IREDELL COUNTY HEALTH DEPARTMENT

KW Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | AP PERMIT # 304372

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

PIN # 4665968737

APPLICANT/OWNER: Andrew Mashburn | APPLICANT ADDRESS: 8253 John Conner Rd Cornelius, NC

SITE ADDRESS: 388 Rocky River Rd Mooresville, NC | PHONE: 704 576-4907 | ALT. PHONE

SITE DIRECTIONS: Shearers Rd South TL Rocky River Rd ~ 1 mile on right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: | SECTION: — | LOT # — | LOT AREA: 17.372Ac | DESIGN FLOW: 1000gpd | L.T.A.R.: .25

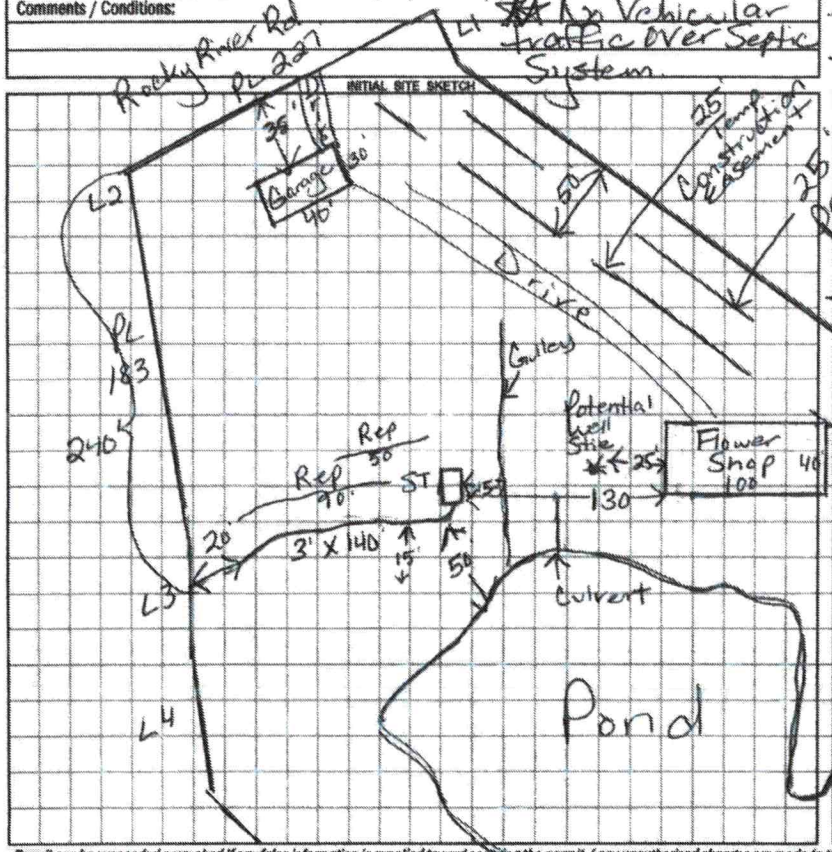
Septic Tank: main 1000 (gal)	STB 338	Date 2-28-20	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☐ Residence	No. Bedrooms		Water Supply: ☒ Private
Pump Tank (gal)	PT	Date	System Description: Gravity – 25% Reduction		☒ Business (Flower Shop)	No. Persons	4	☐ Public
Pump Make	Model	Serial #	Repair System Description: Same		☐ Other Farm	No. Employees		☐ Community
# Nitrification Fields 1	# Lines 1	Linear Ft 140	Maintenance Agreement Required:	☐ YES ☑ NO	☒ Slab	☐ Crawl Space		
Trench Width 36"	Trench Bottom Depth (Low side) 24" / 18" Rock		Gravel Depth	☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions:

* No Vehicular traffic over Septic System.

