PJB BLDR# 2023-24261 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 # 314609

N # 3795689770

APPLICANT/OWNER: Josepha Erica Petrick | APPLICANT ADDRESS: 129 Collenton Ln Mooresville, NC 28115

SITE ADDRESS: 172 Miracle Farm Rd Stony Pt, NC | PHONE Aaron (Builder) 704-224-9047 | ALT. PHONE

SITE DIRECTIONS: I-40 West exit on Old Mountain Rd TR take to Miracle Farm Rd on right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: N/A | SECTION: | LOT #: | LOT AREA: 12.374 Ac | DESIGN FLOW: 480 gpd | L.T.A.R.: .275

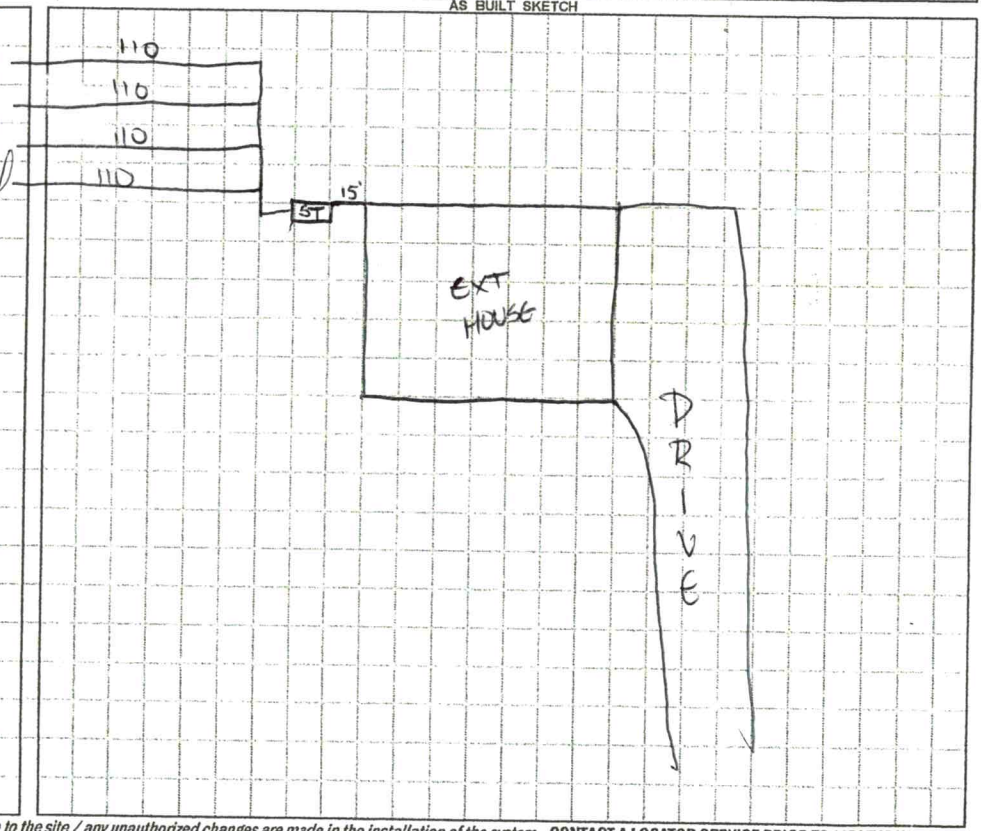
Septic Tank	1000 (gal)	STB 760	Date 9/13/2023	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	— (gal)	PT —	Date —	System Description:	Gravity-25% Reduction	☐ Business	No. Persons	8	☐ Private
Pump Make	—	Model —	Serial # —	Repair System Description:	25% Reduction	☐ Other	No. Employees		☒ Public
# Nitrification Fields	1	# Lines 4	Linear Ft. 440	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☐ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth(Low side)	24" / 36"	Gravel Depth N/A	☒ GRAVITY ☐ PRESSURE	☒ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Divert Storm / Surface Water Away from Septic.

INITIAL SITE SKETCH

See attached, approved Septic plan dated 2/2/21 by Michael Athanas & Assoc.

