IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 242176

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

PIN # 4722284018 (new PIN#)

APPLICANT/OWNER: R+L Constructors, LLC APPLICANT ADDRESS: P.O. Box 1658 Statesville, NC

SITE ADDRESS: 1650 Buffalo Shoals Rd; STVL, 28677 PHONE: 704-880-8219 ALT. PHONE —

SITE DIRECTIONS: Buffalo Shoals Rd past Old mountain intersection → on right behind Dollar General SAP CONTROLLED: ☐ YES ☒ NO

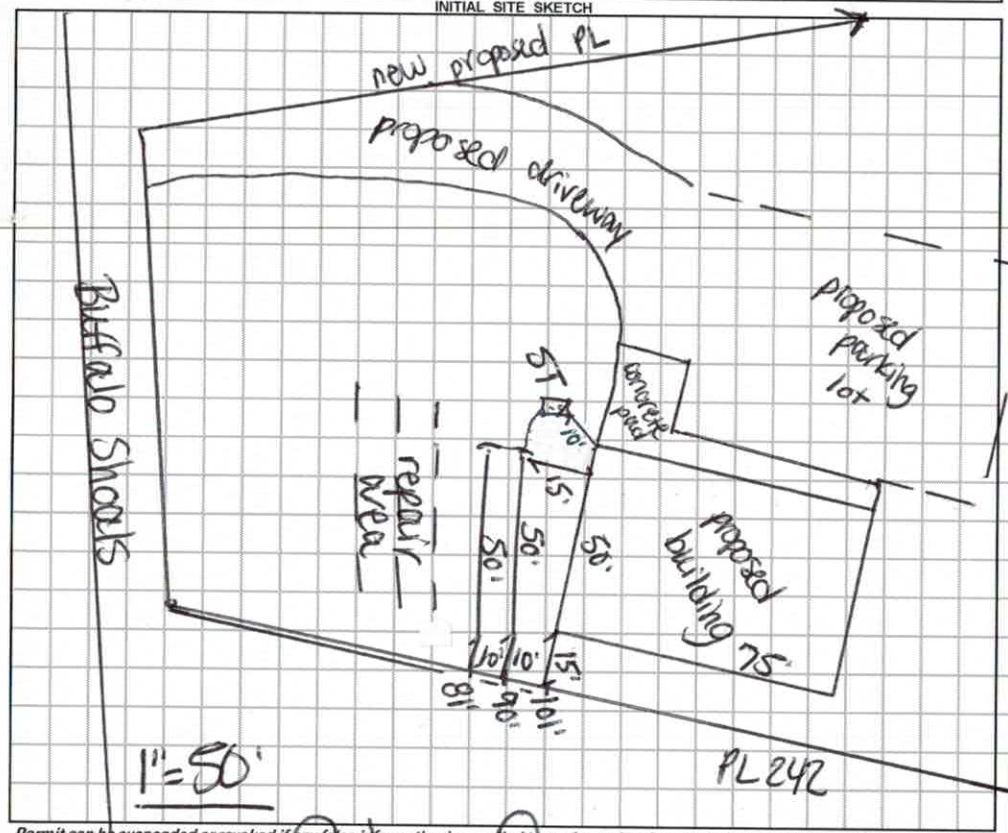
SUBDIVISION: Venture Lot Development SECTION: — LOT # 1 LOT AREA: 1.17 DESIGN FLOW: 100 gpd L.T.A.R.: .25

Septic Tank	1000 (gal)	STB	1012	Date	4-22-19	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☐ Residence	No. Bedrooms
Pump Tank	(gal)	PT		Date		System Description:	25% reduction	☒ Business	No. Persons
Pump Make		Model		Serial #		Repair System Description:	25% reduction	☐ Other	No. Employees 4
# Nitrification Fields	1	# Lines	2	Linear Ft	100	Maintenance Agreement Required:	☐ YES ☒ NO	☒ Slab	☐ Crawl Space
Trench Width	36"	Trench Bottom Depth( )		30" max	Gravel Depth —		☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