* Property Owner would like to install 500gall. ST. "Flower Shop" is not open to public
* Must keep Septic Minimum 50ft from well

INITIAL SITE SKETCH



AS BUILT SKETCH

Scale 1:100 @ 50ft From full pond.

Stay 15ft from Cut by Drainfield.

**Note: A sewage ejector/ grinder pump shall not discharge directly into a septic tank Must use 4" pipe for last 10ft prior to connection into Septic tank.

*first part of line installed @ 36" depth, soil notes allow this part only to be that deep

- tank 110' from well

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: | Installed by: FJ Ervin

IMPROVEMENT PERMIT by: Maria L Dolan | Date: 2/20/2020 | OPERATION PERMIT by: Carla C. Nicks | Date: 5-7-20

AUTHORIZATION TO CONSTRUCT by: Maria L Dolan | Date: 2/20/2020 | 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 inspector to confirm your inspection time.

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4615968737
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Andrew Mashburn
ADDRESS: 18253 John Conner Rd Cornelius NC 28031
APPLICATION DATE 1/23/2020
DATE EVALUATED: 2/10/2020
PROPOSED FACILITY: Farm Building PROPOSED DESIGN FLOW (.1949): 100 gpd PROPERTY SIZE: 17.372 Ac
LOCATION OF SITE: 388 Rocky River Rd Mooresville, NC 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	6%	0-6"	Compacted SCL w						PS .25
		6"-10"	Brw SC	w/SBK SS, SP, SExP, FR					
		10"-22"	RC/CL	SS, SP, SExP, FR					
		22"-42"	R to Rd/Brw	CL w/SBK SS, SP, SExP Fi-FR w/ yel/brw				mottles	
		42"-56"	R to Rd/Brw	CL/SC w/SBK S, P, SExP, Fi-FR w/ yel/brw mottles		56"			
2	6%	0-9	Brw SCL	w SBK SS, SP, SExP, FR					PS .25 to 40" U @ 40"
		9-32	RCm-w	SBK SS, SP, SExP, FR					
		32-40"	RC/CL	w/ABK/SBK SS, SP, SExP Fi-FR w/ yel/Brw mottles					
		40-50"	R/to Yel Rd	SC S, P, SExP, Fi					
			w/ Chroma 2			40"	—	40"	
3	8% Rep.	0-11	Brw SCL	w/SBK SS, SP, SExP, FR					PS .25 U @ 48"
		11-34	R to Rd/Brwm-w	SS, SP, SExP, FR					
		34-43	R to Rd/Brw	w SBK/ABK SS, SP, SExP, Fi-FR					
		43-48	Yel C/CL	w/ABK S, P, SExP, Fi-FR		48"		48"	
		48	Yel C/SC	massive Chroma 2					
4	8% Rep	0-9	Brw SC/SCL	w/ABK SS, SP, SExP, Fi-FR					PS .25
		9-16	R to Rd/Brw	Cm-w SBK/ABK SS, SP, SExP FR					
		16-33	R C/CL	w/SBK/ABK S, P, SExP, Fi-FR					
		w/ Mang staining			—	33'	—	33'	
		33-48	Brw C/CL	w/many Yel/Brw mottles & few Chroma 2					

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

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

COMMENTS:

Pits 2/4/20 09:50

$500/$550

App -304372

1-23-2020

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*

Application For: (y) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(o) 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: (x) 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: Andrew Mashburn Address: 18253 John Connor Rd Cordis NC Zip: 28031

Applicant Email: andrew@mashburndevelopment.com Phone: 704-576-4907 Alt. Phone: _____

Owner Name: Andrew Mashburn Address: " Zip: _____

Owner Email: " Phone: " Alt. Phone: _____

Property Information:

Street Address: 388 Rocky River Rd Mooresville, NC 28115

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

Driving Directions: Turn onto Rocky River Rd off Shearer Rd. Approx 1 mile on right

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

CHECK FOUNDATION TYPE

( ) 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: _____
Maximum Number of Occupants: _____
( ) Swimming Pool
(x) Other Addition/Structure: Farm Building

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business: Flower Farm / one septic to serve 2 buildings
Square Footage of Building: 4000, 1200 Max. Number of Employees: 4 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.