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**

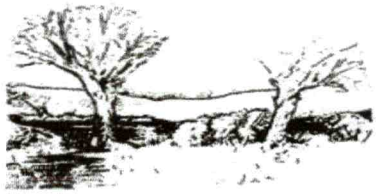
☐ IMPROVEMENT PERMIT *with plat valid without expiration.* ☒ IMPROVEMENT PERMIT *with site plan valid for 60 mos.* ☒ AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 2/12/2024 Installed by: Craig Thompson

IMPROVEMENT PERMIT by: Maria Dotson Date: 2/11/21 OPERATION PERMIT by: Sarah Williams Date: 11/02/2023

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 2/11/21 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.



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556Walden Trail
Weddington, NC 28173
(704) 576-3887
1/29/2021

Reference: Data Sheet for 172 Miracle Farm Rd
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: County Water
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.275 GPD/FT^2
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Gravity-End cap/Drop boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24-36"

Approved
2/11/21

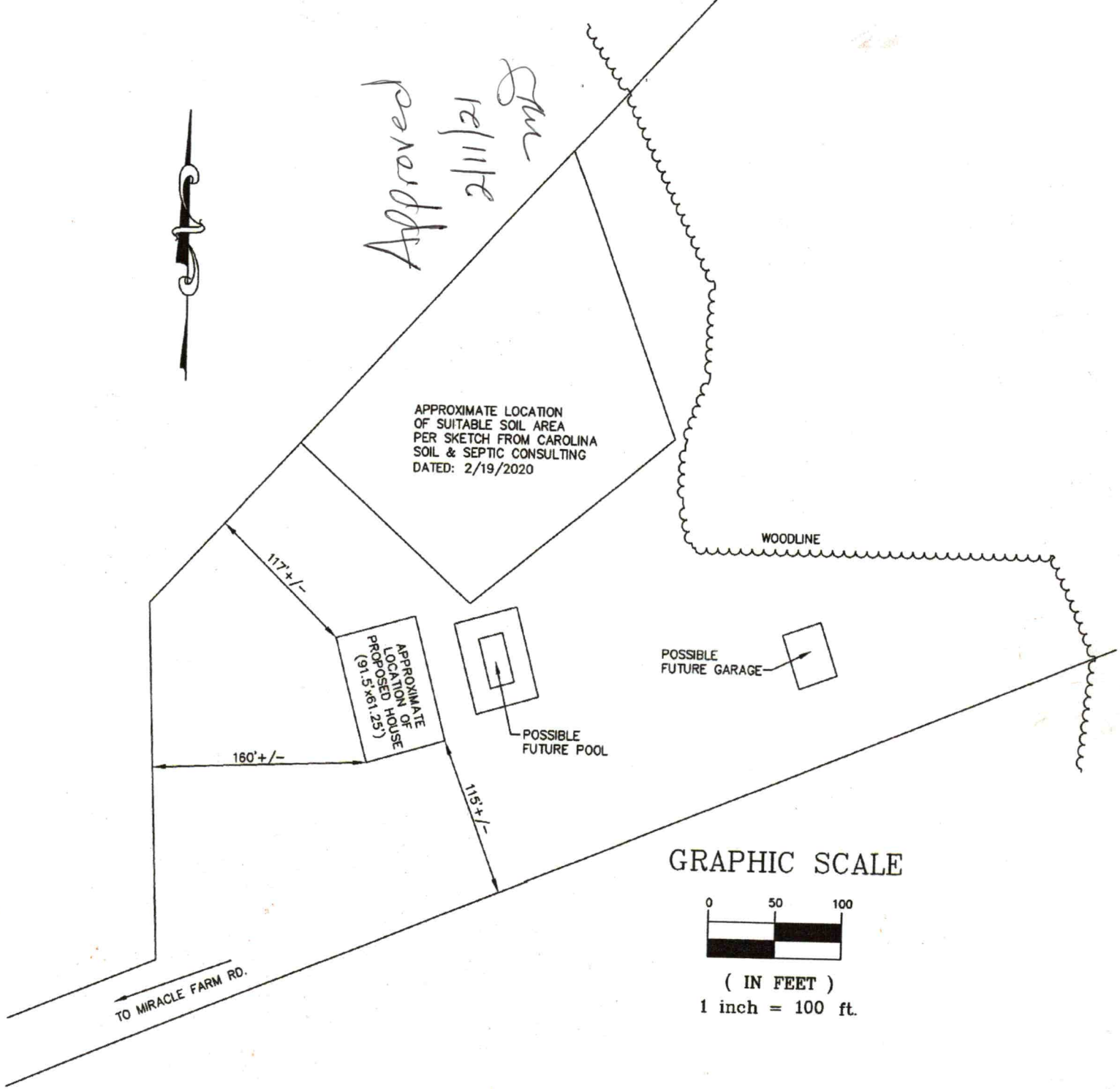
Line	Design Length	Actual Length
Yellow 1	**110'**	**110'**
Pink 2	**110'**	**110'**
Red 3	**110'**	**110'**
White 4	**110'**	**110'**
Blue 5	110'	110'
Red 6	110'	110'
White 7	110'	110'
Yellow 8	110'	110'