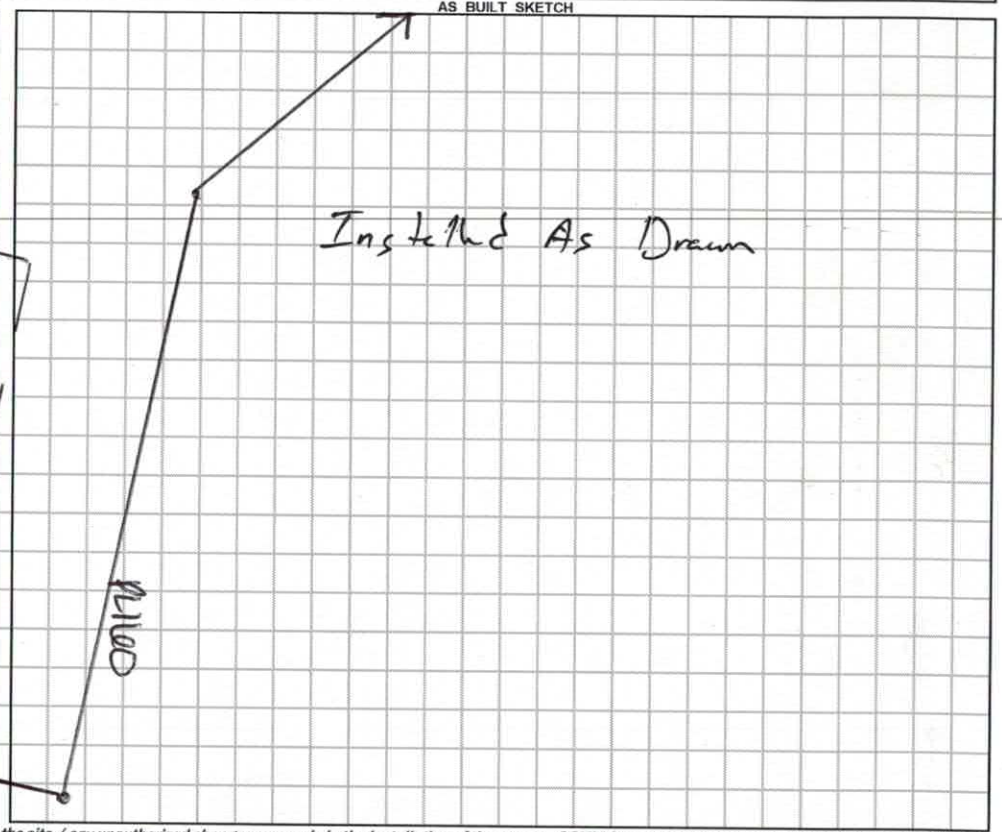
Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Install on contour & utilize serial distribution. Do not exceed max trench depth of 36".

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**

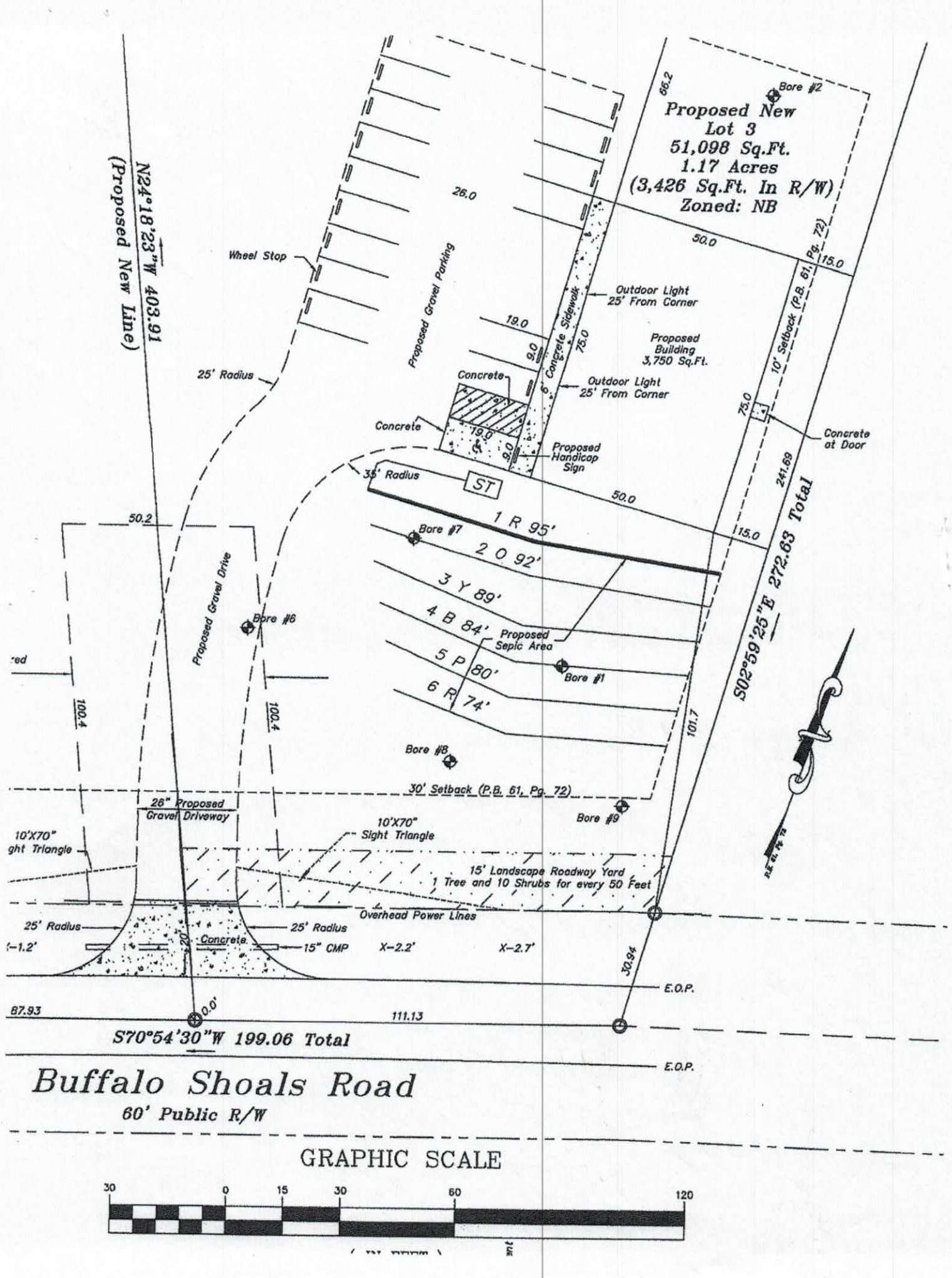
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 4-26-2019 Installed by: Piedmont Backhoe

IMPROVEMENT PERMIT by: Carla C. Cave Date: 3-8-19 OPERATION PERMIT by: [signature] Date: 7-30-19

AUTHORIZATION TO CONSTRUCT by: Carla C. Cave Date: 4-26-19 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.


