IREDELL COUNTY HEALTH DEPARTMENT KW

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

4:00 235154

PERMIT # 235154

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

PIN # 4656661871

APPLICANT/OWNER: Bryan Miller/Capote B&B APPLICANT ADDRESS: 19524 Feriba Pl Cornelius, NC 28031

SITE ADDRESS: 136 Huntington Ln Mooresville NC PHONE: 704 449-4323 ALT. PHONE

SITE DIRECTIONS: Hwy 21 S TR Huntington Ln 2nd lot on right

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Huntington Woods SECTION: — LOT # 19 LOT AREA:

DESIGN FLOW: 360gpd L.T.A.R.: .25

Septic Tank 1000 (gal) STB Infiltrator Date

Pump Tank 1000 (gal) PT Infiltrator Date

Pump Make Goulds Model WE05511H Serial #

Nitrification Fields 1 # Lines 60 Linear Ft 240'

Trench Width 24" Trench Bottom Depth(Low side) 32" Gravel Depth N/A

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

System Description: Pump - PPBPS

Repair System Description: Exempt (Lot recorded 1976)

Maintenance Agreement Required: ☐ YES ☒ NO

☐ GRAVITY ☒ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☐ Slab ☐ Crawl Space

☒ Basement w/ plumbing ☐ Basement w/o plumbing

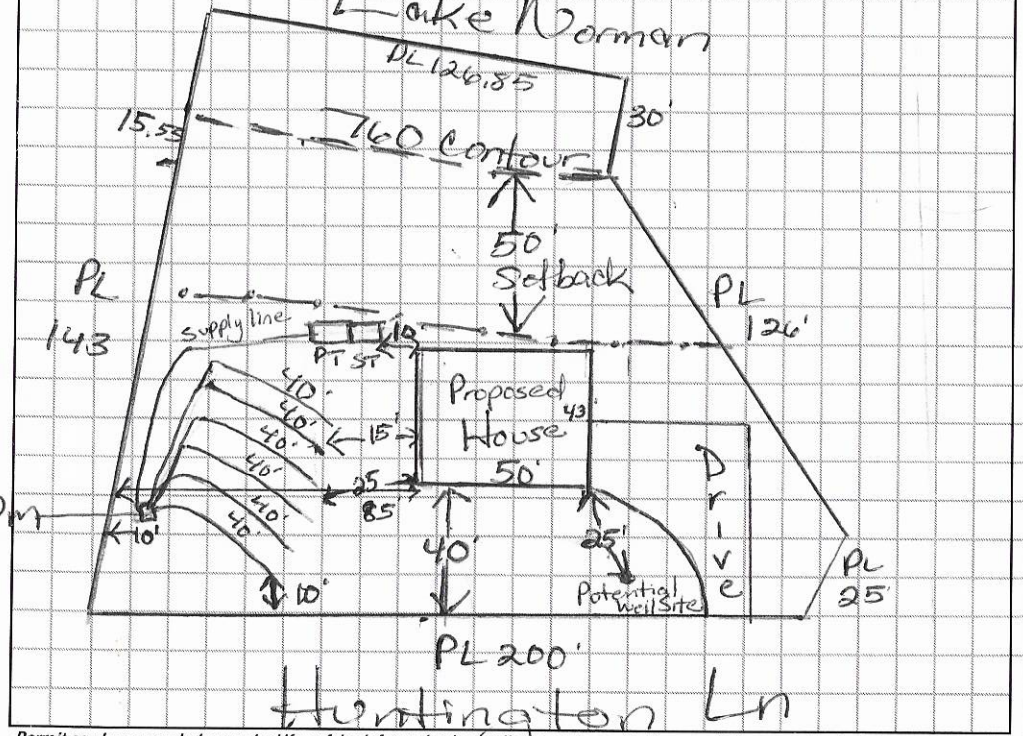
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Note: 15ft side gradient setback between house & drainfield, 25ft Upgradient setback to house from drainfield.

A Lot recorded 1976, exempt from repair
Use Sch 80 1/2" taps for Pressure Manifold (PM)
Divert Stormwater/Surface water away from Septic.

INITIAL SITE SKETCH

House can not exceed 3 Bedrooms Scale 1:60



AS-BUILT SKETCH

Must have setbacks Surveyed in for Septic Installation.

