#15

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-32587

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

PIN # 4686-10-2669 ✓

APPLICANT / OWNER: Andre Tyus | APPLICANT ADDRESS: 115 Quinn Lane, Mooresville, NC 28115

SITE ADDRESS: 1051 PATTERSON FARM RD, MOORESVILLE, NC 28115 ✓ | PHONE: 7046189830 | ALT. PHONE:

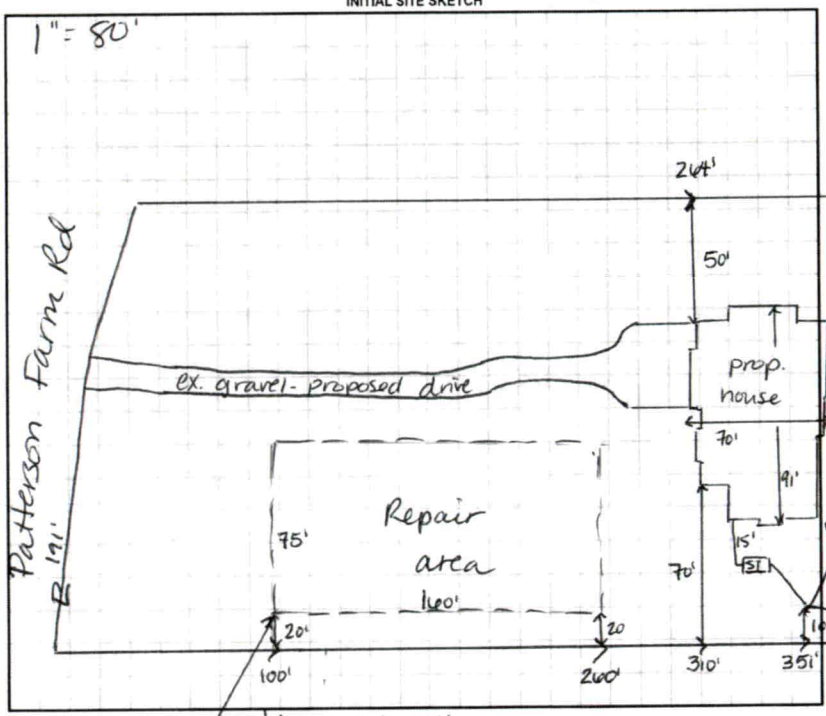
SITE DIRECTIONS: E Main Street -> R Linwood -> L Patterson Farm -> lot on L just before Rowan Co | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Patterson Grove ✓ | SECTION: N/A | LOT #: 6 ✓ | LOT AREA: 4.28 | DESIGN FLOW: 480 | L.T.A.R.: 0.275

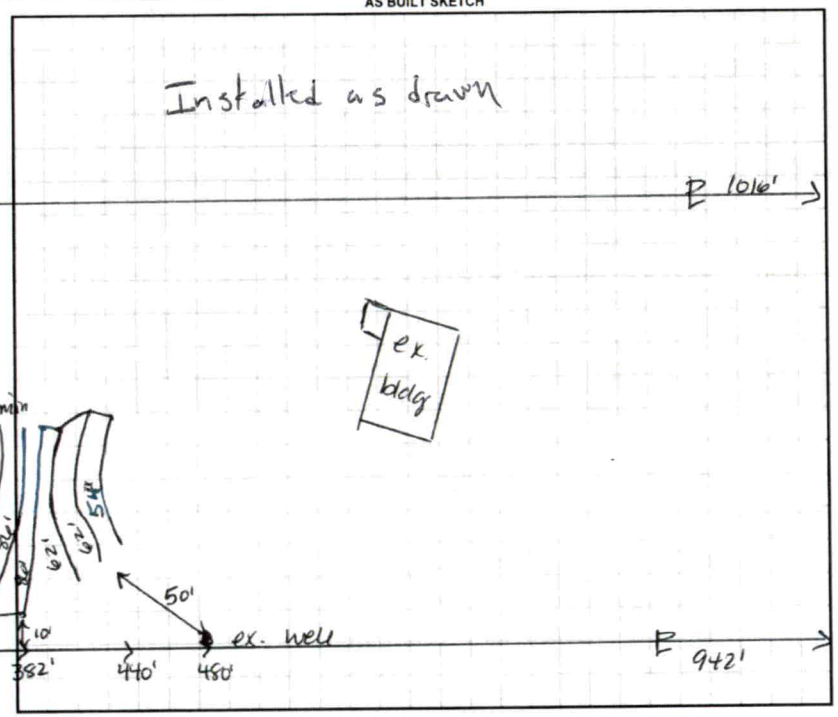
Septic Tank: 1000 (gal)	STB: 760	Date:	☒ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: Existing Well
Pump Tank: (gal)	PT:	Date:	System Description: 25% Reduction		☐ Business	No. Persons: 8	
Pump Make:	Model:	Serial #:	Repair System Description: 25% Reduction		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 6	Linear Ft.: 440	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): 26		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drain field area. Install on contour, divert all drainage from septic system area. Do not exceed 30" max trench bottom or system will be SAP controlled & too close to the well. Stay 50' off well

