ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 315140

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

PIN # 4757-97-2268

APPLICANT/OWNER: Cornerstone III Properties APPLICANT ADDRESS: 118 E. Kingston Ave Charlotte, NC 28203

SITE ADDRESS: 1161 Dunlap Loop, Statesville NC 28625 PHONE: 704-301-3229 ALT. PHONE

SITE DIRECTIONS: 77(N) → exit 54 → (R) 21 → (R) Dunlap Gate → (L) Dunlap loop, lot on (L) SAP CONTROLLED: ☐ YES ☒ NO

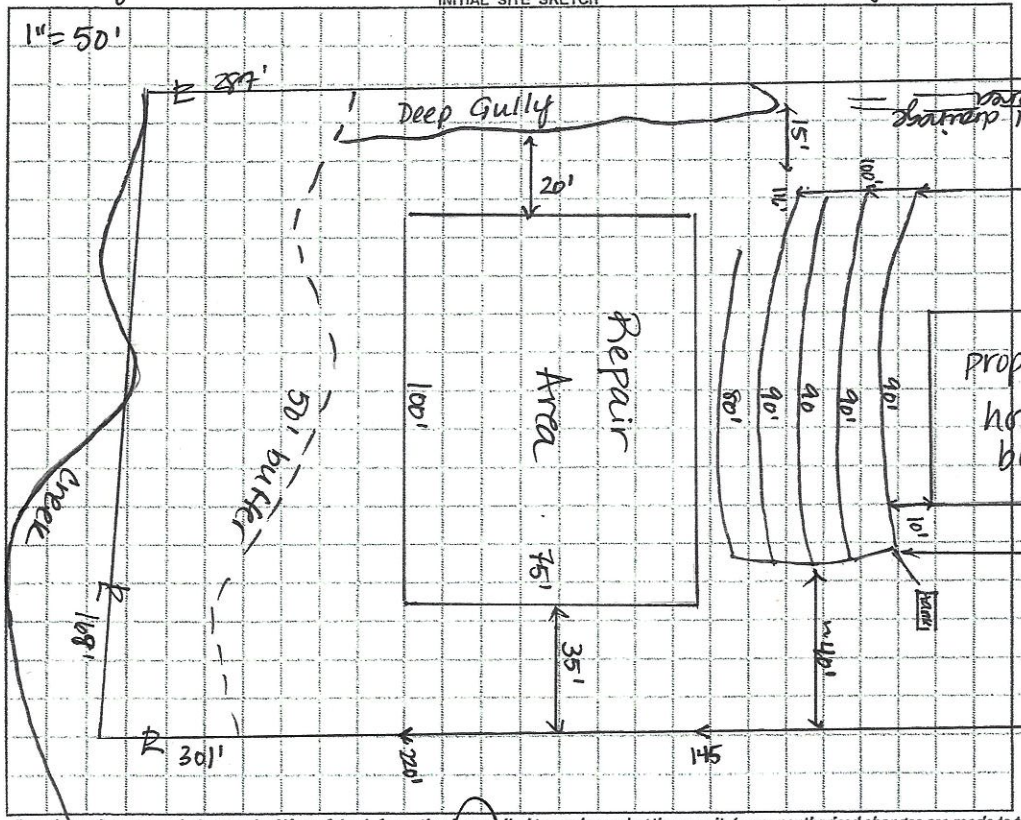
SUBDIVISION: Dunlap Gate SECTION: 1 LOT # 13 LOT AREA: 1.14 DESIGN FLOW: 480 gpd L.T.A.R.: 0.275(I) / 0.225(R)

Septic Tank	1000	(gal)	STB	760	Date	9-25-202	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	25% Reduction			
Pump Make			Model		Serial #		Repair System Description:	25% Reduction			
# Nitrification Fields	1		# Lines	5	Linear Ft:	440'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"		Trench Bottom Depth(Low side)	24"	Gravel Depth	N/A	☒ GRAVITY	☐ PRESSURE			

☒ Residence	No. Bedrooms	4	Water Supply
☐ Business	No. Persons	8	☐ Private
☐ Other	No. Employees		☒ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: Do not drive, park, pave, grade, drive, or bury utilities in drainfield. Install on contour of land, use serial distribution. Divert all drainage from drainfield areas. Maintain 15' off all gullies greater than 2' elevation change.

