IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT # 24525|

PIN # 3783555810

APPLICANT/OWNER: Kimberly Pace

APPLICANT ADDRESS: 1825 Sossaman Springs

SITE ADDRESS: 383 Lookout Dam Rd Statesville 28625

PHONE: 704-619-2011 ALT. PHONE 704-792-4258

SITE DIRECTIONS: Sharon School Rd → L on Walnut Tree → R on Lookout Dam → on R

SUBDIVISION: River Rock Farms

SECTION: — LOT # 12 LOT AREA: 10.321 ac

SAP CONTROLLED: ☐ YES ☒ NO

DESIGN FLOW: 100gpd L.T.A.R.: .25

Septic Tank	1000 (gal)	STB 760	Date 11-11-2019	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT	Date	System Description:	25% reduction
Pump Make		Model	Serial #	Repair System Description:	25% red - HC dep
# Nitrification Fields	1	# Lines 1	Linear Ft 120'	Maintenance Agreement Required:	☐ YES ☒ NO
Trench Width	36"	Trench Bottom Depth(Low side)	26" / 30" high	Gravel Depth —	☒ GRAVITY ☐ PRESSURE

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

No. Bedrooms accessory building

No. Persons building

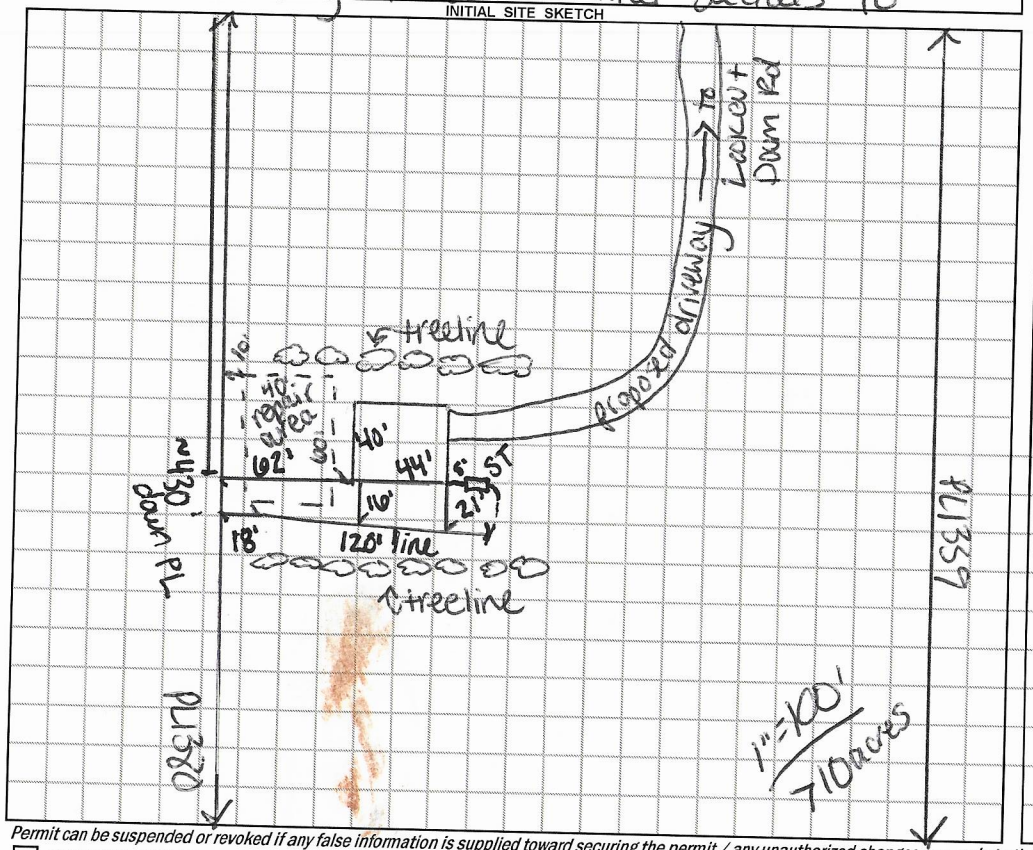
No. Employees w/ 1 bath room

☐ Crawl Space ☐ Basement w/o plumbing

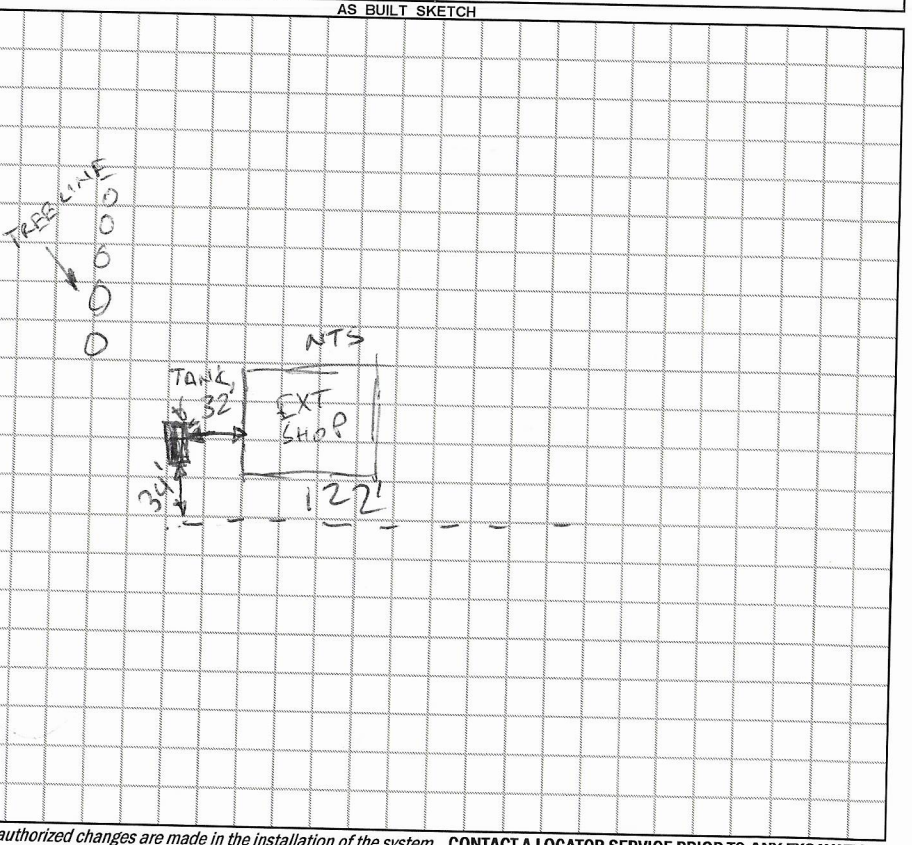
Water Supply
☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour. Tank must be 5' away from slab fandation. Keep tank on right side of building in case owner decides to expand system for a house.

INITIAL SITE SKETCH



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: Kim Pace Date: 6/10/19

IMPROVEMENT PERMIT by: Carla C. Cave Date: 10-7-19

AUTHORIZATION TO CONSTRUCT by: Carla C. Cave Date: 10-7-19

Installed by: PIEDMONT EXCAVATION

OPERATION PERMIT by: Benjamin C. White Date: 12-20-19

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.