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: _____ Date: _____ Installed By: Lentz Wastewater

IMPROVEMENT PERMIT by: D. Mebery Date: 10/16/23 OPERATION PERMIT by: _____ Date: 2/22/24

AUTHORIZATION TO CONSTRUCT by: D. Mebery Date: 10/16/23 Existing System Inspected By: _____ Date: _____

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

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

Sheet 1 of 1
PROPERTY ID #: 465610122689
COUNTY: Iredell

26" TB

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

OWNER: Andrew Tyus
ADDRESS:
APPLICATION DATE
DATE EVALUATED: 10/10/23
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: 4.28
LOCATION OF SITE: 1051 Patterson Farm
PROPERTY RECORDED: Y
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other existing
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	5%	0-6	SCL/S WSBK	SSNP-FR-SXP	mn common 6-22 sap common 22"+	48"	S	N/A	PS 0.275
		6-22	C-ABK	SP-FI-SXP					
		22-48	CL-WSBK	SSSP-FR SXP					
		48-60	SAP. L-M	SSSP-FR					
2	LS 5-8	0-26	C-ABK/SBK		mica 26"+ Sap incl Few 26-42	42	S	N/A	PS 0.3
		26-42	CL-SBK						
		42-58	SAP-L-M						
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	440	440
System Type(s)	25%	25%
Site LTAR	0.275	

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Weberg
OTHER(S) PRESENT: D. Dryc

COMMENTS: very dry, < 2" rain in 2 months

Updated February 2014

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

Sheet ___ of
PROPERTY ID #: 7686102669
COUNTY: Iredell

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

Repair

OWNER: Kimberly Olson
ADDRESS: 208 Forest Walk Way Mooresville, NC 28115
PROPOSED FACILITY: House
LOCATION OF SITE: 1051 Patterson Farm/Patterson Grove #6
APPLICATION DATE: 11/9/21
DATE EVALUATED: 1/5/22
PROPOSED DESIGN FLOW (.1949): 4000 gpd
PROPERTY SIZE: 4.28 Ac
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	5%	0-13	Brw SCL	wSBK SS, SP, SExp, FR					PS .3
		13-29	Rd/Brw C	m-w SBK SS, SP, SExp, FR					
		29-54	Rd C/CL	w SBK SS, SP, SExp, FR					
			w/Few to many SAP Inclus & Common Mica		—	54"	—	—	
2	5%	0-7	Rd/Brw CL	w SBK SS, SP, SExp, FR					PS .275 .3
		7-24	RC	m-w SBK SS, SP, SExp, FR					
		24-55	R to V/RC/CL	w SBK SS, SP, SExp, FR					
			w/Few to many SAP Inclus & Common Mica		—	55"	—	—	
3	4%	0-13	Brw SCL	w SBK SS, SP, SExp, FR					PS .3
		13-42	RC/CL	m-w SBK S-SS, SP, SExp, FR					
			w/Common Mica						
		42-55	RCL	w SBK SS, SP, SExp, FR w/Few to many SAP Inclus	—	55"	—	—	
4	4%	0-9	Brw SCL	w SBK SS, SP, SExp, FR					PS .275-.3
		9-24	Rd C	m-w SBK S-SS, SP, SExp, FR					
		24-30	Rd C/CL	w SBK S-SS, SP, SExp, FR					
		30-50	Rd CL	w SBK SS, SP, SExp, FR w/Few to Many SAP Inclus	—	50"	—	—	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	PBBPS
Site LTAR	.3	.275

