ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 311964

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

PIN # 4722666080

APPLICANT/OWNER: Cornerstone III Properties APPLICANT ADDRESS: 113 E Wilson Ave Unit 6 Clarkton NC 28433

SITE ADDRESS: 162 Lippard Springs Cir Statesville NC 28677 PHONE: 704-577-4002 ALT. PHONE

SITE DIRECTIONS: Old Mountain Rd, Purple Hill Drive, Lippard Springs Circle SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Lippard Springs SECTION: LOT # 129 LOT AREA: .814 Ac DESIGN FLOW: 360 L.T.A.R.: .25

Septic Tank	1000	(gal)	STB 760	Date	11-2-22	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☐ Residence	No. Bedrooms 3
Pump Tank	-	(gal)	PT -	Date	-	System Description:	Gravity - 25% Reduction			☐ Business	No. Persons 6
Pump Make		Model	-	Serial #	-	Repair System Description:	Drip			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	364	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36 in	Trench Bottom Depth(Low side)	26 in	Gravel Depth	-		☒ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas

LSS # 231 . Dated Dec 2nd 2021.

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.

Installed as shown

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.* N/A ☒ **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. 1-28-22 Installed by: Galbe

IMPROVEMENT PERMIT by: Date 1/31/2022 OPERATION PERMIT by: Sydney Holland Date: 1/3/23

AUTHORIZATION TO CONSTRUCT by: Date: 1/31/2022 Existing System Inspected by: Date:

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

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 311964

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

PIN # 4722666818 80

APPLICANT/OWNER: CornerStone III Properties APPLICANT ADDRESS: 118 E. Wynston Ave, Unit 6 Charlotte NC 28203

SITE ADDRESS: 162 Lipped Spring Circle Statesville NC 28677 PHONE: 704-577-4002 ALT. PHONE —

SITE DIRECTIONS: Old Mountain Rd, Rumple Hill Drive, Lipped Spring Creek SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Lipped Spring SECTION: — LOT # 129 LOT AREA: .81 Acre DESIGN FLOW: 360 L.T.A.R.: .25

Septic Tank	1000	(gal)	STB		Date		☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	Gravity - 25% Reduction			
Pump Make	—		Model	—	Serial #	—	Repair System Description:	DnD			
# Nitrification Fields	1	# Lines	4	Linear Ft	364		Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36 in.	Trench Bottom Depth(Low side)		26 in	Gravel Depth	—	☑ 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:

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas

LSS # 231 Dated Dec 2nd 2021.

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.

