ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BB BLPR-2023-26715

PERMIT # OSWP 2023-36514

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

PIN # 3795 -- 23 -- 7176 ✓

APPLICANT/OWNER: Extreme Construction Services LLC | APPLICANT ADDRESS: 191 Shepherds Bluff Dr, Mooresville, NC 28115

SITE ADDRESS: 179 Broken Arrow Dr, Statesville, NC 28677 ✓ | PHONE: (304) 377-4358 | ALT. PHONE –

SITE DIRECTIONS: Sharon School, (L) Mock Mill, (R) Broken Arrow | SAP CONTROLLED: ☐ YES ☑ NO

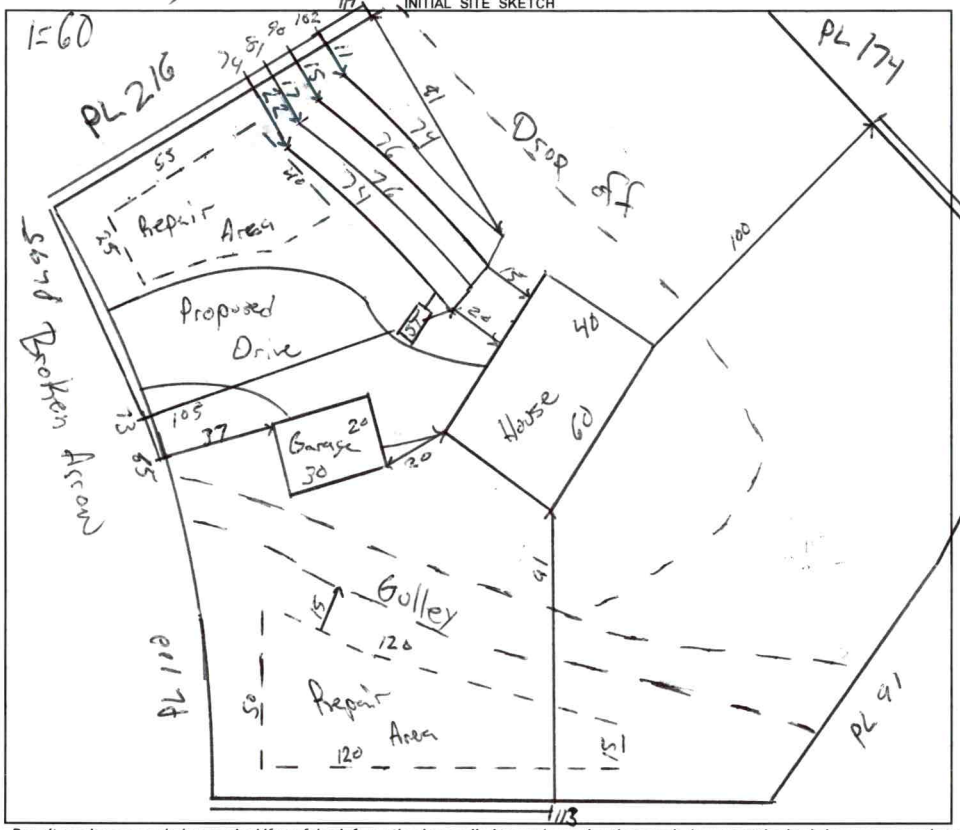
SUBDIVISION: Buffalo Shoals National Golf Club ✓ | SECTION: – | LOT # 13-14 ✓ | LOT AREA: 1.4644 | DESIGN FLOW: 360 | L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	Date 8-20-23	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT	Date	System Description: 25% Reduction Series		☐ Business	No. Persons 6
Pump Make	Model		Serial #	Repair System Description: 50% Reduction - LPP		☐ Other	No. Employees
# Nitrification Fields	1 # Lines 4		Linear Ft 300	Maintenance Agreement Required:	☐ YES ☑ NO	☑ Slab	☐ Crawl Space
Trench Width	36in Trench Bottom Depth(Low side) 22in		Gravel Depth N/A	☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

