lot recorded 1972

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 326758

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

PIN # 4624 -- 16 -- 6607

APPLICANT/OWNER: Michael Williams | APPLICANT ADDRESS: 108 Cottage Grove Lane, Mooresville NC 28117

SITE ADDRESS: 108 Cottage Grove Lane, Mooresville NC 28117 | PHONE: 925 918 2086 | ALT. PHONE

SITE DIRECTIONS: (W) Brawley School → (R) Tuskarora → (R) Cottage Grove → lot on (R) | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL&T | SECTION: 6 | LOT # 257 | LOT AREA: 0.724ac | DESIGN FLOW: 360gpd | L.T.A.R.: 0.3

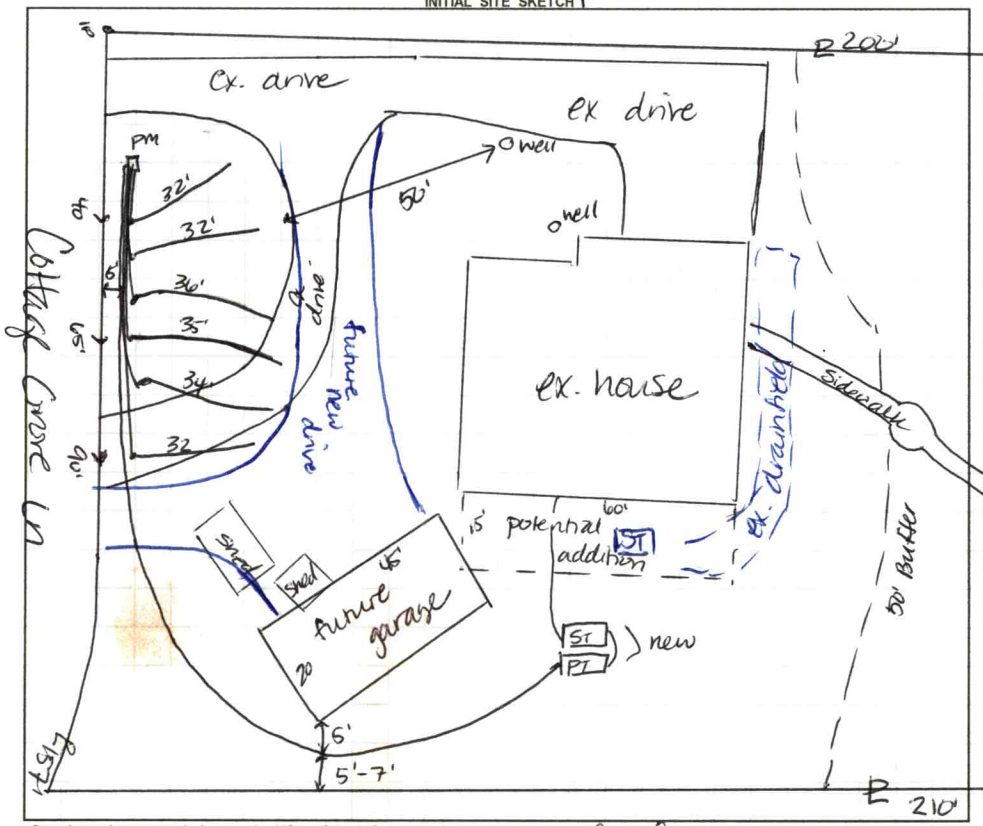
Septic Tank	1000	(gal)	STB	7160	Date	10/10/22	☐ New System	☒ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank	1000	(gal)	PT	3603	Date	10/18/22	System Description:	50% Reduction - VTPBPS			
Pump Make		Model			Serial #		Repair System Description:				
# Nitrification Fields	1	# Lines	6		Linear Ft	200'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	24" min	Trench Bottom Depth	[redacted]	36" max	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		

☒ Residence	No. Bedrooms	3	Water Supply
☐ Business	No. Persons	6	☒ Private
☐ Other	No. Employees		☐ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

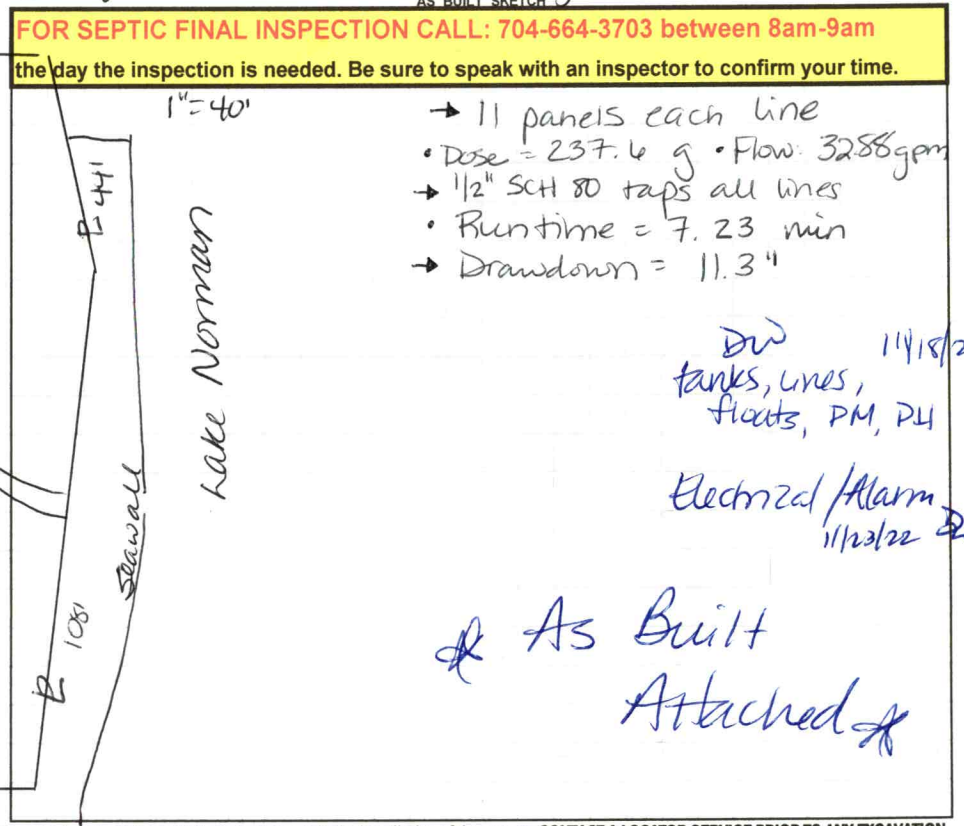
Comments / Conditions: Pump crush & fill old tank. Maintain 50' off both wells. Keep supply line ≥ 30" under drive or sleeve in ductile iron. Keep new tanks 25' from house

