ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 313567

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

PIN # 3783338779 --

APPLICANT/OWNER: Cornerstone III Properties

APPLICANT ADDRESS: 118 E Kingston Ave Unit 16 Charlotte NC 28203

SITE ADDRESS: 139 Slate Drive Statesville NC 28625

PHONE: 704-577-4002 ALT. PHONE -

SITE DIRECTIONS: I-40 Shown School Rd Walnut Tree Rd Primrose Slate on Left

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: River Rock

SECTION: 2 LOT # 30 LOT AREA: .94 AC

DESIGN FLOW: 360 L.T.A.R.: .25

Septic Tank	1000	(gal)	STB	760	Date	9-1	☒ 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:	Gravity 25% Reduction			
# Nitrification Fields	1	# Lines	4		Linear Ft	360	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36	Trench Bottom Depth (Maximum)		36 in max	Gravel Depth	-		☒ 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:

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:

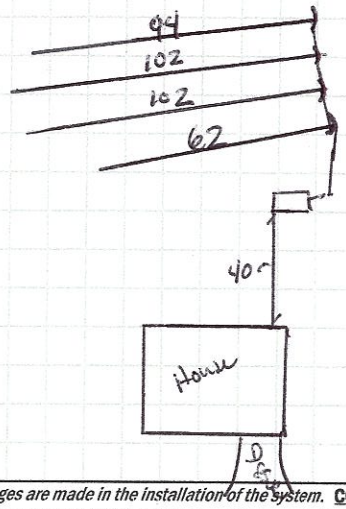
Soil & Forestry Services of the Carolinas, PA

LSS # 1231 Dated 5/5/2021

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.

NTS



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**

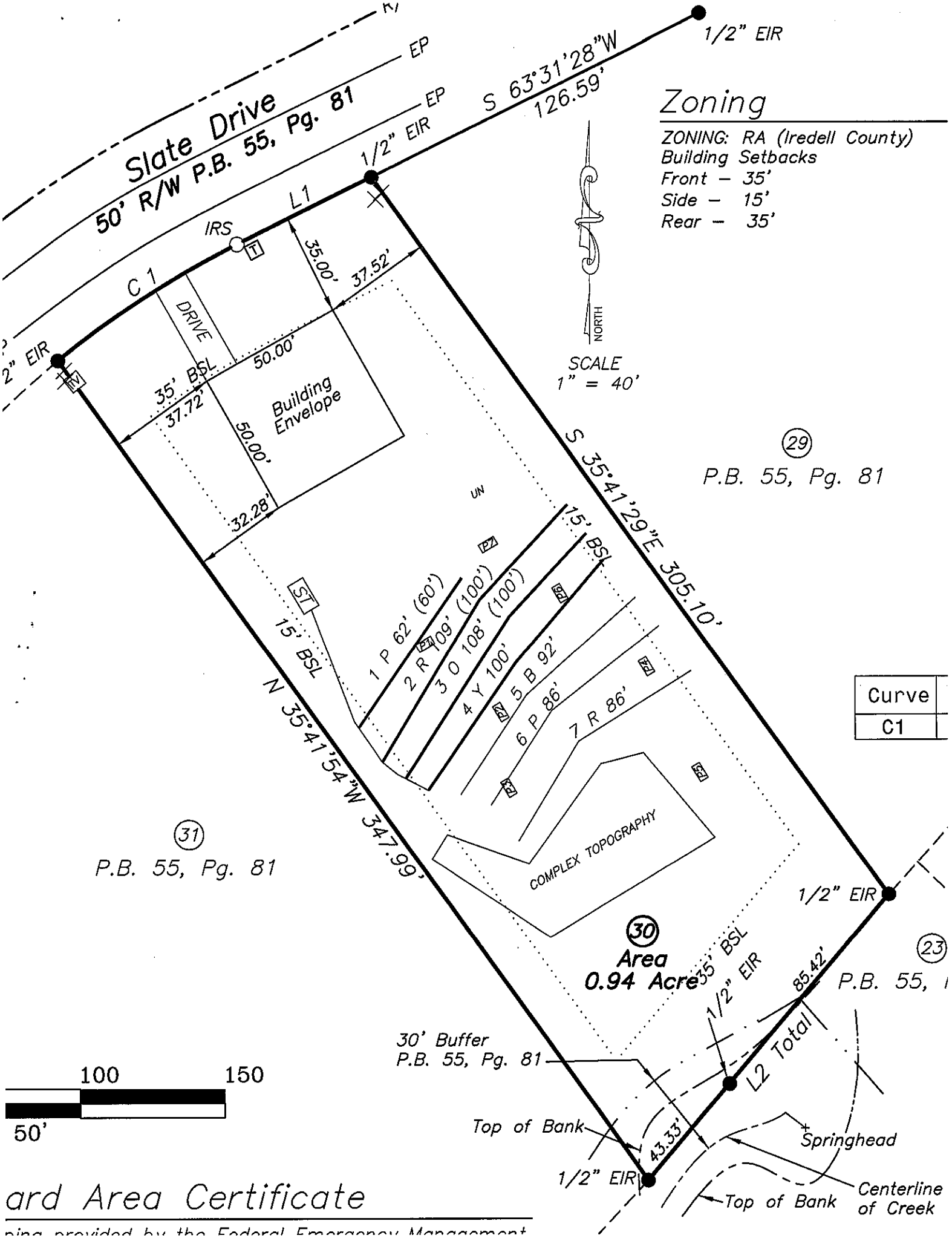
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Stan Mell Date: 6/11/21 Installed by: Lute Wastewater