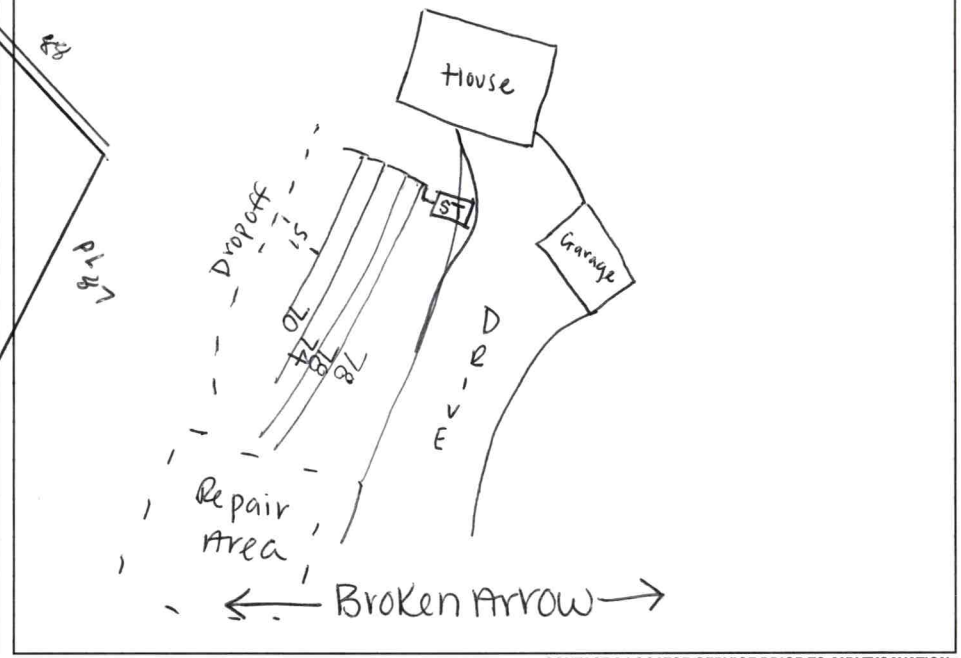
Comments / Conditions: Install on contour with off centers. End of first two lines could have Fill at the top of the ditch. Stay 15ft off house where lines are on a side slope. New redraw was needed due to line change, garage, and drive impending same repair. Do not drive, park or construct on septic area.

INITIAL SITE SKETCH



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**

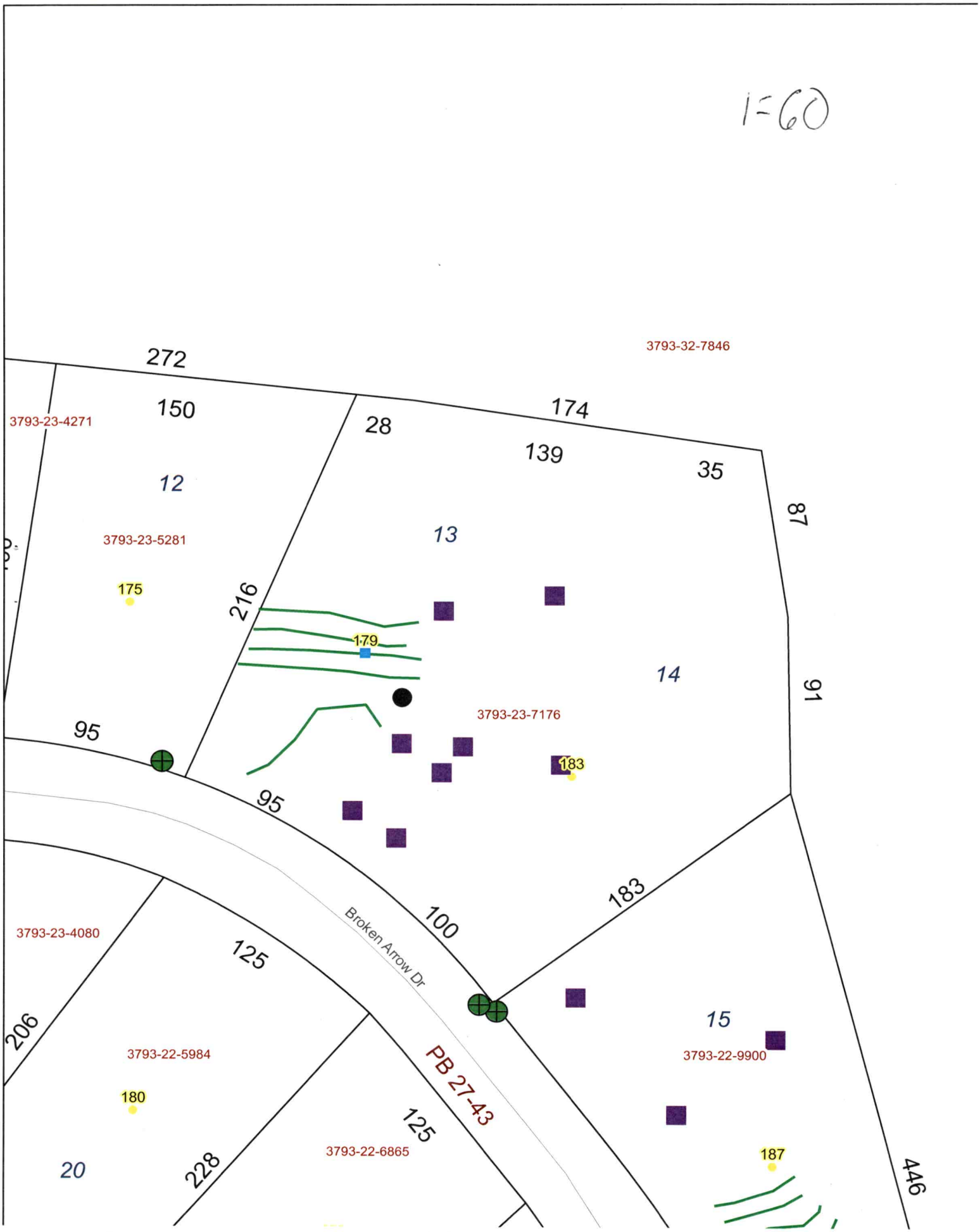
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Online Signature | Date: | Installed by: Shady Knoll

