ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 316143

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

PIN # 4636-15-9821

APPLICANT/OWNER: Ronnie Smith | APPLICANT ADDRESS: 141 S Meeks Rd Statesville NC 28677

SITE ADDRESS: 1259 Brawley School Rd Mooresville NC | PHONE: 704 363 8888 | ALT. PHONE 704 663-7223

SITE DIRECTIONS: Brawley School Rd U-turn @ Isle of Pines property on right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Retreats | SECTION: 1 | LOT # 2 | LOT AREA: .78 Acre | DESIGN FLOW: 240gpd | L.T.A.R. .3Int / .25Rep

Septic Tank 1000 (gal) | STB 1012 | Date 4-6-22

Pump Tank (gal) | PT | Date

Pump Make | Model | Serial #

Nitrification Fields 1 | # Lines 2 | Linear Ft 200ft

Trench Width 36" | Trench Bottom Depth (Low side) Max 36" | Gravel Depth N/A

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

System Description: Gravity - 25% Reduction

Repair System Description: 50% Reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence ☐ Business ☐ Other ☒ Slab ☐ Basement w/ plumbing

No. Bedrooms 2 | No. Persons 4 | No. Employees | ☐ Crawl Space

Water Supply: ☒ Private ☐ Public ☐ Community

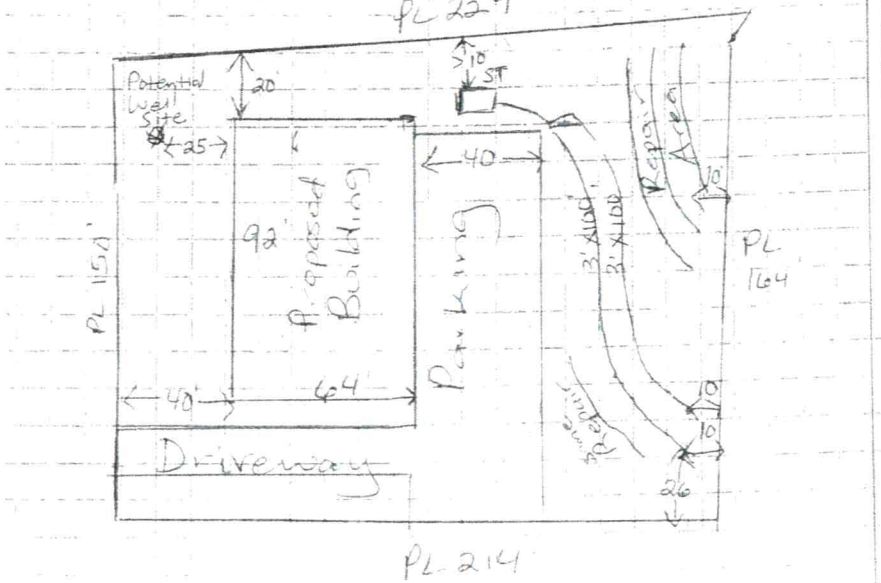
☐ Basement w/o plumbing

Comments / Conditions:

Divert Storm/Surface water away from Septic
No Vehicular Traffic over Septic System

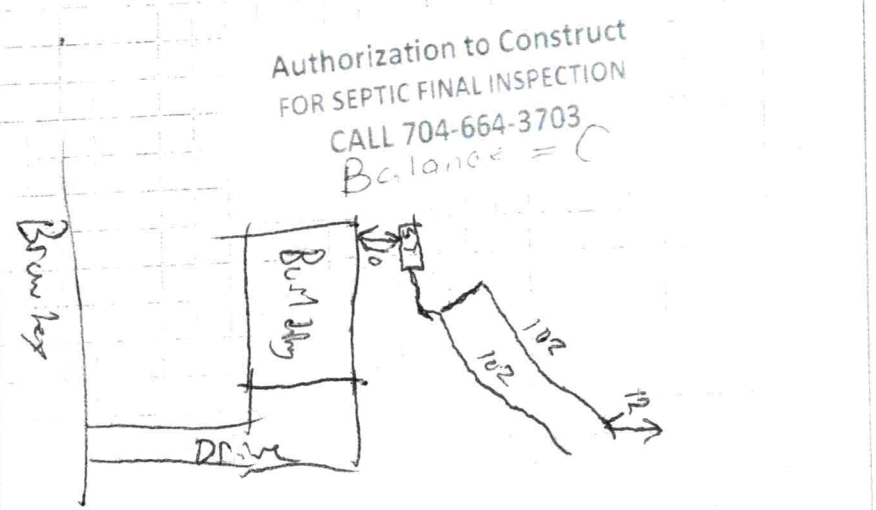
5/13/21 Reviewed Floorplans, in Compliance with IP. MD

INITIAL SITE SKETCH



AS BUILT SKETCH

the day the inspection is needed. Be sure to speak with an inspector to confirm your time.