52ft from 760 to tanks

12/12/19 Check tanks & upper 5 lines installed as drawn

Goulds WE05511H

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: 5/22/18

IMPROVEMENT PERMIT by: Maria Dotson Date: 5/21/18

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 11/8/18

Installed by: Craig Thompson

OPERATION PERMIT by: Maria Dotson Date: 9/29/2020

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.

Upper 5	Date	Initials
Drain Lines Checked	12/12/19	MD
Tanks Checked	12/12/19	MD
Pressure Manifold or Valve Box Checked Sch80	4/29/20	MD
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Y / N		

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4656061871
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bryan Miller
ADDRESS: 19524 Feriby Cornelius NC
PROPOSED FACILITY: House
LOCATION OF SITE: 136 Huntington Ln Mville
APPLICATION DATE: 4/23/18
DATE EVALUATED: 5/10/18
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE:
PROPERTY RECORDED: Y
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other Huntington Woods # 9
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
1	6%	0-5"	SCL	WSBK SS, SP, SExp, FR					PS .25
		5-50"	RC	m-w SBK SS, SP, SExp, Fi-FR Common Mica					
2	5%	0-9"	Brw SCL	WSBK SS, SP, SExp, FR					PS .25
		9-29"	RC	m-w SS, SP, SExp, FI-FR					
		29-52"	RC	LWSBK SS, SP, SExp, FI-FR Some Yel/Brw mottles Common Mica				>29"	
3	10%	0-6"	Brw	SCL SS, SP, SExp, FR					PS .3
		6-23	RC	m-w SBK SS, SP, SExp, FR					
		23-50	RC	LW SBK SS, SP, SExp, FR					
4	12%	0-7	Brw	SCL SS, SP, SExp, FR					PS .3
		7-21	RC	m-w SBK SS, SP, SExp, FR					
		21-52"	RC	LW SBK SS, SP, SExp, FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Exempt
System Type(s)	PPBPS	Exempt
Site LTAR	.25.3	

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Bryan Miller

COMMENTS:

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4656061871
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bryan Miller
ADDRESS: 19524 Feriba Cornelius NC
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 136 Huntington Ln Mooresville NC

APPLICATION DATE 4/23/18
DATE EVALUATED: 5/10/18
PROPERTY SIZE:
PROPERTY RECORDED:

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		0-36"	Unsuitable		Fill				U
5									
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Exempt
System Type(s)	PP BPS	Exempt
Site LTAR	.25-.3	

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Bryan Miller

COMMENTS:

LEGEND

use the following standard abbreviations

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

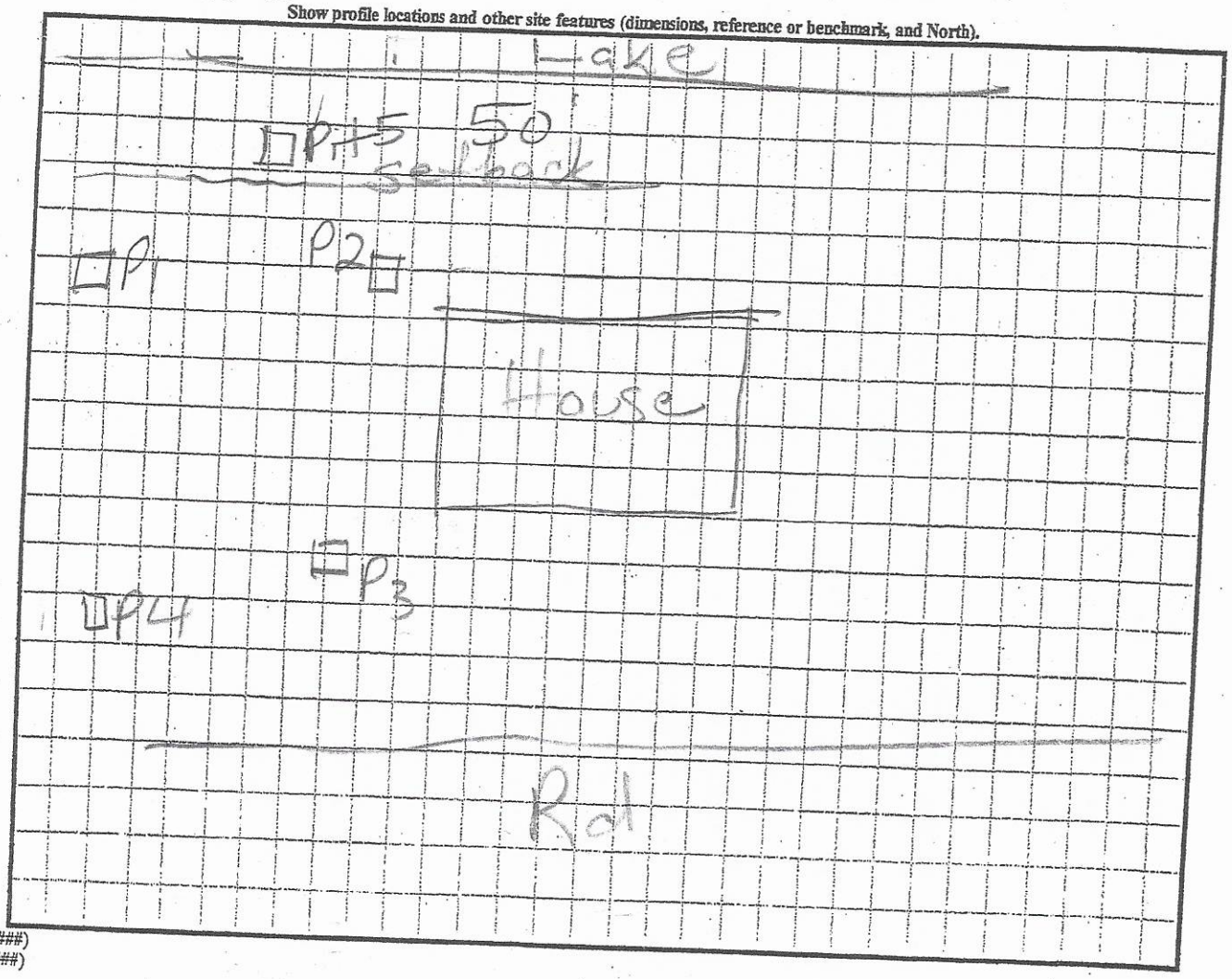
*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