IMPROVEMENT PERMIT by: Matt Wi | Date: 9/20/23 | OPERATION PERMIT by: Sydney Howard | Date: 10/9/23

AUTHORIZATION TO CONSTRUCT by: Matt Wi | Date: 9/20/23 | Existing System Inspected by: | Date:

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


1=60
3793-32-7846
272
150
174
28
139
35
87
3793-23-4271
12
13
3793-23-5281
175
216
179
14
91
95
3793-23-7176
183
95
183
100
Broken Arrow Dr
3793-23-4080
125
206
15
3793-22-5984
3793-22-9900
PB 27-43
180
125
187
20
228
3793-22-6865
446

PROPERTY ID #: 379323110S
COUNTY: Iredell

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

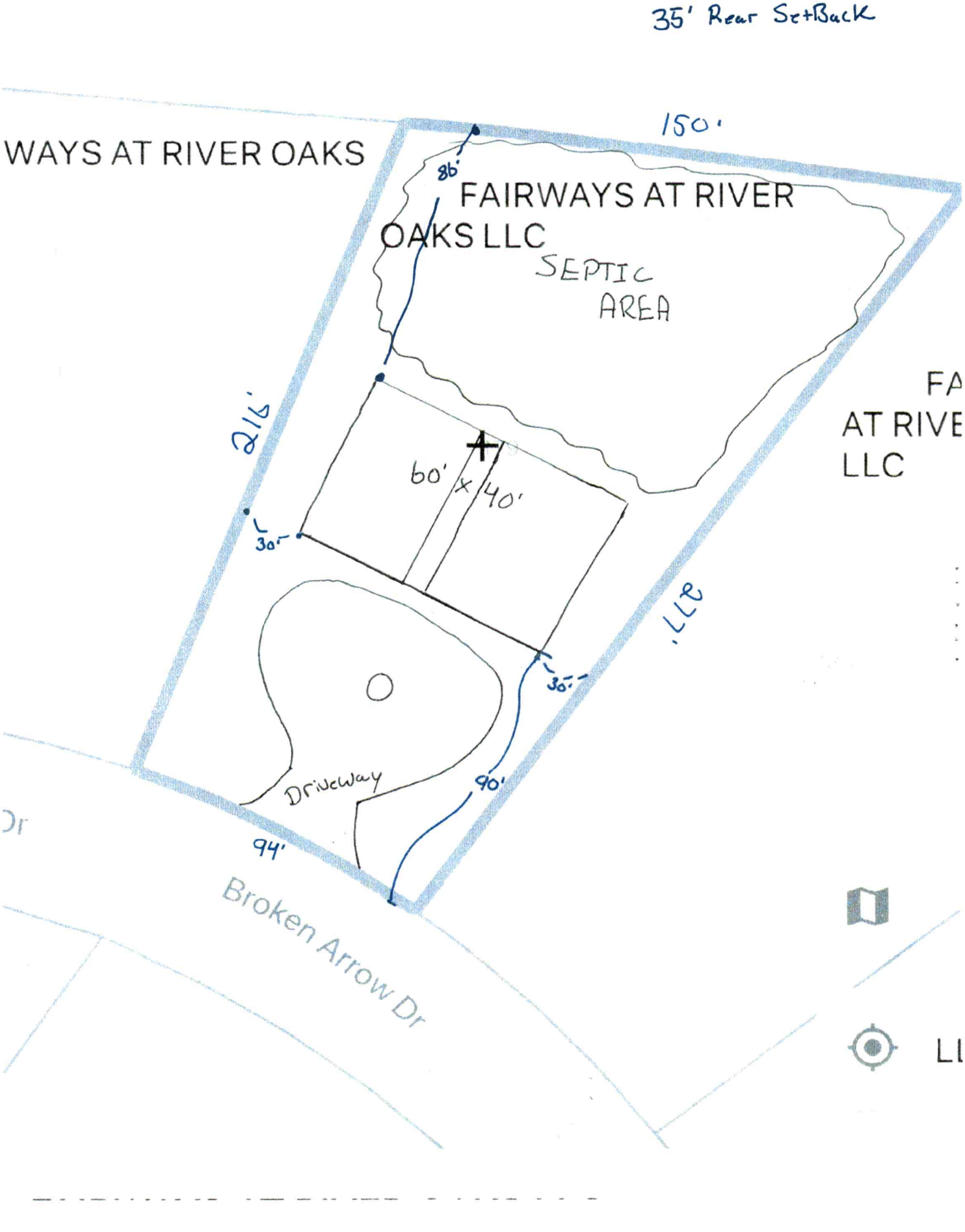
OWNER: Skylar Powell
ADDRESS: 191 Shepherds Bluff
PROPOSED FACILITY: SFR
LOCATION OF SITE: 179 Broken Arrow
APPLICATION DATE: 4/10/23
DATE EVALUATED: 5/16/23
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 1.5 Ac
PROPERTY RECORDED: Yes
WATER SUPPLY: Private (Public) Well Spring Other
EVALUATION METHOD: 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 12%	0-15	SCL/Gr	ss sp fr SE	-	60	Sap inclusions 25+ Heavy at bottom	Small rocks throughout pit	PS .275
		15-30	C/WOBK	ss sp fr SE					
		30-50	CL/WOBK	ss sp fr SE					
2	LS 12%	0-10	SCL/SBK	ss sp fr SE	-	82	Sap inclusions begin at 27	Rock fragments in CL and Sap	PS .275
		10-24	C/SBK	ss sp fr SE					
		24-32	CL/SBK	ss sp fr SE					
		32-54	LSAP						
3	LS 13%	0-10	SCL/Gr	ss sp fr SE	-	50	-	-	A .3
		10-31	C/SBK	ss sp fr SE					
		31-56	CL/SBK	ss sp fr SE					
4	LS 10%	0-10	SCL/Gr	ss sp fr SE	-	44	-	-	PS .3
		10-26	C/SBK	ss sp fr SE					
		26-46	CL/SBK	ss sp fr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	50%
Site LTAR	.3	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W
OTHER(S) PRESENT:

COMMENTS:


35' Rear SetBack
WAYS AT RIVER OAKS
150'
86'
FAIRWAYS AT RIVER OAKS LLC
SEPTIC AREA
FA
AT RIVE
LLC
215'
60' x 40'
30'
30'
LLE
Driveway
90'
94'
Broken Arrow Dr
Dr
LI

I, BRIAN ALDERMAN, PLS, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 2991 PAGE 257, BOOK 2991 PAGE 1988); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN THE LISTED REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 24 TH DAY OF MAY, 2023.

I ALSO CERTIFY TO ONE OR MORE OF THE FOLLOWING AS INDICATED:

__ A. THAT THIS PLAT IS A SURVEY THAT CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND;
__ B. THAT THIS PLAT IS A SURVEY THAT IS LOCATED IN SUCH PORTION OF A COUNTY OR MUNICIPALITY THAT IS UNREGULATED AS TO AN ORDINANCE THAT REGULATES PARCELS OF LAND;
__ C. THAT THIS PLAT IS OF AN EXISTING PARCEL(S) OF LAND;
X D. THAT THIS PLAT IS OF A SURVEY OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION;
__ E. THAT THE INFORMATION AVAILABLE TO THIS SURVEYOR IS SUCH THAT I AM UNABLE TO MAKE A DETERMINATION TO THE BEST OF MY PROFESSIONAL ABILITY AS TO PROVISIONS CONTAINING IN A THROUGH D ABOVE

BRIAN ALDERMAN, PLS # L-5517

NORTH CAROLINA PROFESSIONAL SEAL L-5517 LAND SURVEYOR BRIAN A. ALDERMAN

GPS SURVEY CERTIFICATION:

I, BRIAN ALDERMAN, PLS, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY.