Initial System: 440' **Repair System:** 440'

Comments:



Y1 - 110'
P2 - 110'
R3 - 110'
W4 - 110'
B5 - 110'
R6 - 110'
W7 - 110'
Y8 - 110'
Scale
1"=60'
Y1
P2
R3
W4
B5
R6
W7
Y8
Pit 1
Pit 2
Pit 3
Pit 4
ST
117'+/-
APPROXIMATE LOCATION OF PROPOSED HOUSE (91.5'x61.25')
160'+/-
Drive
115'+/-
POSSIBLE FUTURE POOL
TO MIRACLE FARM RD.
POS
FUT


Approved
2/11/21
APPROXIMATE LOCATION
OF SUITABLE SOIL AREA
PER SKETCH FROM CAROLINA
SOIL & SEPTIC CONSULTING
DATED: 2/19/2020
WOODLINE
117'+/-
APPROXIMATE
LOCATION OF
PROPOSED HOUSE
(91.5'x61.25')
POSSIBLE
FUTURE POOL
POSSIBLE
FUTURE GARAGE
160'+/-
115'+/-
TO MIRACLE FARM RD.
GRAPHIC SCALE
0
50
100
(IN FEET)
1 inch = 100 ft.

Please CALL prior to inspection

Name: Gary 704-310-1832

RECEIVED FEB 2 - 2020

DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $350.00 AP-314609

( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment

(X) Septic Improvement Permit (X) 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: Joseph & Erica Petrick **Address:** 129 Collenton Ln, Mooresville, NC **Zip:** 28115

Applicant Email: _____ **Phone:** Aaron-704-224-6047(builder) **Alt. Phone:** _____

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

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

****

Property Information:

Street Address: 172 Miracle Farm Rd

Subdivision Name: _____ **Section/Phase:** _____ **Lot Number:** _____

Driving Directions: _____

****

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

CHECK FOUNDATION TYPE

(X) 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: 8
(X) Swimming Pool
( ) Other Addition/Structure: _____

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(X) 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 (X) 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 (X) Other: Accepted

****

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: _____ 2/2/2021

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

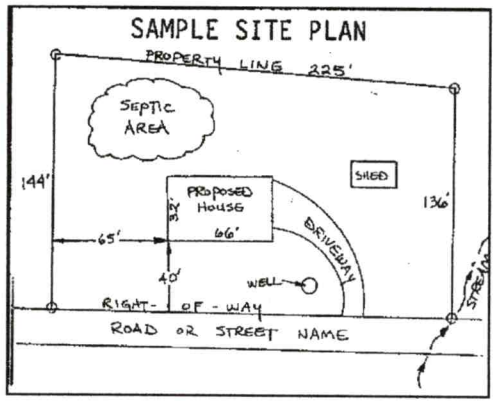
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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: _____