Use 2" supply, 2' pressure head for pressure manifold. Keep supply line & all plumbing 5' from property line. Garage location must be staked during installation

INITIAL SITE SKETCH



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.

- → 11 panels each line
- Dose = 237.6 g • Flow: 3258gpm
- → 1½" SCH 80 taps all lines
- Runtime = 7.23 min
- → Drawdown = 11.3"

DW 11/18/22
tanks, lines, floats, PM, PU

Electrical/Alarm 11/23/22 DW

As Built Attached

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: 7-1-22 | Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: D.Wetberg Date: 7.1.22 | OPERATION PERMIT by: D. Wetberg Date: 11/23/22

AUTHORIZATION TO CONSTRUCT by: D.Wetberg Date: 7.1.22 | 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	11/15/22	DW
Tanks Checked	11/15/22	DW
Pressure Manifold or Valve Box Checked	11/15/22	DW
Pressure Head Set	11/15/22	DW
Electrical Checked		
Floats Set	11/18/22	DW
Alarm Checked		
Maintenance Contract Needed? Y (N)		
Comments:		

Repairs Only	
	State Code
Failing System Code	GBD
Type of Distribution	(G) or P
Type of Failure/Malfunction	P
Primary Cause of Failure/Malfunction	A, S
Age of System?	50 yrs
Initial or Repair?	I

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 326758

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

PIN # 4624 -16 -6607

APPLICANT/OWNER: Michael Williams | APPLICANT ADDRESS: 108 Cottage Grove Lane, Mooresville NC 28117

SITE ADDRESS: 108 Cottage Grove lane, Mooresville NC 28117 | PHONE: 9259182086 | ALT. PHONE

SITE DIRECTIONS: (W) Brawley School → (R) Tuskarora → (R) Cottage Grove → lot on (R)

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL&T | SECTION: 6 | LOT # 207 | LOT AREA: 0.724ac | DESIGN FLOW: 360gpd | L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	760	Date	10/10/22	☐ New System	☒ Repair	☐ Expansion	System Type: I II III IV V VI
Pump Tank	1000 (gal)	PT	363	Date	10/18/22	System Description:	50% Reduction - VPPBPS		
Pump Make		Model		Serial #		Repair System Description:			
# Nitrification Fields	1	# Lines	6	Linear Ft	200'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	24" min	Trench Bottom Depth	[redacted]		36" max	Gravel Depth	N/A	☐ GRAVITY	☒ PRESSURE

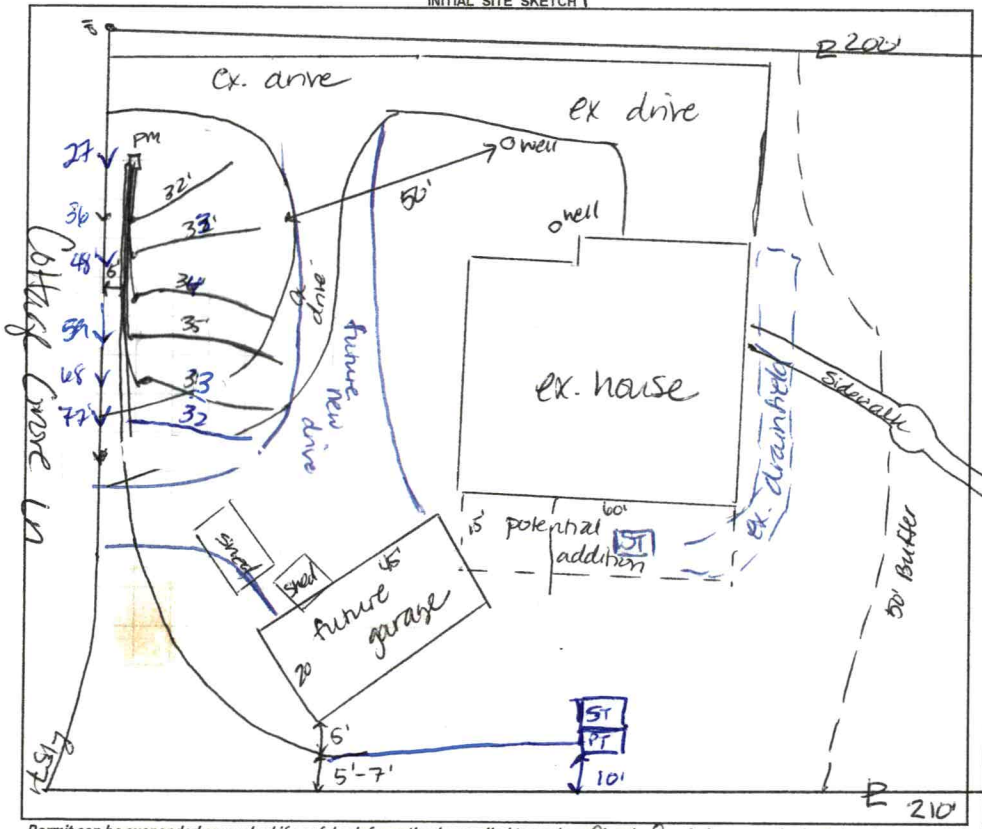
☒ Residence | No. Bedrooms: 3 | ☐ Business | No. Persons: 6 | ☐ Other | No. Employees: | ☐ Slab | ☒ Crawl Space | ☐ Basement w/plumbing | ☐ Basement w/o plumbing