IMPROVEMENT PERMIT by: Benjamin Bell Date: 6/2/2021 OPERATION PERMIT by: ICHD Date: 10-27-2021

AUTHORIZATION TO CONSTRUCT by: Date: 6/11/21 Existing System Inspected by: Date:

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



Zoning

ZONING: RA (Iredell County)
Building Setbacks
Front – 35'
Side – 15'
Rear – 35'

Curve
C1

ard Area Certificate

ping provided by the Federal Emergency Management

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0119
May 5th, 2021

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

RE: Soil & Site Evaluation for a 3 Bedroom Residence at 139 Slate Drive, Statesville NC 28625, PIN # (3783338779), 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 open (thick vegetation) with remainder wooded for the soil evaluation but cleared by the time the septic layout was performed. Topography within the evaluated area was gentle slope near the house site and moderate slope near the 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 was provided on a survey and rough pinned. The Survey from Ted Benbow is attached to our design.

Methodology
We evaluated soil areas through the use of backhoe pits. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with seven pit locations on the property flagged and located via GPS. Six of the seven backhoe pits are located in or adjacent to the proposed septic layout. 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 pit. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by tape measure and GPS. Detailed system & repair information is summarized in the following paragraph for this Lot.

139 Slate Drive (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 643 linear feet of line. The primary system is proposed as 360 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 36 inches. The repair system is proposed as 200 linear feet of PPBPS (50% Reduction) drainfield with gravity distribution. There is 264 linear feet available for repair. Trench depth is specified at 36 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_____
Signature_____ _____

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 139 Slate Drive, Statesville, NC 28625 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*

139 Slate Drive (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 643 linear feet of line. The primary system is proposed as 360 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 36 inches. The repair system is proposed as 200 linear feet of PPBPS (50% Reduction) drainfield with gravity distribution. There is 264 linear feet available for repair. Trench depth is specified at 36 inches.

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"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 Tom Burrell

Signature Tom Burrell

5/4/21

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 139 Slate Drive, Statesville, NC 28625 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 139 Slate Dr., Lot 30, River Rock Subdivision PIN#(3783338779) Statesville 28625, 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
Septic Application	9-10
Agent Authorization	11
Green Sheet	12
Survey	13

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

May 5, 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 gravity 50% reduction Modified Conv. PPBPS installation.