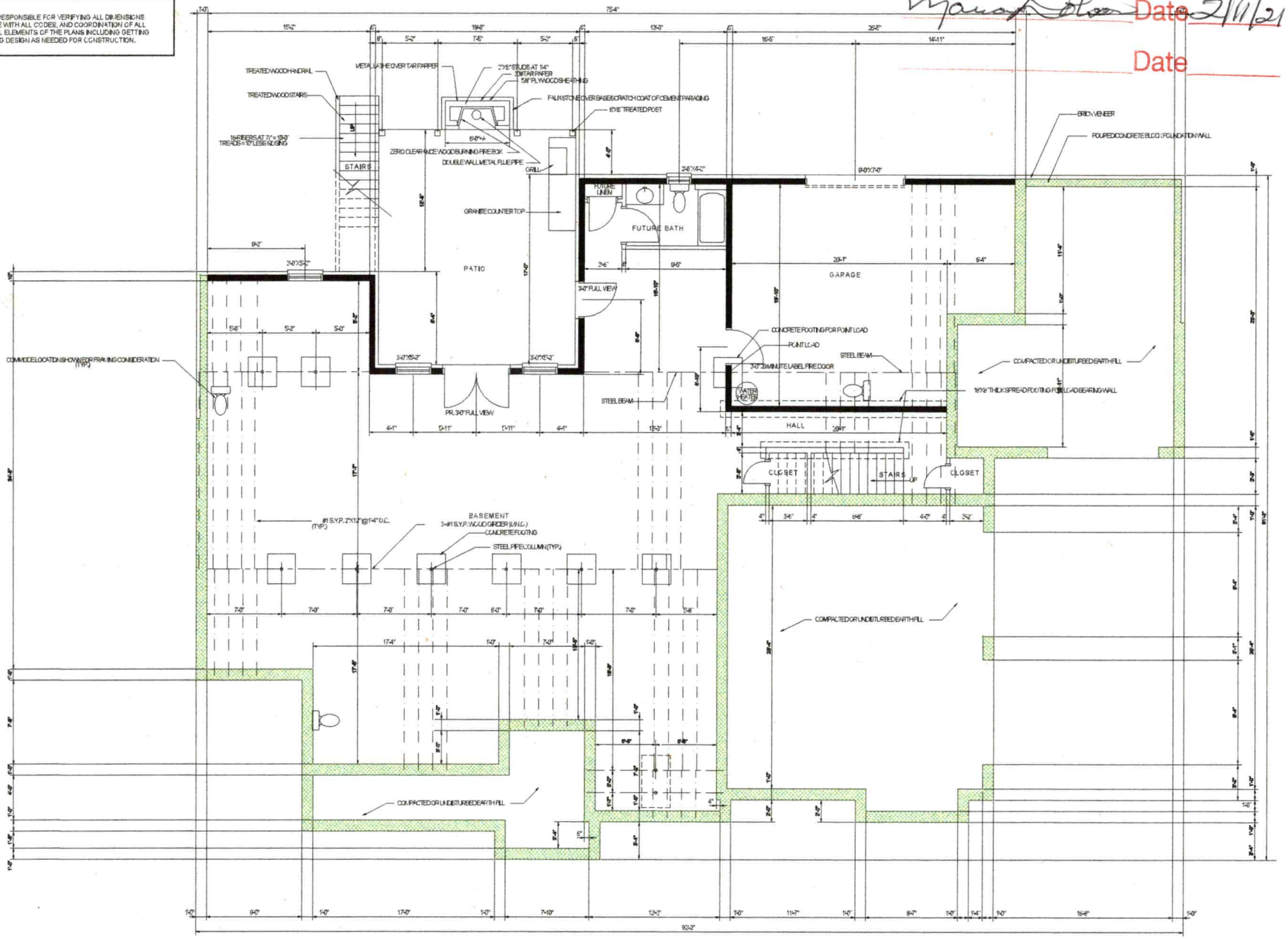
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

2/2/2021

DATE

Acknowledgement Of
Plans Submittal ONLY!
Date 2/11/21
Date

NOTE:
BUILDER IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS COMPLIANCE WITH ALL CODES, AND COORDINATION OF ALL STRUCTURAL ELEMENTS OF THE PLANS INCLUDING GETTING ENGINEERING DESIGN AS NEEDED FOR CONSTRUCTION.



HEATED FLOOR AREA: 2746 SQ. FT.