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**

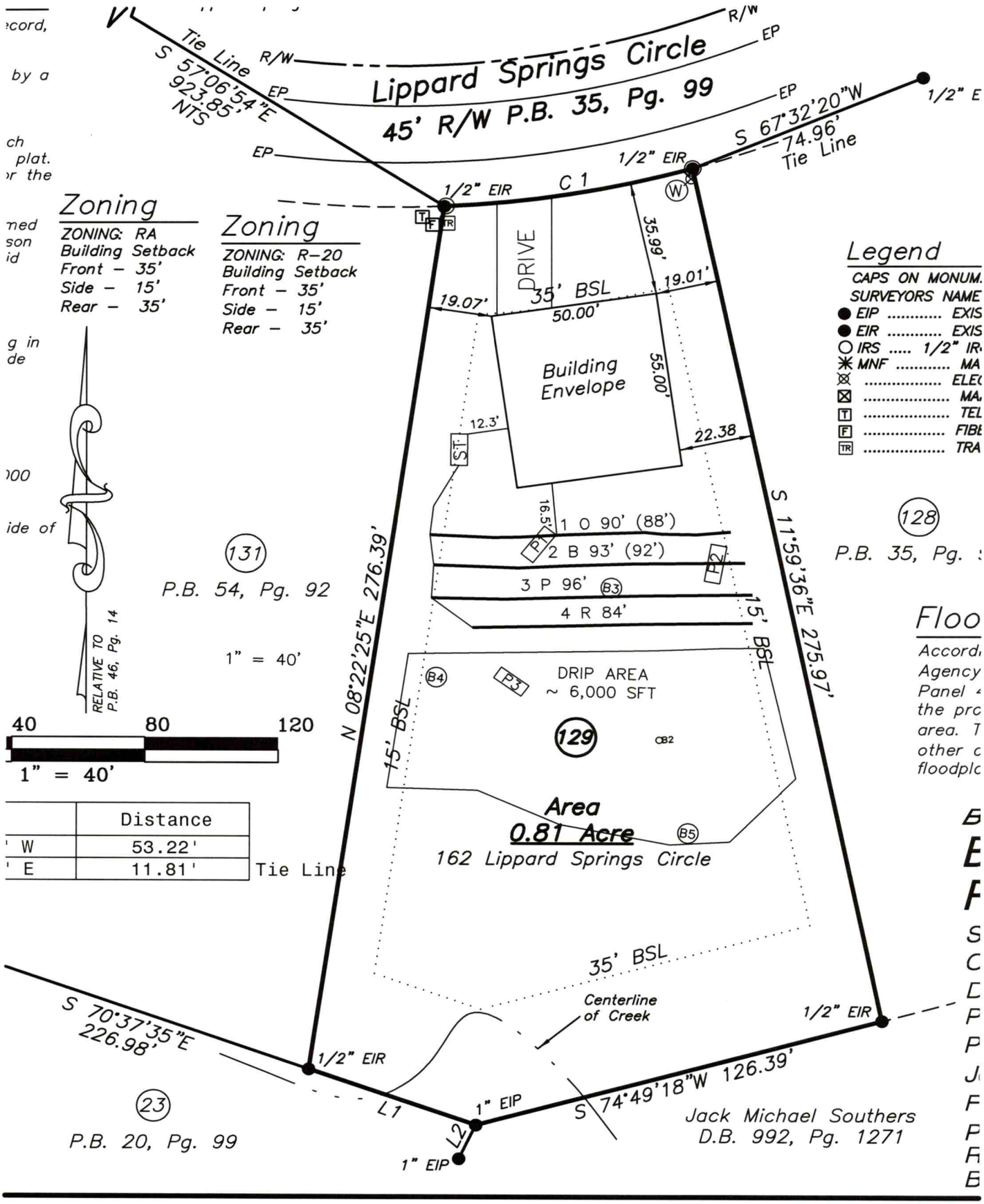
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* N/A ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date. 1-28-22 Installed by:

IMPROVEMENT PERMIT by: Benjamin A Bell Date 1/31/2022 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Benjamin A Bell Date: 1/5/2022 Existing System Inspected by: Date:

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


Lippard Springs Circle
45' R/W P.B. 35, Pg. 99
R/W
EP
Tie Line
S 57°06'54"E
923.85'
NTS
S 67°32'20"W
74.96'
Tie Line
1/2" EIR
C 1
DRIVE
35' BSL
35.99'
19.01'
19.07'
50.00'
Building Envelope
55.00'
12.3'
22.38
16.5'
1 O 90' (88')
2 B 93' (92')
3 P 96'
4 R 84'
DRIP AREA
~ 6,000 SFT
129
Area
0.81 Acre
162 Lippard Springs Circle
N 08°22'25"E 276.39'
S 11°59'36"E 275.97'
15' BSL
15' BSL
35' BSL
Centerline of Creek
S 70°37'35"E
226.98'
L1
L2
1" EIP
S 74°49'18"W 126.39'
Jack Michael Southers
D.B. 992, Pg. 1271
P.B. 20, Pg. 99
23
131
P.B. 54, Pg. 92
128
P.B. 35, Pg.
RELATIVE TO P.B. 46, Pg. 14
1" = 40'
40
80
120
1" = 40'
Zoning
ZONING: RA
Building Setback
Front – 35'
Side – 15'
Rear – 35'
Zoning
ZONING: R-20
Building Setback
Front – 35'
Side – 15'
Rear – 35'
Legend
CAPS ON MONUM.
SURVEYORS NAME
EIP ..... EXIS
EIR ..... EXIS
IRS ..... 1/2" IR
MNF ..... MA
..... ELE
..... MA
..... TEL
..... FIB
..... TRA
Floo
Accord
Agency
Panel
the pro
area. T
other c
floodpl
Distance
W 53.22'
E 11.81'
Tie Line

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant: Rock Star Capital Dev Group LP

Address: 10333 Windy Trail
Bentonville, AR 72712
Phone: 704.577.4002
County: Iredell
Location: 162 Lippard Spring Circle
Statesville NC 28677
Source of Wastewater Flow: 3 Bedroom Single Family Residence
Estimated Gallons Per Day Flow: 360
System Flow: N/A