Proposed New
Lot 3
51,098 Sq.Ft.
1.17 Acres
(3,426 Sq.Ft. In R/W)
Zoned: NB
Bore #2
66.2
N24°18'23"W 403.91
(Proposed New Line)
26.0
Wheel Stop
Proposed Gravel Parking
50.0
15.0
Outdoor Light
25' From Corner
19.0
9.0
75.0
6' Concrete Sidewalk
Proposed
Building
3,750 Sq.Ft.
10' Setback (P.B. 61, Pg. 72)
25' Radius
Concrete
Outdoor Light
25' From Corner
Concrete
Concrete at Door
Proposed
Handicap
Sign
35' Radius
ST
241.69
S02°59'25"E 272.63 Total
50.2
1 R 95'
Bore #7
2 O 92'
3 Y 89'
4 B 84'
Proposed
Sepic Area
5 P 80'
6 R 74'
Bore #6
Proposed Gravel Drive
Bore #1
100.4
100.4
101.7
Bore #8
30' Setback (P.B. 61, Pg. 72)
Bore #9
26' Proposed
Gravel Driveway
10'X70"
Sight Triangle
10'X70"
Sight Triangle
15' Landscape Roadway Yard
1 Tree and 10 Shrubs for every 50 Feet
Overhead Power Lines
25' Radius
25' Radius
Concrete
15" CMP
X-2.2'
X-2.7'
30.94
E.O.P.
87.93
0.0'
111.13
S70°54'30"W 199.06 Total
E.O.P.
Buffalo Shoals Road
60' Public R/W
GRAPHIC SCALE
30
0
15
30
60
120

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

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

OWNER: R&L Constructors, LLC
ADDRESS: 1050 Buffalo Shoals
PROPOSED FACILITY: 4 employee
LOCATION OF SITE: 1050 Buffalo Shoals
APPLICATION DATE 2/25/19
DATE EVALUATED: 3/7/19
PROPOSED DESIGN FLOW (.1949): 100 gpd
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	L 4% I	0-9	SBK SCL	Fr SS SP SBP	few Y/B mottles	52"	N/A	N/A	PS .25
		9-36	ABK C	" "					
		36-52	SBK CL	" "					
2	L 4% I	0-7	SBK SCL	Fr SS SP SBP	few depletions	49"	PS	N/A	PS .275
		7-23	SBK C	" "					
		23-49	SBK CL	" "					
		49-60	LSAP	VFR					
3	L 4% R	0-9	SBK SCL	Fr SS SP SBP	saprolite @ 54"-60"	60"	N/A	N/A	PS .25
		9-33	ABK C	" "					
		33-60	SBK CL	" "					
4	L 4% R	0-7	SBK SCL	Fr SS SP SBP	N/A	54"	PS	N/A	PS .25
		7-27	ABK C	" "					
		27-54	SBK CL	" "					
		54-60	LSAP	VFR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	100'	100'+
System Type(s)	75%	75%
Site LTAR	.25	.25

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

COMMENTS:

100' FP - recorded line

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.