NOTES

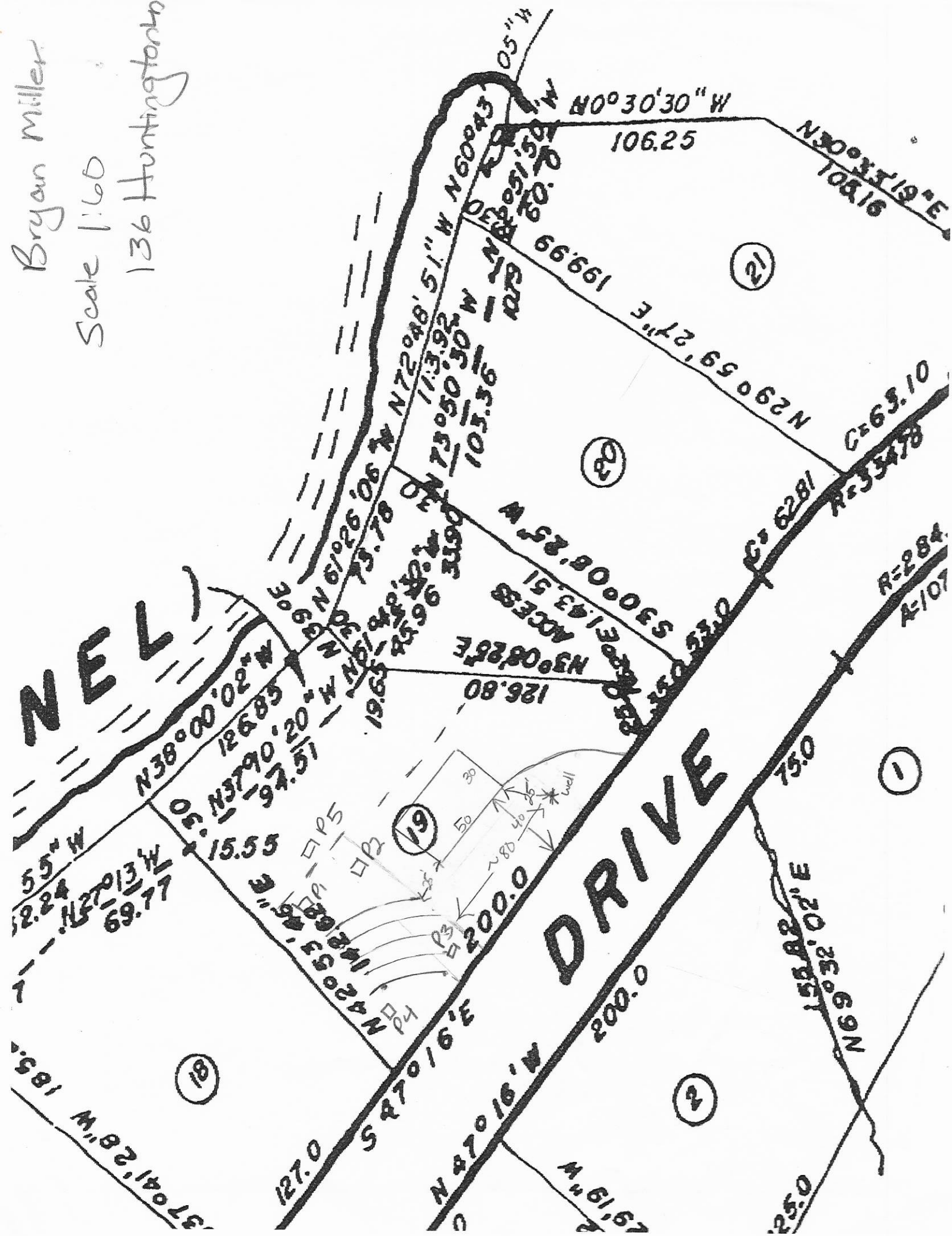
HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable)
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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).