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: Stan Pugh Date: 5/26/21 Installed by: Lentz Woslucker

IMPROVEMENT PERMIT by: D. Mieberg Date: 5/13/21 OPERATION PERMIT by: Date: 12-2-2021

AUTHORIZATION TO CONSTRUCT by: D. Mieberg Date: 5/14/21 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.

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

Sheet 1 of 1
PROPERTY ID #: 4957-97-2268
COUNTY: Iredell

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

OWNER: Buller River Dev. — APPLICATION DATE: 3/10/21
ADDRESS: 7725 Cherry Rd Rock Hill SC 29732 — DATE EVALUATED: 5/5/21
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: 1.14
LOCATION OF SITE: 1101 Dunlap Loop, Statesville NC — 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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1 *	LS 30%	0-8	CL-SBK	SSP-FR-SEXP		Mica 18-52"			PS 0.3
		8-43	C-SBK	SSSP-FR-SEXP					
		43-52	CL SBK	SSSP-FR-SEXP					
2	LS 30%	0-19	CL-SBK	SSSP-FR-SEXP	Mn & small coarse fragments	34"+			PS 0.25
		19-51	C-SBK	SSP-FR SEXP					
		51-60	CL-SBK	SSSP-FR SEXP					
3	LS/FS 30%	0-7	SCL/O SBK	SSSP-FR.SEXP	Soil banded LB/RB throughout Heavy Mn, Parent material, weathered rock 37"+, chroma's - around rock	Lateral H2O @ 54"(HS)			PS 0.225
		7-16	CL-SBK	SSSP FR-SEXP					
		16-37	C-SBK	SSSP-FR-SEXP					
		37-60	CL-SBK	SSSP-FR. SEXP					
4 *	LS 30%	0-6	SCL/O-SBK	SSSP-FR-SEXP	Mn minor several small coarse frag LB/RB				P. 0.275 PS
		6-14	CL-SBK	SSSP-FR-SEXP					
		14-51	C-SBK	SSSP-FR-SEXP					
		51-60	CL-SBK	SSSP-FR-SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	440'	
System Type(s)	25% red	
Site LTAR	0.275	0.225

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

COMMENTS: 11" Slope Correction

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.

