLICANT ADDRESS: 106 Vineyard Dr. Mooresville, NC 28117

SITE ADDRESS: 106 Vineyard Dr. Mooresville, NC 28117

PHONE: 513-884-4465 ALT. PHONE —

SITE DIRECTIONS: BSR → The Point Dr → Meeting Circle → Vineyard → House on left

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Point on Norman

SECTION: 1A LOT # 38 LOT AREA: 0.73 acres

DESIGN FLOW: 480 GPD L.T.A.R.: 0.30

Septic Tank: Existing 1500 (gal) STB 338 Date 7-29-17

Pump Tank: — (gal) PT — Date —

Pump Make: — Model — Serial # —

Nitrification Fields: Ex-1 # Lines Ex 6 Linear Ft: Ex 400

Trench Width: Ex 36 Trench Bottom Depth(Low side): Ex Gravel Depth: —

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

System Description: Existing - 25% Reduction (serial distribution)

Repair System Description: Relocated - LPP-PBPS (50% Reduction)

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 4

☐ Business No. Persons 8

☐ Other No. Employees

☐ Slab ☒ Crawl Space Existing

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: This permit is for the relocation of some repair area to make room for a 22' x 30' pool area.

INITIAL SITE SKETCH

See attached plans from Michael Athanas + Associates

Michael Athanas LSS # 1252

Dated 11/26/19

Revised 12/17/19 (Design + site plan)

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: Date: 12/20/19

Installed by: Richard Abernathy (10/31/17)

IMPROVEMENT PERMIT by: S Thomas Shuch Date: 12/19/19

OPERATION PERMIT by: S Thomas Shuch Date: 12/19/19

AUTHORIZATION TO CONSTRUCT by: S Thomas Shuch Date: 12/19/19

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.

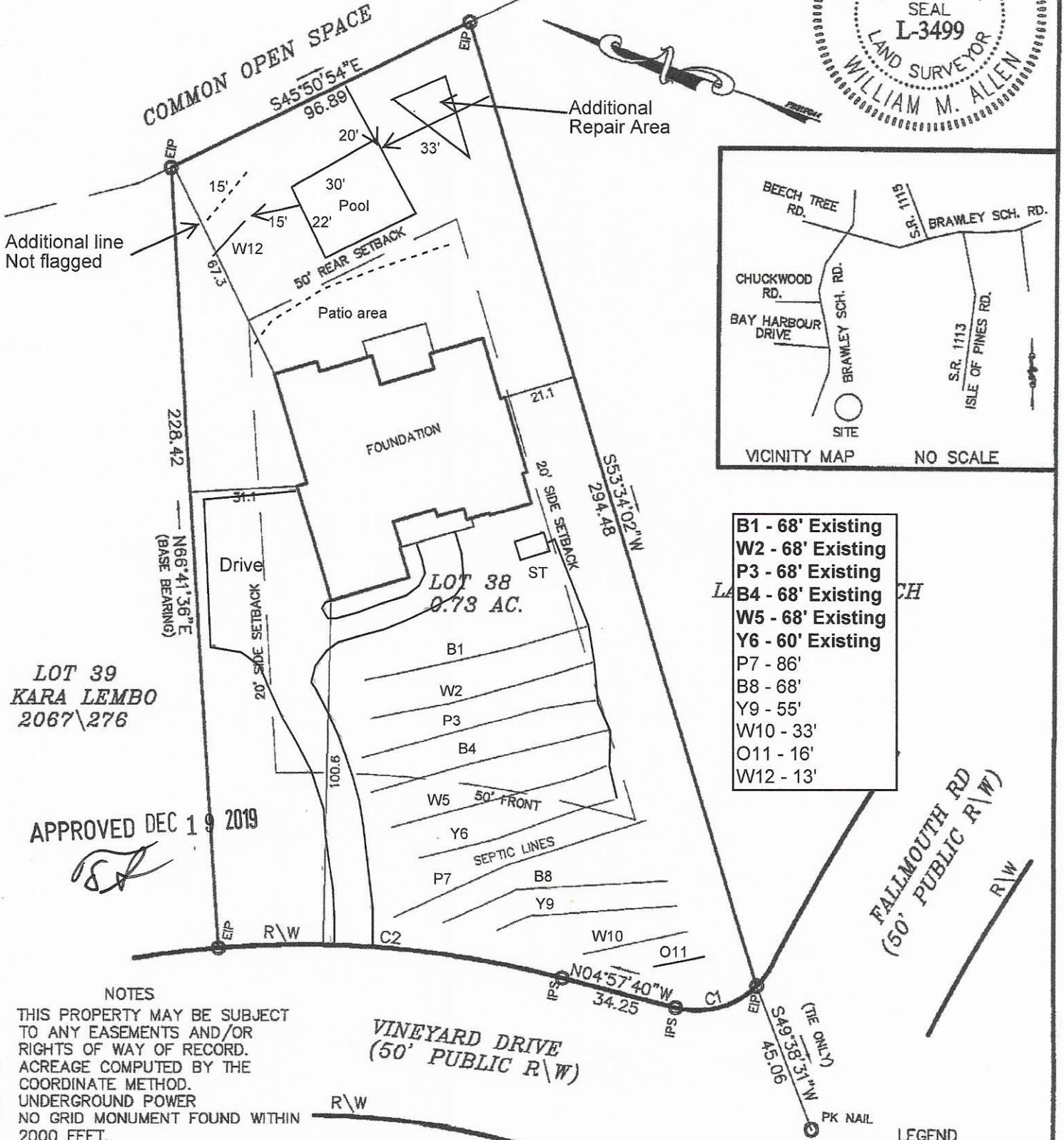
plat book ____, page ____, that the ratio of precision is 1:10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C.

