

PROJECT SUMMARY

VERIZON SITE NAME: BEAR_MAPLE
 VERIZON SITE NUMBER: 617355320
 SITE ADDRESS: (E911 VERIFIED) 4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
 JURISDICTION: CHATHAM COUNTY
 COUNTY: CHATHAM COUNTY
 ZONING: R-1 RESIDENTIAL
 PARCEL ID: 60359
 TOTAL ACREAGE OF ACCESS AND TOWER LEASE AREA: 0.66 ACRES
 PROPERTY OWNER: RYAN C & ANNETTE C WILLET 7410 AIRPORT ROAD BEAR CREEK, NC 27207 919-545-4191
 TOWER OWNER: SOUTHERN TOWERS BTS, LP 250 SIGNAL MOUNTAIN ROAD, SUITE B CHATTANOOGA, TN 37405 CONTACT: OFFICE PHONE: (423) 531-6300
 SOUTHERN TOWERS BTS, LP SITE NAME: BEAR MAPLE
 SOUTHERN TOWERS BTS, LP SITE NUMBER: NC-039
 TOWER APPLICANT: CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS 8921 RESEARCH DR. CHARLOTTE, NC 28262
 SITE COORDINATES: 1A
 LATITUDE: 35° 38' 13.207" N (NAD 83)
 LATITUDE: 35.637002° N (NAD 83)
 LONGITUDE: 79° 29' 7.256" W (NAD 83)
 LONGITUDE: 79.485349° W (NAD 83)
 ELEVATION: 567' ASML (NAVD 88)
 OCCUPANCY: UNMANNED
 CONSTRUCTION TYPE: RAWLAND
 TELEPHONE COMPANY: SPECTRUM CONTACT: TBD PHONE: 855-845-9470
 POWER COMPANY: CENTRAL ELECTRIC CONTACT: MICHAEL DOWDY PHONE: 919-774-4900
 FIRE DEPARTMENT: BONLEE FIRE STATION 6 PHONE: 919-937-5016
 POLICE DEPARTMENT: CHATHAM COUNTY SHERIFF'S OFFICE PHONE: 919-542-2811

STRUCTURAL REVIEW

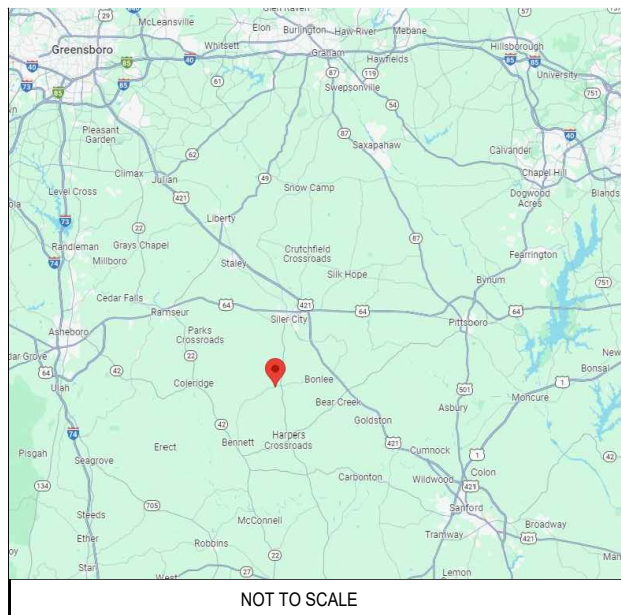
CONTRACTOR SHALL ATTAIN AND VERIFY STRUCTURAL EVALUATION REPORT OF EXISTING TOWER FOR EXACT PLACEMENT OF ANTENNAS AND COAX CABLES. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE STRUCTURAL EVALUATION REPORT AND NOTIFY VERIZON'S CONSTRUCTION MANAGER IN THE CASE OF ANY DISCREPANCIES. ANY STRUCTURAL MODIFICATION, IF REQUIRED, SHALL BE DONE PRIOR TO THE INSTALLATION OF ANTENNAS.

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.