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) 1/23/20 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*) _____

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; Caurt 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, _____, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number)_____, located in Iredell County, North Carolina.

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

_____ 1/23/20
Signature of Owner(s) Date

Mooresville - Environmental Health
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

89' from Bldg to Culvert pipe

1500 g ST
158' from Bldg to ST

I Craig L. Long, certify that this map was drawn under my supervision from an actual survey made under my supervision; that the error of closure as calculated by latitudes and departures is greater than 1:10,000. That the ratios and areas noted were used as references. That the boundaries not surveyed are clearly indicated as drawn from information indicated; that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my hand and seal this ____ day of June, 2008.

Craig L. Long — Surveyor L-2993

CRAIG L. LONG P.L.S.
1106 NORTH MAIN STREET
MOORESVILLE, N.C. 28117
(704) 799-2292

NORTH CAROLINA PROFESSIONAL SEAL L-2993 LAND SURVEYOR CRAIG L. LONG

NOTES:

1. NO NCGS MONUMENT FOUND WITHIN 2000'
2. PROPERTY MAY BE SUBJECT TO OTHER COVENANTS, RESTRICTIONS, EASEMENTS OR RIGHTS-OF-WAY THAT MAY BE OF RECORD.
3. ALL DISTANCES SHOWN ARE SURFACE HORIZONTAL DISTANCES.
4. IRON PINS FOUND OR SET AT ALL PROPERTY CORNERS UNLESS OTHERWISE NOTED.
5. ALL AREAS SHOWN HEREON WERE COMPUTED USING THE COORDINATE COMPUTATION METHOD.
6. PROPERTY IS SUBJECT TO THE FOLLOWING EASEMENTS AS PROVIDED BY CONRAD, ERDSON & REAVY, P.A.:
   A. 25' PERMANENT SANITARY SEWER EASEMENT AND 25' TEMPORARY CONSTRUCTION EASEMENT TO CMUD PER EXHIBIT BY CHAS SELLS, INC DATED JULY 31, 2006. (AS SHOWN)
   B. 60' ROAD R/W TO 44# CLAY FOUNDATION PER DEED BOOK 292 PAGE 424. (DOES NOT AFFECT PROPERTY)
   C. PERMANENT UTILITY EASEMENT AND TEMPORARY CONSTRUCTION EASEMENT TO TOWN OF MOORESVILLE PER DEED BOOK 1793 PAGE 2208. (FOLLOWS EXISTING LINES - LOCATION NOT REQUESTED)
   D. TELEPHONE LINE R/W TO ALLTEL CAROLINA, INC PER DEED BOOK 701 PAGE 231. (FOLLOWS EXISTING LINES - LOCATION NOT REQUESTED)

LINE TABLE

LINE	LENGTH	BEARING
L1	29.39	S21°05'23"E
L2	30.99	N10°04'18"W
L3	74.50	N10°04'18"W
L4	63.50	N11°41'24"W
L5	124.64	N39°03'30"W
L6	103.16	N63°49'27"W
L7	82.00	N53°13'54"W
L8	32.83	N41°27'21"W
L9	53.26	N28°48'03"W
L10	34.80	N15°29'30"W
L11	14.76	S03°48'42"E
L12	30.31	S71°14'51"E

GRAPHIC SCALE
(IN FEET)
1 inch = 100 ft.