GRAVITY ACCEPTED SYSTEM
FOR WASTEWATER TREATMENT

Owner/Applicant:	Cornerstone III Properties
Address:	118 E. Kingston Ave. Unit 16 Charlotte, NC 28203
Phone:	704.577.4002
County:	Iredell
Location:	139 Slate Dr. Statesville NC 28625
Source of Wastewater Flow:	3 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	360
System Flow:	N/A

Design Specifications

Drainfield Size:	360	
Loading Rate (gpd/ft.^{2}):	0.25	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Max.Trench Depth:	36 in.	Repair Trench Bottom 36 in.
Trench Width:	36 in.	
Septic Tank Size:	1000	

Estimated Supply Line Length:	43
Supply Line Diameter:	4 in. SCH 40 PVC
Supply Line Volume:	28.08
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

Layout Specifications - 139 Slate Dr

Project #: 20-0119

LAYOUT FOR 3 BEDROOM HOME

May 5, 2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***PINK***					***62***	***60***
2	***RED***					***109***	***100***
3	***ORANGE***					***108***	***100***
4	***YELLOW***					***100***	***100***
5	BLUE					92	92
6	PINK					86	86
7	RED					86	86
					Total	643	624

	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	264	0.300	MOD. CONV.	0.300	PPBPS	GRAVITY

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.

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 1:33,999.

* Area determined by coordinate computations.

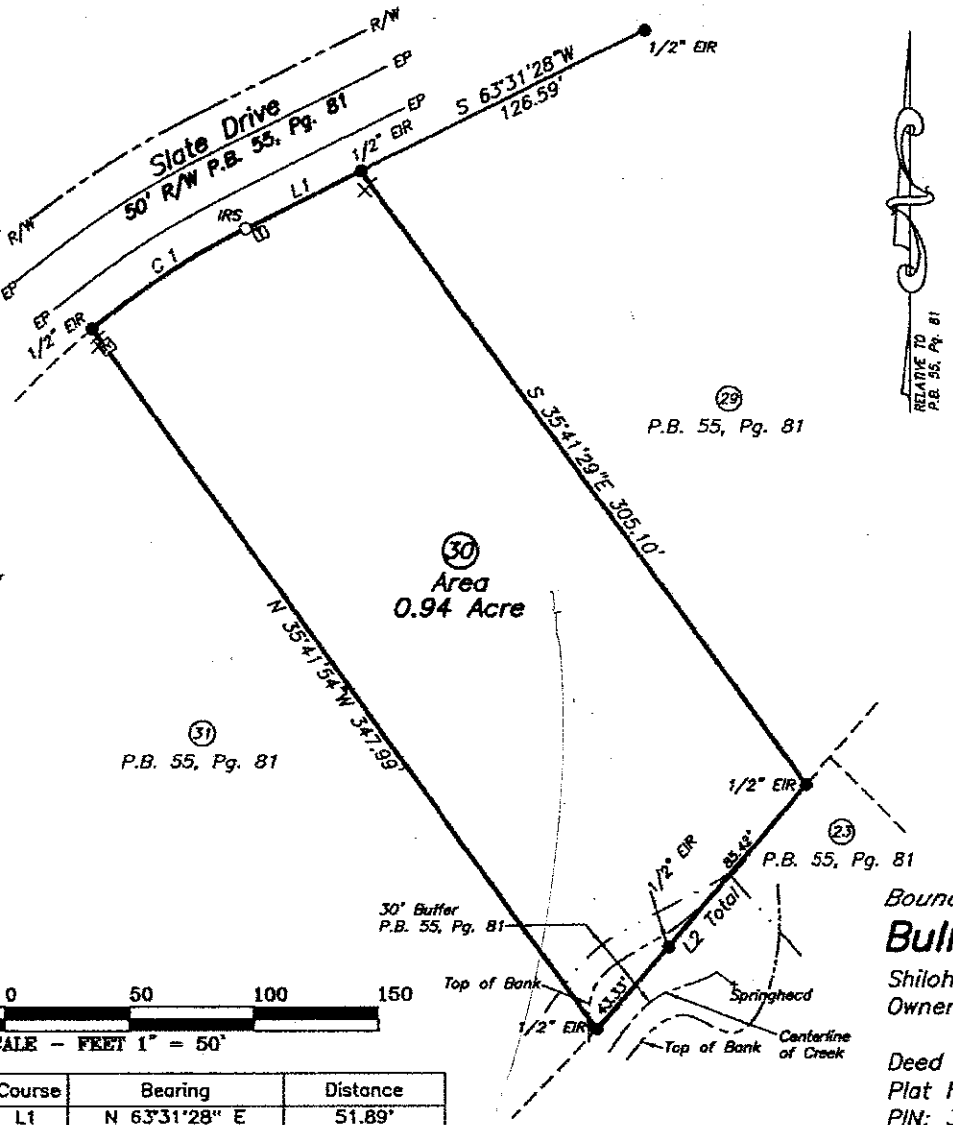
* No NGS or NCGS Horiz. Control Monument found within 2,000 feet of the site.