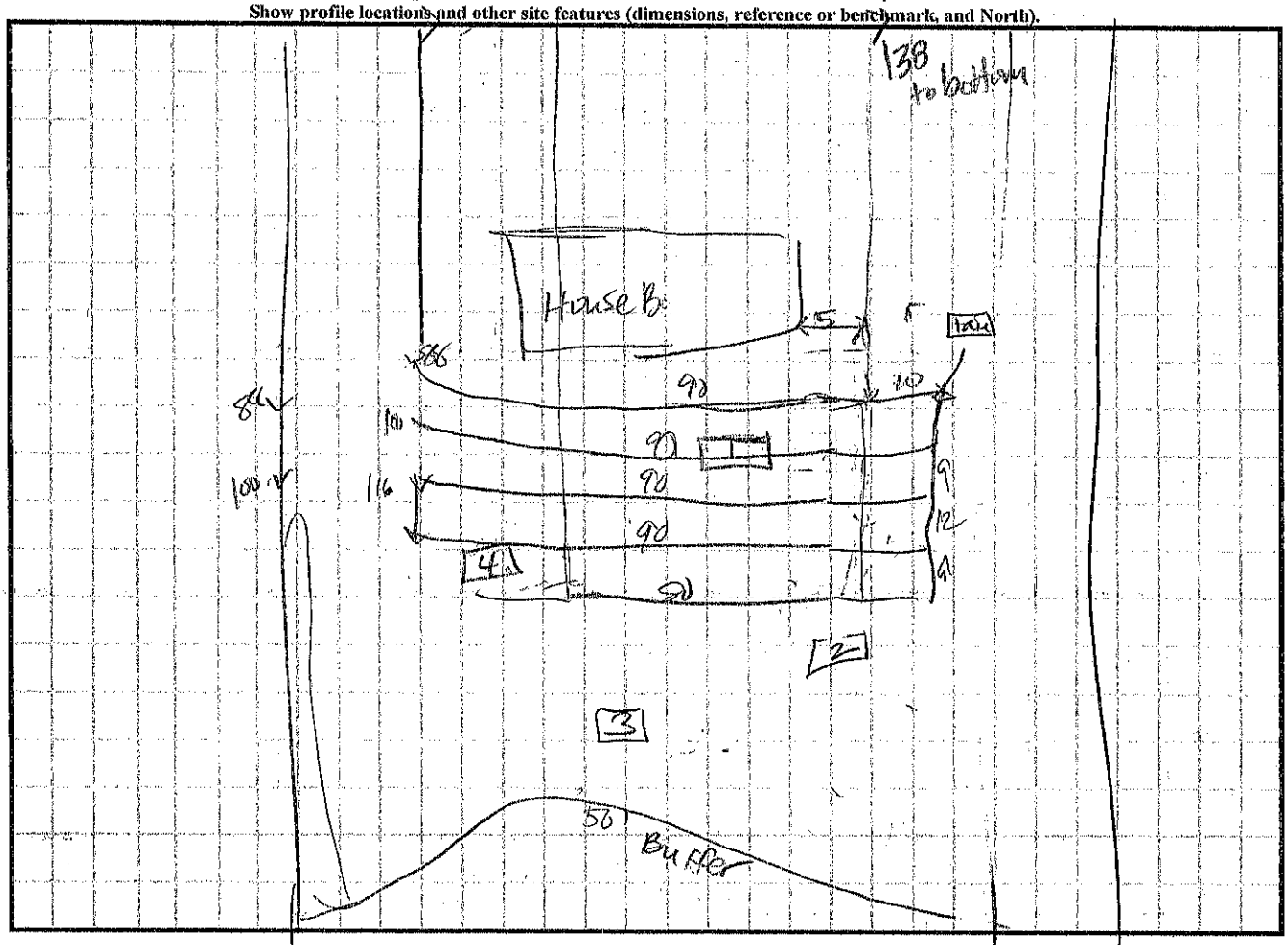
NOTES

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).



Wed 4/7 9:30 – needs re-marked

DELIVERED MAR 30 2021 RECEIVED MAR 10 2021

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

Iredell County Health Department – Environmental Health Division

SEPTIC PAGE 1: *APPLICATION FORM* AP-315140 $500.00

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: ( ) 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 EAST KINGSTON AVE, CLT. Zip: 28203
Applicant Email: STAN@CORNERSTONEJP.COM Phone: 704 301 3229 Alt. Phone: X
Owner Name: BUTLER RIVER DEVELP. Address: 725 CHERRY RD. Rock Hill SC Zip: 29732
Owner Email: N/A Phone: N/A Alt. Phone: N/A

Property Information:

Street Address: 161 Dunlap Loop 4757-97-2268
Subdivision Name: Dunlap Gate Section/Phase: _____ Lot Number: 13
Driving Directions: NORTH TORRENCE BURG HWY/RT. ON DUNLAP GATE RD / LEFT ON DUNLAP Loop

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

(✓) New Single Family Residence Maximum Number of Bedrooms: 4
( ) New Multi-Family Residence Maximum Number of Occupants: 4
( ) Accessory Building ( ) Swimming Pool
( ) Bedroom(s) Addition ( ) Other Addition/Structure: _____
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

CHECK FOUNDATION TYPE

(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: 1 Number of Persons: _____
( ) New Well ( ) Existing Well COUNTY WATER ( ) 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: _____

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: Stan Cumley 3/9/26
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

(Check and sign only ONE of the options below)

1. *** APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship* In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

2. I, PAM HARDING / BUFFER RIVER, am the legal owner(s) of the property located at 161 DUNLAP LOOP, identified as

PIN (Parcel Identification Number) 4757-97-2268 located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) STAN PRESSLEY / CORNERSTONE III _____, 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.