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Larry Beam & Kim Olson

COMMENTS: _____

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

Sheet ___ of ___
PROPERTY ID #: 4686102089
COUNTY: Iredell

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

OWNER: Kimberly Olson
ADDRESS: 208 Forest Walk Way Mooresville, NC 28115
PROPOSED FACILITY: House
LOCATION OF SITE: 1051 Patterson Farm Rd Mooresville NC
APPLICATION DATE: 11/9/21
DATE EVALUATED: 11/5/20
PROPOSED DESIGN FLOW (.1949): 600 gpd
PROPERTY SIZE: 4.28 Ac.
PROPERTY RECORDED: ✓

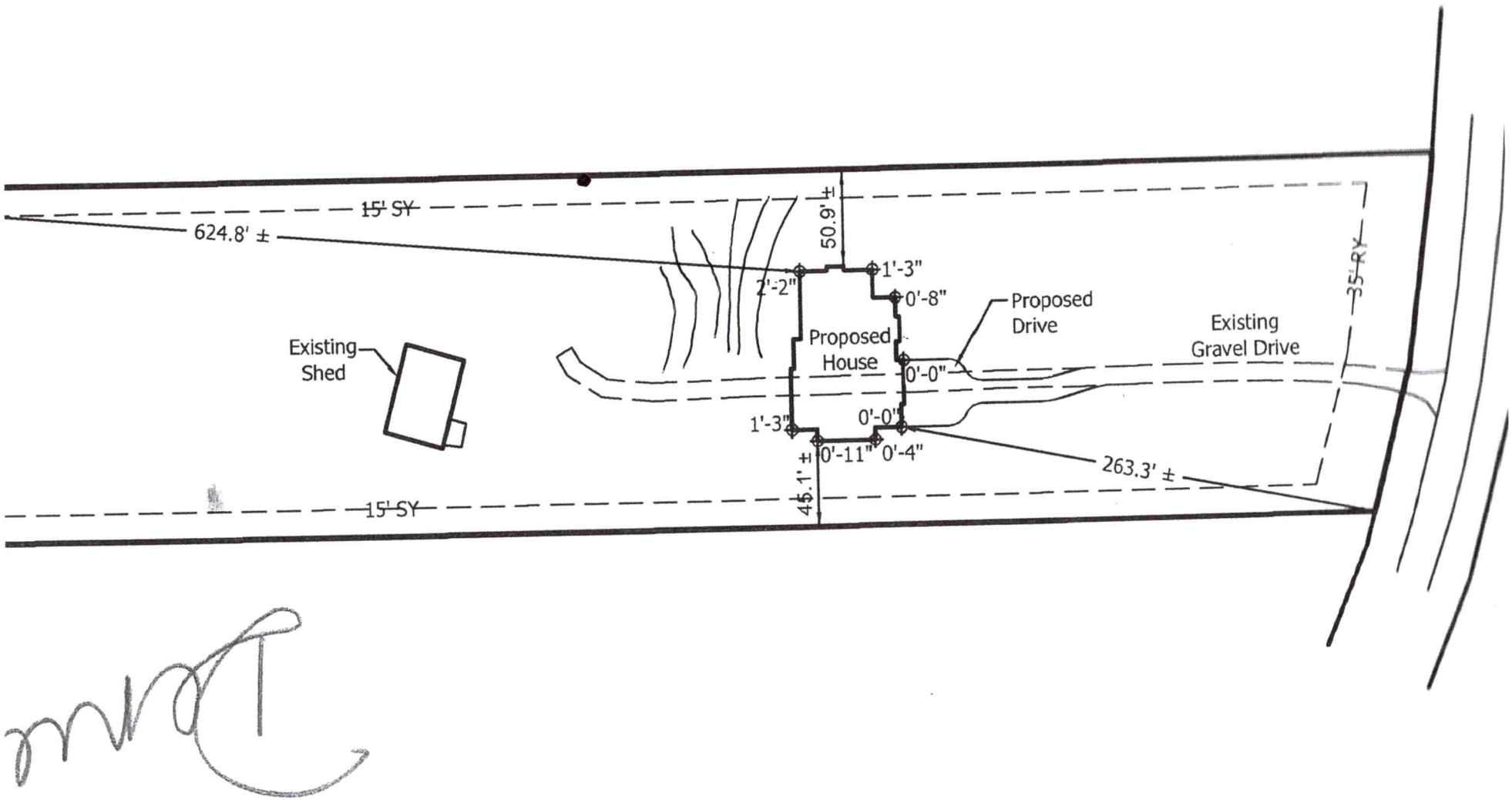
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