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

Sheet 1 of 1
PROPERTY ID #: 37 03555810
COUNTY: Iredell

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

OWNER: Kimberly Paul
ADDRESS: 1825 Sossaman Springs
PROPOSED FACILITY: Shop w/ bath
LOCATION OF SITE: 383 Lakeview Dam Rd
APPLICATION DATE 5/31/19
DATE EVALUATED: 6/6/19
PROPOSED DESIGN FLOW (.1949): 100gpd
PROPERTY SIZE: >76ac
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1 R	L 10%	0-9	GR SCL	VFr SSSP SMP	few sap inc. coming in @42" stay above	68"	—	—	PS .3
		9-40	SBK C	Fr " "					
		40-68	SBK CL	Fr/Fi " "					
2 R	L 10%	0-8	GR SCL	VFr SS SP SMP	few yps @31" chr 2 @55"	64"	—	—	PS .25
		8-38	SBK C	Fr " "					
		38-64	SBK CL	Fr/Fi " "					
3 R	L 10%	0-7	GR SL	VFr SS SP SMP	20-43 common ylbs (chr 34)	64"	—	—	PS .25
		7-40	ABK C	Fr " "					
		40-64	SBK CL	Fr/Fi " "					
4 R	L 10%	0-12	GR SL	VFr SS SP SMP	chr 2 @ 33" some yps 32-48	65"	—	—	PS .25 (shallow)
		12-36	ABK C	Fr " "					
		36-65	SBK CL	Fr/Fi " "					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	120'	120'
System Type(s)	75%	75% deep
Site LTAR	.25	.25

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: C. Cave
OTHER(S) PRESENT: N/A

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	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		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