ROCKY RIVER ROAD
21' E/P TO E/P
N81°52'46"E 227.20'
N63°46'16"E 197.37'
N63°46'16"E 148.15'
S37°52'05"E 620.94'
S47°21'15"E 352.86'
S42°31'15"E 53.20'
S37°08'32"W 230.39'
N81°09'08"W 307.49'
N10°02'47"E 230.34'
N11°41'24"W 63.50'
N10°04'18"W 74.50'
N10°04'18"W 29.39'
S21°05'23"E 183.63'
40X30
304371
304372
40X100
191' from Bldg to pt
Drainfield 140'

Robert L Bowers
Sadie T Bowers
4665977297
DB 1857 PG 1609

25' PERMANENT SANITARY SEWER EASEMENT (PER EXHIBIT BY CHAS SELLS, INC DATED JULY 31, 2006)

25' TEMPORARY CONSTRUCTION EASEMENT (PER EXHIBIT BY CHAS SELLS, INC DATED JULY 31, 2006)

Jacob I Simmons
4665971162
DB 1827 PG 1225

Curtis Pond Phases 2,3 and 4 Owner's Association
4665960351
DB 1907 PG 319
COMMON OPEN SPACE

Mag Land Development, LLC
4665964631
DB 1601 PG 1667

Mag Land Development, LLC
4665963218
DB 1601 PG 1667

Mag Land Development, LLC
4665963721
DB 1601 PG 1667

Mag Land Development, LLC
4665964124
DB 1601 PG 1667

Mag Land Development, LLC
4665955538
DB 1601 PG 1657

Mag Land Development, LLC
4665965434
DB 1601 PG 1667

Mag Land Development, LLC
4665965320
DB 1601 PG 1667

Mag Land Development, LLC
4665965915
DB 1601 PG 1667

Mag Land Development, LLC
4665965133
DB 1601 PG 1667

Mag Land Development, LLC
4665964150
DB 1601 PG 1667

Mag Land Development, LLC
4665964870
DB 1601 PG 1667

Curtis Pond Phases 2,3 and 4 Owner's Association
4665960104
DB 1907 PG 319
COMMON OPEN SPACE