Design Specifications

Drainfield Size: 364
Loading Rate (gpd/ft.^{2}): 0.25
Depth of Gravel in Trench: N/A
Gravel Size: N/A
Max.Trench Depth (LOW SIDE): 26 in. Repair Trench Bottom 6 in.
Trench Width: 36 in.
Septic Tank Size: 1000

Estimated Supply Line Length: 24
Supply Line Diameter: 4 in. SCH 40 PVC
Supply Line Volume: 15.67
Dosing Volume: N/A
Supply Manifold: N/A
Supply Manifold Length: N/A
Supply Manifold Volume: N/A

Recommended Float Controls: N/A

Recommended Control Panel: N/A

Pressure Head: N/A
Friction Head: N/A
Elevation Head: N/A
Total Dynamic Head: N/A

Threaded Union: N/A
Gate Valves: N/A

Check Valves: N/A
Anti-Siphon Hole: N/A
Additional Comments: Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA

162 Lippard Spring Circle

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	360
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.25
TOTAL AREA TRENCH BOTTOM:	1080
TOTAL LATERAL LENGTH:	360
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	360
SUPPLY LINE LENGTH:	24
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1000

Layout Specifications - 162 Lippard Spring Circle

Project #: 20-0119

LAYOUT FOR 3 BEDROOM HOME

December 2, 2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***ORANGE***					***90***	***88***
2	***BLUE***					***93***	***92***
3	***PINK***					***96***	***96***
4	***RED***					***84***	***84***
5	DRIP. IRRIG.					~6,000 SFT	~6,000 SFT
					Total	363	360

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
**** System***	***360***	***0.250***	***ACCEPT.***	***0.250***	***25% RED***	***GRAVITY***
Repair	~6,000 SFT	0.100	DRIP IRRIG.	0.100	DRIP IRRIG.	LOW PRESSURE

Notes:

**All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

**Nitrification lines were located by tape measures & GPS.

**Property lines, corners & house were located by a Professional Land Surveyor.

CALCULATIONS

Location	162 Lippard Springs Circle Statesville, NC 28677	
Project Number	20-0119	
Lot No:	129	
No. of Bedrooms	3	
Design Flow	360	$^{gal}/_{day}$
LTAR	0.250	$^{gal}/_{ft^2\,day}$
PPBPS? (YES OR NO)	NO	
Supply Line Length	24	ft.
Supply Line Volume	15.672	gal.
Required Feet of Line	360	ft.
Amount of Line from Layout	360	ft.
Gallons per Minute	N/A	$^{gal}/_{min}$
Required Septic Tank Capacity	1000	gal.
Septic Tank Size	1000	gal.
Panel Volume	N/A	gal.
# of Panels	N/A	
Dosing Volume	N/A	gal.
Tank Draw Down	N/A	
Pump Run Time		
Elevation Head	N/A	ft.
Pressure Head	N/A	ft.
Friction Factor	N/A	ft./100 ft. *(From the interpolater.)*
Friction Head	N/A	ft.
Total Dynamic Head (+15%)	N/A	ft.

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

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

Sheet 1 of 2
PROPERTY ID #: 1722666880
COUNTY: Iredell

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

OWNER: Rock Star Capital Development Group LP — APPLICATION DATE
ADDRESS: 10333 Windy Trail, Bentonville AR 72712 — DATE EVALUATED: 2609
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360 gpd — PROPERTY SIZE: 0.81
LOCATION OF SITE: 160 Lippard Spring Circle Statesville NC 28677 Lot 129 — PROPERTY RECORDED: Yes
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
P 1	L/10%	0-10	BCL wsbk	Fr SS SP SEXP		55	–	–	PS 0.275 - 0.25
		10-55	RBC wfsbk/Mbk	F SS P SEXP	Few Mags.				
P 2	L/10%	0-10	BCL wsbk	Fr SS SP SEXP		45	PS	–	PS 0.275 - 0.25
		10-29	RC wmAbk	Fr SS P SEXP					
		29-45	RCL vwsbk	Fr SS SP SEXP	C.SAP				
		45-60	VAR. L. MASS	Fr SS SP SEXP	Few Clay Inclu.				
P 3	L/10%	0-28	RC wfsbk	F SS P SEXP	Few Mags.	60	–	–	PS 0.25
		28-60	RYC vwfsbk	F SS P SEXP	Cn. 2's @ 50"				
P 4	L/8%	0-8	BSL Gr	Fr SS SP SEXP		52	–	–	PS 0.25 - 0.275
		8-38	RC mfAbk/sbk	F SS SP SEXP					
		38-52	RY wmsbk	F SS P SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted 25%	Drip
Site LTAR	0.25	0.1