IR (######)
iew (#####)


Bryan Miller
Scale 1:60
136 Huntingdon
DRIVE
N0°30'30"W
106.25
N30°33'19"E
106.16
N29°59'27"E
199.66
C=63.10
R=334.78
N72°48'51"W
113.92
N60°43'05"W
N13°50'30"W
105.36
N61°26'06"W
73.78
N38°00'02"W
126.85
N37°10'20"W
94.51
N61°48'30"W
45.96
N39°08'28"E
126.80
S30°08'28"W
143.51
N42°05'53"E
200.0
S47°16'E
200.0
N47°16'W
127.0
N69°32'02"E
75.0
R=284
A=107
(1)
(2)
(18)
(19)
(20)
(21)
P1
P2
P3
P4
P5
well

Thurs 2pm Pits RECEIVED APR 26 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $500.00 # 235154

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 Paid $700.00 5-22-18

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: Bryan C. Miller Address: 19524 Feriba Pl Cornelius, NC Zip: 28031

Applicant Email: trustinhim2008@aol.com Phone: 704-449-4327 Alt. Phone: _____

Owner Name: Kathy B. Ballard Address: 137 HUNTINGTON LN. Mooresville Zip: 28117

Owner Email: KATHYBWILKES3@gmail.com Phone: 704-677-3433 Alt. Phone: 704-663-5861

Property Information:

Street Address: 136 Huntington Lane, Mooresville, NC 28117

Subdivision Name: Huntington Woods Section/Phase: ____ Lot Number: 19

Driving Directions: South on 21. Right on Huntington. Lot on Right with for sale sign

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: 3
Maximum Number of Occupants: 6
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
( ) 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: _____

(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 (X) Conventional ( ) Innovative ( ) 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: Kathy B. Ballard 4-23-18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Bryan C Miller - owner
10-23-18

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, Kathy B. Ballard, am the legal owner(s) of the property located at 136 Huntington Lane, Mooresville, NC, identified as PIN (Parcel Identification Number) 4656-06-1871, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Bryan C. Miller, Buyer, 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.

Kathy B. Ballard 4-23-18 — Signature of Owner(s) — Date

RE Campbell 4/23/18 — 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

Bryan C Miller - owner

10-23-18

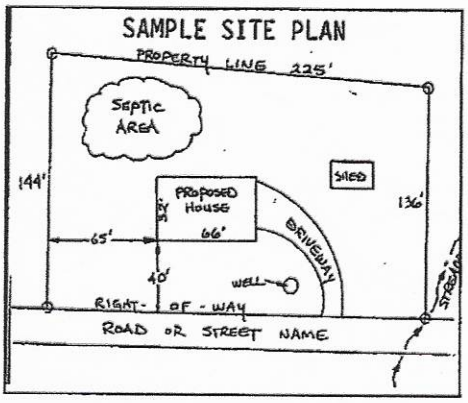
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