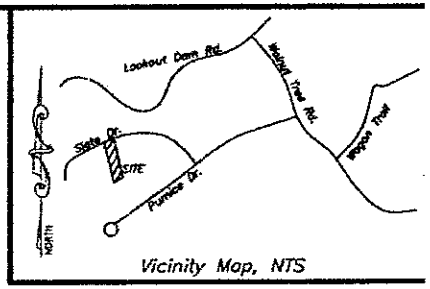
* There is a 10' Drainage and Utility Easement along each side of all lot lines.

Witness this my original signature, registration number and seal this 24 day of SEPT, 2020 A.D.

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

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





Vicinity Map, NTS

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
- ..... ELECTRIC HOOKUPS
- ..... TELEPHONE PEDESTAL
- ..... CATV PEDESTAL
- EP ..... EDGE OF PAVEMENT
- R/W ..... RIGHT OF WAY
- PIN ..... PARCEL IDENTIFICATION NUMBER
- NTS ..... NOT TO SCALE
- ---- LINE NOT SURVEYED
- ———— LINE SURVEYED

Zoning

ZONING: RA (Iredell County)
Building Setbacks
Front - 35'
Side - 15'
Rear - 35'

50 0 50 100 150
GRAPHIC SCALE - FEET 1" = 50'

Course	Bearing	Distance
L1	N 63°31'28" E	51.89'
L2	S 40°16'41" W	128.75'

Curve	Radius	Length	Chord	Chord Bear.
C1	325.00'	73.96'	73.80'	N 56°55'39" E

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

Boundary Survey For:

Buller River Development

Shiloh Township, Iredell County, NC
Owners of Record: John T. Smith
and wife, Jennifer W. Smith
Deed Reference: D.B. 2350, Pg. 901
Plat Reference: P.B. 55, Pg. 81
PIN: 3783-33-8779
Job Number:2009162.DWG (2009162.CRD)
Field Work: 9-21-2020
Plat Date: 9-24-2020

CALCULATIONS

Location 139 Slate Dr
Statesville, NC 28625
Project Number 20-0119

Lot No: 30

No. of Bedrooms 3

Design Flow 360 $^{gal}/_{day}$

LTAR 0.250 $^{gal}/_{ft^2\,day}$

PPBPS? (YES OR NO) NO

Supply Line Length 43 ft.

Supply Line Volume 28.079 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

PROPERTY ID #: 3783338777
COUNTY: Iredell

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

OWNER: Buller River Dev. Partners LP
ADDRESS: 725 Cherry Rd #3234 Rock Hill SC 29732
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 139 Slate Dr. Statesville NC 28625
APPLICATION DATE
DATE EVALUATED: 04/15/2021
PROPERTY SIZE: 0.94
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/8-12%	0-10	BSL Gr	Fr SS SP SEXP	C. Gravel	65			PS .25
		10-55	BRC wmsbk/Mbk	Fr S P	Rock ~20% Litho. Colors				
		55-65	RBCL wfsbk	Fr SS SP	Few Wh. Rock				
P 2	L/15-20%	0-18	BSL Gr	Fr SS SP SEXP		63			PS .3
		18-23	BSCL wfsbk	Fr SS SP					
		23-53	BRC wmsbk/Abk	Fr SS P					
		53-63	RBCL wfsbk	Fr SS SP	Few SAP Inclu.				
P 3	L/18-22%	0-6	BSL Gr	Fr SS SP SEXP		67			PS .3
		6-13	RBSCL wfsbk	Fr SS SP					
		13-49	BRC wmsbk/Abk	Fr SS P					
		49-67	RBCL wfsbk	Fr SS SP	Few SAP				
P 4	L/18-22%	0-12	BSL Gr	Fr SS SP SEXP		67			PS .3
		12-17	RBCL wfsbk	Fr SS SP					
		17-53	BRC wmAbk/sbk	Fr SS P					
		53-67	RBCL wmsbk	F SS SP	Few SAP Inclu.				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	.25	.30
Site LTAR	Accepted 25%	Mod. Conv. PPBB/Gravity