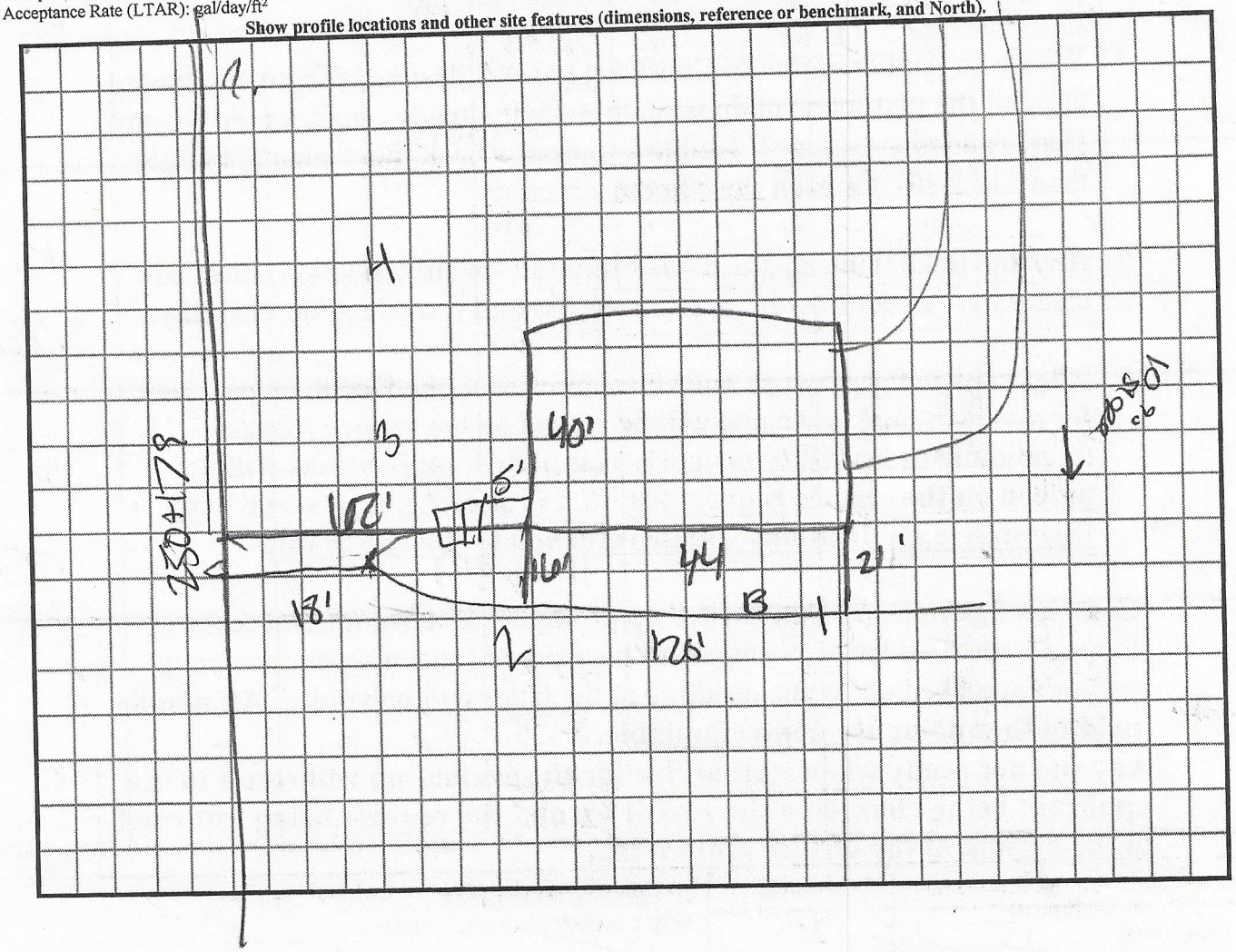
NOTES

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/ft²

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



RECEIVED MAY 3 1 2019

Paid $500.00

245251

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

PAGE 1: *APPLICATION FORM*

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) Pgar 704 792 4258

Applicant Name: Kimberly Pace Address: 383 Lookout Dam Rd Zip: 28625
Applicant Email: Kim.Crews.Pace@gmail.com Phone: 704-619-2011 Alt. Phone: 704-792-4258
Owner Name: Kimberly Pace Address: 1825 Sossoman Springs Zip: 28107
Owner Email: Kim.Crews.Pace@gmail.com Phone: 704-619-2011 Alt. Phone: _____

Property Information:

Street Address: 383 Lookout Dam Rd., Statesville, NC 28625
Subdivision Name: River Rock Section/Phase: _____ Lot Number: 12
Driving Directions: from Sharon School, turn right on Lookout Dam. Go past 399 Lookout Dam, lot is next on right.

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

( ) 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: 0
Maximum Number of Occupants: 0
( ) Swimming Pool
(✓) Other Addition/Structure: Farm Bldg
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

CHECK FOUNDATION TYPE
( ) Crawl Space Foundation
(✓) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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: _____
( ) 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: Kim Pace 5/31/19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

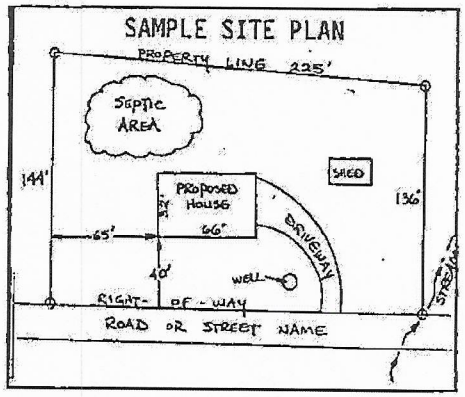
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