my hand and seal on the 14, day of NOV, A.D. 20 19.

WILLIAM M. ALLEN, PLS

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	25.00'	25.73'	S 34°27'10" E	24.61'
C2	300.00'	101.34'	N 14°38'19" W	100.86'



B1 - 68' Existing
W2 - 68' Existing
P3 - 68' Existing
B4 - 68' Existing
W5 - 68' Existing
Y6 - 60' Existing
P7 - 86'
B8 - 68'
Y9 - 55'
W10 - 33'
O11 - 16'
W12 - 13'

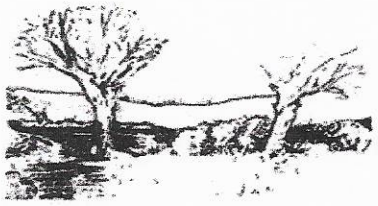
APPROVED DEC 19 2019

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.

0' 20' 40' 100'
SCALE IN FEET

LEGEND
= P.P. = POWER POLE
□ = POWER TRANS.
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET

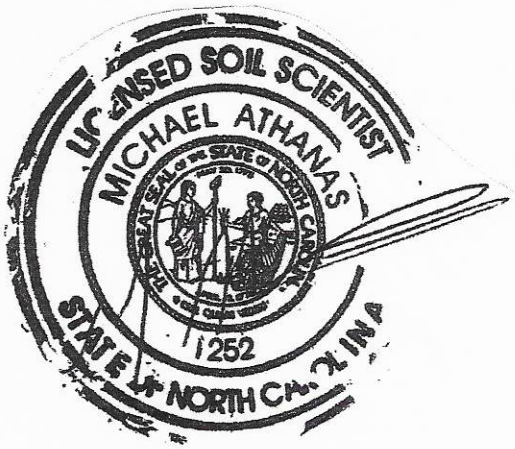
BOUNDARY\SEPTIC SURVEY



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887
12/10/19

Reference: Data Sheet for 106 Vineyard Dr, The Point 1A Lot 38
House Footprint: See attached plan
Building Setbacks: 50' front/rear, 20' side
Water Source: Community well
Number of Bedrooms/Daily Flow: 4/480 GPD
Predetermined LTAR: 0.3 GPD/FT^2 (ICHD)
Existing System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap
Septic Tank Size: 1500 gallons
Proposed Trench Bottom: 30-36" (repair)

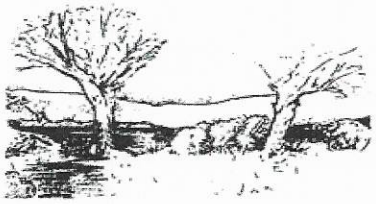
Line	Design Length	Actual Length
Blue 1	**68'**	**68'**
White 2	**68'**	**68'**
Pink 3	**68'**	**68'**
Blue 4	**68'**	**68'**
White 5	**68'**	**68'**
Yellow 6	**60'**	**60'**
Pink 7		86'
Blue 8		68'
Yellow 9		55'
White 10		33'
Orange 11		16'
White 12		13'



Initial System: 400' **Repair System:** 271'

APPROVED DEC 19 2019

Comments:
MA&A have defined the repair area to make room for a pool in the rear.