SOUTHERN TOWERS BTS, LP SITE #: NC-039
 SOUTHERN TOWERS BTS, LP SITE NAME: BEAR MAPLE
 VERIZON SITE NUMBER: 617355320
 VERIZON SITE NAME: BEAR_MAPLE
 ±4162 BONLEE BENNETT ROAD
 BEAR CREEK, NC 27207

VICINITY MAP



LOCATION MAP



DRIVING DIRECTIONS

FROM VZW OFFICE CHARLOTTE, NC (RESEARCH DRIVE, CHARLOTTE, NC):
 HEAD NORTHWEST ON RESEARCH DR TOWARD LOUIS ROSE PL. TURN RIGHT ONTO DAVID TAYLOR DR. TURN RIGHT ONTO SENATOR ROYALL DR. TURN RIGHT ONTO ALEXANDER VILLAGE MAIN DR. TURN RIGHT ONTO W MALLARD CREEK CHURCH RD. TURN LEFT ONTO I-85 N TOWARD CONCORD. TAKE THE RAMP ON THE RIGHT FOR I-85 N. AT EXIT 96, HEAD RIGHT ON THE RAMP FOR US-64 E/ E US HIGHWAY 64 TOWARD ASHEBORO. TAKE THE RAMP ON THE RIGHT FOR NC-42/ NC HIGHWAY 42 S. TURN RIGHT ONTO NC-42/ NC HIGHWAY 42 S. TURN LEFT ONTO NC-22/ NC HIGHWAY 22 S, THEN IMMEDIATELY TURN RIGHT ONTO CREEKWOOD RD. BEAR RIGHT ONTO LANES MILL RD. ROAD NAME CHANGES TO LANE MILL RD. ROAD NAME CHANGES TO BONLEE BENNETT RD. THE DESTINATION WILL BE ON THE LEFT.

PROJECT TEAM

SURVEYOR:
 NAME: SMW ENGINEERING GROUP INC.
 ADDRESS: 158 BUSINESS CENTER DR BIRMINGHAM, AL 35224
 CONTACT: N/A
 PHONE: (205) 252-6985
A&E ENGINEER:
 NAME: TELECAD WIRELESS SITE DESIGN
 ADDRESS: 1961 NORTHPOINT BLVD. SUITE 130 HIXSON, TN 37343
 CONTACT: STEVE HUNT
 PHONE: (423) 843-9500
GEOTECHNICAL/SOILS ENGINEERING:
 NAME:
 ADDRESS:
 CITY, STATE, ZIP:
 CONTACT:
 PHONE:

SHEET INDEX

NO.	DESCRIPTION
T1	TITLE SHEET
S1	SURVEY PLAN
S2	SURVEY PLAN
Z1	SITE LOCATION MAP
Z2	OVERALL SITE LAYOUT PLAN
Z3	ENLARGED SITE PLAN
Z4	SITE ELEVATION
Z5	FENCE DETAILS
Z6	SIGNAGE DETAILS

PROJECT DESCRIPTION:

- THE PROPOSED PROJECT INCLUDES:
- INSTALL (1) 285' SELF SUPPORT TOWER WITH 5' LIGHTNING ROD.
 - INSTALL NEW 75' X 80' CHAIN FENCE.
 - INSTALL NEW POWER & TELCO UTILITIES AND GROUNDING SYSTEM.
 - INSTALL NEW CONCRETE EQUIPMENT PAD
 - INSTALL NEW EMERGENCY GENERATOR
 - INSTALL NEW 20' WIDE GRAVEL DRIVE

CODE COMPLIANCE

- | | |
|--|------------------------------------|
| 1. UNIFORM BUILDING CODE. | 5. ANSI/EIA-222-G LIFE SAFETY CODE |
| 2. BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA) | NFPA-101. |
| 3. UNIFORM MECHANICAL CODE. | 6. UNIFORM PLUMBING CODE. |
| 4. INTERNATIONAL BUILDING CODE MICHIGAN ADDITION (IBC) | 7. NATIONAL ELECTRIC CODE. |
| | 8. LOCAL BUILDING CODE. |
| | 9. CITY/COUNTY ORDINANCES |



CALL NORTH CAROLINA ONE CALL (800) 632-4949 CALL 3 WORKING DAYS BEFORE YOU DIG!