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

LICENSED SOIL SCIENTIST Samuel A. Rollans

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4722066820
DATE OF EVALUATION: 2009
COUNTY: Iredell

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 2	L/8%	0-38	RBC wmsbk/Abk	Fr SSSP SEXP	Ch.R 2's @ 43"	48"	—		PS 0.25 to 43"
		38-48	YRSC wfsbk/Abk	Fr SS SP SEXP					
B 3	L/8%	0-48	RC mfsbk/Abk	Fr SS SP SEXP	Few SAP Inch.	48"	—	—	PS 0.275
B 4	L/8%	0-12	RBC mfsbk	Fr SS SP SEXP	Ch.R 2's @ 34"	37"	-	54"	I>S 0.25 to 34"
		12-37	YRSC wmsbk	Fr SS SP SEXP					
B 5	L/7%	0-12	RB cl wfsbk	Fr SSSP SEXP	-f-c [illegible] 20+ Chr 2's @ 26"	30	—	—	PS-26 0.1
		12-30	BRC/cl wfsbk/Abk	" " " "					

COMMENTS:

AP

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0119
December 2nd, 2021

CORNERSTONE III PROPERTIES
Attn: *Matt Oljeski*
Email: matt@cornerstone3p.com

RE: Soil & Site Evaluation for a 3 Bedroom Residence at 162 Lippard Springs Circle, Statesville NC 28677, PIN # (4722666880), Iredell County.

Mr. Oljeski:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above. The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittal to Iredell County Health Department.

Site Conditions
At the time of our evaluation land cover on the property was partially cleared on the front half of the property and wooded near the creek. Topography within the evaluated area was moderate slope near the house site and proposed drainfield area. Property corners were marked at the time of the evaluation by Ted Benbow Land Surveying. The Surveyor provided an Autocad File of the survey as a basemap. The proposed septic layout was located via measuring tape/GPS and used to produce the attached *Site Plan*. The house envelope located via survey. The Survey from Ted Benbow is attached to our design.

Methodology
We evaluated soil areas through the use of pits and hand augers. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with three pits and four borings locations on the property and located via tape measure/GPS. All of the pits/soil borings are located in the proposed septic layout or drip area. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems". *Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each boring. An on-ground layout of system was performed using a laser level. Pin flag locations of the layout were also located by tape measure and GPS. The drip repair area was based upon square footage. Detailed system & repair information is summarized in the following paragraph for this Lot.

162 Lippard Springs Circle (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 363 linear feet of line. The primary system is proposed as 360 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth (Low Side) is specified at 26 inches. The repair system is proposed as 6000 Square Feet of Innovative (Drip Irrigation) drainfield with low pressure distribution. Trench depth is specified at 6 inches.

Session Law Requirements

An LSS Evaluation may be submitted in conjunction with a complete application to the LHD. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c).".

Owner Date

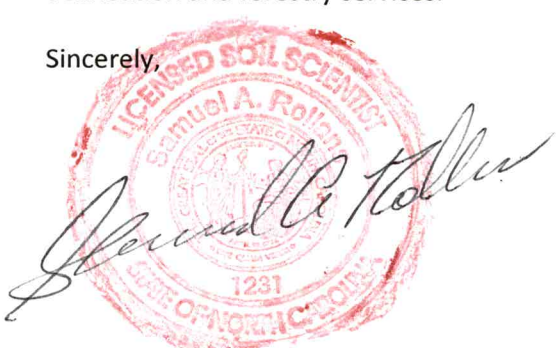
Print Name Pam Harding / Buller River Devlp. 12/3/21
Signature Pam Harding

The LSS Evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

"The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c)."

Disclaimer
This report reflects the findings of S&FS, PA. *This LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).* Any site modifications that impact the proposed septic areas at 162 Lippard Springs Circle, Statesville, NC 28677 may nullify this design. System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,



S. Ashley Rollans, LSS
Attachment: *Septic Design*

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Attached is a proposed design for an Accepted Septic System with gravity dist. for a 3 bedroom single family residence at 162 Lippard Springs Circle, Lippard Springs Subdivision PIN#(4722666880) Statesville 28677, Iredell County, NC.