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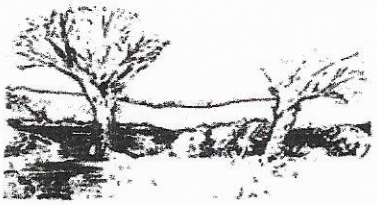
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Water Source: Community well
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Pink 7		86'
Blue 8		68'
Yellow 9		55'
White 10		33'
Orange 11		16'
White 12		13'
Not Flagged		15'

APPROVED DEC 19 2019

Initial System: 400' **Repair System:** 286'

Comments:
MA&A have defined the repair area to make room for a pool in the rear.
There is a buried power line that crosses the repair area in the front. At the time of repair, this power line will need to be rerouted and trench that it is in will need to be addressed to prevent any possible short circuits between lines. Additional repair has been noted on the site plan.



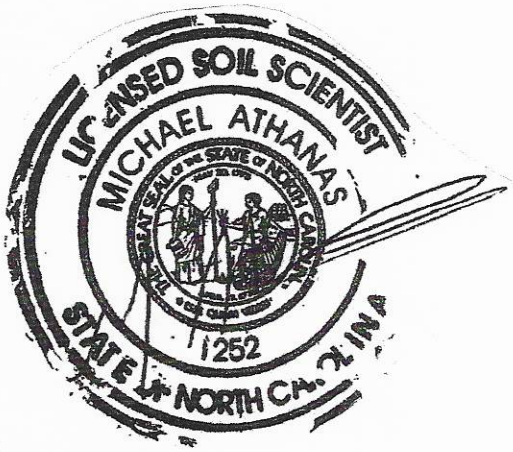
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00/00/00

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Yellow 6	**60'**	**60'**
Pink 7		86'
Blue 8		68'
Yellow 9		55'
White 10		33'
White 11		19'
Blue 12		19'
Pink 13		19'

Initial System: 400' **Repair System:** 299'

Comments:
MA&A have defined the repair area to make room for a pool in the rear.