Pam Harding / Buffer River Development — 3/9/21

Signature of Owner(s) — Date

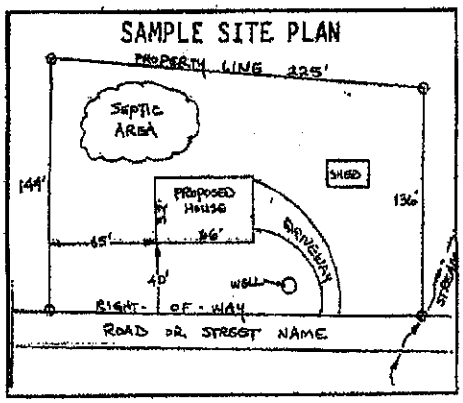
Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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:

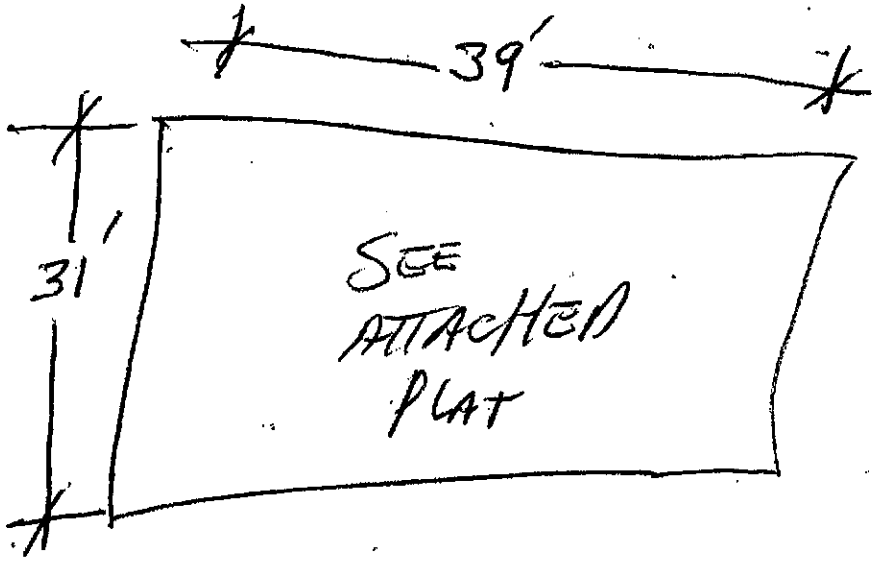
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- (X) Preferred well location
- (X) Preferred septic system location
- (X) North arrow, or other sufficient indicator 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



Signature: Stan Pearley

3/9/24

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

need buffer, Drip Line, Back property

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 4757, 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.

Notice

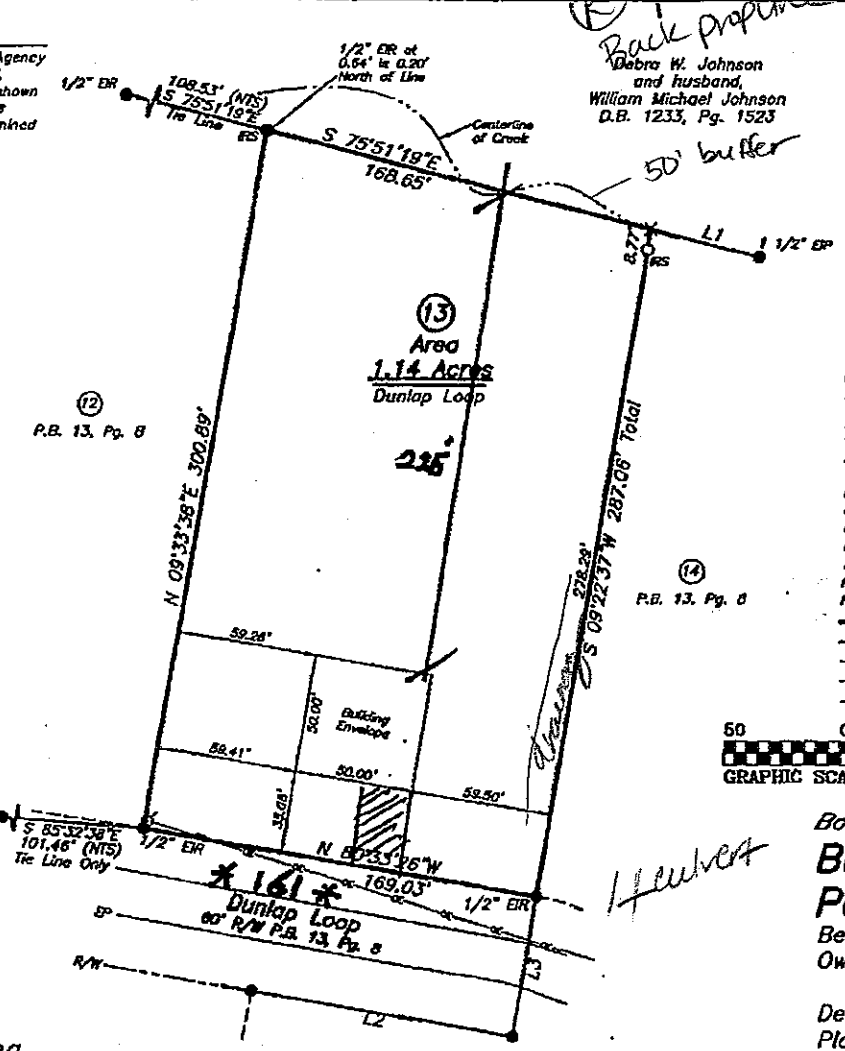
- *Property subject to any easements and right of way on record, and all NCDOT easements and rights of way.*
- *This survey is subject to any facts that may be disclosed by a full and accurate title search.*
- *This survey plat does not show any unrecorded, written or unwritten easements, dedications 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 1:18,923.*
- *Area determined by coordinate computations.*
- *No NGS or NCGS Horiz. Control Monument found within 2,000 feet of the site.*