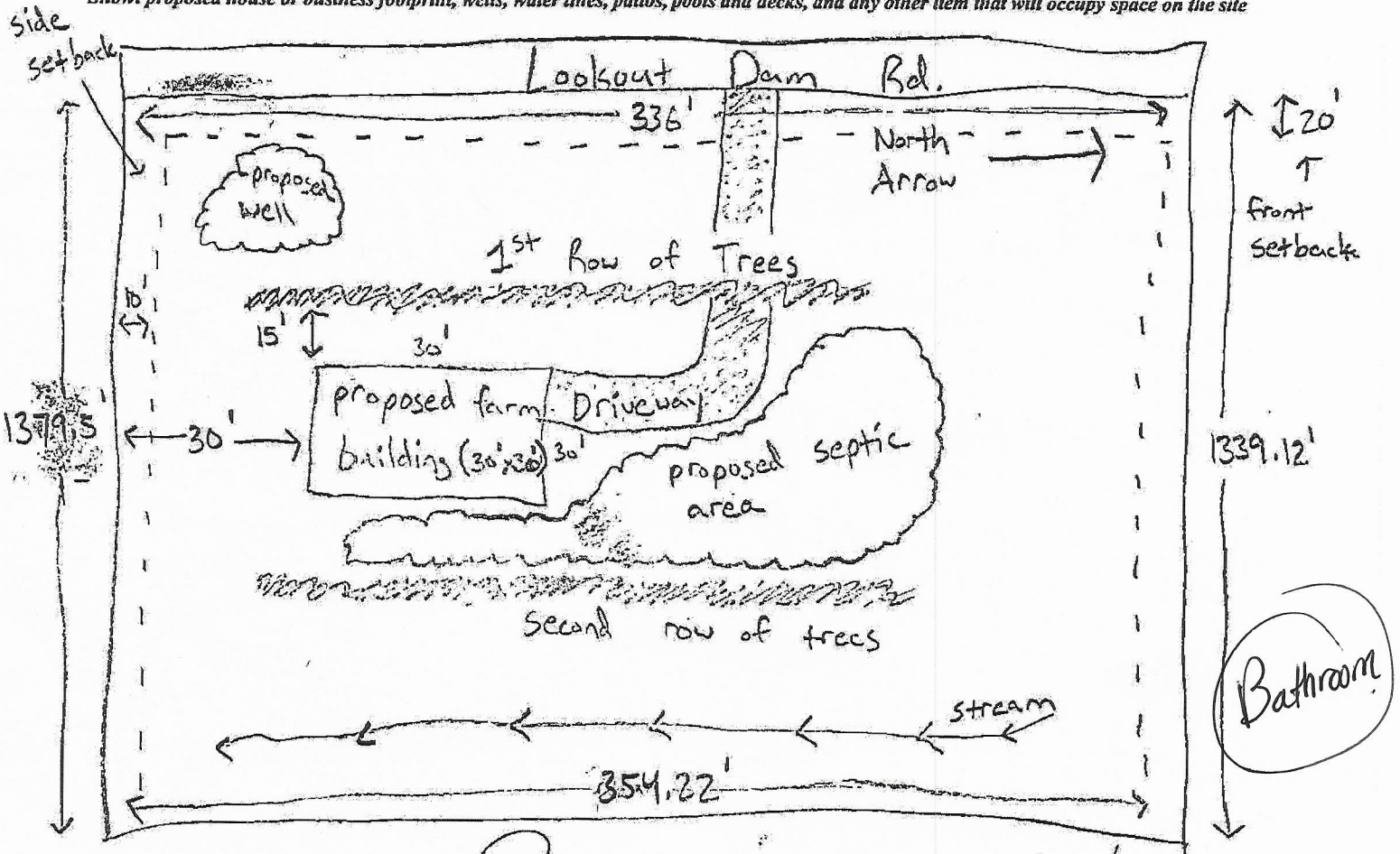


Circle N/A on the following if appropriate:

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



Signature: Kim Pace — 5/31/19

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

(Check and sign only ONE of the options below)

1. *** APPLICANT AND OWNER ARE THE SAME. *** *(Sign here)* Kim Pace

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, Kim Pace, am the legal owner(s) of the property located at 383 Lookout Dam Rd, Statesville, NC 28107, identified as

PIN (Parcel Identification Number)_____, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** ~~Iredell County~~ _____, 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.