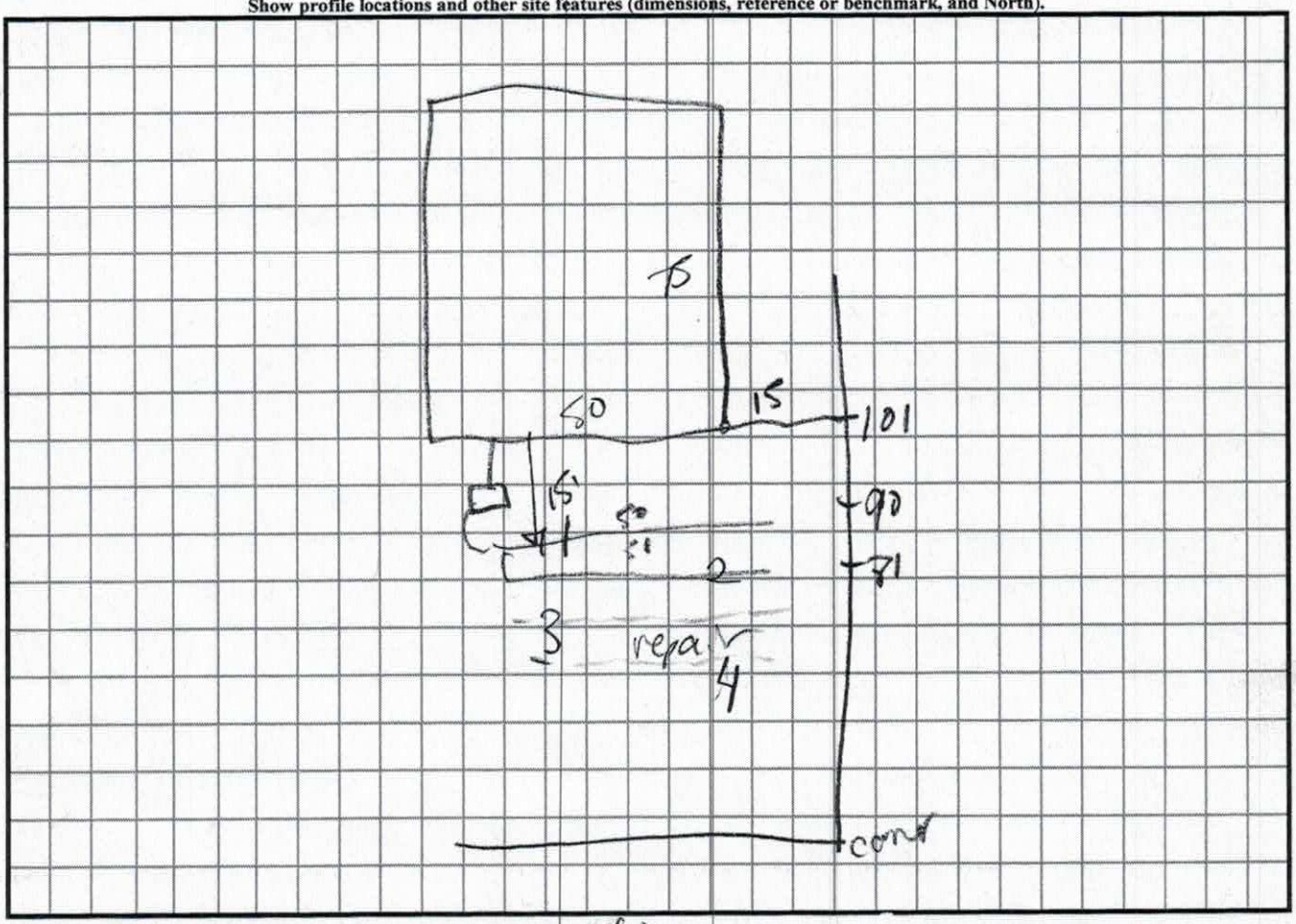
NOTES

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/ft²

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



PROPERTY ID #: 472228 X03
COUNTY: Iredell

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

OWNER: Randy Wilson / R&L Constructors, LLC
ADDRESS: P.O Box 6658, Statesville NC 28687
APPLICATION DATE: Feb 2019
DATE EVALUATED: 9/25/18
PROPOSED FACILITY: Commercial-Temple PROPOSED DESIGN FLOW (.1949): 100 gpd
LOCATION OF SITE: Buffalo Shoals Road (Beside Dollar General)
PROPERTY SIZE: 1.17 ac
PROPERTY RECORDED: No
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
B 1	L/3%	0-4	RBCl wfsbk	Fr SS SP	Few SAP Inc.	48	–	–	PS .275 - .3
		4-40	RC wmsbk	Fr SS P					
		40-48	RBCl wfsbk	Fr SS SP					
B 2	L/5%	0-8	BSl Gr	Fr SS SP	Fe Dep @ 21" Cl RE @ 28"	48	–	–	PS .225 to 28"
		8-30	BRC wmsbk/ABK	Fr SS P					
		30-48	RC wfABK	Fr SS SP					
B 3	L/5%	0-8	BSl Gr	Fr SS SP	Fe Dep @ 22" Few SAP Inc. Few Fe Dep	48	–	–	PS .275
		8-33	RC wmsbk/ABK	Fr SS P					
		33-48	RC wfsbk	Fr SS SP					
B 4	L/5%	0-12	BSl Gr	Fr SS SP	Few Fe Con/Dep @ 24" C. Fe Dep Possible Clay @ 42"	48	–	–	PS - 42" .225-.25
		12-31	YBC wmsbk	Fr S P					
		34-48	RC wfABK	Fr SS P					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	Accepted
Site LTAR	0.225-.3	0.225-.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT: Chad Wagner

COMMENTS:

.225 = 11" infil

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: 4722292003
DATE OF EVALUATION: 9/25/18
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B5	L/4%	0-7	RBCl wfsbk	Fr SS SP	Few Fe Depl	48	—	—	PS .25-.275
		7-30	BRC wmsbk/Mbk	F SS P					
		30-48	RC wmsbk/sbk	Fr SS P					
B6	L/4%	0-5	BSl Gr	Fr SS SP	C. Fe Depl	33	—	33	PS to 33" .225 Hand Pit
		5-15	LBSCl wmsbk	Fr SS SP					
		15-33	RBSl wmsbk	Fr SS SP					
		33-AR							
B7	L/4%	0-3	BSl Gr	Fr SS SP	Few Fe Depl Few SAP Incl. Few SAP	48	—	—	PS .275-.3
		3-9	RBCL wfsbk	Fr SS SP					
		9-16	RC wmsbk	Fr SS SP					
		16-32	RC wmsbk/Mbk	Fr SS P					
		32-48	RBCL wfsbk	Fr SS SP					
B8	L/4%	0-10	BCL wmsbk	Fr SS SP	Fe Depl @ 26" Few SAP	48	—	—	PS .25-.275
		10-36	BRC wmsbk/Mbk	F SS SP					
		36-48	RBCL wfsbk/Mbk	Fr SS SP					
B9	L/3%	0-4	BCL wmsbk	Fr SS SP	C. Fe Depl C Fe Depl Chr @ 22"-36" Fe Depl Possible Chr	48	—	—	PS - 22" 0.1
		4-10	RBC wfsbk/Mbk	Fr S P					
		10-24	BRC wfsbk/Mbk	Fr SS P					
		24-48	RC mfsbk	F SS SP					