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: Ronnie Smith | Date: 5/20/21 | Installed by: Craig Baldwin | Date: 8/17/22

IMPROVEMENT PERMIT by: Maria Lofton | Date: 5/12/21 | OPERATION PERMIT by: Craig Baldwin | Date:

AUTHORIZATION TO CONSTRUCT by: Maria Lofton | Date: 5/13 | Existing System Inspected by:

DW

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 316743

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

PIN # 4636-15-9821

APPLICANT/OWNER: Ronnie Smith | APPLICANT ADDRESS: 441 E Monbo Rd Statesville, NC 28677

SITE ADDRESS: 1259 Brawley School Rd Mooresville, NC | PHONE: 704 363 8888 | ALT. PHONE 704 663-7223

SITE DIRECTIONS: Brawley School Rd Uturn @ Isle of Pines property on right

SUBDIVISION: The Retreats | SECTION: 1 | LOT # 2 | LOT AREA: .78 Acre | SAP CONTROLLED: ☐ YES ☒ NO | DESIGN FLOW: 240gpd | L.T.A.R.: .3Int / .25Rep

Septic Tank	1000 (gal)	STB	Date	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence ☐ Business ☐ Other ☒ Slab ☐ Basement w/plumbing	No. Bedrooms 2 / No. Persons 4 / No. Employees / ☐ Crawl Space	Water Supply: ☒ Private ☐ Public ☐ Community
Pump Tank	(gal)	PT	Date					☐ Basement w/o plumbing
Pump Make		Model	Serial #	System Description: Gravity - 25% Reduction				
# Nitrification Fields	1	# Lines 2	Linear Ft 200Ft	Repair System Description: 50% Reduction				
Trench Width	36"	Trench Bottom Depth (~~Low side~~) max	36"	Maintenance Agreement Required: ☐ YES ☒ NO	Gravel Depth N/A	☒ GRAVITY ☐ PRESSURE		

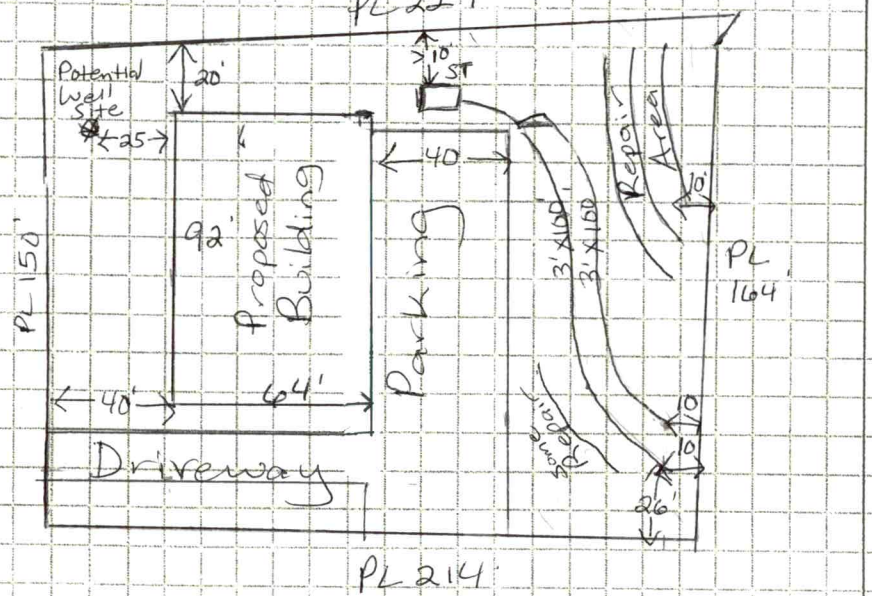
Comments / Conditions:

Divert Storm/Surface water away from Septic
*No Vehicular Traffic over Septic System.