Contents: **Page**

Information for the Installer---------- 1

Design Information
- Design Specifications---------- 2-3
- Layout Specifications---------- 4

Site Plan/System Plan---------- 5

Calculations---------- 6

Profile Descriptions---------- 7-8

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Agent Authorization---------- 11

Green Sheet---------- 12

Survey---------- 13

LICENSED SOIL SCIENTIST
Samuel A. Rollins
1231
STATE OF NORTH CAROLINA

December 2, 2021
Project #: 20-0119
Design By: Soil & Forestry Services of the Carolinas, PA

INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by NC DHHS, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity 25% reduction (Accepted) installation.
- Repair is specified as a low pressure drip irrigation installation.

Session Law
Rec'd 12/16/2021

AP 311964

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM PD. $500.00 12/16/20

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() 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)**

Applicant Name: Cornerstone III Properties **Address:** 118 E Kingston Ave, Unit 16, Charlotte NC **Zip:** 28203
Applicant Email: matt@cornerstone3p.com **Phone:** 704.577.4002 **Alt. Phone:** ____
Owner Name: Buller River Dev Partners **Address:** P.O. Box 5008 Statesville NC **Zip:** 28687
Owner Email: ____ **Phone:** ____ **Alt. Phone:** ____

Property Information:

Street Address: 162 Lippard Springs Circle, Statesville NC 28677
Subdivision Name: Lippard Springs **Section/Phase:** — **Lot Number:** 129
Driving Directions: Old Mountain Rd, Rumple Hill Dr., Lippard Springs Circle.

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: 3
Maximum Number of Occupants: 6
( ) Swimming Pool
( ) Other Addition/Structure: ____

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

Non-Residential Site Development: Type of Business: ____
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: ____
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (✓) Other: Accepted

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: Samuel A Koller
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

12/2/21
DATE

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

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, Buller River Dev Partners LP/Rock Star Capital Dev Group, am the legal owner(s) of the property located at 162 Lippard Springs Circle, Statesville NC 28677, identified as PIN (Parcel Identification Number) 4722066880, located in Iredell County, North Carolina.

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

* [signature] 4/1/21
Signature of Owner(s) Date

Stan Pawley 4/7/21
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

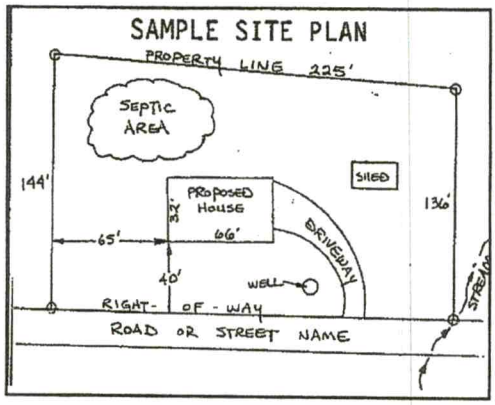
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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)

12/2/21
DATE



Notice

* Property subject to any easements and right of way on record, and all NCDOT easements and rights of way.

* This survey is subject to any facts that may be disclosed by a full and accurate title search.

* This survey plat does not show any unrecorded, written or unwritten easements, dedications or other encumbrances. Such burdens could exist on this property and not appear on this plat. Accordingly, users of this plat are warned to remain alert for the existence of such unrecorded burdens not shown hereon.

* This plat was drawn for the exclusive use of the party named hereon. Said certificates do not extend to any unnamed person without an express recertification by the surveyor naming said person.

* This plat represents an actual field survey that meets or exceeds the minimum requirements of a Class C Survey in accordance with the Standards of Practice for Land Surveying in North Carolina according to North Carolina Administrative Code Title 21, Chapter 56, Section 1600.

* The ratio of precision before any adjustments is 1:10,270.

* Area determined by coordinate computations.

* No NGS or NCGS Horiz. Control Monument found within 2,000 feet of the site.