SHEET SCALE FACTOR:

PLOT SIZE: 11"x17": "TO SCALE"

Southern Towers BTS



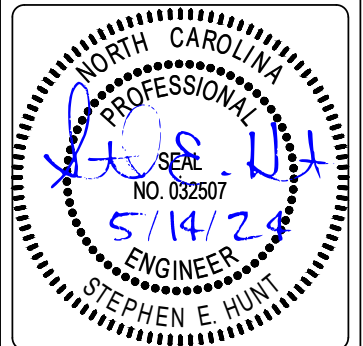
1961 NORTHPOINT BLVD. SUITE 130 HIXSON, TN 37343 PH : 423-843-9500 / FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	N/A
DRAWN BY:	PLS
CHECKED BY:	DLS

REVISIONS

NO.	DATE	DESCRIPTION
3	05/14/24	ZONING ISSUE
2	04/18/24	ZONING ISSUE
1	03/11/24	ZONING ISSUE
0	12/21/23	ZONING ISSUE
A	12/15/23	ZONING REVIEW

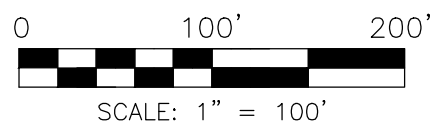


PROJECT No:	N/A
SITE NAME:	BEAR_MAPLE
SITE NUMBER:	NC-039
SITE ADDRESS:	±4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
DESIGN TYPE:	RAWLAND

SHEET TITLE: TITLE SHEET

DRAWING NO.	REVISION:
T1	3

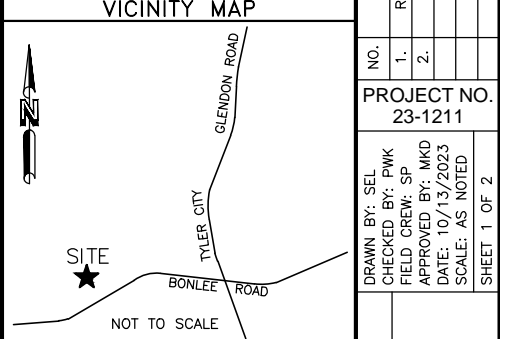
1" OPEN PIPE
N: 687424.11
E: 1855576.00



NOTE: FOR PARENT TRACT OVERVIEW
SEE SHEET 2 OF 2

LINE	BEARING	DISTANCE
L1	S 00°00'00" E	30.00'
L2	N 90°00'00" W	34.18'
L3	S 30°46'40" E	74.79'
L4	S 59°13'20" W	30.00'
L5	N 30°46'40" W	82.61'
L6	N 90°00'00" W	35.80'
L7	N 00°00'00" W	30.00'
L8	N 90°00'00" E	100.00'

PREMISE INFO			
LATITUDE:	35°38'13.207" NORTH		
LONGITUDE:	79°29'07.256" WEST (NAD 83)		
GROUND ELEVATION:	567' ABOVE MEAN SEA LEVEL (NAVD88)		
SITE ADDRESS:	BONLEE ROAD SILER CITY, NC 27344		