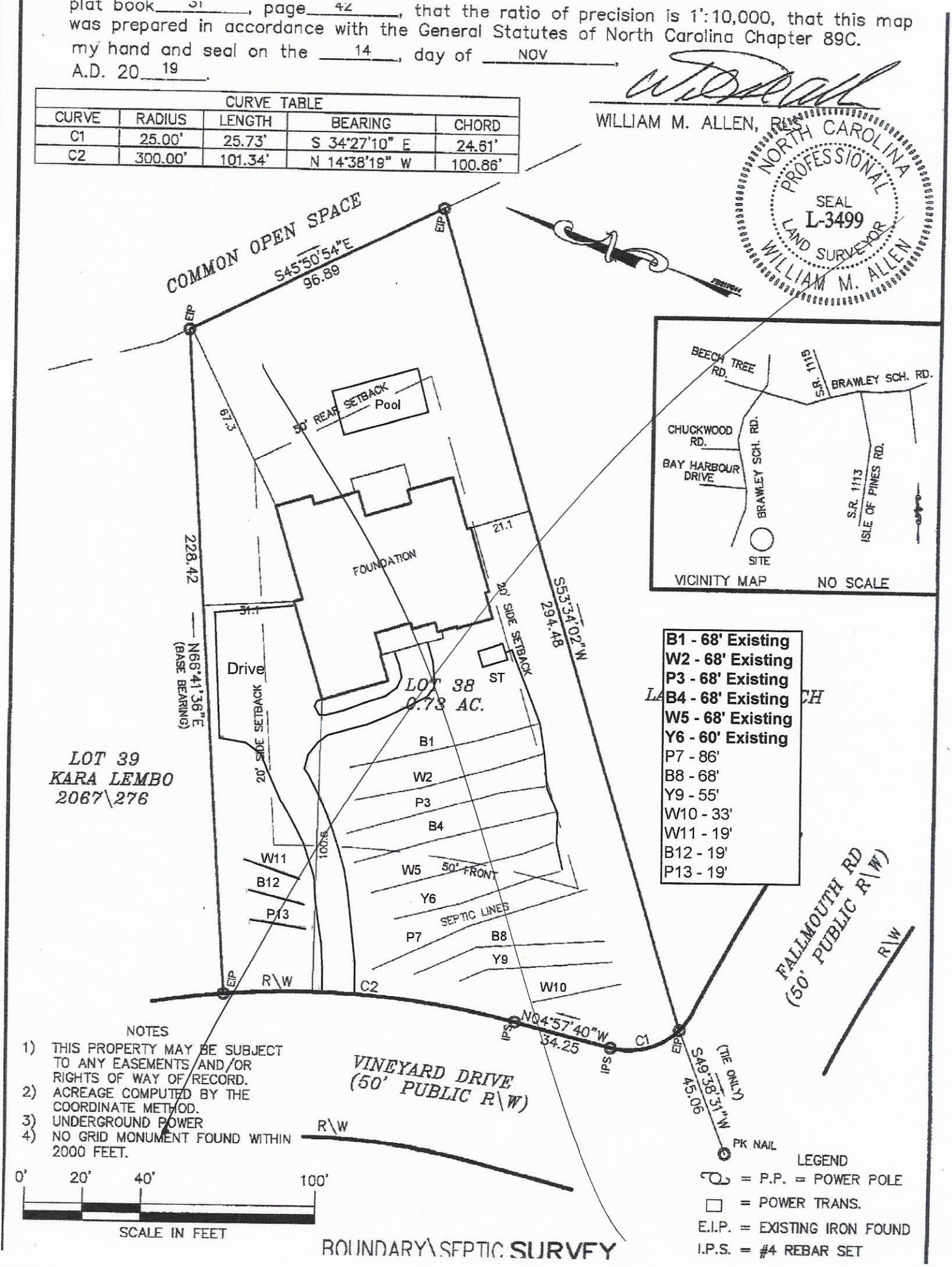


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NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN

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P.P. = POWER POLE
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BOUNDARY\SEPTIC SURVEY

RECEIVED NOV 2 7 2019

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $200.00 AP-302989

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: Robert M. Ackerman Address: 106 Vineyard Dr, Mooresville, NC Zip: 28117
Applicant Email: _____ Phone: 513-884-4465 Alt. Phone: _____
Owner Name: Same Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 106 Vineyard Dr
Subdivision Name: The Point Section/Phase: 1A Lot Number: 38
Driving Directions: _____

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

CHECK FOUNDATION TYPE

( ) New Single Family Residence — Maximum Number of Bedrooms: 4 — ( ) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: _____ — ( ) Concrete Slab Foundation
( ) Accessory Building — (✓) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____ — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
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: 2017
( ) 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: _____ 11/26/2019
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

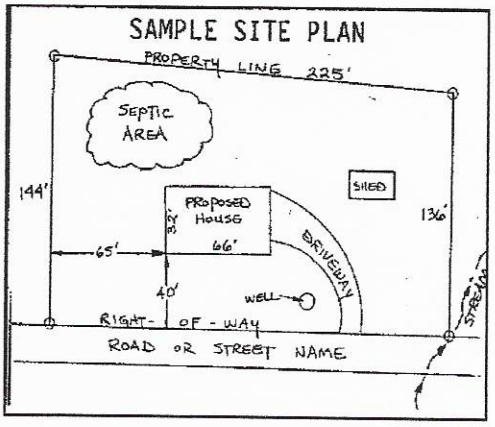
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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: _____

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

11/26/2019

DATE

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 217700

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

PIN # 4635130245

APPLICANT/OWNER: ARH Bluefield Builders | APPLICANT ADDRESS: 127 Promenade Dr #B Mooresville, NC 28117

SITE ADDRESS: 106 Vineyard Dr. Mooresville, NC | PHONE: 704 746-3536 | ALT. PHONE 704 361 6402

SITE DIRECTIONS: Brawley School Rd TR The Point Dr TL Meeting Circle TL Vineyard on left | SAP CONTROLLED: ☐ YES ☒ NO