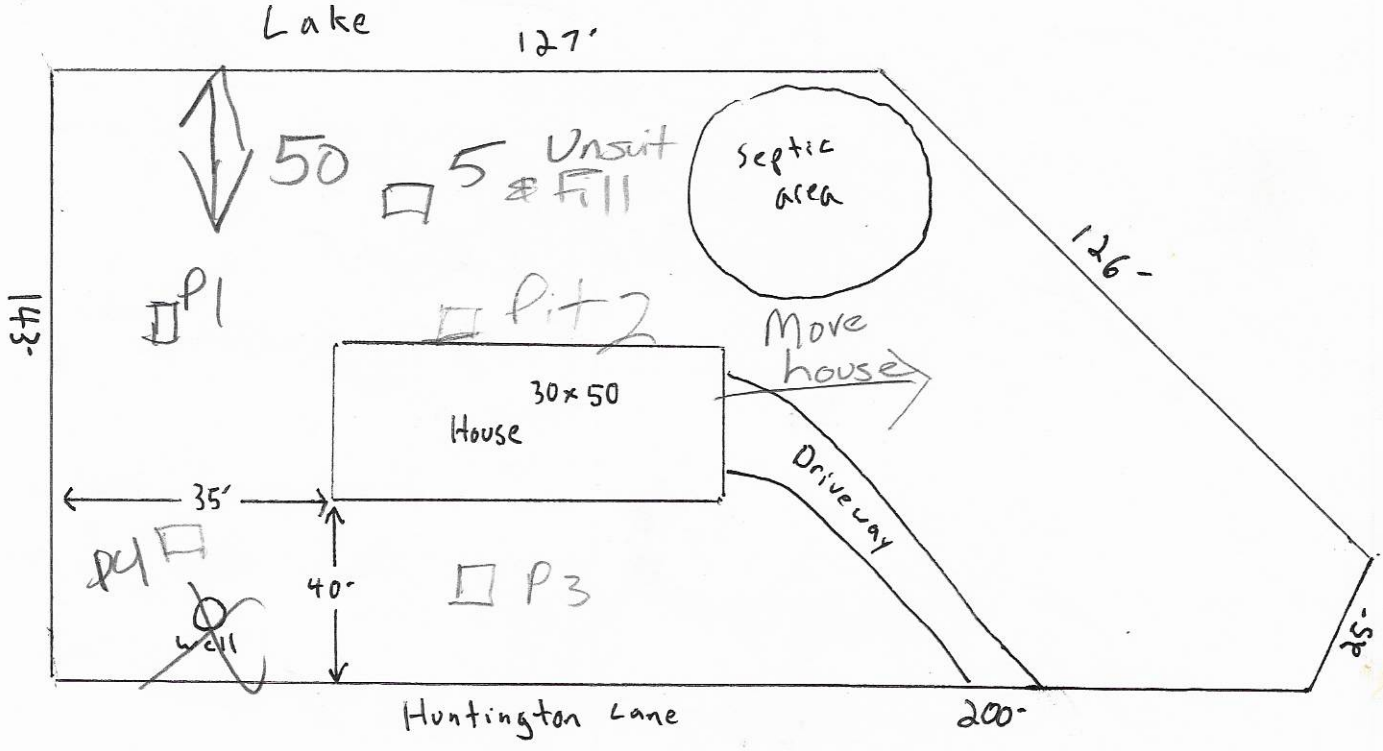


Circle N/A on the following if appropriate:

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



Signature: _____

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

4-24-18

DATE

W 10' to Front PL
58' from PP
27' from PP
30' from Front

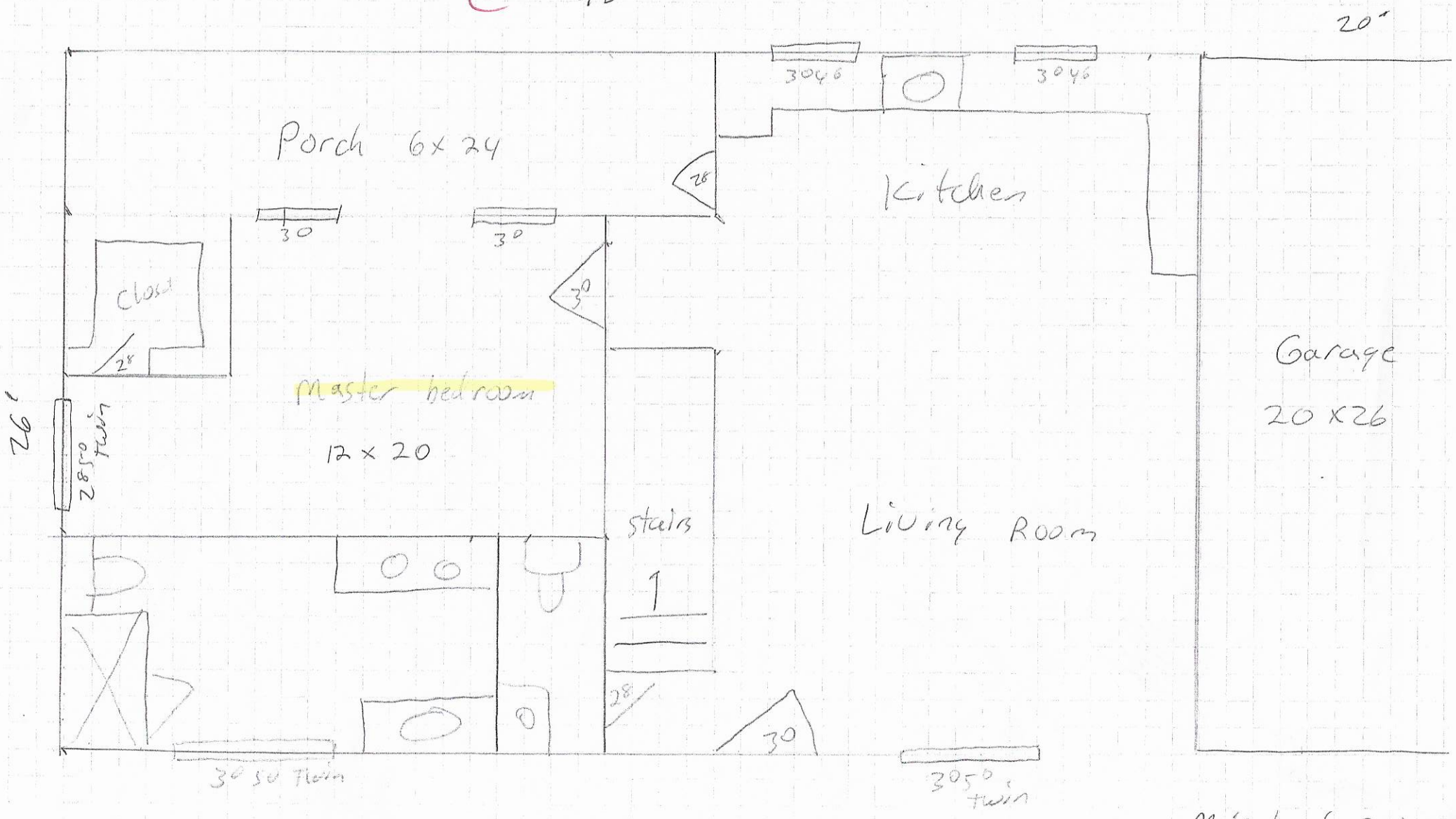
E-MAILED
3 pgs. to Maria D.
10-29-18

Tony Capote => Date 10/29/18.

Maria Olson Date 11/8/18

Acknowledgement Of
Plans Submittal ONLY!

@ 42'