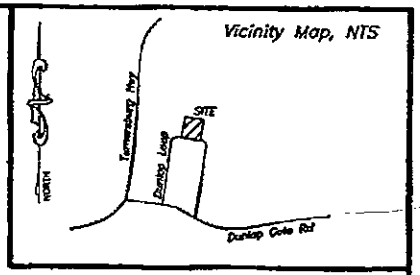
Witness this my original signature, registration number and seal this 30 day of Dec., 2020 A.D.

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





Legend

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

- IRS ..... 1/2" IRON ROD SET WITH YELLOW CAP
- EIP ..... EXISTING IRON PIPE AS SHOWN
- EIR ..... EXISTING IRON ROD AS SHOWN
- CP ..... COMPUTED POINT
- UTILITY POLE
- TELEPHONE PEDESTAL
- PIN ..... PARCEL IDENTIFICATION NUMBER
- CMP ..... CORRUGATED METAL PIPE
- CPP ..... CORRUGATED PLASTIC PIPE
- EP ..... EDGE OF PAVEMENT
- N/F ..... NOW OR FORMERLY
- R/W ..... RIGHT OF WAY
- NTS ..... NOT TO SCALE
- LINE SURVEYED
- TIE LINE SURVEYED
- LINE NOT SURVEYED
- RIGHT-OF-WAY LINE
- OE OVERHEAD UTILITY LINE

50 0 50 100 150
GRAPHIC SCALE – FEET 1" = 60'



Zoning

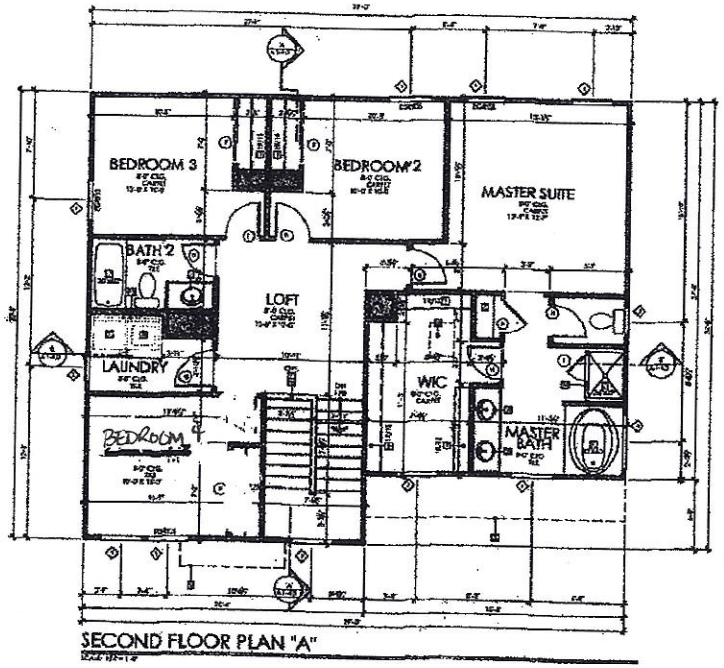
ZONING: RA (Iredell County)
Building Setbacks
Front – 35'
Side – 15'
Rear – 35'