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

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 #: 3783338779
DATE OF EVALUATION: 04/15/2021
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P5	L/18-22%	0-8	BSL Gr	Fr SS SP SEXP	- C. Fe Depl @ 30" Possible Clay Z's @ 35"	60			PS .25 to 35"
		8-45	BRC wmsbk/Ab K	Fr S P					
		45-60	R/C wmsbk	Fr SS SP	- C. Fe Depl Possible Clay Z's				
P6	L/8-10%	0-6	BSL Gr	Fr SS SP SEXP		60			PS .275
		6-17	BSCL wfsbK	Fr SS SP					
		17-46	BPC wmsbk	Fr SS SP					
		46-60	RBCL wmsbk	Fr SS SP					
P7	L/8-10%	0-12	BSCL wfsbK	Fr SS SP SEXP	- C. Gravel	60			PS .25
		12-60	BRSC/SCL wfsbk	Fr SS SP	- C. Gravel in 30% - C. Litho. Colors				

COMMENTS:

Session Law

RECEIVED MAY 12 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $500.00 AP-313567

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(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
(✓) 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: 139 Slate Dr., Statesville NC 28625
Subdivision Name: River Rock Section/Phase: P2 Lot Number: 30
Driving Directions: I-40, Sharon School Rd, Walnut Tree Rd, Pumice Dr., Slate Dr. 139 Slate Dr. will be on left.

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
( ) 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: _____ 5/5/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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, Catter River Dev Partners LP, am the legal owner(s) of the property located at 139 Slate Dr. Statesville NC 28625, identified as PIN (Parcel Identification Number) 3783387979, 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.

Dan Bernell 5/4/21
Signature of Owner(s) Date

Stan Presley 5/4/21
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

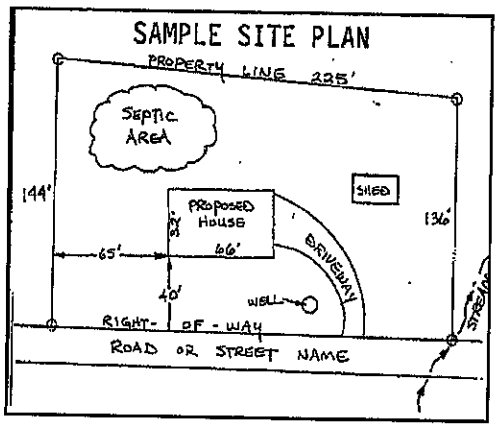
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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)