COMMENTS:

Ashley Rollins - space 2/27 - going to set up pits

RECEIVED FEB 2 5 2018

Paid $500.00 # 242176

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For:
(X) Septic Improvement Permit (X) Authorization to Construct ( ) New Well Permit ( ) Existing System Inspection ( ) Well Repair Permit ( ) Well Abandonment ( ) 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:
Place an (X) beside whichever is submitted if applicable
( ) Survey Plat, scaled no more than 1 inch = 60 feet
(X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: R & L Constructors, LLC Address: P.O. Box 10658 Statesville NC Zip: 28687
Applicant Email: wilsonbuildinginc@gmail.com Phone: 704-880-8219 Alt. Phone:
Owner Name: SAME Address: SAME Zip: SAME
Owner Email: SAME Phone: SAME Alt. Phone: SAME

Property Information:

Street Address: 1650 Buffalo Shoals Rd Statesville NC 28677
Subdivision Name: N/A Section/Phase: N/A Lot Number: 3
Driving Directions: From West Front St turn left on Buffalo Shoals Rd. Property is on right. (Behind Dollar General)

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: ____
Maximum Number of Occupants: ____
( ) Swimming Pool
( ) Other Addition/Structure: ____
Non-Residential Site Development: Type of Business: Workshop / Office
Square Footage of Building: 3,750 Max. Number of Employees: 4 Max. Number of Seats/Beds/Other: ____

CHECK FOUNDATION TYPE
(X) Crawl Space Foundation
(X) 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 (X) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)*
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other: Accepted
Year existing system installed:

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: _____ 2-25-2019
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

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, Randy Wilson, am the legal owner(s) of the property located at Buffalo Shoals Rd Statesville NC 28677, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** SFS Ashley Collins, 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.

R J W | 2-25-2019 | Ronda Hart | 2-25-19

Signature of Owner(s) | Date | 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

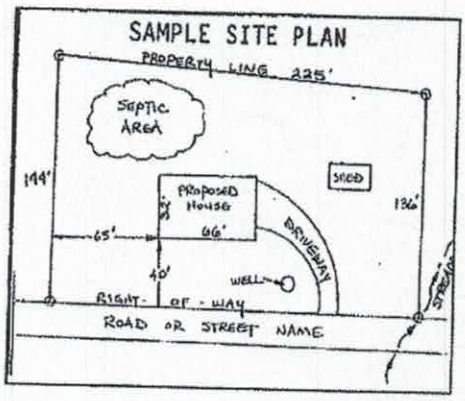
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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:

- (X) **Property Line measurements are clearly identified**
- (X) **All proposed structures are indicated**
- (X) **Front and side setbacks from property line**
- (X) **Preferred driveway location**
- (X) **Preferred well location**
- (X) **Preferred septic system location**
- (X) **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