Robert L Bowers
4675071571
DB 735 PG 905

Robert L Bowers
Sadie T Bowers
4675074349
DB 1035 PG 1043

Michael James Johnston
4675274227
DB 816 PG 196

Mag Land Development, LLC
4675064058
DB 1601 PG 1667

Mag Land Development, LLC
4675064433
DB 1601 PG 1667

Mag Land Development, LLC
4675059328
DB 1601 PG 1657

Mag Land Development, LLC
4675064183
DB 1601 PG 1667

Mag Land Development, LLC
4675064133
DB 1601 PG 1667

Mag Land Development, LLC
4675064233
DB 1601 PG 1667

Mag Land Development, LLC
4675064333
DB 1601 PG 1667

Mag Land Development, LLC
4675064283
DB 1601 PG 1667

Mag Land Development, LLC
4675064333
DB 1601 PG 1667

POND AREA
272,370± SQ. FT.
6.253± ACRES

TAX PARCEL: 4665968737
TOTAL AREA:
756,730 SQ. FT.
17.372 ACRES

LOCATION MAP
NO SCALE

NORTH PER PLAT BOOK 61, PAGE 32

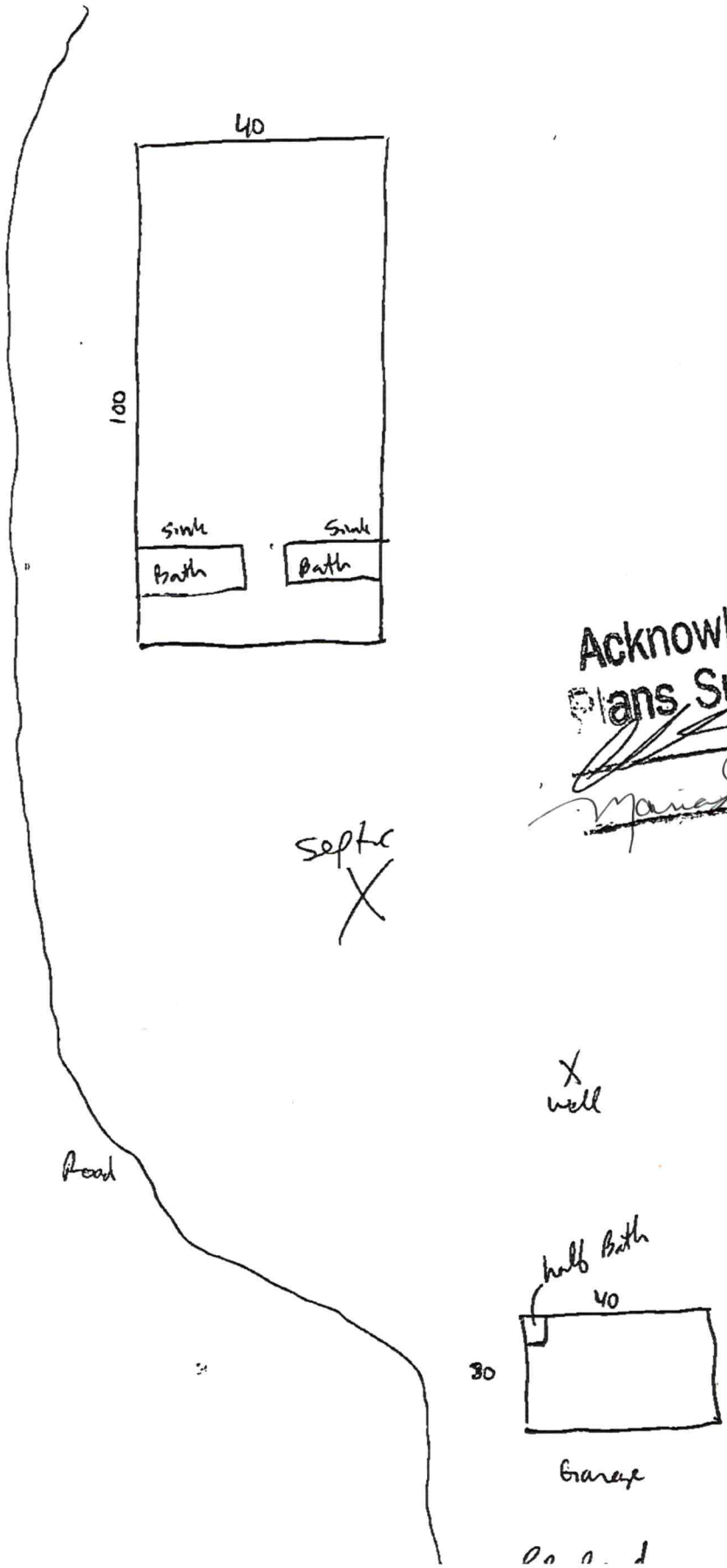
LEGEND:
- IRON FOUND AS DESCRIBED
- IRON PIN SET FLUSH
- MAG NAIL FOUND OR SET
- COMPUTED POINT
- LINES NOT SURVEYED
- EDGE OF PAVEMENT
- 5' WOOD FENCE LINE
- EDGE OF POND
- EASEMENT LINE

BOUNDARY SURVEY OF
388 ROCKY RIVER ROAD
(TAX PARCEL: 4665968737)
- PROPERTY OF -
STEPHEN C. AND SAMANTHA BARTEAU
AS RECORDED IN DEED BOOK 1601, PAGE 1657
CODDLE CREEK TOWNSHIP, IREDELL COUNTY, NORTH CAROLINA
DATE: JUNE 6th, 2008

Professional Property Services Inc.
1488 North Main Street
Mooresville, N.C. 28115
704-799-2292 Phone/Fax
980-721-5511 Mobile

Stephen Curtis Barteau

Hall Clock Shop
Matt Dewart 2101 Sardis Rd N Suite 217



Acknowledgement Of
Plans Submittal ONLY!
Date 1/25/20
Date 2/20/2020