Water Supply: ☒ Private | ☐ Public | ☐ Community

Comments / Conditions: Pump crush & fill old tank. Maintain 50' off both wells. Keep supply line ≥ 30" under drive or sleeve in ductile iron. Keep new tanks 25' from house

Use 2" supply, 2' pressure head. for pressure manifold. Keep supply line & all plumbing 5' from property line. Garage location must be staked during installation

INITIAL SITE SKETCH



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.

- → 11 panels each line
- Dose = 237.6 g
- Flow: 3288gpm
- → 1½" SCH 80 taps all lines
- Runtime = 7.23 min
- → Drawdown = 11.3"

As Built - See changes @ left

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**

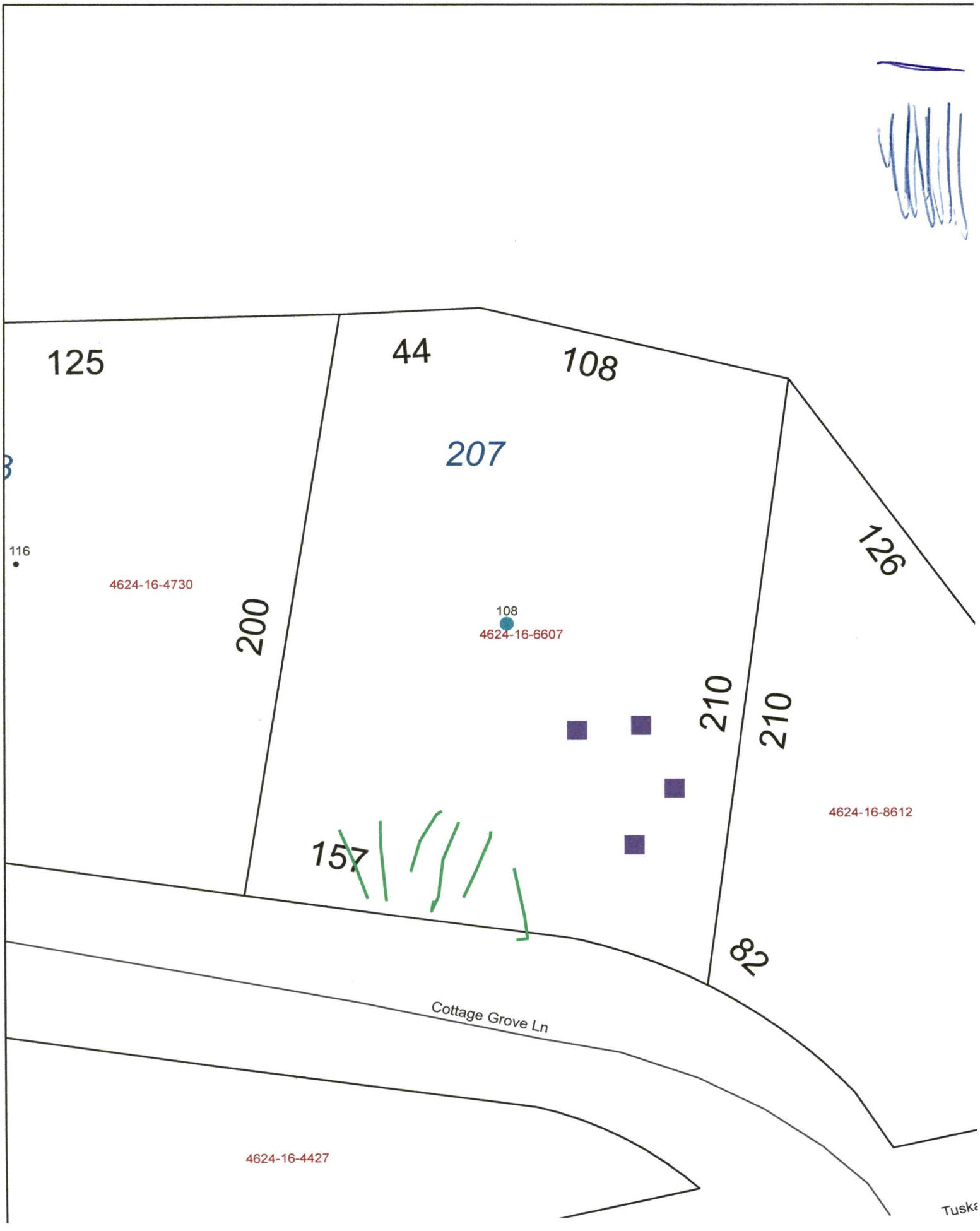
☐ **IMPROVEMENT PERMIT** *with ~~plat~~ valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 7-1-22 | Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: [signature] D.meberg Date: 7.1.22 | OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: [signature] D.meberg Date: 7.1.22 | Existing System Inspected by: Date:

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


125
44
108
207
116
4624-16-4730
200
108
4624-16-6607
126
210
210
4624-16-8612
157
128
Cottage Grove Ln
4624-16-4427
Tuska

· TO RECORDED OR
AYS OR EASEMENTS

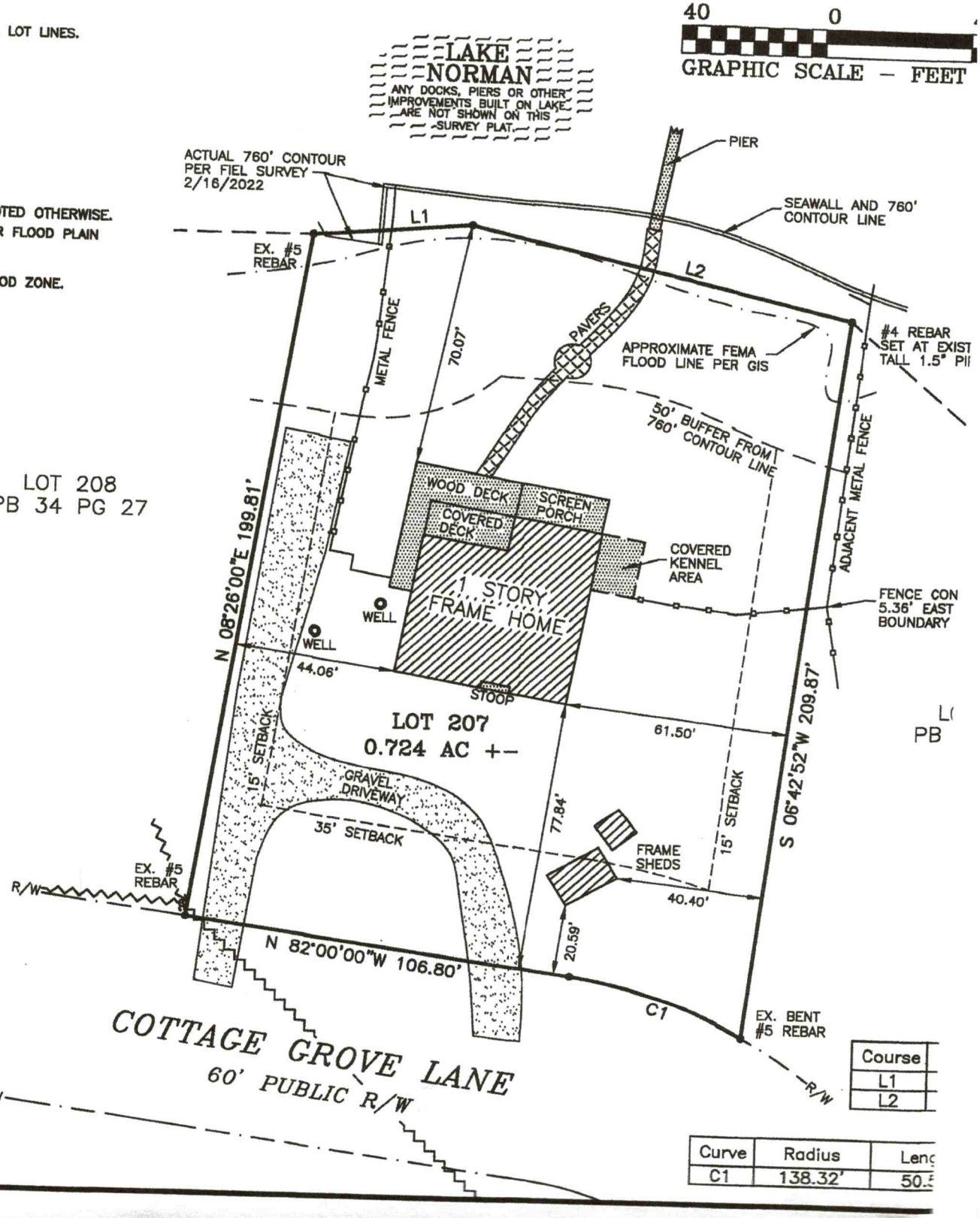
EMENT MAY EXIST ALONG ALL LOT LINES.
BACKS AND ZONING
Y PLANNING OR

'EMENTS SHOWN ON
SCALED OR RELIED
STRUCTION WITHOUT
L DIMENSIONS.
E ARE FOR REFERENCE
D FOR DESIGN WORK.
ARE NOT SHOWN HEREON.
TING AS SHOWN UNLESS NOTED OTHERWISE.
Y IS LOCATED IN A 100 YEAR FLOOD PLAIN
EL #4624

TIAL STRUCTURE IS IN A FLOOD ZONE.

OUNDARY LINE
ANITARY SEWER LINE
ATURAL GAS LINE
NDERGROUND POWER
VERHEAD UTILITIES
NDERGROUND TELEPHONE
ATER LINE
ENCE (TYPE NOTED)
OINT (UNMARKED)
Y
EMENT

EYS



Course
L1
L2

Curve	Radius	Leng
C1	138.32'	50.5

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

Sheet 1 of 1
PROPERTY ID #: 4624647730
COUNTY: Iredell

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

OWNER: Michael Williams — APPLICATION DATE 3/17/22
ADDRESS: 108 Cottage Grove Ln Mooresville — DATE EVALUATED: 4/29/22
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360 — PROPERTY SIZE: 0.724
LOCATION OF SITE: 108 Cottage Grove Ln Mooresville — PROPERTY RECORDED: Y - 1972
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	AB 3	0-3	O - —	—		48"	N/A	N/A	PS
		3-12	SCL - SBK	SSSP-FR-SEXP					
		12-25	C - SBK	↓					
		25-40	CL SBK		Mica present minor		25"+ Litho 40"+		0.3
		40-48	L - SBK						
2	AB 5-8	0-8	SCL - SBK	SSSP-FR-SEXP		48"	N/A	N/A	PS
		8-36	C - SBK	↓					
		36-48	CL - SBK		Mica common		8"+		0.3
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		201'
System Type(s)		50% PM
Site LTAR		0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Wieberg
OTHER(S) PRESENT: J & M Williams

COMMENTS:

Updated February 2014

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.