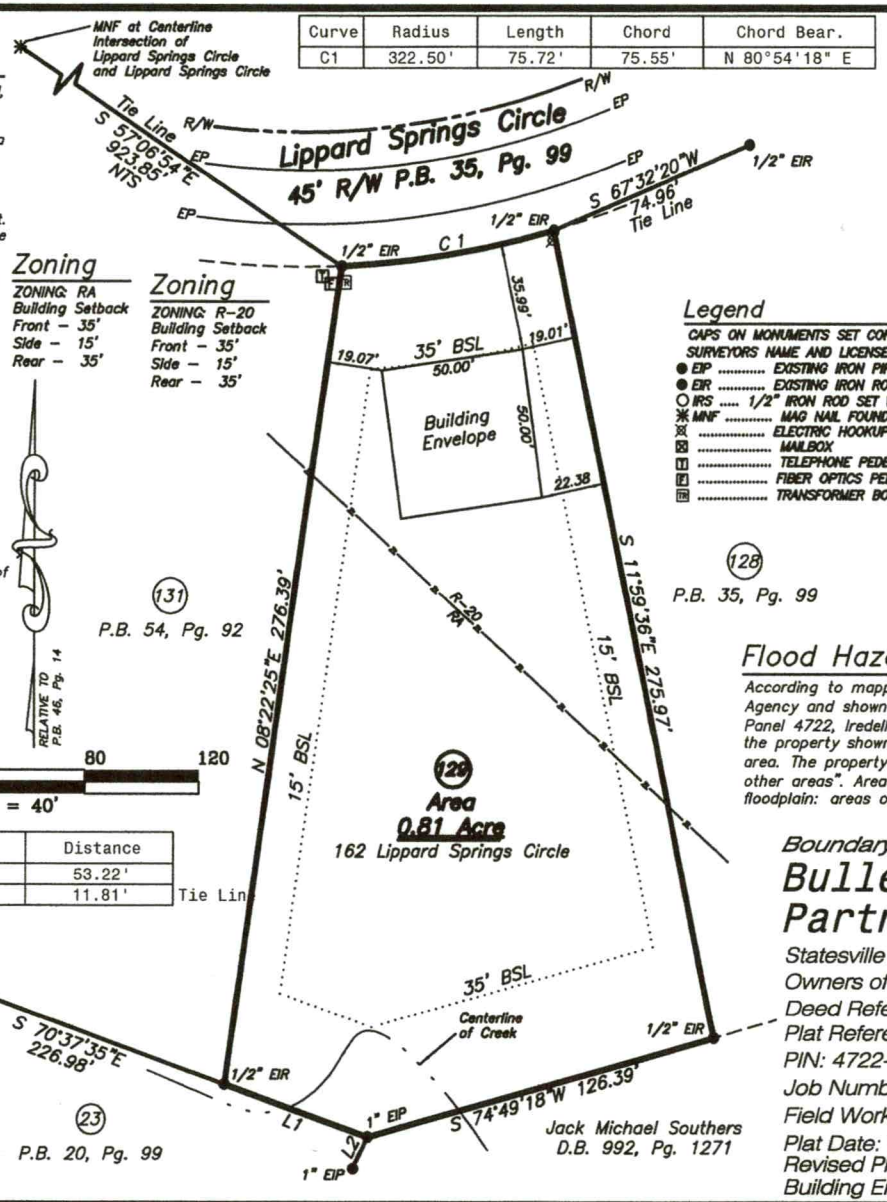
* There is a 10' Drainage and Utility Easement along each side of all lot lines.

Witness this my original signature, registration number and seal this _____ day of _____, 2020 A.D.

Ted M. Benbow NC PLS L-3175
Firm License # C-1588

NORTH CAROLINA PROFESSIONAL SEAL L-3175 LAND SURVEYOR TED M. BENBOW

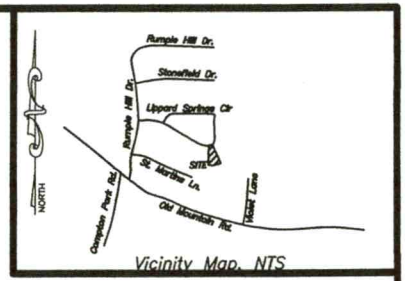
TED BENBOW
Land Surveying
Proudly Surveying Iredell County
Since 1989
630 SIGNAL HILL DRIVE EXT., STATESVILLE, NC 28625
PHONE (704) 878-9661
www.boundarydevelopment.com



Curve	Radius	Length	Chord	Chord Bear.
C1	322.50'	75.72'	75.55'	N 80°54'18" E

Course	Bearing	Distance
L1	N 70°37'35" W	53.22'
L2	N 25°24'48" E	11.81'

Tie Lin



Legend

CAPS ON MONUMENTS SET CONTAIN THE SURVEYORS NAME AND LICENSE NUMBER.