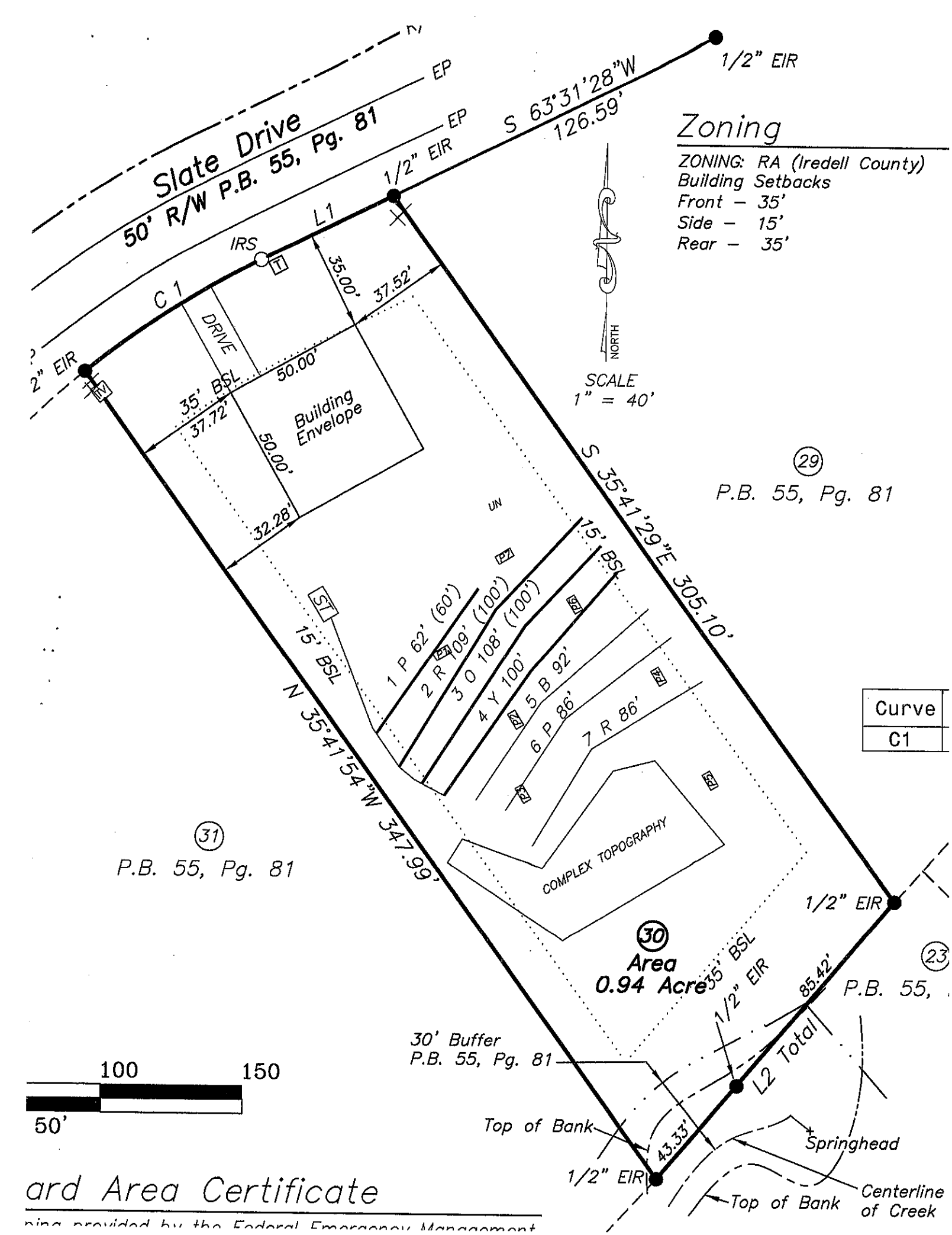
USE THIS SPACE TO DRAW YOUR SITE PLAN

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

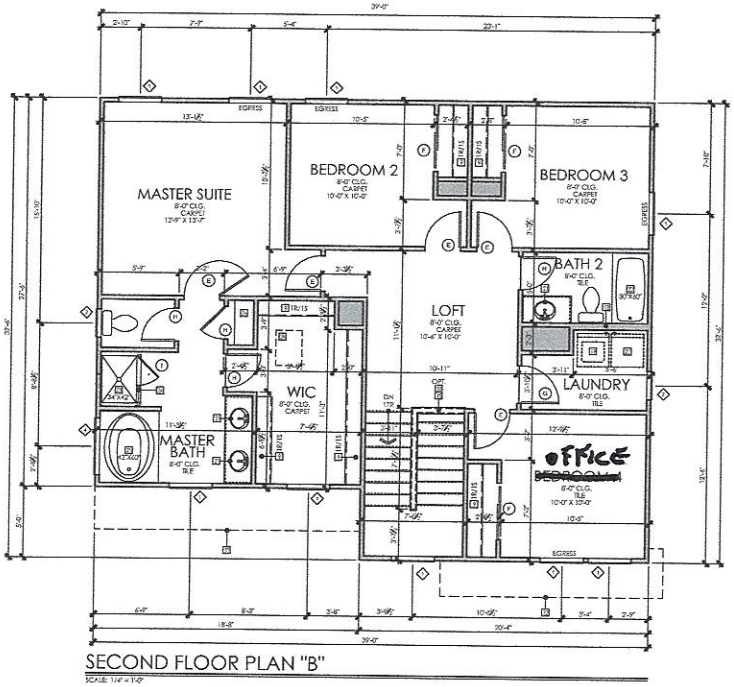
Signature: _____
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