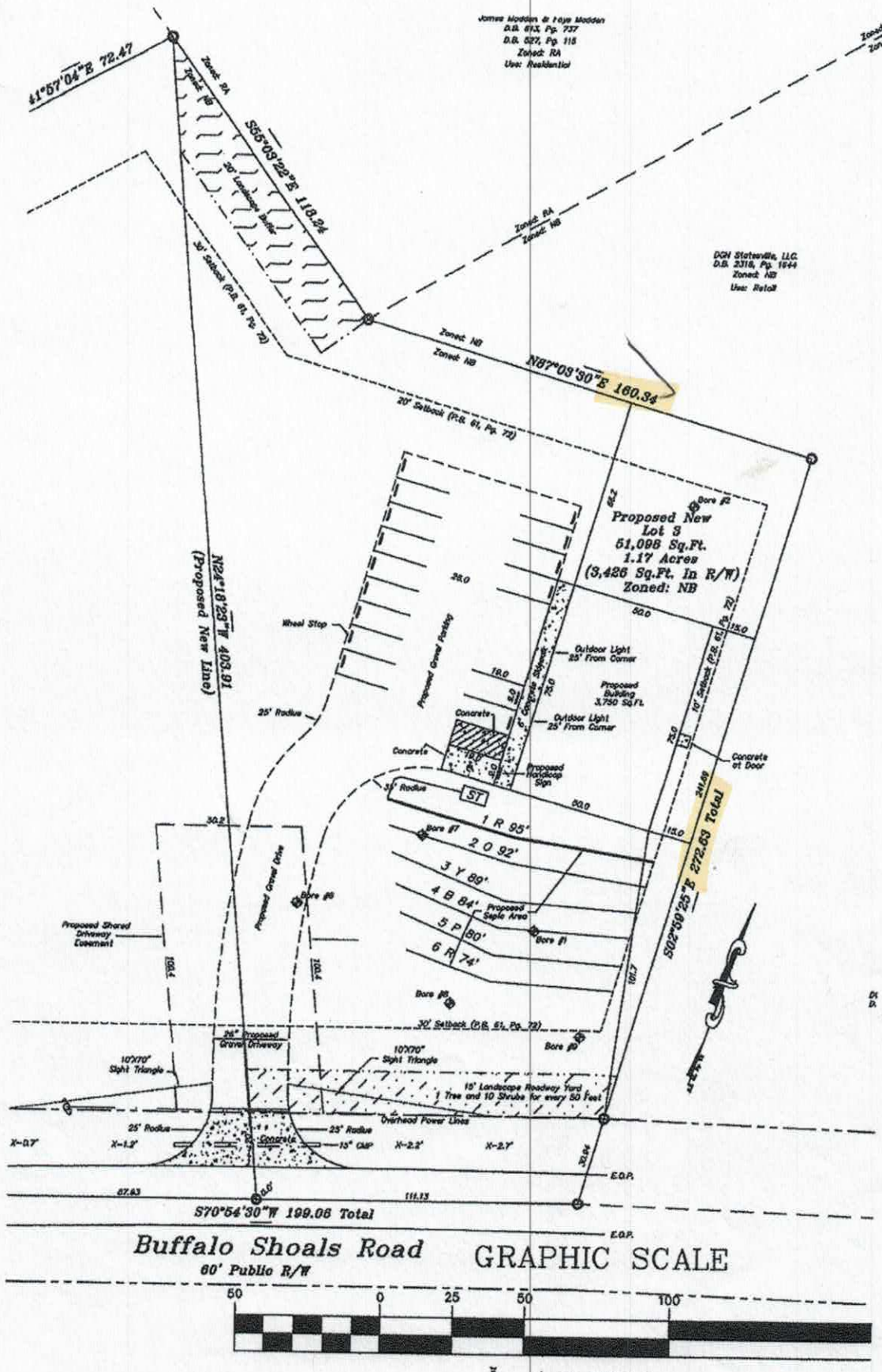
See Attached

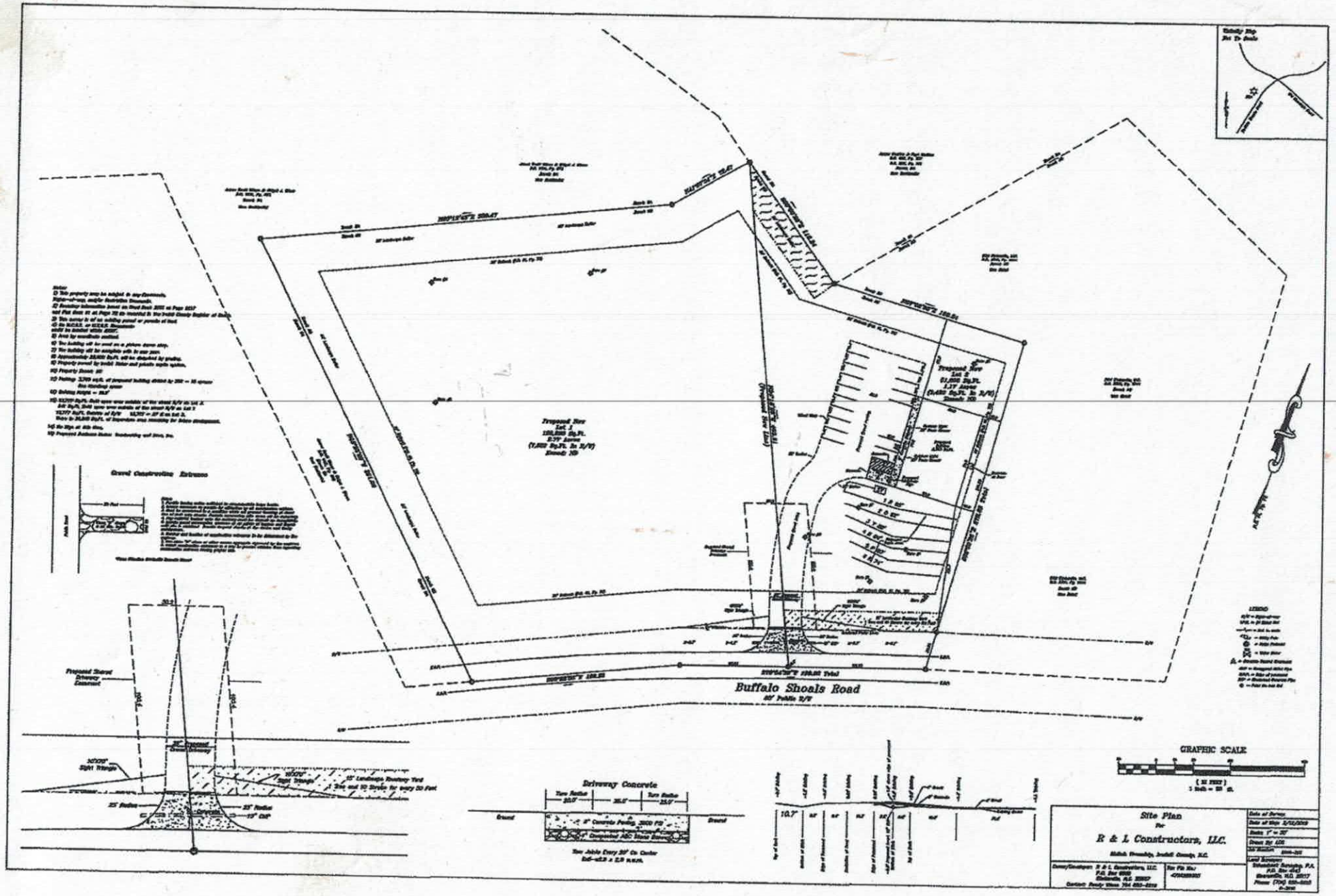
Signature: _____

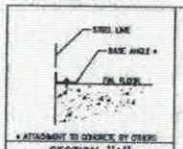
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