1. CLASS OF SURVEY: A (1:10,000)
2. POSITIONAL ACCURACY: < 0.10'
3. TYPE OF GPS SURVEY PROCEDURE: RTK NC NETWORK
4. DATE OF GPS SURVEY: 05.24.2023
5. DATUM/EPOCH: NAD83(2011)
6. PUBLISHED FIXED-CONTROL USED: "SHARON"
7. GEOID MODEL: GEOID12b
8. COMBINED GRID FACTOR: 0.99987010
9. UNITS: US SURVEY FEET

SURVEY NOTES:

1. THIS PROPERTY IS SUBJECT TO THE MAINTENANCE OF ANY PUBLIC UTILITIES EVIDENT AND NOT EVIDENT AND TO ANY RIGHTS-OF-WAY, EASEMENTS, OR AGREEMENTS OF RECORD PRIOR TO OR AT THE DATE OF SURVEY.
2. THE CLIENT ACKNOWLEDGES THAT NO TITLE SEARCH OR OPINION OF TITLE OR OWNERSHIP IS IMPLIED OR CERTIFIED BY THE INFORMATION SHOWN ON THIS PLAT, AND THAT NO INVESTIGATION HAS BEEN MADE FOR EASEMENTS OF RECORD, ENCUMBRANCES, OR RESTRICTIVE COVENANTS, TITLE EVIDENCE, OR ANY OTHER FACTS THAT A CURRENT TITLE SEARCH MAY DISCLOSE.
3. THE CLIENT ACKNOWLEDGES THAT THIS PROPERTY MAY BE SUBJECT TO THE DEVELOPMENT RESTRICTIONS AS DESCRIBED IN THE CURRENT "IREDELL COUNTY" DEVELOPMENT ORDINANCES.

STATEMENT OF PURPOSE:

1. THE PURPOSE OF THIS PLAT IS TO RECOMBINE LOTS 13 & 14 PARCEL NUMBERS 3793237108.000 & 3793238110.000
2. THE NUMBER OF EXISTING LOTS (2) NUMBER OF NEW LOTS (1)
3. EXISTING ACREAGE 0.6957 & 0.7737+/- AC
4. NEW LOT ACREAGE 1.4694 AC+/-

REFERENCES:

1. ALL DEEDS AND MAPS SHOWN HEREON
2. MAP TITLED "BLOCK B BUFFALO SHOALS NATIONAL GOLF CLUB ESTATES"

SETBACKS	
FRONT SETBACK	35
SIDE SETBACK	15
REAR SETBACK	35

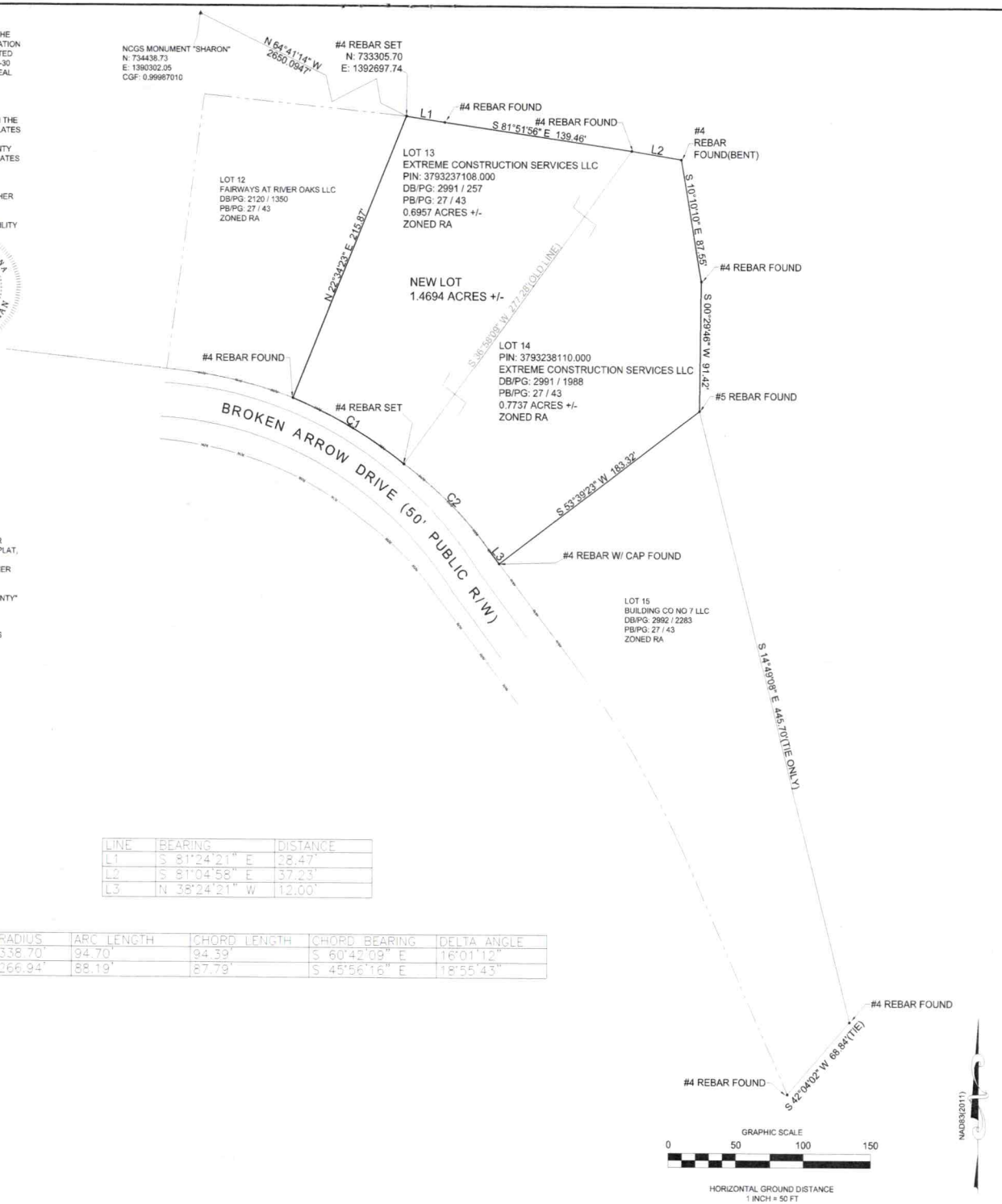
LEGEND

ABBREVIATIONS

RCP	REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLY. PIPE
CMP	CORRUGATED METAL PIPE
DB/DP	DEED BOOK / DEED PAGE
R/W	RIGHT OF WAY
AC	ACRE(S)
C/L	CENTERLINE

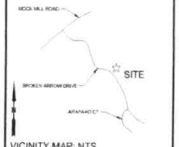
SYMBOLS

- AXLE
- SURVEY SPIKE SET
- CONCRETE MONUMENT
- MAG NAIL
- PIPE
- CALC. POINT
- CALC. IN TREE
- REBAR FOUND
- BENCHMARK
- GEODETIC MONUMENT
- REBAR SET
- SANITARY MANHOLE
- MANHOLE
- WATER
- HVAC
- WATER VALVE
- FIRE HYDRANT
- GAS
- POWER POLE
- BOUNDARY LINE
- BOUNDARY BY DEED
- RIGHT-OF-WAY
- EASEMENT LINE
- 100YR 1% FLOOD LINE
- OVERHEAD POWER
- SETBACKS
- TOP OF STREAM BANK
- C/L ROAD
- EXISTING BUILDINGS
- EXISTING STORM
- EXISTING GRAVEL
- EXISTING CONCRETE



LINE	BEARING	DISTANCE
L1	S 81°24'21" E	28.47'
L2	S 81°04'58" E	37.23'
L3	N 38°24'21" W	12.00'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	338.70'	94.70'	94.39'	S 60°42'09" E	16°01'12"
C2	266.94'	88.19'	87.79'	S 45°56'16" E	18°55'43"



VICINITY MAP: NTS

AN EXEMPT RECOMBINATION SURVEY FOR
LOT 13 & 14 OF BUFFALO SHOALS NATIONAL GOLF COURSE ESTATES

SUBJECT PROPERTY INFO:

PARCEL ID(S):
3793237108.000
3793238110.000

DEED BOOK & PAGE:
DB: 2991 PG: 257
DB: 2991 PG: 1988

CURRENT ZONING:
RA

PROPERTY LOCATION:
SHILOH TOWNSHIP
CITY OF STATESVILLE
IREDELL COUNTY

OWNER INFORMATION:
EXTREME CONSTRUCTION SERVICES LLC
104 COMMANCHE CT
STATESVILLE, NC 28677

DATE OF SURVEY:
05.24.2023

DRAWN BY:
KMS

CHECKED BY:
BAA

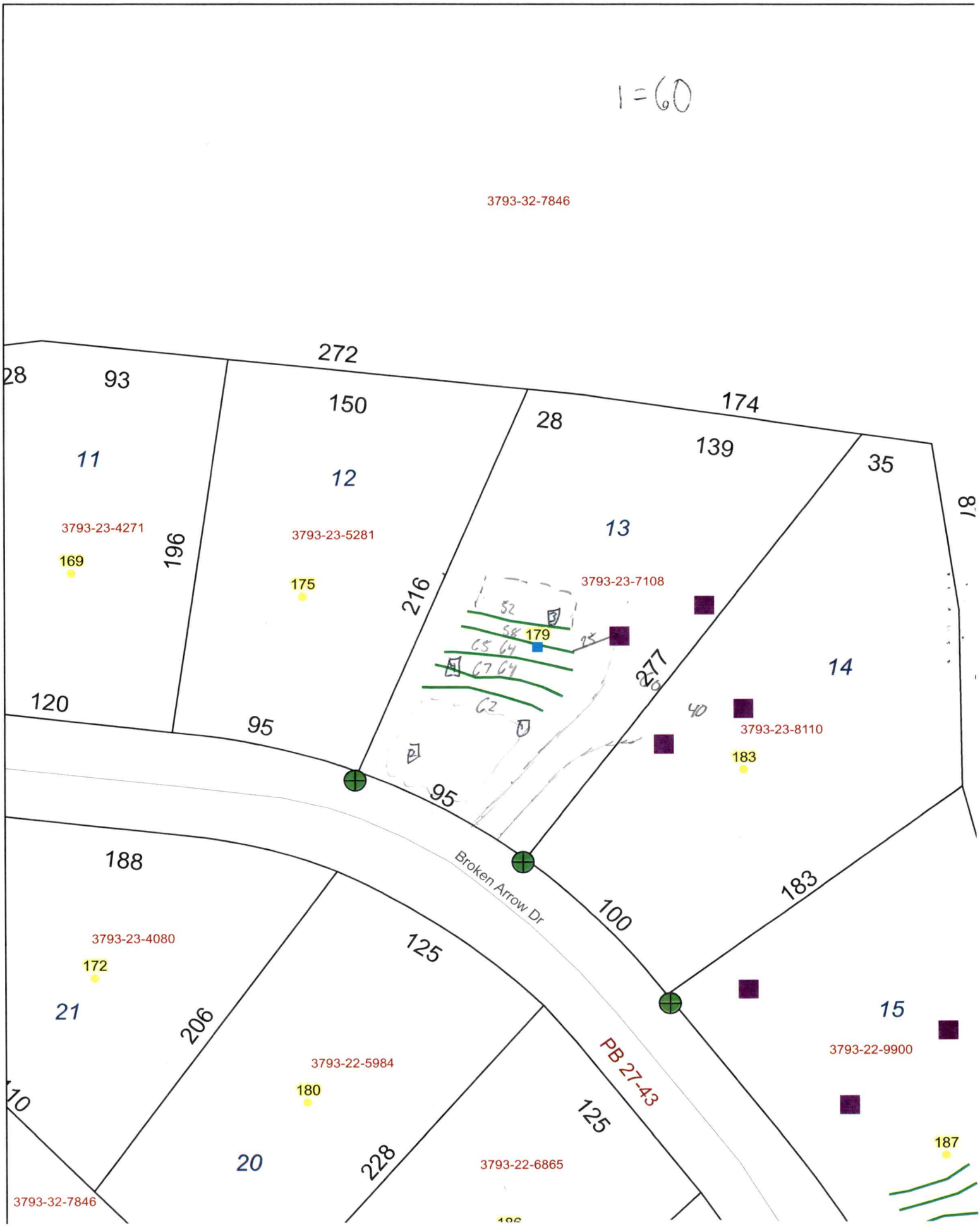
PLAN NOTES:

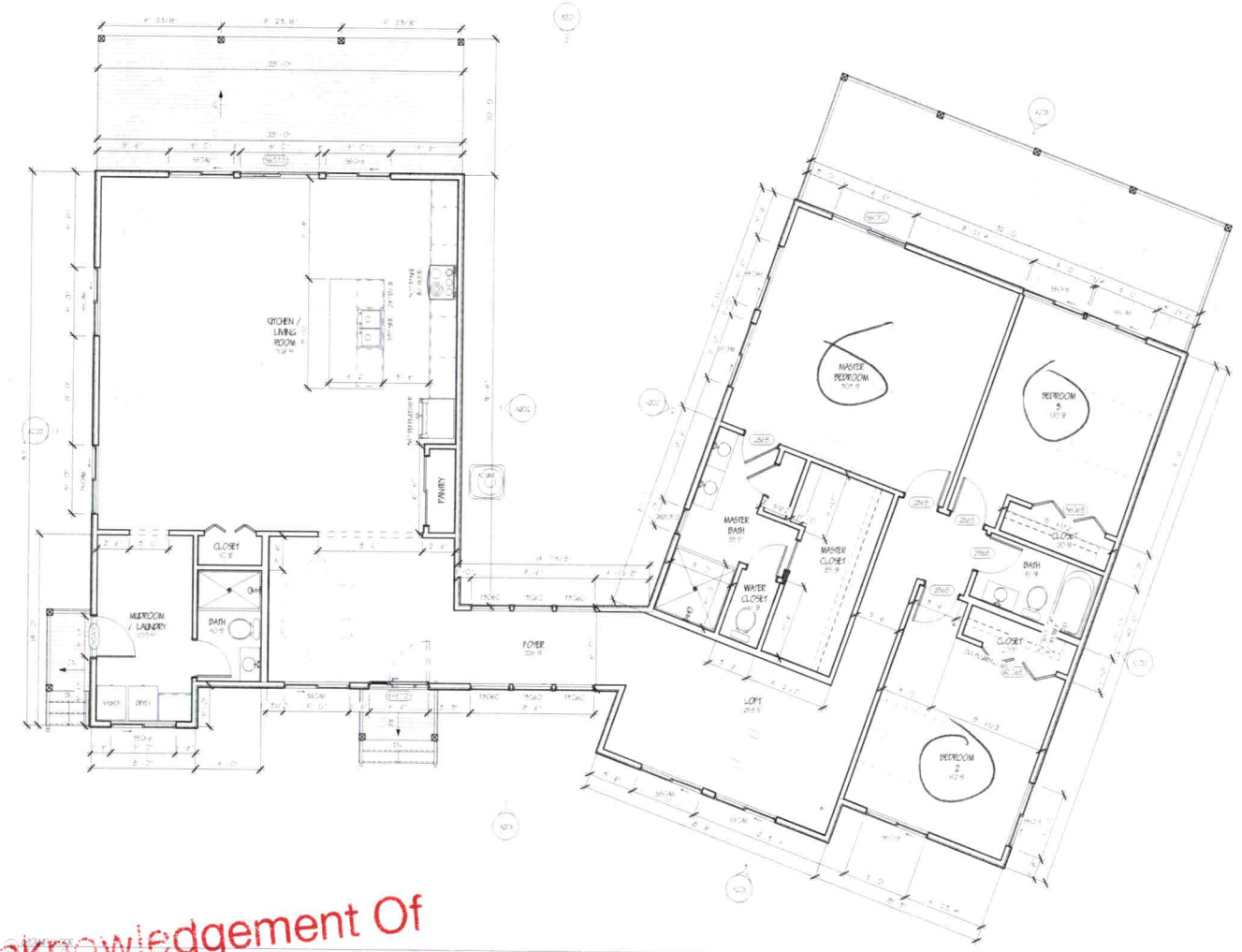
1. PLAN NORTH IS BASED ON NAD83(2011)
2. AREAS COMPUTED USING THE COORDINATE METHOD
3. ANY TRAVERSE ADJUSTMENTS WERE PERFORMED USING THE LEAST SQUARES ADJUSTMENT METHOD
4. GEODETIC MONUMENTS WERE SURVEYED AS SHOWN
5. ALL DISTANCES ARE GROUND HORIZONTAL UNLESS OTHERWISE NOTED
6. PROPERTY MAY BE SUBJECT TO BURDENS OR BENEFITS NOT SHOWN ON MAP.
7. NO UNDERGROUND UTILITIES WERE LOCATED WITH THIS SURVEY. BEFORE DIGGING CALL NC ONE-CALL (1-800-632-4949)
8. ZONING DISTRICTS NOTED ARE PER GIS INFORMATION AVAILABLE TO THE PUBLIC
9. THE SUBJECT PARCEL(S) AND ANY ADJOINING PROPERTY OWNERS NAMES, DEEDS OF RECORD, AND TAX PARCEL IDENTIFICATIONS REFLECT THOSE AVAILABLE TO THIS SURVEYOR AS OF THE DATE OF THE SURVEY SHOWN

REVISION ISSUE		
00	BOUNDARY	05.24.2023

SUTHER ENGINEERING

FIRM No. P-1946
1316 S. MAIN ST. STE D
KANNAPOLIS, NC 28081


1=60
3793-32-7846
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3793-23-7108
3793-23-8110
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Broken Arrow Dr
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3793-23-4080
172
125
21
206
3793-22-5984
180
PB 27-43
125
15
3793-22-9900
187
20
228
3793-22-6865
3793-32-7846



Acknowledgement Of
Plans Submittal ONLY!
Matt Wilki Date 5/31/23
Date

0' 2' 4' 8' 16' N

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

SKY POWELL

179 BROKEN ARROW DR

GROUND FLOOR PLAN

A101