BASEMENT FLOOR AND FRAMING PLAN

2/12/2021

NANTZ DRAFTING & DESIGN
DRAFTING SERVICES & RESIDENTIAL DESIGN
147 NANTZ WOODS LANE
TROUTMAN, N. C. 28166
TEL#. 704-883-8349
EMAIL: nantz@carolina.rr.com

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NO.	DATE	DESCRIPTION	BY
		REVISIONS	

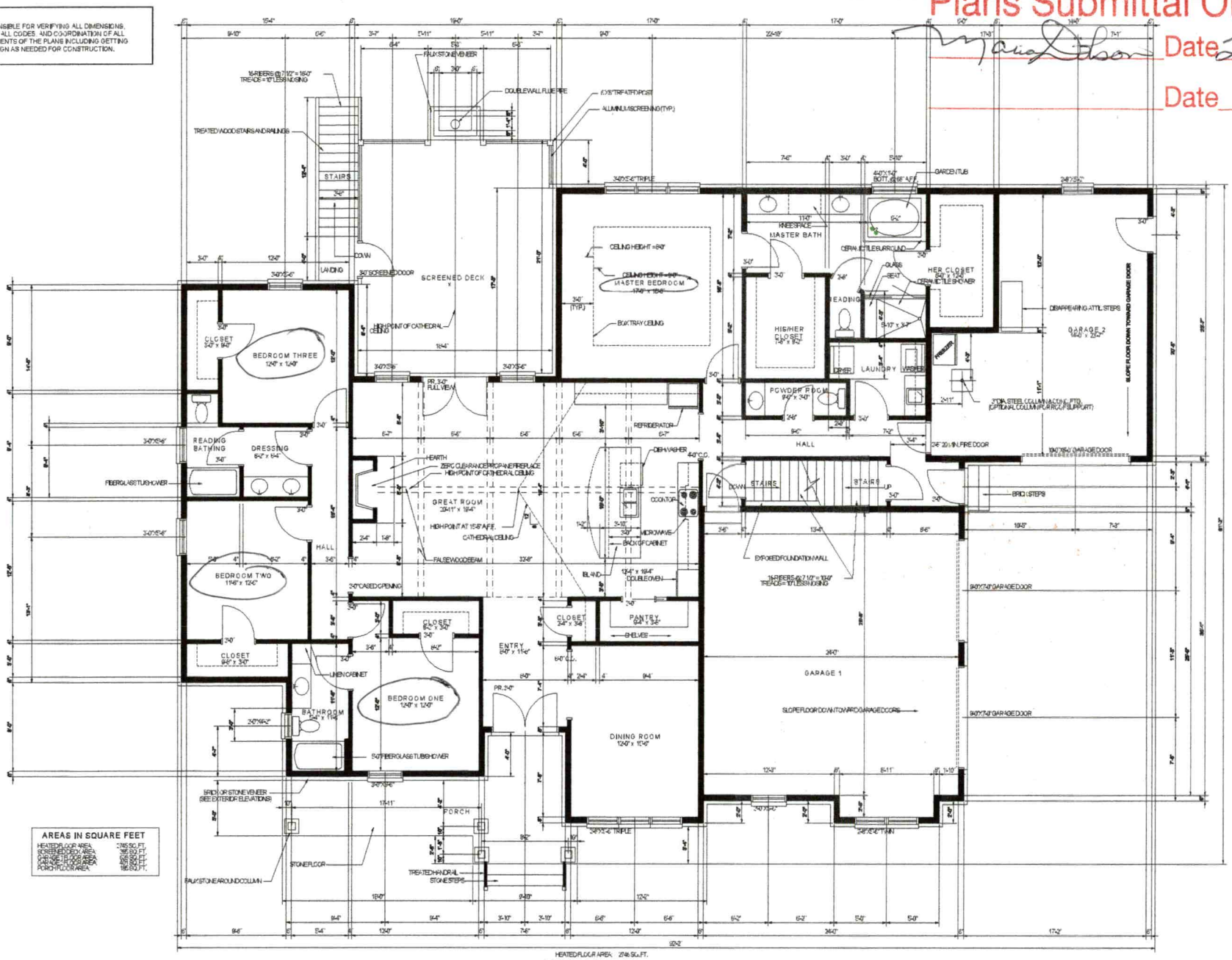
SHEET NO. 1
A NEW RESIDENCE FOR:
JOE and ERICA PETRICK and FAMILY
MIRACLE FARM ROAD
STOKES POINT, NORTH CAROLINA
BASEMENT FLOOR AND FRAMING PLAN
DRAWN: NANTZ
DATE: 1-15-21
SCALE: 1/4" = 1'-0"

Acknowledgement Of
Plans Submittal ONLY!