5/13/21 Reviewed Floor plans, in Compliance with IP. MD

INITIAL SITE SKETCH

Scale 1:60



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Authorization to Construct
FOR SEPTIC FINAL INSPECTION
CALL 704-664-3703
Balance = 0

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: 5/20/21 | Installed by:

IMPROVEMENT PERMIT by: Maria Dotson Date: 5/12/21 | OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 5/13/21 | Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

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

Sheet ___ of ___
PROPERTY ID #: 4636159821
COUNTY: Iredell

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

OWNER: Ronnie Smith — APPLICATION DATE: 4/5/21
ADDRESS: 441 E. Monbo Rd Statesville, NC 28677 — DATE EVALUATED: 5/5/21
PROPOSED FACILITY: Residence — PROPOSED DESIGN FLOW (.1949): 240gpd — PROPERTY SIZE: .78 Acre
LOCATION OF SITE: Lot #2 - 1259 Brawley School Rd — PROPERTY RECORDED: Y
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Rep 5%	0-18	Brw SCL	w SBK SS,	SP, SE XP, FR				PS
		18-36	Rd C	w ABK/SBK S,	P, SE XP, FI-FR				.25
		36-54	Rd C	w ABK/SBK S,	P, SE XP, FI-FR				
				w/Yel/Brw Incls	—	54"	—	—	
2	5% Rep	0-10	Brw SCL	w SBK SS,	SP, SE XP, FR				PS
		10-24	RCL	w ABK/SBK, S,	P, SE XP, FI				.25
		24-39	RCL	w SBK SS,	S, SP, SE XP, FI				39"
		39-52	RC	w SBK S,	P, SE XP-FI-	52"	—	—	
				w/numerous Yel/Brn mottles	—				
3	4%	0-10	Brw SCL	w SBK SS,	SP, SE XP, FR				PS
		10-34	RCm-	w SBK SS, SP	SE XP, FR				.3
		34-56	RCL	w SBK SS,	SP, SE XP, FR				
				w/few SAP Incls	—	56"	—	—	
4	4%	0-10	Brw SCL	w SBK SS,	SP, SE XP, FR				PS
		10-42	RCm-	w SBK SS,	SP, SE XP, FR				.3
		42-56	RCL	w SBK SS,	SP, SE XP, FR				
				w/few SAP Incls	—	56"	—	—	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	50% Red
Site LTAR	.3	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: M. Dotson
OTHER(S) PRESENT: Ron Smith

COMMENTS:

LEGEND

use the following standard abbreviations

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

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

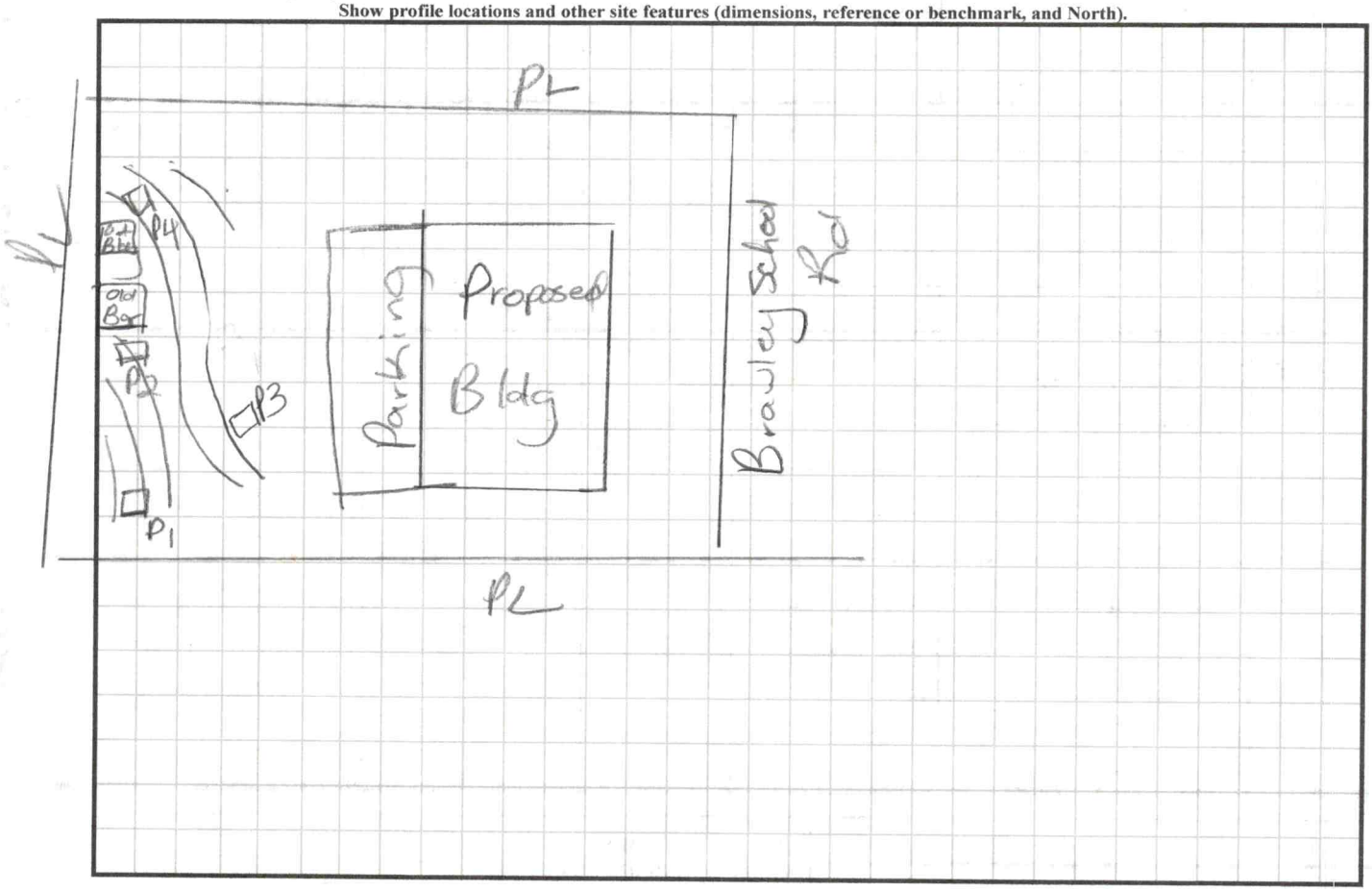
NOTES

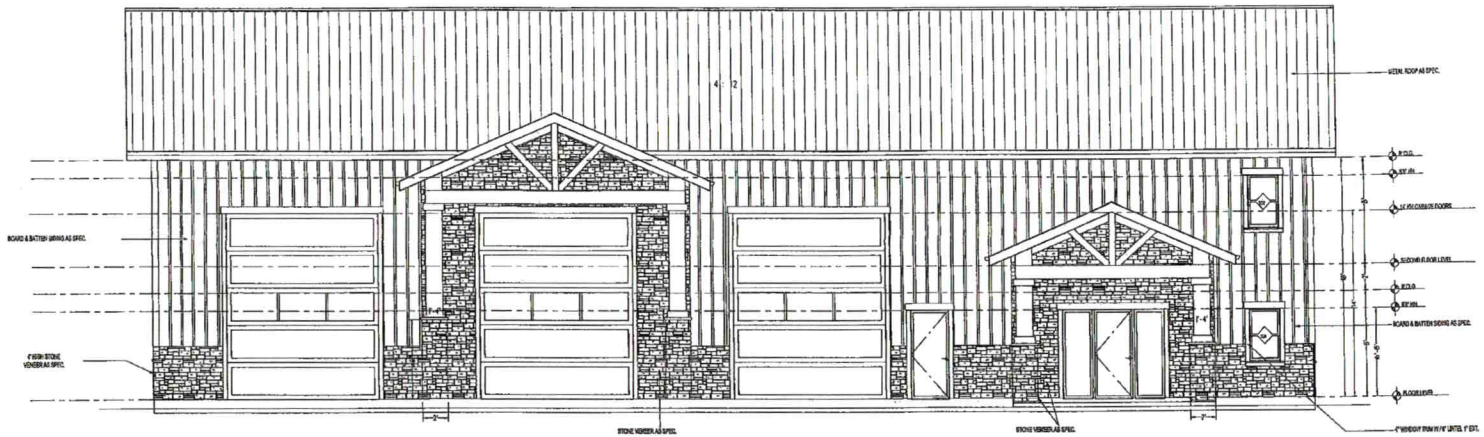
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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

Evaluation of saprolite shall be by pits.