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	5 4%	0-6	Brn SCL	w SBK SS, SP, SexP, FR					PS .275-.3
		6-15	Rd/Brn CL	m SBK SS, SP, SexP, FR					
		15-55	R to Y/R	C/c w SBK, SS, SP, SexP, FR					
			W/few to many	SAP Inclus	—	55'	—	—	
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	PBBS
Site LTAR	.3	.275

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Larry Beam & Kim Olson

COMMENTS: _____



0 100

THE SUBJECT PROPERTY IS NOT IN A "SPECIAL HAZARD AREA" AS SHOWN ON HUD/FIA FLOOD INSURANCE RATE MAP COMMUNITY PANNEL NUMBER 3710468600K EFFECTIVE DATE 6/16/2009.

PLOT PLAN FOR:

Ty

DRAWN BY: DEN

CHECKED

PRELIMINARY FOR REVIEW ONLY

* NOT AN ACTUAL SURVEY *

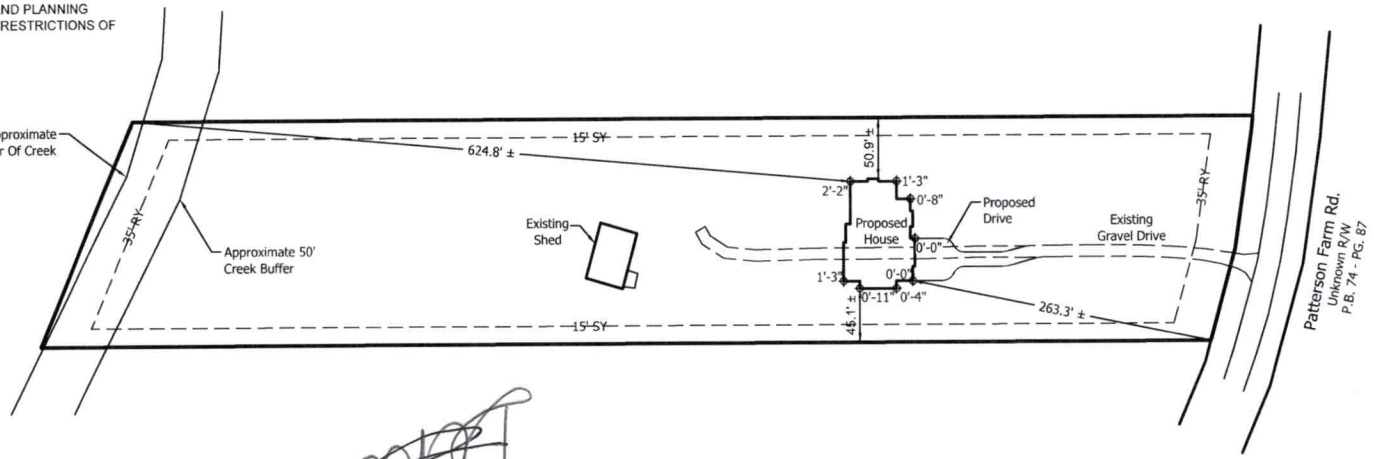
THIS PLOT PLAN WAS DRAWN FROM EXISTING PLATS AND/OR DEEDS AND A FULL SURVEY WAS NOT PERFORMED AT THIS TIME. ACREAGES AND DISTANCES ARE SUBJECT TO AN ACTUAL SURVEY. A FULL TITLE SEARCH HAS NOT BEEN PERFORMED.