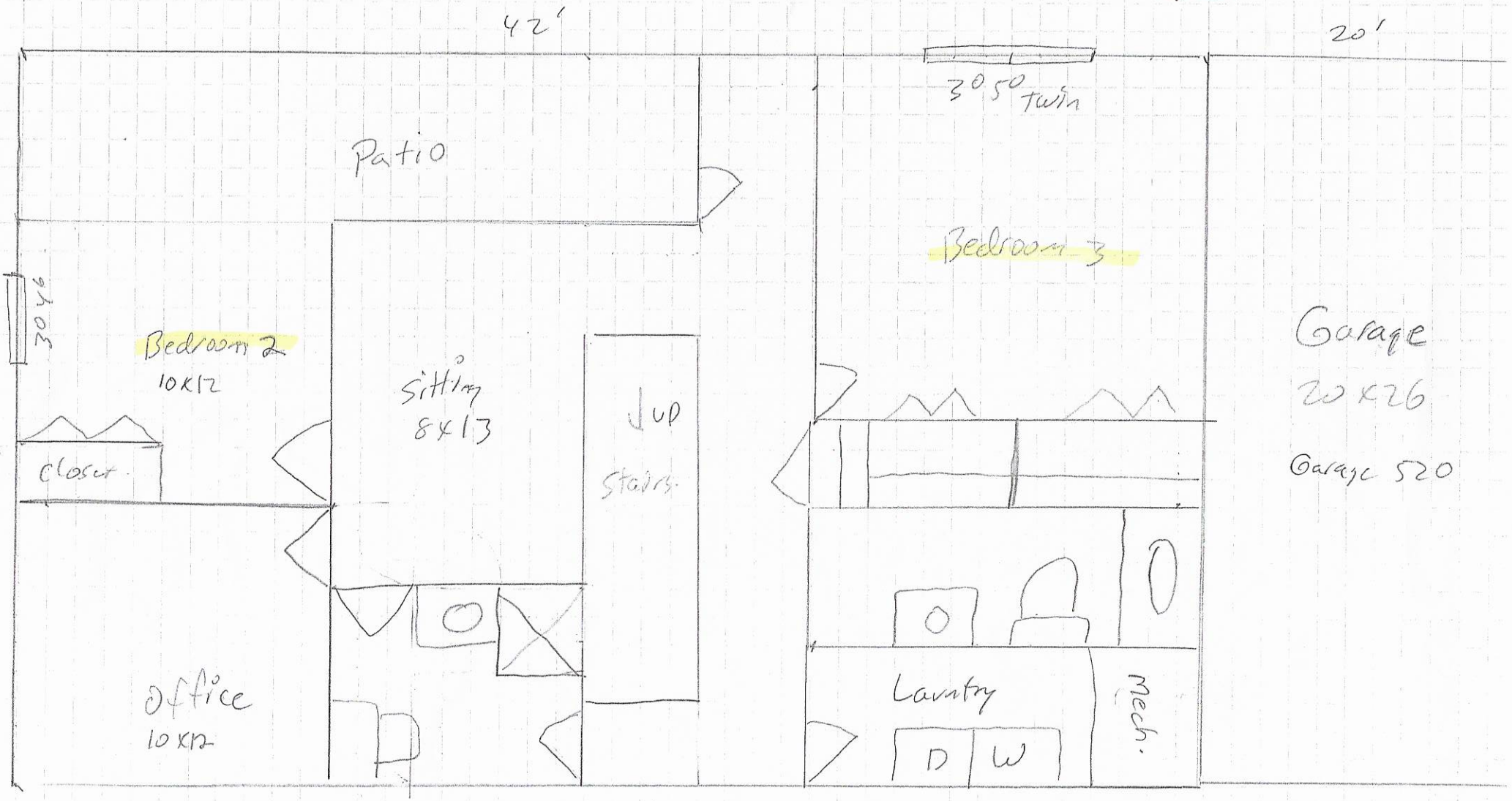


E-MAILED

Acknowledgement Of
Plans Submittal ONLY!

Tony Capote → Date 10/29/18

Maria Date 11/8/18



Lower level - 924 heated

Town of Mooresville Jurisdiction

ZONING APPROVAL

For building permit applications

Development Services 413 North Main St. Mooresville, NC 28115 Phone 704-662-7040

Number: 235154 Subdivision: HUNTINGTON WOODS

Proposed Use: SINGLE FAMILY HOME - SEPTIC ONLY

Location: 136 HUNTINGTON LANE

Tax PIN: 4656061871.000 Zoning: Single-Family Residential-2 Lot: 19 Size: 0.000

Owner/Applicant: BALLARD KATHY B
Address: 137 HUNTINGTON LN
MOORESVILLE, NC 28117

I certify that all statements made in this application and any attached documents are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that false information may be grounds for rejection of this application. Authorized Health Department and Inspection Department Representatives are granted right of entry to make evaluations or inspections and to release information upon public request.

Signature of Owner or Authorized Agent

4/25/2018
Date

If permitted, the following minimum zoning requirements must be met, unless Health Department requires more land area or other qualifications are indicated in the remarks.

Lot Area: Front Yard Depth: 30.00 Side Yard Depth: 15.00
Rear Yard Depth: 40.00 Corner Yard Depth:

Remarks: APPROVAL FOR SEPTIC SYSTEM
MUST OBTAIN ALL IREDELL COUNTY PERMITS AND INSPECTIONS
NOT FOR HOME CONSTRUCTION

GM	04/25/2018	$50.00
Approved By:	Date	Application Fee