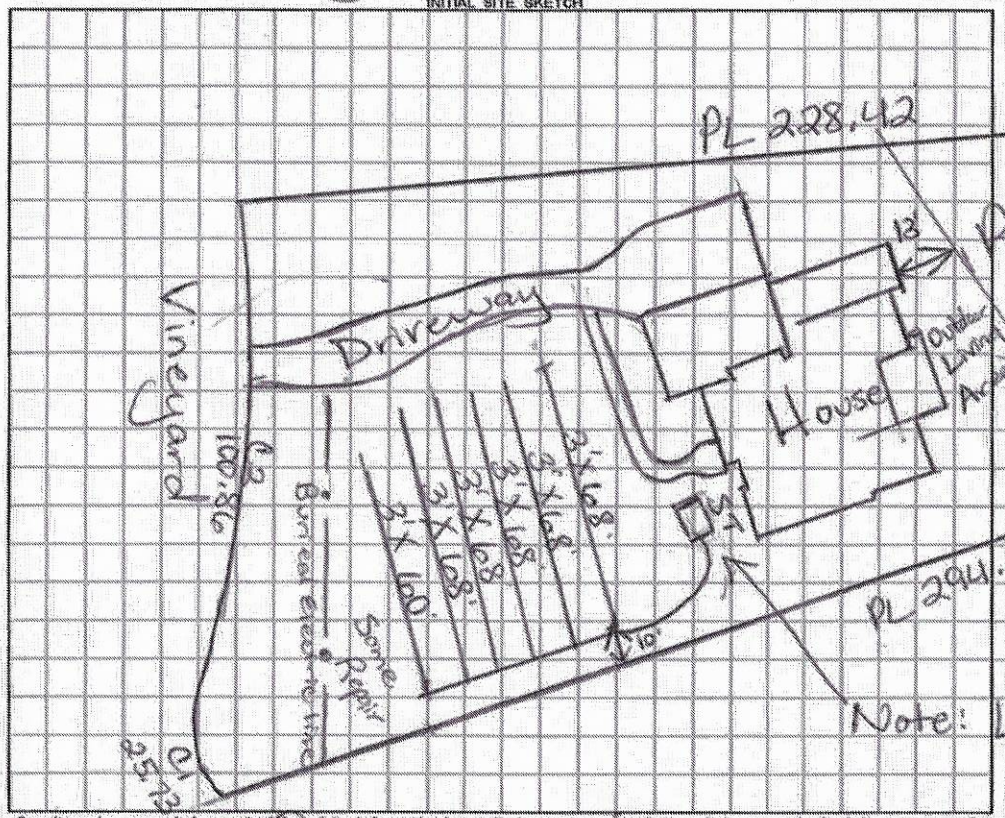
SUBDIVISION: The Point ON NORMAN | SECTION: A | LOT# 38 | LOT AREA: .73 Acre | DESIGN FLOW: 480gpd | L.T.A.R.: .3

Septic Tank	Min 1000 (gal)	STB	338	Date	7-29-17	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	(gal)	PT		Date		System Description:	Gravity - 25% Reduction	☐ Business	No. Persons	8	☐ Private
Pump Make		Model		Serial #		Repair System Description:	PIPERS	☐ Other	No. Employees		☐ Public
# Nitrification Fields		# Lines	10	Linear Ft	400'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space		☒ Community
Trench Width	36"	Trench Bottom Depth(Low side)	36"	Gravel Depth	N/A		☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: * Refer to Crescent Communities On Site Sewage Disposal guidelines for ST size

Used Quick 4 Installed As drawn

INITIAL SITE SKETCH



AS BUILT SKETCH

Scale 1:50

Note: Leave room for future Pumptank (PT)

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: 10/12/17 Installed by: Richard Abernathy

IMPROVEMENT PERMIT by: Maria Dotson Date: 10/9/17 OPERATION PERMIT by: Maria Dotson Date: 10/31/17

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 10/12/17 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 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, Robert M Ackerman, am the legal owner(s) of the property located at 106 Vineyard Dr Mooresville NC 28117, identified as PIN (Parcel Identification Number) 4625941684, 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.