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

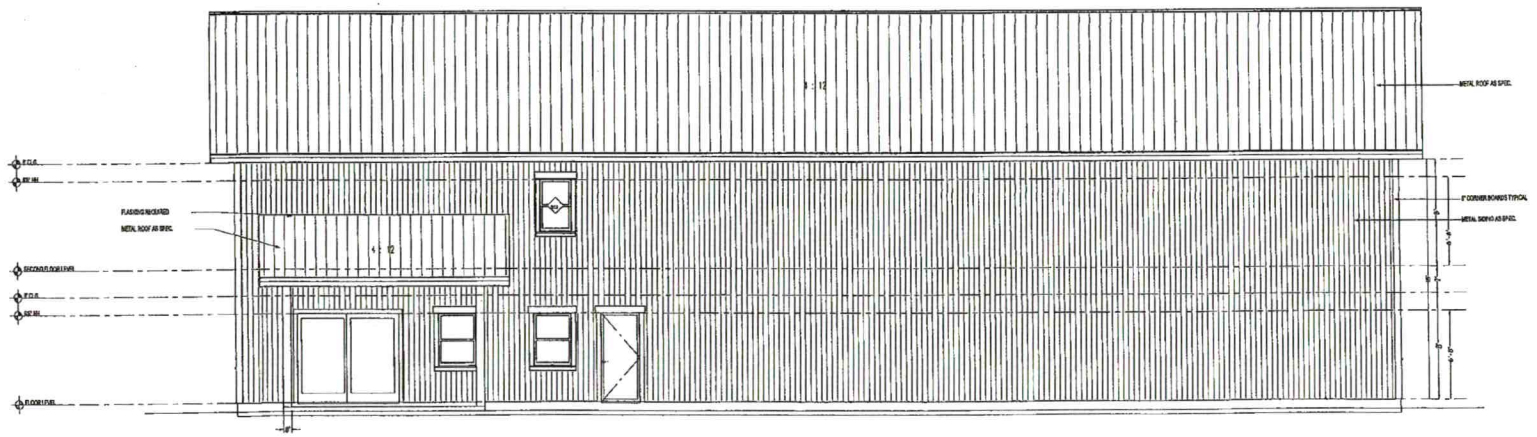
Show profile locations and other site features (dimensions, reference or benchmark, and North).





FRONT ELEVATION

1/4" = 1' - 0"



REAR ELEVATION

1/4" = 1' - 0"

PROJECT: LOT # 2 Retreats
12579 Brawley School Rd
Mooresville N.C.

OWNER: RON SMITH R.L.SMITH, INC.

DATE: 08-04-20

SCALE: AS NOTED

DRAWN: LMC

CHECKED: BDJ

DRAWING: FRONT & REAR ELEVATIONS

DRAWING NO: 1 OF 5

RECEIVED APR 20 2021

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

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-316743 $500.00

Application For: (X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) 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: Bonnie L Smith Address: 441 E Monbo Rd Statesville NC Zip: 28677
Applicant Email: rsmith4679@aol.com Phone: 704 363-8888 Alt. Phone: 704-663 7223
Owner Name: MFR LLC Address: SAME AS ABOVE Zip: _____
Owner Email: Regan28@me.com Phone: 704-363-2894 Alt. Phone: _____

Property Information:

Street Address: 1259 Brawley School Rd Mooresville N.C. 28117
Subdivision Name: The Retreats Section/Phase: 1 Lot Number: 2
Driving Directions: Brawley School Rd to intersection of I3L, of Pines 400' East of intersection

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

(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: 2
Maximum Number of Occupants: 4
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
( ) Crawl Space Foundation
(X) 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: _____

(X) 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 (X) Modified Conventional ( ) Other: _____

Please answer the following to the best of your ability:
( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

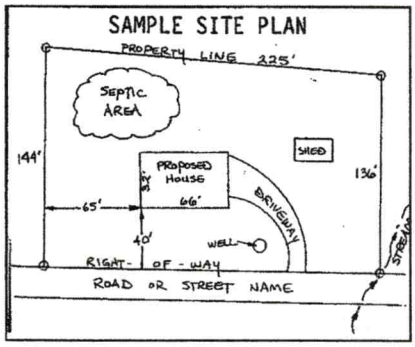
I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible 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: _____ 4-5-21
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:

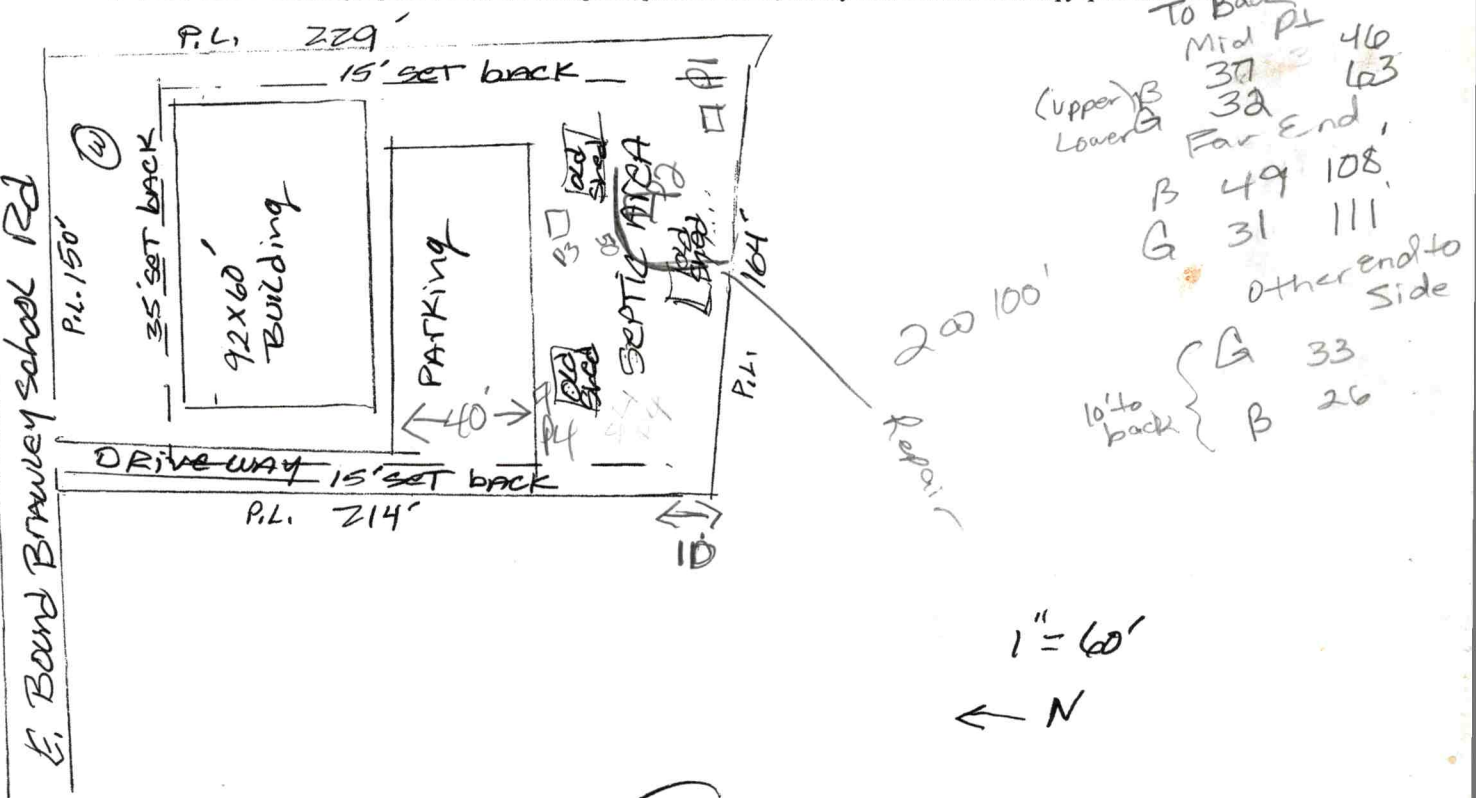
- X **Property Line measurements are clearly identified**
- X **All proposed structures are indicated**
- X **Front and side setbacks from property line**
- X **Preferred driveway location**
- X **Preferred well location**
- X **Preferred septic system location**
- X **North arrow, or other sufficient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

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

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



Signature: _____ **4-5-21**

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

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

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*) _____

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, Regan Smith, am the legal owner(s) of the property located at 1259 Brawley School Rd Mooresville identified as PIN (Parcel Identification Number) 4636-15-9821, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Ronnie Smith, _____, 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.

_____ 4-5-21
Signature of Owner(s) Date

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY · NC

IREDELL COUNTY

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

APPLICATION NUMBER
316743 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4636159821.000	1259 BRAWLEY SCHOOL RD	Iredell County

Owner Information	Applicant Information
Name: MFR PROPERTIES LLC	Name: REGAN SMITH
Address:	Address: 441 E MONBO RD
,	STATESVILLE, NC 28166
Phone:	Phone: (704)663-7223

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.78	35	35	15	15	WSIV-CA Catawba/Lake Norman	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: 04/14/2021

Signature of Owner/Contractor

Permit Number	316743	TOTAL FEES:	$77.25