Date 2/11/21

Date

NOTE:
BUILDER IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, COMPLIANCE WITH ALL CODES AND COORDINATION OF ALL STRUCTURAL ELEMENTS OF THE PLANS INCLUDING GETTING ENGINEERING DESIGN AS NEEDED FOR CONSTRUCTION.



HEATED FLOOR AREA 2746 SQ.FT.

MAIN FLOOR PLAN

AREAS IN SQUARE FEET	
HEATED FLOOR AREA	2765 SQ.FT.
SCREENED DECK AREA	195 SQ.FT.
GARAGE 1 FLOOR AREA	858 SQ.FT.
GARAGE 2 FLOOR AREA	290 SQ.FT.
PORCH FLOOR AREA	162 SQ.FT.

2/12/2021

NANTZ DRAFTING & DESIGN
DRAFTING SERVICES & RESIDENTIAL DESIGN
147 NANTZ WOODS LANE
TROUTMAN, N. C. 28166
TELE. 704-880-0020
EMAIL: dnantz@bellsouth.net

NO.	DATE	DESCRIPTION	BY
		REVISIONS	

A NEW RESIDENCE FOR:
JOE and ERICA PETRICK and FAMILY
LOT 1 PHASE 1 FOREST RIDGE
STONY POINT, NORTH CAROLINA

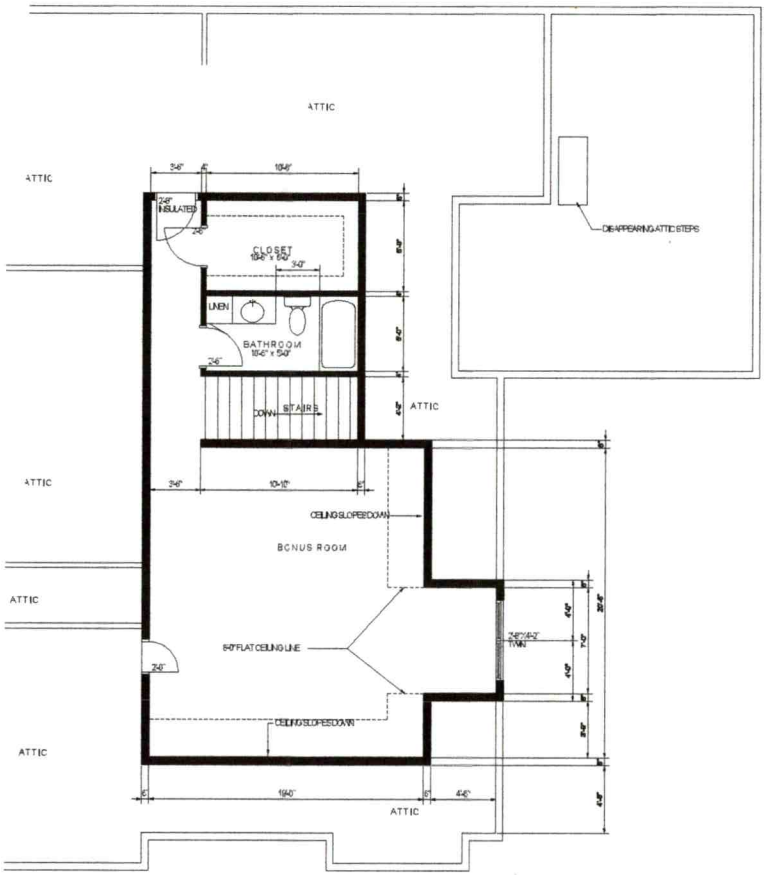
MAIN FLOOR PLAN

SHEET NO. 2
DRAWN NANTZ
DATE 1-18-21
SCALE: 1/4" = 1'-0"

Acknowledgement Of
Plans Submittal ONLY!