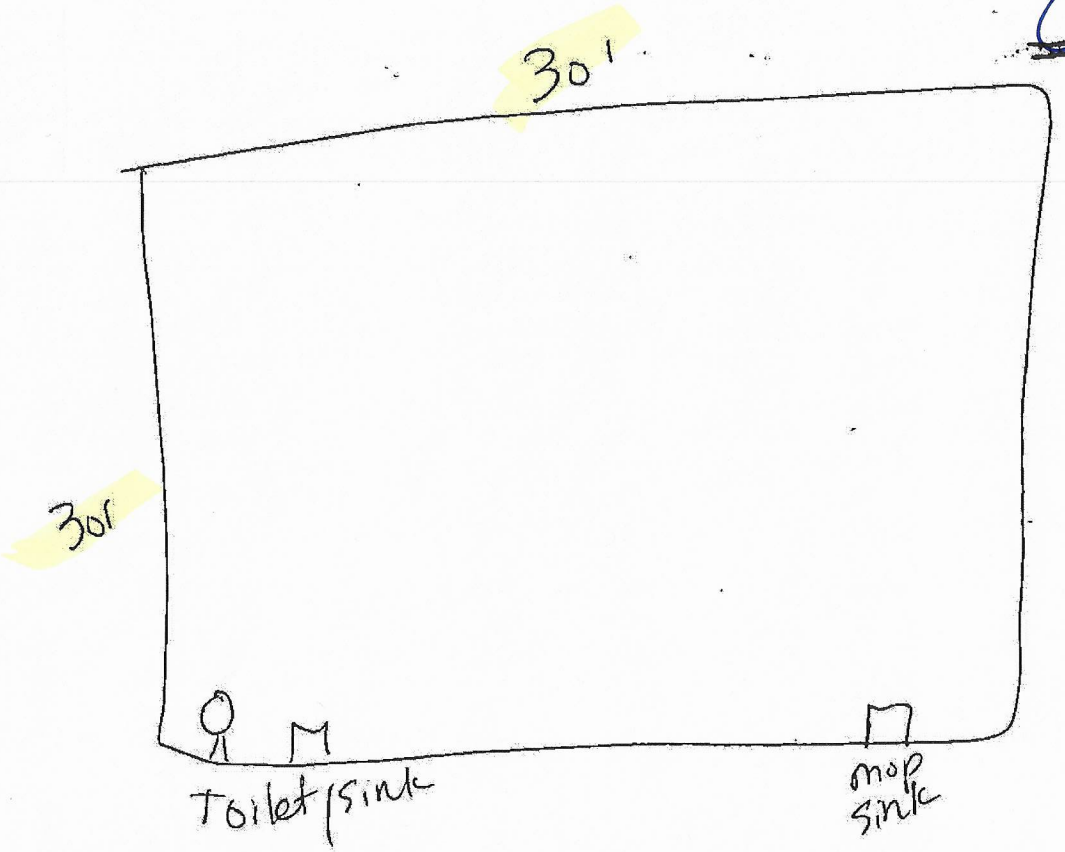
Kim Pace — Signature of Owner(s)

5/31/19 — Date

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

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

Acknowledgement Of
Plans Submittal ONLY!
Kim Pan Date 5/31/19
Carl C Cau Date 6-7-19



IREDELL COUNTY

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

APPLICATION NUMBER
245251
Issue Date: 05/31/2019

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
3783555810.000	383 LOOKOUT DAM ROAD, STATESVILLE, NC 28625	IREDELL COUNTY

Owner Information	Applicant Information
Owner: PACE JEFFREY A+KIMBERLY S	Applicant: PACE JEFFREY A+KIMBERL
Address: 1825 SOSSOMAN SPRINGS ROAD	Address: 1825 SOSSOMAN SPRINGS ROAD
STATESVILLE, NC 28107	STATESVILLE, NC 28107
Phone:	Phone:

Use Requested	Zone Code
30X30 FARM BUILDING WITH BATH FARM BLDG ALLOWED UNDER SECTION 14 PER W. ALLISON 5-31-19	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
10.321	35.00	35.00	15.00	15.00	PACL	X