- EIP ..... EXISTING IRON PIPE AS SHOWN
- EIR ..... EXISTING IRON ROD AS SHOWN
- IRS ..... 1/2" IRON ROD SET WITH YELLOW CAP
- MNF ..... MAG NAIL FOUND
- ..... ELECTRIC HOOKUP
- ..... MAILBOX
- ..... TELEPHONE PEDESTAL
- ..... FIBER OPTICS PEDESTAL
- ..... TRANSFORMER BOX

Legend

- RCP ..... REINFORCED CONCRETE PIPE
- EP ..... EDGE OF PAVEMENT
- R/W ..... RIGHT OF WAY
- PIN ..... PARCEL IDENTIFICATION NUMBER
- NTS ..... NOT TO SCALE
- BSL ..... BUILDING SETBACK LINE
- LINE NOT SURVEYED
- LINE SURVEYED
- ZONING LINE
- SURVEYED LINE NOT TO SCALE

Flood Hazard Area Certificate

According to mapping provided by the Federal Emergency Management Agency and shown on the Digital Flood Insurance Rate Map (DFIRM) Panel 4722, Iredell County, North Carolina, effective date: 3/18/2008, the property shown hereon is not located within a special flood hazard area. The property is entirely within an area designated "Zone X - other areas". Areas determined to be outside the 0.2% annual chance floodplain: areas outside future conditions 1% annual chance floodplain.

Boundary Survey For:

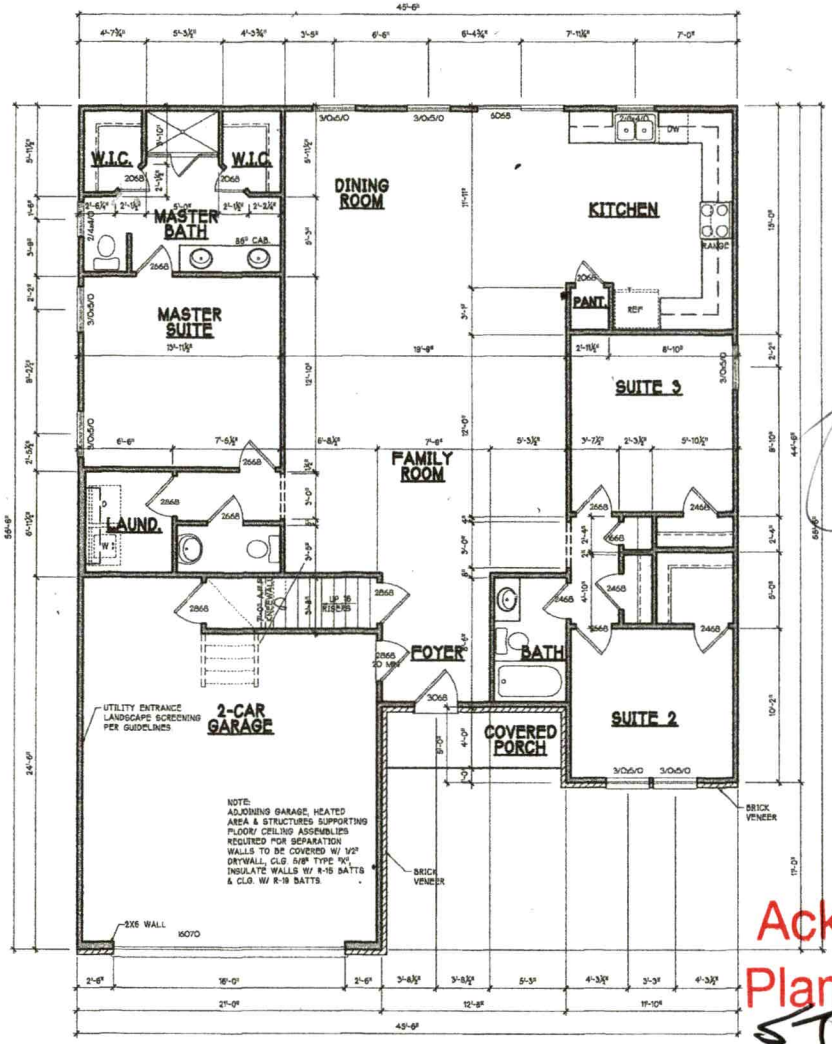
Buller River Development Partners, LP

Statesville Outside Township, Iredell County, NC
Owners of Record: Danny M. Ervin
Deed Reference: D.B. 2467, Pg. 2210
Plat Reference: P.B. 46, Pg. 14
PIN: 4722-66-6880
Job Number:2009165.DWG (2009165.CRD)
Field Work: 9-30-2020
Plat Date: 10-2-2020
Revised Plat Date: 12-10-2020 to Show Building Envelope