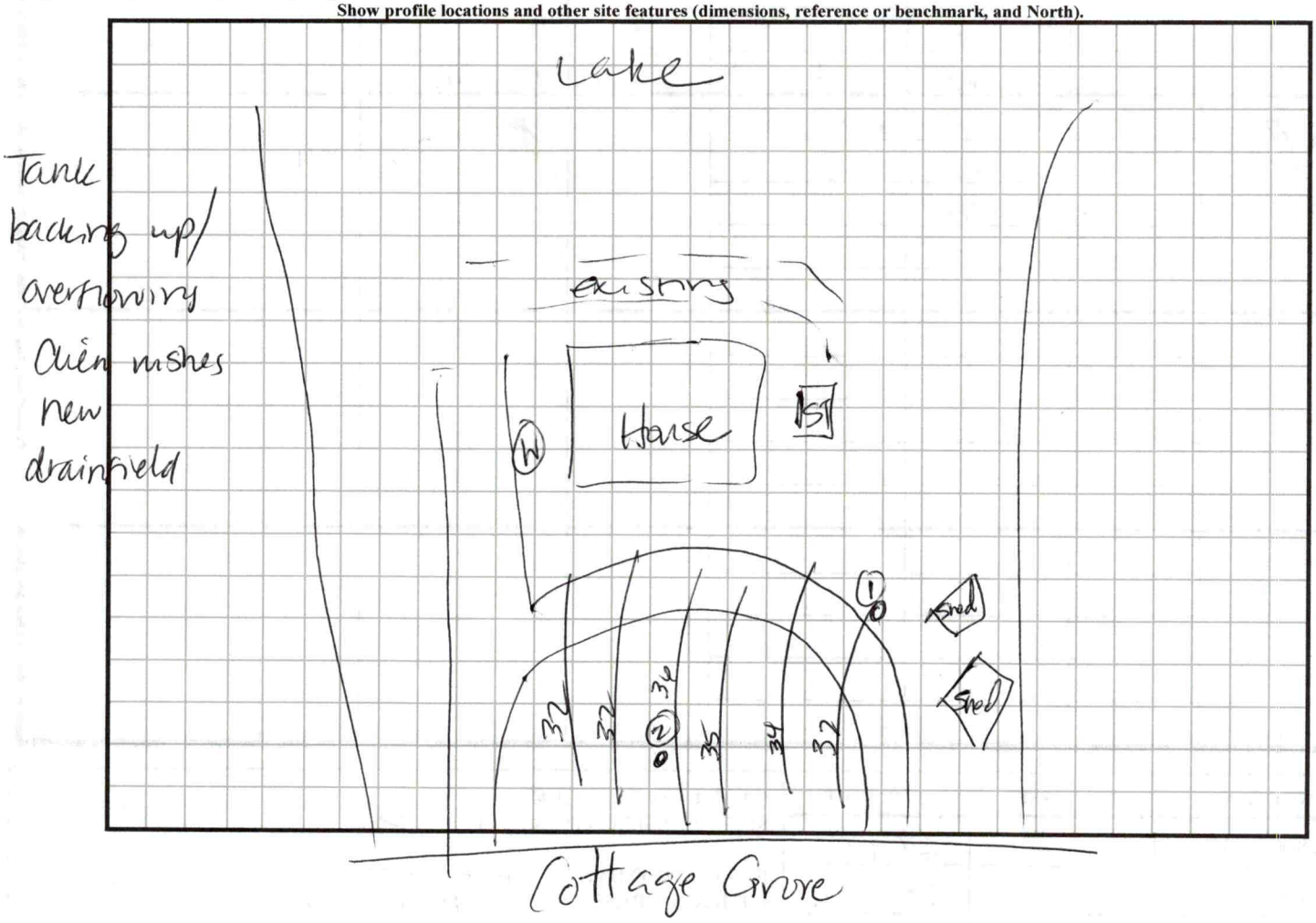
NOTES

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).



NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- 10' DRAINAGE & UTILITY EASEMENT MAY EXIST ALONG ALL LOT LINES.
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
- ALL PINS WERE FOUND EXISTING AS SHOWN UNLESS NOTED OTHERWISE.
- A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN AS DESIGNATED BY FIRM PANEL #4624 EFFECTIVE DATE: 6/16/2009
- NO PORTION OF THE RESIDENTIAL STRUCTURE IS IN A FLOOD ZONE.

LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
ø = UTILITY POLE

DEDMON SURVEYS

40 0 40 80 120
GRAPHIC SCALE – FEET

LAKE NORMAN
ANY DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT.