2-25-2019

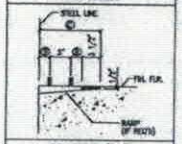
DATE


James Madden & Faye Madden
D.B. 611, Pg. 737
D.B. 527, Pg. 115
Zoned: RA
Use: Residential
DGH Statesville, LLC
D.B. 2318, Pg. 1944
Zoned: NB
Use: Retail
Zoned: RA
Zoned: NB
Zoned: NB
Zoned: NB
N41°57'04"E 72.47
S65°03'22"E 118.24
30' Landscape Buffer
30' Setback (P.B. 61, Pg. 72)
20' Setback (P.B. 61, Pg. 72)
N87°03'30"E 160.34
N24°18'23"W 403.91
(Proposed New Line)
Proposed New
Lot 3
51,098 Sq.Ft.
1.17 Acres
(3,426 Sq.Ft. in R/W)
Zoned: NB
Bore #2
Bore #3
Bore #4
Bore #5
Bore #6
Bore #7
Bore #8
Wheel Stop
Proposed Gravel Parking
Outdoor Light
25' From Corner
Proposed
Building
3,750 Sq.Ft.
Outdoor Light
25' From Corner
Concrete
Concrete
Proposed
Handicap
Sign
Concrete
at Door
25' Radius
30' Radius
ST
1 R 95'
2 O 92'
3 Y 89'
4 B 84'
5 P 80'
6 R 74'
Proposed
Sople Area
Proposed Gravel Drive
Proposed Shared
Driveway
Easement
150.4
150.4
S02°59'25"E 272.69 Total
181.7
30' Setback (P.B. 61, Pg. 72)
26' Proposed
Gravel Driveway
10'X70'
Sight Triangle
10'X70'
Sight Triangle
15' Landscape Roadway Yard
1 Tree and 10 Shrubs for every 50 Feet
Overhead Power Lines
25' Radius
25' Radius
Concrete
15" CMP
X=0.7'
X=1.3'
X=2.2'
X=2.7'
E.O.P.
67.63
111.13
S70°54'30"W 199.06 Total
E.O.P.
Buffalo Shoals Road
60' Public R/W
GRAPHIC SCALE
50
0
25
50
100
(IN FEET)
1 inch = 50 ft.
Right
Right
Right

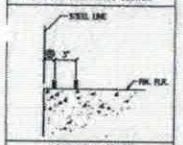

Buffalo Shoals Road
Proposed Site
Lot 1
Proposed New
Lot 2
Driveway Concrete
GRAPHIC SCALE
Site Plan
for
R & L Constructors, LLC.