X 162 LIPPARD X

LOT 129

45-6



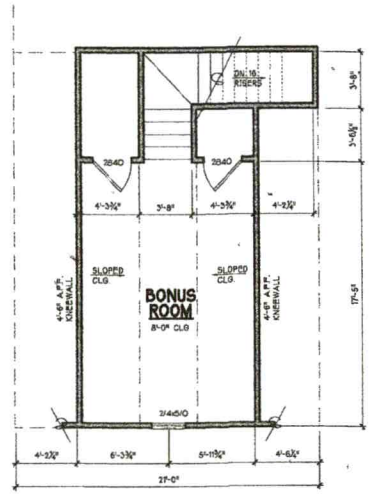
1 4.0 ELEVATION "C" FIRST FLOOR PLAN

SCALE: 1/8"=1'-0" (17"X11" SHEET SIZE)
SCALE: 1/4"=1'-0" (35"X23" SHEET SIZE)

45-6

55-6

55-6



2 4.0 SECOND FLOOR PLAN

SCALE: 1/8"=1'-0" (17"X11" SHEET SIZE)
SCALE: 1/4"=1'-0" (35"X23" SHEET SIZE)

FIRST FLOOR NOTES:

- FULL 4" OR 6" EXTERIOR WALL WERE USED IN DETERMINING DIMENSIONS ON PLANS.
- FRAMERS SHALL START ALL WALL LAYOUTS FROM THE REAR OF THE HOUSE
- ALL ANGLED WALL ARE 45 DEGREES OR 90 DEGREES UNLESS NOTED OTHERWISE.
- ALL OVERALL DIMENSIONS SHALL BE FROM OUT TO OUT OF FRAMING, INTERIOR DIMENSIONS SHALL BE FROM ONE SIDE OF STUD
- ALL INTERIOR DOORS ARE 4" FROM WALL UNLESS NOTED OTHERWISE
- WHEN HOUSE IS REVERSED, WASHER AND DRYER HOOKUPS TO REMAIN ORIENTED WITH WASHER ON LEFT AND DRYER ON RIGHT
- MASTER MOUNTS SHALL BE PLACED ON ALL EXTERIOR LIGHTS AND HOSE BIBBS.
- FRAMED CAVITY WALLS (IE. TUBS, SHOWERS, STAIRS & FIREPLACES) SHALL BE INSULATED WITH AIR BARRIER PER ENERGY CODE.
- ANY WINDOW W/ A SILL OF LESS THAN 24" AFF, OR EQUAL TO OR GREATER THAN 72" BFF. MUST HAVE WOOD & MAY BE SUBJECT TO FALL PROTECT RULE.
- ALL SHEETROCK OPENING SHALL BE 12" BELOW CEILING TYP., U.N.O.
- ALL PANTRY/LINEN SHALL HAVE (5) 12" SHELVES TYP., U.N.O.

Acknowledgement Of Plans Submittal ONLY!

Stan Presley Date 5/10/21

Date 1/6/22

SQUARE FOOTAGE:

1ST FLR:	1859 SQ. FT.
2ND FLR:	325 SQ. FT.
TOTAL HEATED:	2184 SQ. FT.
FRONT PORCH:	44 SQ. FT.
TOTAL UNHEATED:	44 SQ. FT.
2-CAR GAR:	479 SQ. FT.
TOTAL UNDER ROOF:	2707 SQ. FT.

CORNERSTONE III PROPERTIES
4509 FAITH CHURCH RD
INDIAN TRAIL, NC 28079
(704) 577 - 4002

PROJECT TITLE
ST. CHARLES RESIDENCE

PROJECT NUMBER
ISSUE DATE

DRAWING DATA
DRAWN BY: CORNERSTONE III
CHECKED BY: STAN PRESLEY
FILE NUMBER: 20-335T.CHARLES

SHEET TITLE
ELEV. "C" FLOOR PLAN

SHEET NUMBER
4.0C