NORTH PER PB 46 PG 70

ACTUAL 760' CONTOUR PER FIEL SURVEY 2/16/2022

PIER

SEAWALL AND 760' CONTOUR LINE

EX. #5 REBAR

#4 REBAR SET AT EXISTING TALL 1.5" PIPE

APPROXIMATE FEMA FLOOD LINE PER GIS

50' BUFFER FROM 760' CONTOUR LINE

METAL FENCE

ADJACENT METAL FENCE

PAVERS

WOOD DECK

SCREEN PORCH

COVERED DECK

COVERED KENNEL AREA

1 STORY FRAME HOME

FENCE CONNECTS 5.36' EAST OF BOUNDARY LINE

WELL

STOOP

LOT 208
PB 34 PG 27

LOT 207
0.724 AC +-

LOT 1713
PB 46 PG 70

N 08°26'00"E 199.81'

S 06°42'52"W 209.87'

N 82°00'00"W 106.80'

44.06'

61.50'

77.84'

40.40'

20.59'

15' SETBACK

35' SETBACK

GRAVEL DRIVEWAY

FRAME SHEDS

EX. #5 REBAR

EX. BENT #5 REBAR

R/W

C1

COTTAGE GROVE LANE
60' PUBLIC R/W

Course	Bearing	Distance
L1	N 84°35'03" E	43.79'
L2	S 76°54'00" E	107.83'

Curve	Radius	Length	Chord	Chord Bear.
C1	138.32'	50.59'	50.31'	N 71°11'04" W

PHYSICAL SURVEY
FOR
JENNIFER WILLIAMS
& MICHAEL WILLIAMS

LOT 207, SECTION 6
OF CRESCENT LAND & TIMBER
@ 108 COTTAGE GROVE LN, MOORESVILLE, NC

DAVIDSON TOWNSHIP – IREDELL COUNTY, NC
SCALE: 1" = 40'

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FIRM #C-0453

WWW.DEDMONSURVEYS.COM

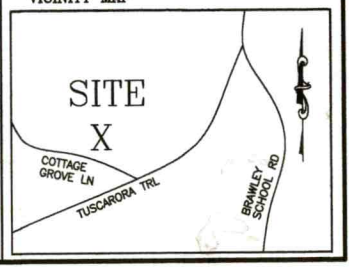
NORTH CAROLINA PROFESSIONAL SEAL L-3762 LAND SURVEYOR

I CERTIFY THAT THIS PLAT WAS SURVEYED AND DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION DB 1844, PG 2291: PB 34, PG 27; THAT BOUNDARIES NOT SURVEYED ARE DRAWN FROM DB , PG ; THAT THE RATIO OF PRECISION EXCEEDS 1:10000; THAT THIS PLAT MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR NC (21 NCAC56.1600), WITNESS MY OFFICIAL SEAL AND SIGNATURE THIS 28TH DAY OF FEBRUARY, AD 2022.

PROFESSIONAL LAND SURVEYOR — L-3762 LICENSE NO.

SURV. BY: KPJ	DRAWN: KPJ	JOB# CLT207

VICINITY MAP



Date Issued 4-26 74 Serial No. 5135 ICAR(S) Permit No 6680

Lot C No 001-281-01

Map Date 3-24-72

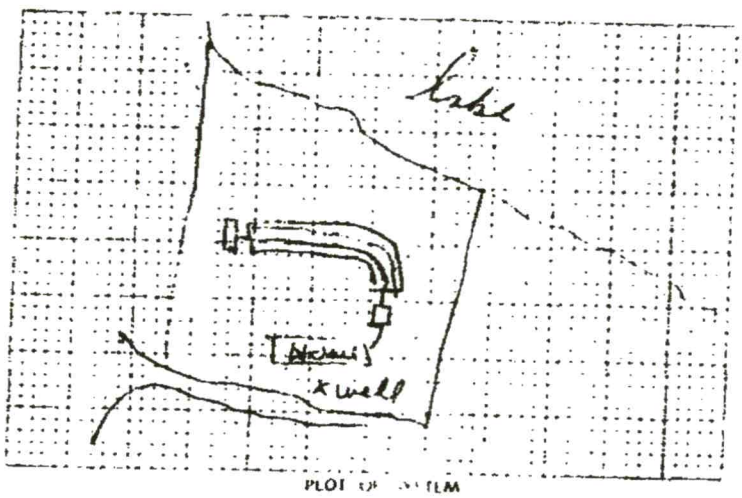
MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct Alter or Repair the individual septic tank wastewater treatment system with subsurface soil absorption effluent discharge as specified herein at the described location. No permit is granted based upon the information supplied in application 6680, dated 5-20-73 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 26 May 74, after which date this permit will be null and void



PLOT OF SYSTEM

Percolation Rate

Liquid Capacity of Tank 1000 gal

Tank Construction PC

Absorption and/or Nitrification Lines

Total Line Length 300'

Number of Lines 5 (12½ x 60 x 17")

Distance from House 10'+

Distance from Property Line 10'+

Distance from Well

NAME OF OWNER Della Smith

LOCATION OF PROPERTY Tuskarora Trail

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Board of Health which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Health Director before any system can be covered up or otherwise rendered uninspectable or can be used

Comments Aeration pit 8½ x 7' x 4'ij Stone
Erwin Contractors

Division or Section Head

Environmentalist

If this permit is for the installation or construction of a new system it must be signed by the division or section head of the Environmental Health Division in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired

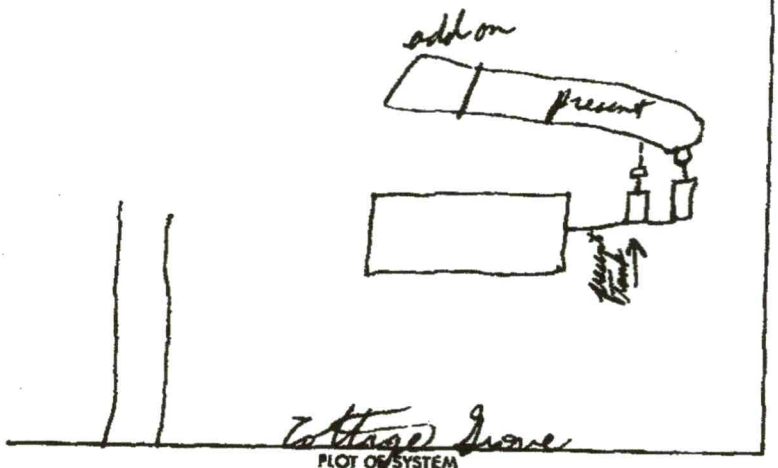
E-5-9-1-72

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 6680 DATE: 7-23-86
TC: 001-382-24
SERIAL Nº 10217