5/5/21
DATE



ard Area Certificate

ping provided by the Federal Emergency Management

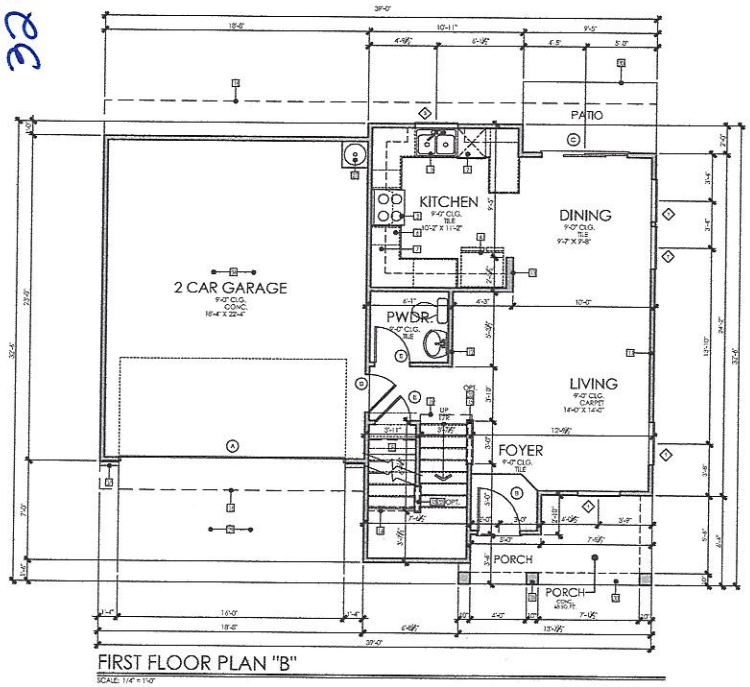


SECOND FLOOR PLAN "B"

SCALE: 1/4" = 1'-0"

32'-6"

39'-0



FIRST FLOOR PLAN "B"

SCALE: 1/4" = 1'-0"