Maria Deba Date 2/11/2021

_____ Date _____



HEATED FLOOR AREA 671 SQ.FT.

BONUS ROOM FLOOR PLAN

2/12/2021

NANTZ DRAFTING & DESIGN
DRAFTING SERVICES & RESIDENTIAL DESIGN
147 NANTZ WOODS LANE
TROUTMAN, N. C. 28166
TELE.: 704-660-4563
EMAIL: dnantz@bellsouth.net

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REVISIONS

NO.	DATE	DESCRIPTION	BY

SHEET NO. 3

A NEW RESIDENCE FOR:
JOE and ERICA PETRICK and FAMILY
MIRACLE PARK ROAD
STONY POINT, NORTH CAROLINA

DRAWN NANTZ

DATE 1-18-21

BONUS ROOM FLOOR PLAN

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

PROPERTY ID #: 3795689770
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Joseph & Erica Petrick
ADDRESS: 129 Collenton Ln, Mooresville, NC 28115
PROPOSED FACILITY: 4 BDRM PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 172 Miracle Farm Rd

APPLICATION DATE
DATE EVALUATED: 1/2021
PROPERTY SIZE: 12.374 AC
PROPERTY RECORDED:

WATER SUPPLY: ☐ Private X Public ☐ 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 6%	0-10	Br CL WSBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.3-0.275
		10-50	R C SBK/ABK	FR SS SP SXP					
2	LS 6%	0-10	Br CL WSBK	FR SS SP SXP	Mn	48"	N/A	N/A	PS 0.275
		10-48	R C SBK/SBK	FR SS SP SXP					
3	LS 6%	0-7	Br CL WSBK	FR SS SP SXP	N/A	49"	N/A	N/A	PS 0.3-0.275
		7-49	R C SBK/SBK	FR SS SP SXP					
4	LS 6%	0-6	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		6-48	R C SBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1320 FT^2	1320 FT^2
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.275	0.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

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, Erica Whitley Petrick, am the legal owner(s) of the property located at 172 Miracle Farm Rd Stony Point, NC 28678, identified as PIN (Parcel Identification Number) 3795-68-9770, 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)	1/25/2021 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

ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.

***** Initial all lines below to indicate you have submitted each form and completed every site requirement *****

✓ **Complete all Environmental Health forms**:
- ✓ Application
- ✓ Site Plan with dimensions of proposed structure, addition, pool etc.
- ✓ Documentation to Authorize Owner Agent (if the property owner is not the applicant)
- ✓ Copy of Zoning Permit when applicable
- ✓ Sign this sheet after you have completed all items

✓ **Lot must be cleared of heavy undergrowth.** In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with **50 feet of visibility** in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

✓ **Clearly mark all property corners by locating existing iron or concrete markers**. Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only).
'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged**.

✓ **Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted.** The proposed structure, etc. **must be staked** out on the property as per the site plan.

✓ If an **Authorization to Construct (AC) is desired**, submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application.
Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are non-refundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.

Backhoe pits are required for all applications that require a soils evaluation.
DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.
- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- **The applicant/agent is responsible for securing these services**
- **Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.**
- **The EH specialist will contact you when your application is ready to be processed for pit scheduling.**
- **Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work.**

By signing below I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).

Signature _____ **Date** 2/2/2021

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

Mooresville Office
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625

IREDELL COUNTY · NC

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

APPLICATION NUMBER
314609
Issue Date: 02/02/2021

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
3795689770.000	172 MIRACLE FARM RD	Iredell County

Owner Information	Applicant Information
Name: PETRICK JOSEPH M III+ERICA W	Name: MICHAEL ATHANAS & ASSOCIATES
Address:	Address: 561 ENNIS RD WEDDINGTON, NC 28173
Phone:	Phone: (704)576-3887

Use Requested	Zone Code
Single Family Dwelling	R-20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0	35	35	15	15	N/A	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.

Date: 02/02/2021

Signature of Owner/Contractor

Permit Number	314609	TOTAL FEES:	$77.25