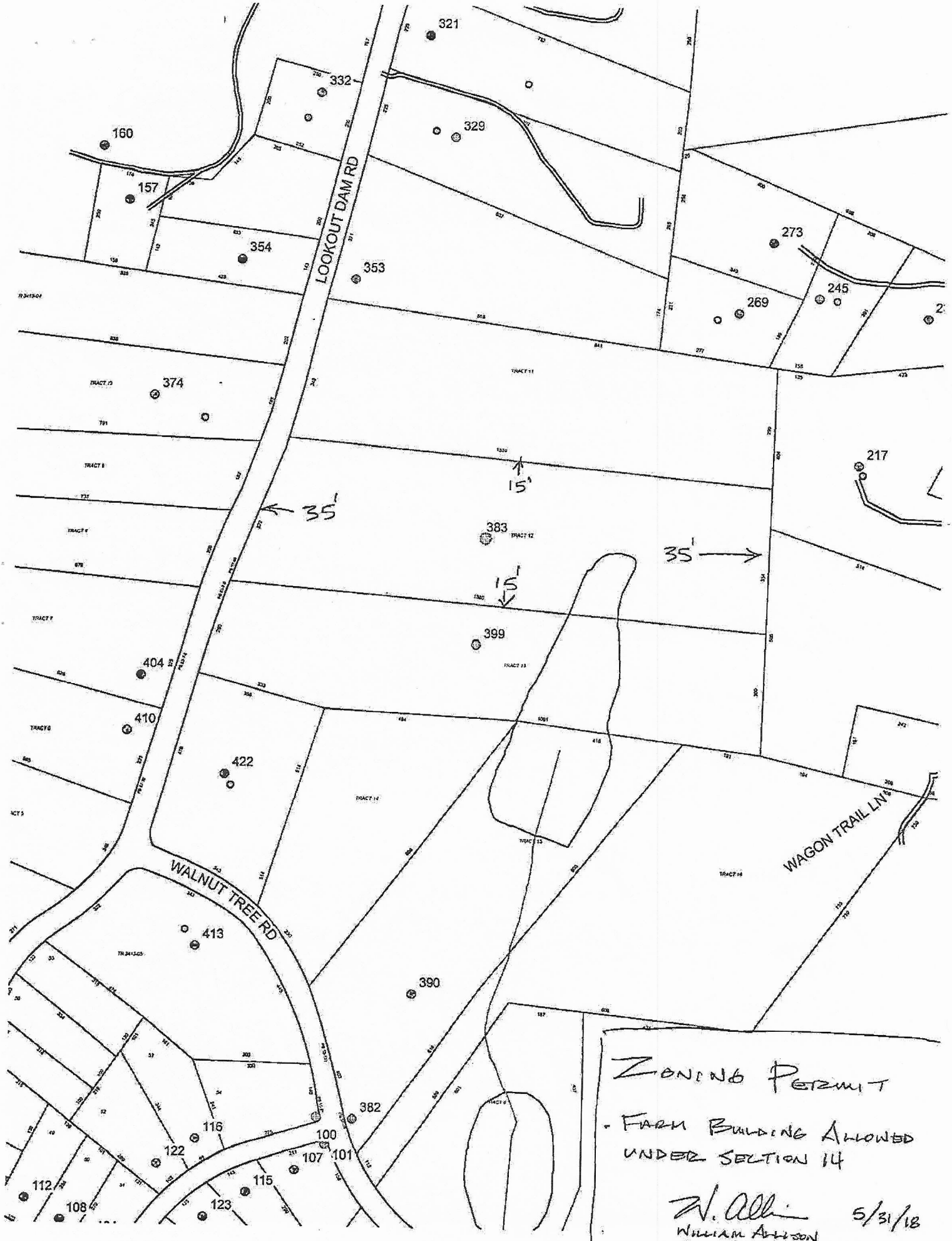
Remarks:

FARM BUILDING ALLOWED UNDER SECTION 14 PER WILLIAM ALLISON 5-31-19

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	179402	TOTAL FEES:	$ 77.25


LOOKOUT DAM RD
WALNUT TREE RD
WAGON TRAIL LN
321
332
160
329
157
354
353
273
245
269
374
217
15'
35'
383
35'
15'
399
404
410
422
413
390
382
116
100
122
107
101
112
115
108
123
ZONING PERMIT
- FARM BUILDING ALLOWED UNDER SECTION 14
5/31/18
WILLIAM ALLISON