Course	Bearing	Distance	
L1	N 75°51'19" W	47.83'	Tie Line
L2	S 80°26'51" E	112.16'	Tie Line
L3	N 09°20'02" E	60.00'	Tie Line Only

Boundary Survey For:

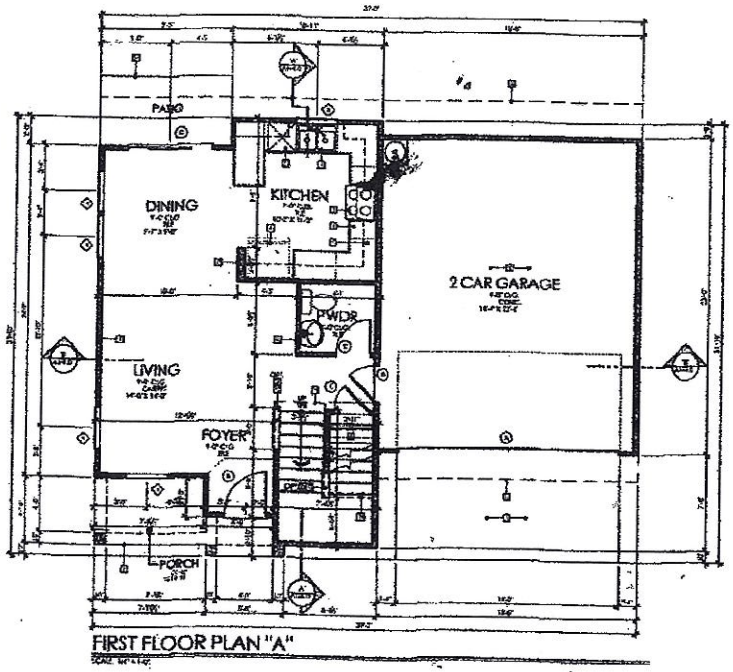
Buller River Development Partners, LP

Bethany Township, Iredell County, NC
Owners of Record: Rick S. Dyson and wife, Sarah M. Dyson
Deed Reference: D.B. 778, Pg. 857
Plat Reference: P.B. 13, Pg. 8
PIN: 4757-97-2268
Job Number:2012231.DWG (2012231.CRD)
Field Work: 12-30-2020
Plat Date: 12-30-2020



SECOND FLOOR PLAN "A"

39'



FIRST FLOOR PLAN "A"

FLOOR PLAN NOTES

1	
2	
3	
4	
5	NOT USED
6	
7	NOT USED
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	QUANTITY	REMARKS
DOOR SCHEDULE				
A	16'-0"	7'-0"	1	
B	3'-0"	6'-8"	1	
C	6'-0"	6'-8"	1	
D	2'-8"	6'-8"	1	
E	2'-6"	6'-8"	7	
F	2'-0"	6'-8"	2	
G	2'-8"	6'-8"	1	
H	3'-6"	6'-8"	4	
I	2'-0"		1	

WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	QUANTITY	REMARKS
WINDOW SCHEDULE				
1	3'-0"	5'-0"	13	
2	2'-0"	4'-0"	3	
3	3'-0"	3'-0"	2	
4	6'-0"	4'-0"	1	

AREA CALCULATION

FIRST FLOOR (HEATED)	1,153
SECOND FLOOR (HEATED)	1,099
TOTAL GROSS LIVING AREA	2,502 SF
PORCH	234
GARAGE	616 SF

Acknowledgement Of
Plans Submittal ONLY!

Date 5/21/21

Date 5/14/21

PLOTTED: May 13, 2017 / Kelly / BEDFORD CD 05 11 17.DWG

CHARLOTTE, NC

REVISIONS

FLOOR PLANS

BEDFORD
ELEVATION 'A'

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

SHEET NO.
A1-1.0R

DATE 05-13-17

IREDELL COUNTY · NC

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

APPLICATION NUMBER

315140
Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4757972268.000	161 DUNLAP LOOP	Iredell County

Owner Information	Applicant Information
Name: DYSON RICK S+SARAH	Name: CORNERSTONE III PROPERTIES
Address:	Address: 4509 FAITH CHURCH INDAIN TRAIL, 28 28203
Phone:	Phone: (704)906-6212