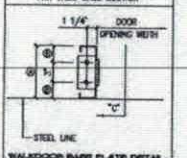
SECTION "A"
BASE SECTION



SECTION "B"
OVERHEAD DOOR BASE SECTION

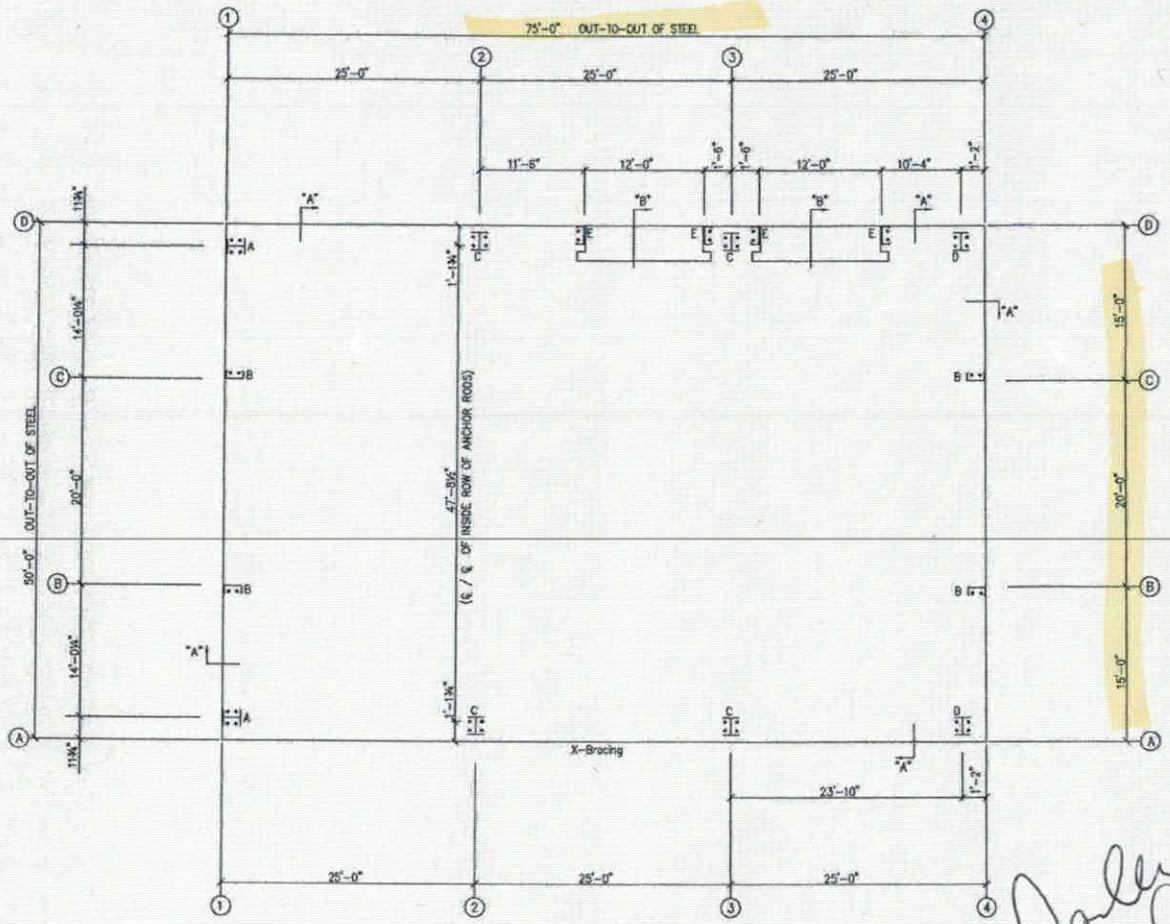


SECTION "C"
F.O. JAMB BASE SECTION

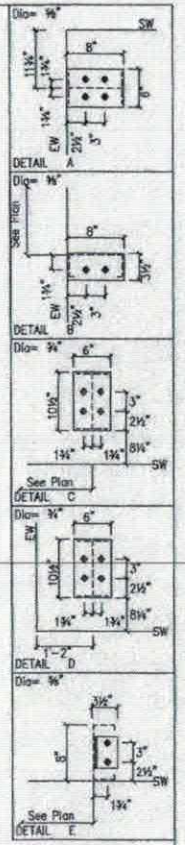


WALKDOOR BASE PLATE DETAIL

A, RODS 1/2" ø	BASE B THK. 1/4"		
Ckt. Width	Walk Door Frame Ⓐ	Dim. Ⓑ	Ramp Width Ⓒ
8"	8"	2 1/2"	11 1/2"
10"	10"	2 1/2"	1'-1 1/2"
12"	12"	4 1/2"	1'-3 1/2"



ANCHOR ROD PLAN
NOTE: All Base Plates @ 100'-0" (FINISH FLOOR)(UNLESS NOTED)

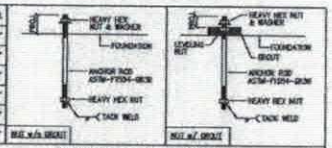


ANCHOR RODS HAVE BEEN DESIGNED FOR SHEAR AND TENSION LOADS ONLY, PER APPENDIX D OF ACI 318-08.

DESIGN OF SHEAR ANGLES, TENSION PLATES, HAIRPINS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER AND PROVIDED BY OTHERS.

ANCHOR ROD PROJECTION IS FROM BOTTOM OF BASE PLATE, UNLESS GROUT IS REQUIRED.

DIA.	PROJ.
5/8"	1 1/2"
5/8"	2"
3/4"	2 1/2"
7/8"	3 1/2"
1"	3 1/2"
1 1/4"	3 1/2"



ANCHOR RODS (BY OTHERS)

These drawings and the metal building they represent are the product of Schulte Building Systems– 17600 Bodtke Road, Hockley, Texas, 77447. The engineer whose seal appears hereon is employed by Schulte Building Systems and is not the engineer of record for this project.

DRAWING STATUS

- ☐ FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
- ☐ FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT AS A DIMENSIONAL PIECE WARRANTIES ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
- ☒ FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS				
NO.	DATE	DESCRIPTION	BY	CK'D
0	2/16/19	PERMIT FOR CONSTRUCTION	TM	TM
1	3/11/19	RESUBMIT PERMIT FOR CONSTRUCTION	DN	SW

PREMIER
PREMIER BUILDING SYSTEMS, INC.

DESCRIPTION	ANCHOR ROD PLAN
SIZE	REFER TO CT
PROJECT	Randy Wilson Project
STREET	170 VANCE PO RD
LOCATION	STATESVILLE, NC 28625
CAD BY	TM
DRAWN BY	CAJ
DATE	2/16/19
SCALE	N.T.S.
JOB NO.	147347
SHEET NO.	F1 of 2
ISSUE	1

DSN. APR.
APR.

NORTH CAROLINA PROFESSIONAL SEAL 14332 ENGINEER JEDSON D. SMITH 3/15/19

Carlos C. Cain 4-26-19

IREDELL COUNTY

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

APPLICATION NUMBER
242176
Issue Date: 02/22/2019

ZONING PERMIT
Commercial

Parcel Number	Street Address	Jurisdiction
4722282003.000	1650 BUFFALO SHOALS ROAD, STATESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: R & L CONSTRUCTORS LLC	Applicant: R & L CONSTRUCTORS LLC
Address: PO BOX 6658	Address: PO BOX 6658
STATESVILLE, NC 28687	STATESVILLE, NC 28687
Phone:	Phone:

Use Requested	Zone Code
3750 SQ FT RETAIL BUILDING FOR WOODWORKING AND MORE, INC	NB

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
3.950	30.00	30.00	10.00	10.00	PACL	X

Remarks:

ALL PAKRING AND LANDSCAPING MUST BE INSTALLED PRIOR TO A ZONING FINAL AND CO; ANY CHANGES TO THE SITE PLAN MUST BE APPROVED

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	168569	TOTAL FEES:	$ 177.25