FLOOR PLAN NOTES

1	DOUBLE BASIN SINK W/GARBAGE DISPOSAL-VERIFY DIMS. w/SPECS.
2	DISHWASHER-PROVIDE SURFACE MOUNT AIR GAP-VERIFY DIMS.w/SPECS.
3	RANGE WITH MICROWAVE HOOD ABOVE - VENT TO OUTSIDE AIR AND PROVIDE BACK DRAFT DAMPER - VERIFY DIMENSIONS WITH MFR. SPECS.
4	REFRIGERATOR/FREEZER SPACE W/ COLD WATER STUB-OUT FOR ICE MAKER RECESSED IN WALL
5	NOT USED
6	BASE CABINETS - REFER TO CABINET MANUFACTURER SHOP DRAWINGS
7	UPPER CABINETS-REFER TO CABINET MANUFACTURER SHOP DRAWINGS
8	NOT USED
9	SHELF AND POLE - PER PLAN
10	NOT USED
11	ALL EXTERIOR WALLS TO BE 2x6 STUDS AT 16" O.C. - U.N.O.
12	ALL INTERIOR WALLS TO BE 2X4 STUDS AT 24" O.C. - U.N.O.
13	2X6 STUDS AT 24" O.C. - U.N.O.
14	LOW WALL - REFER TO PLAN FOR HEIGHT
15	GUARDWALL - 36" ABOVE FINISHED FLOOR
16	LINE OF FLOOR ABOVE
17	LINE OF WALL BELOW
18	UTILITY SINK
19	WASHER SPACE - PROVIDE DRAIN PAN AND HOT AND COLD WATER SUPPLY WITH WASTE LINE RECESSED IN WALL
20	DRYER SPACE - PROVIDE SHEET METAL DRYER BOX WITH DRYER VENT - VENT RUN SHALL COMPLY WITH MANUFACTURER'S SPECS. AND I.M.C. AND LOCAL JURISDICTION.
21	VANITY SINK
22	TUB/SHOWER COMBO - TILE SURROUND
23	SHOWER - TILE SURROUND
24	SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE w/ DOOR
25	DROP-IN TUB w/ DECK
26	LINEN WITH (5) SHELVES
27	WATER HEATER - INSTALL PER MANUFACTURER'S SPECS.
28	22" x 30" ATTIC ACCESS
29	MOTOR COURT-SLOPE AWAY FROM STRUCTURE-REFER TO LANDSCAPE PLAN
30	CONCRETE PATIO - SLOPE AWAY FROM STRUCTURE
31	NOTE 10" WRAPPED POST - REFER TO ELEVATION
32	ROOF BELOW
33	GUARDRAIL - 36" ABOVE FINISHED WALKING SURFACE
34	GARAGE SLAB - REFER TO STRUCTURAL PLANS
35	MANUFACTURED STONE VENEER, PER SPEC.
36	SCREENED PORCH - ALUMINUM WIRE MESH w/ .011 DIAMETER
37	BRICK, PER SPEC.

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	QUANTITY	REMARK
DOOR SCHEDULE				
A	16'-0"	7'-0"	1	NON-INSULATED STEEL GARAGE DOOR
B	3'-0"	6'-8"	1	ENTRY DOOR W/ 12" TRANSOM WINDOW
C	6'-0"	6'-8"	1	SLIDING GLASS DOOR
D	2'-8"	6'-8"	1	SELF-CLOSING FIRE RATED DOOR
E	2'-4"	6'-8"	7	HOLLOW CORE PASSAGE DOOR
F	4'-0"	6'-8"	3	HOLLOW CORE BI-PASS DOOR
G	2'-8"	6'-8"	1	HOLLOW CORE PASSAGE DOOR
H	2'-4"	6'-8"	4	HOLLOW CORE PASSAGE DOOR
I	2'-0"		1	TEMP. GLASS SHOWER DOOR

WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	QUANTITY	REMARK
WINDOW SCHEDULE				
1	3'-0"	5'-0"	13	SINGLE HUNG - EGRESS
2	2'-0"	5'-0"	2	SINGLE HUNG
3	3'-0"	3'-0"	3	SINGLE HUNG
4	4'-0"	4'-0"	1	FIXED GLASS - TEMPERED

AREA CALCULATION

FIRST FLOOR (GROSS)	81193
SECOND FLOOR (GROSS)	169080
TOTAL GROSS LIVING AREA	250273
PORCH	7543
GARAGE	61824

Acknowledgement Of
Plans Submittal ONLY!

Date 6/14/21

Date 6/11/21

CHARLOTTE, NC

REVISIONS

FLOOR PLANS

-

BEDFORD
ELEVATION 'B'

CORNERSTONE III PROPERTIES
4509 Faith Church Road
Indian Trail, NC 28079

SHEET No. A1-2.0

DATE: 03-13-17

PLOTTED: May 15, 2017 / Karla / BEDFORD CD 05 11 17.DWG

IREDELL COUNTY · NC

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

APPLICATION NUMBER
313567 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
3783338779.000	139 SLATE DR	Iredell County

Owner Information	Applicant Information
Name: BULLER RIVER DEV PARTNERS LP Address: Phone:	Name: CORNERSTONE III PROPERTIES Address: 4509 FAITH CHURCH INDAIN TRAIL, 28 28203 Phone: (704)301-3229

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.94	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
sfd

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.

Signature of Owner/Contractor

Date: 12/21/2020

Permit Number	313567

TOTAL FEES:	$77.25