Signature of Owner(s)	Date	Signature of Witness	Date
	11/25/19		11/25/19

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
[redacted]
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
[redacted]
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY · NC

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

APPLICATION NUMBER
302989 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4635130245.000	106 VINEYARD DR	

Owner Information	Applicant Information
Name: ACKERMAN ROBERT M+JUDITH L	Name: MICHAEL ATHANAS & ASSOCIATES
Address:	Address: 561 ENNIS RD
	WEDDINGTON, NC 28173
Phone:	Phone: (704)576-3887

Use Requested	Zone Code
	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0	0	10	10	10		

Remarks
POOL-

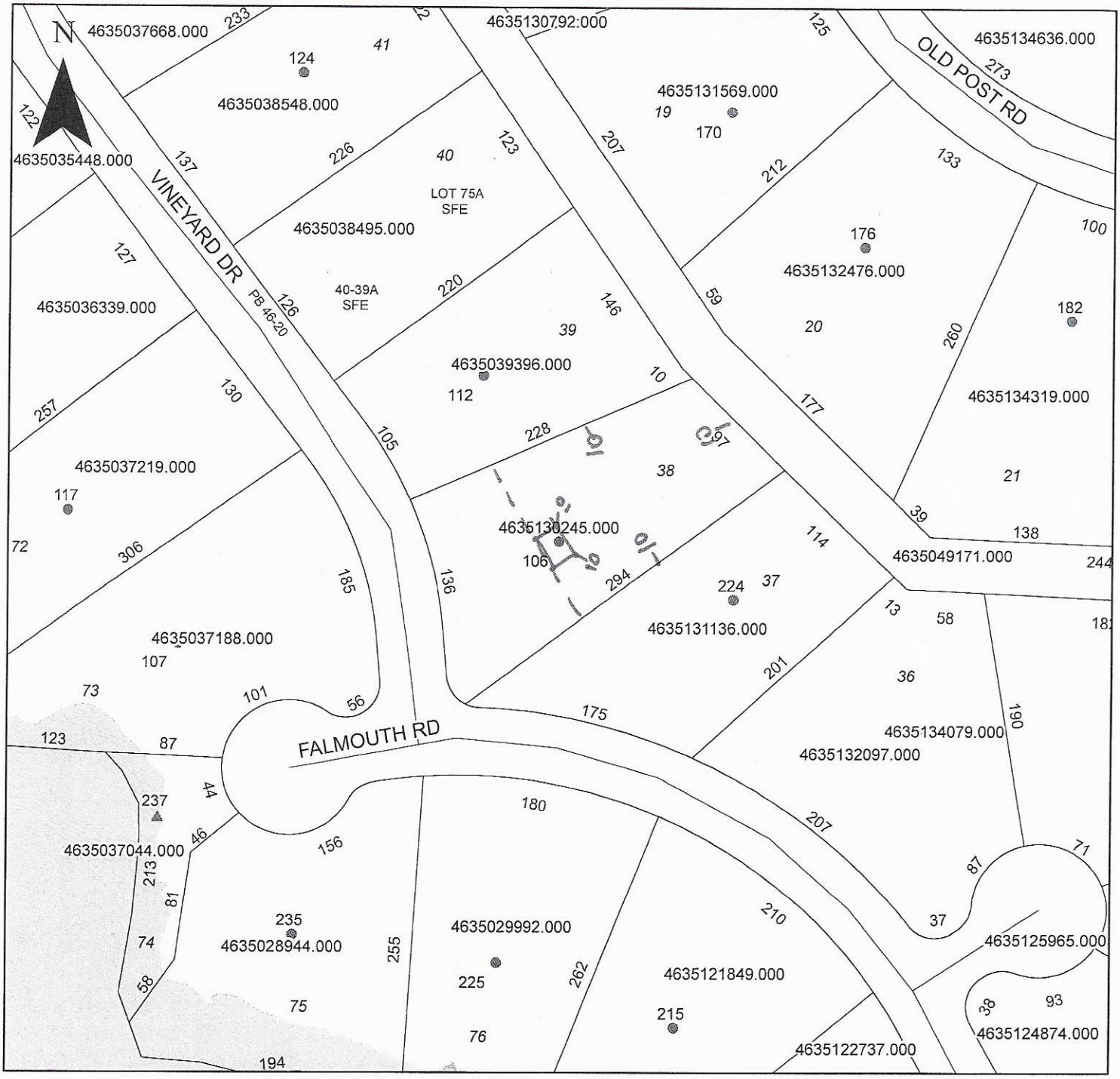
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Date: 11/26/2019

Signature of Owner/Contractor

Permit Number	302989	TOTAL FEES:	$77.25

ZONING DISCLAIMER



Property Address 106 Vineyard Dr.

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Applicant

11/26/2019
Date