REFERENCE:

BEING ALL OF LOT 6 - PATTERSON GROVE SUBDIVISION - AS RECORDED IN P.B. 74, PG. 87 - IREDELL COUNTY REGISTRY.

PROPERTY SUBJECT TO RESTRICTIVE COVENANTS LISTED IN D.B. 2852 - PG. 2183.

PROPERTY IS SUBJECT TO ANY AND ALL ZONING AND PLANNING ORDINANCES, EASEMENTS, RIGHTS-OF-WAY, AND RESTRICTIONS OF RECORD.



SETBACKS:

PROPERTY CURRENTLY ZONED: RA (IREDELL COUNTY)

PROPERTY SUBJECT TO A 35' FRONT YARD (FY), 15' SIDE YARD (SY), & 35' REAR YARD (RY) AS RECORDED IN P.B. 74, PG. 87.

PROPERTY LIES WITHIN THE CODDLE CREEK WS-II-PA WATERSHED OVERLAY

PROPERTY IS SUBJECT TO A 10' DRAINAGE & UTILITY AROUND INSIDE PERIMETER OF LOT PER P.B. 74, PG. 87.

LEGEND	
FY	FRONT YARD SETBACK
RY	REAR YARD SETBACK
SY	SIDE YARD SETBACK
R/W	RIGHT OF WAY
P.B.	PLAT BOOK
PG.	PAGE

APPROXIMATE STRUCTURAL/IMPERVIOUS COVERAGE:

APPROXIMATE PROPERTY AREA: 186,532 SF, 4.282 AC
PROPOSED DWELLING AREA: 6,018 SF, 0.138 AC
PROPOSED DRIVE AREA: 1,295 SF, 0.030 AC
APPROXIMATE STRUCTURAL COVERAGE: 6,018 SF, 0.138 AC, 3.23%
APPROXIMATE IMPERVIOUS COVERAGE: 7,313 SF, 0.168 AC, 3.92%

THE SUBJECT PROPERTY IS NOT IN A "SPECIAL HAZARD AREA" AS SHOWN ON HUD/FIA FLOOD INSURANCE RATE MAP COMMUNITY PANNEL NUMBER 3710468600K EFFECTIVE DATE 6/16/2009.

0 100 200 300

JORDAN GRANT

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STATESVILLE, NC 28625
MATT.GRANT@JORDAN-GRANT.COM
704-928-7919
FIRM # P-1227

PLOT PLAN FOR:

Tyus

DRAWN BY: DEN	CHECKED BY: JWE	SCALE: 1" = 100'
PIN NO: 4686-10-2669		
DEED REF: 2887-2337		
DATE OF MAP: 6/20/2023	SURVEY DATE: 6/19/2023	
REVISION: 07/12/23	DRAWING FILE: 20230614_07-06-23	

1051 Patterson Farm Rd, Mooresville, NC 28115
Coddle Creek TWSP - Iredell County - North Carolina