Permission is hereby given to ____ Install or Construct, ✓ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 6-30-86. All work shall be completed on or before 8-25-86, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons
Liquid Capacity of Dosing Tank ____ gallons
Tank Construction Tcc

Absorption and/or Nitrification Lines:
Trench Width 12' feet
Total Line Length 100' feet
Number of Lines 4
Depth of Stone 17" inches
Distance from House 5' feet
Distance from Property Line 10' feet
Distance from Well 50' feet

NAME OF OWNER L. L. Averett, Jr.
LOCATION OF PROPERTY 16447 Cottage Rd
Comments: Abandoned present septic tank & install another tank add 1 bed 12'X25'X17" stone to present septic drain

Division or Section Head

B. R. Ferguson
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

SEE INSTRUCTIONS ON BACK

Date Received 5/28/22 Rev

Add 1500 gal wash 500 gal chain mail

ICARIS Application No 6680

T C P No. 001-281-01

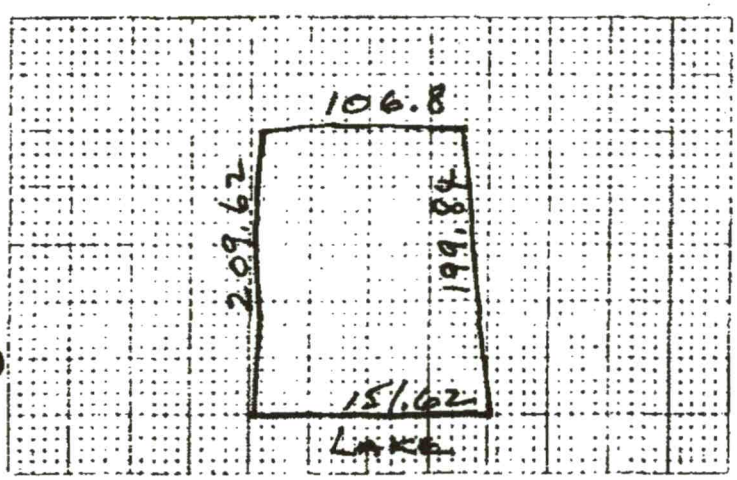
Map Date 3-24-22

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) ____ Install or Construct 2) ✓ Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____ Yes ____ No
Residence ✓ Yes ____ No
4) No of Bedrooms 3
5) Business Use Max No Employees ____
6) Washing Machine ✓ Yes ____ No
7) Garbage Disposal ✓ Yes ____ No
8) Dishwasher ____ Yes ____ No
9) Water Supply
A) Individual Well ✓
B) Governmental System ____
C) Community System
1 Well source ____
2 Governmental source ____
10) Sewage System
House located within 200 feet of public sewer ____ Yes ✓ No
House located within 200 feet of community sewer ____ Yes ✓ No
11) FHA Case No ____
12) VA Case No ____

13) NAME OF OWNER Sam McNinch (LAST) Inc. (FIRST) ____ (MIDDLE)

14) ADDRESS OF OWNER 7914 Hampton Ave, Charlotte, NC

15) PHONE NO Home 332-1076 Office 663-5865

16) LOCATION OF SYSTEM Powell Road, Meck, Lake Norman (STREET OR COUNTY ROAD)

17) SUBDIVISION ____ Lot No. 207 Block No. 6

Map Book No ____ Page No. ____

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? YES NO DATE RUN ____

20) PTR NUMBER (See Instructions) ____

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

DATE OF APPLICATION ____

OWNER Sam McNinch Inc.
BY: Sam McNinch

EHD-5-76 Environmental Health Department's Copy

RECEIVED MAR 17 2022

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-326758

Repair Eval

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection (X) 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: Michael Williams Address: 108 Cottage Grove Ln Zip: 28117
Applicant Email: willim319@comcast.net Phone: 925-918-2086 Alt. Phone: 925-918-2635
Owner Name: Same Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 108 Cottage Grove Ln Mooresville, NC 28117
Subdivision Name: Crescent Land + Timber ?? Section/Phase: 6 Lot Number: 207 ?
Driving Directions: South on Brawley School. Right on Toskarora Trail. Right on Cottage Grove Ln. First house on right.

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

CHECK FOUNDATION TYPE

( ) New Single Family Residence — Maximum Number of Bedrooms: 4 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: _____ — ( ) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____ — ( ) Basement without Plumbing
(X) Repair to failing septic system ___ Tank X Drain lines Describe Problem: Drain lines appear clogged
Non-Residential Site Development: Type of Business: N/A
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 ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: Original system = 1970s, New tank 1987
( ) 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.

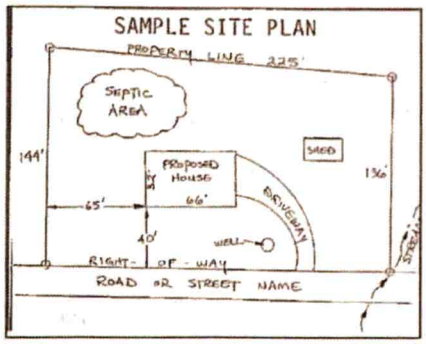
Signature: M. Williams 3/15/2022
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *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 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 and well location**
- ( ) **Area you prefer your septic system to be placed**
- ( ) **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 Survey with added comments + drawing to reflect current Septic and drainfield dos area of desired repair drainfield (if necessary)

Signature: Michael Wallace

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

3/16/2022

DATE

- No surfacing sewage at time of visit, tank recently pumped - when opened 3/24/22 tank approx 1/2 full so freeboard still maintained
- Tank appeared in good condition
- Sewage not backing into house - does not meet criteria of failure for repair.

NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- 10' DRAINAGE & UTILITY EASEMENT MAY EXIST ALONG ALL LOT LINES.
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
- ALL PINS WERE FOUND EXISTING AS SHOWN UNLESS NOTED OTHERWISE.
- A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN AS DESIGNATED BY FIRM PANEL #4624 EFFECTIVE DATE: 8/16/2009
- NO PORTION OF THE RESIDENTIAL STRUCTURE IS IN A FLOOD ZONE.

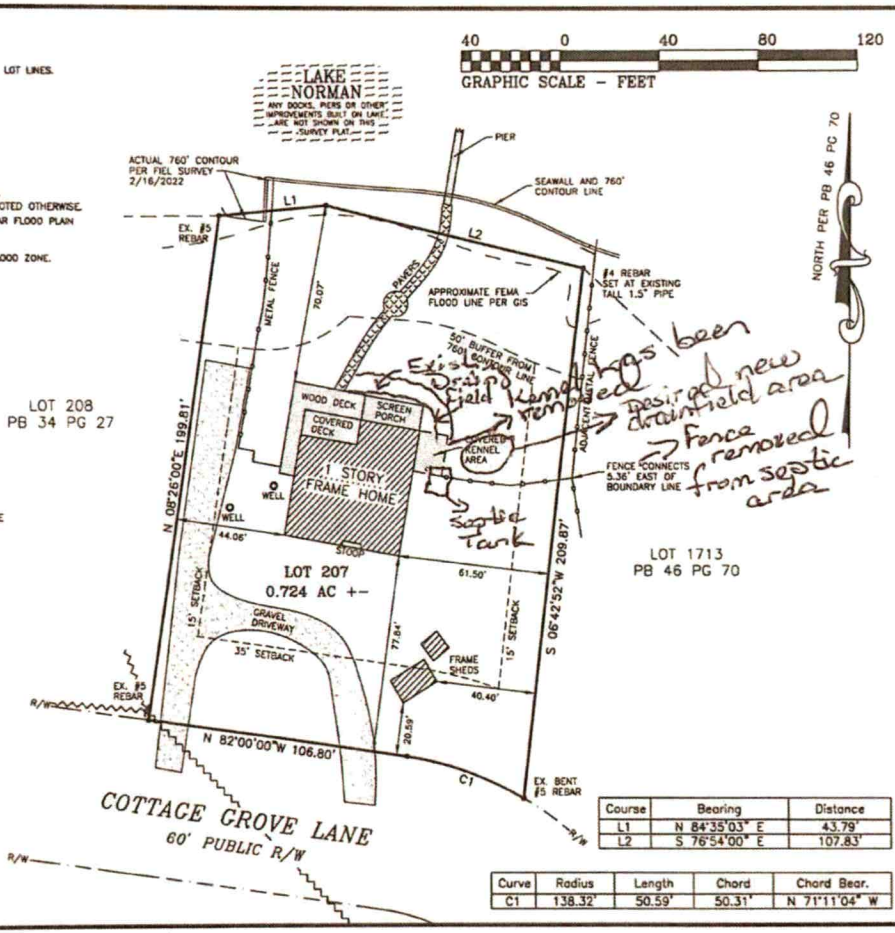
LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
ϕ = UTILITY POLE

DEDMON SURVEYS

40 0 40 80 120
GRAPHIC SCALE - FEET



Course	Bearing	Distance
L1	N 84°35'03" E	43.79'
L2	S 76°54'00" E	107.83'

Curve	Radius	Length	Chord	Chord Bear.
C1	138.32'	50.59'	50.31'	N 71°11'04" W

PHYSICAL SURVEY
FOR
JENNIFER WILLIAMS
& MICHAEL WILLIAMS

LOT 207, SECTION 6
OF CRESCENT LAND & TIMBER
@ 108 COTTAGE GROVE LN, MOORESVILLE, NC

DAVIDSON TOWNSHIP - IREDELL COUNTY, NC
SCALE: 1" = 40'

DEDMON SURVEYS
CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FIRM #C-0453
WWW.DEDMONSURVEYS.COM

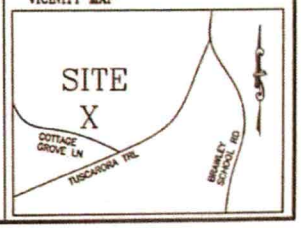
NORTH CAROLINA PROFESSIONAL SEAL L-3762 LAND SURVEYOR CHUCK POOVEY

I CERTIFY THAT THIS PLAT WAS SURVEYED AND DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION DB 1844, PG 2291; PB 34, PG 27; THAT BOUNDARIES NOT SURVEYED ARE DRAWN FROM DB , PG ; THAT THE RATIO OF PRECISION EXCEEDS 1:10000; THAT THIS PLAT MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR NC (21 NCAC56.1600), WITNESS MY OFFICIAL SEAL AND SIGNATURE THIS 28TH DAY OF FEBRUARY, AD 2022.

PROFESSIONAL LAND SURVEYOR L-3762 LICENSE NO.

SURV. BY: KPJ	DRAWN: KPJ	JOB# CLT207

VICINITY MAP



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*) Michael Williams

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, _____, 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.

Michael Williams
Signature of Owner(s)

3/16/2022
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