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0	35	35	15	15	N/A	NO

Remarks

SFD

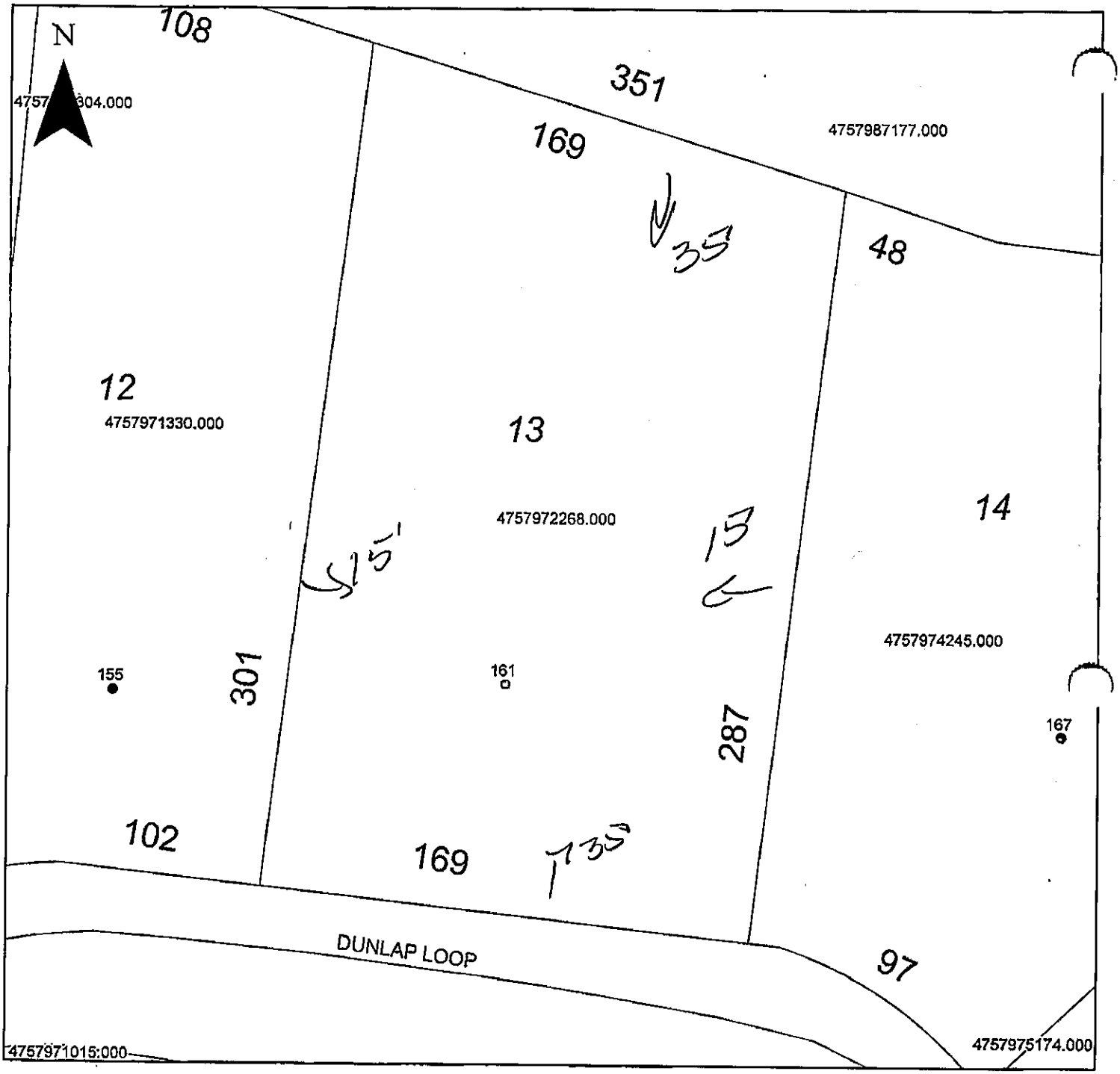
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, 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: 02/19/2021

Permit Number	315140	TOTAL FEES:	

ZONING DISCLAIMER



Property Address 161 Dunlap Loop

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. Applicant further acknowledges that the 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.

Stan Pruitt

Applicant

2/19/21

Date