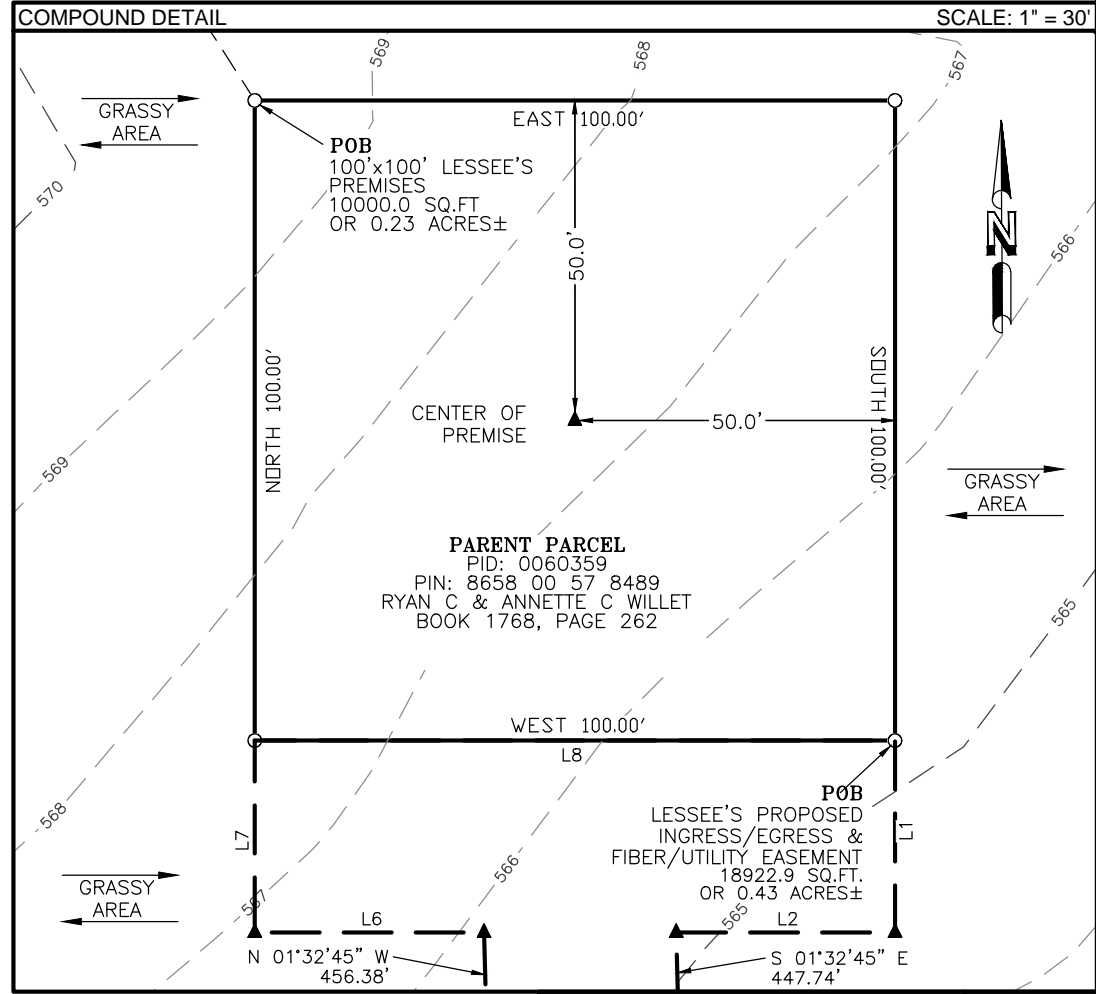


VICINITY MAP	
NO.	1.
NO.	2.
PROJECT NO.	23-1211
DRAWN BY: SEL	
CHECKED BY: PWK	
FIELD CREW: SP	
APPROVED BY: MKD	
DATE: 10/13/2023	
SCALE: AS NOTED	
SHEET 1 OF 2	

NORTH CAROLINA	
GRID NORTH	
GRID TO TRUE NORTH CONVERGENCE	-00°16'48.46419
TRUE NORTH TO MAGNETIC DECLINATION	08°50' W
COMBINED SCALE FACTOR	0.999895129

LEGEND	
○	= 5/8" REBAR SET
●	= FOUND PROPERTY MARKER
POB	= POINT OF BEGINNING
POC	= POINT OF COMMENCEMENT
POE	= POINT OF ENDING
⊕	= TEMPORARY BENCHMARK 5/8" REBAR SET ELEVATION = 571.09'
▲	= CALCULATED POINT
(R)	= REFERENCED INFORMATION
(M)	= MEASURED
⊙	= POWER POLE
⊥	= GUY ANCHOR
⊠	= POWER BOX
⊞	= TELEPHONE PEDESTAL
⊚	= GROUNDING ROD
---	= ROW = RIGHT-OF-WAY
-o-	= OVERHEAD POWER

FLOOD NOTE
By graphic plotting only, the subject property appears to lie in Zone "X" of the Flood Insurance Rate Map Community Panel No. 3710864800J, which bears an effective date of February 02, 2007 and IS NOT in a special flood hazard area. Zone 'X': Areas determined to be outside the 0.2% annual chance floodplain.



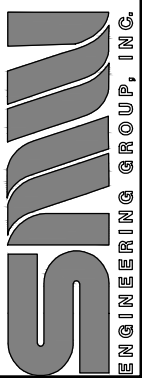
IT IS THE EXPRESSED INTENT THAT THE ACCESS, UTILITY AND MAINTENANCE EASEMENT SHOWN ON THIS SURVEY IS TO MEET AND ABUT AND BE CONTIGUOUS WITH BOTH THE LEASE AREA AND THE PUBLIC ACCESS OR PUBLIC RIGHT OF WAY WITHOUT ANY GAPS OR OVERLAPS.

M2C Geomatics and Design, PLLC
4800 THE WOODS ROAD
KITTY HAWK, NC 27949
252-261-1555
www.m2cgd.com
NC PLS # L-4631

BEAR_MAPLE
FUZE #: 16989057 MDG#: 5000921948
CHATHAM COUNTY, NORTH CAROLINA

RAWLAND TOWER SURVEY
FOR:
SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, Alabama 35244
Ph: 205-252-6985
www.smweng.com

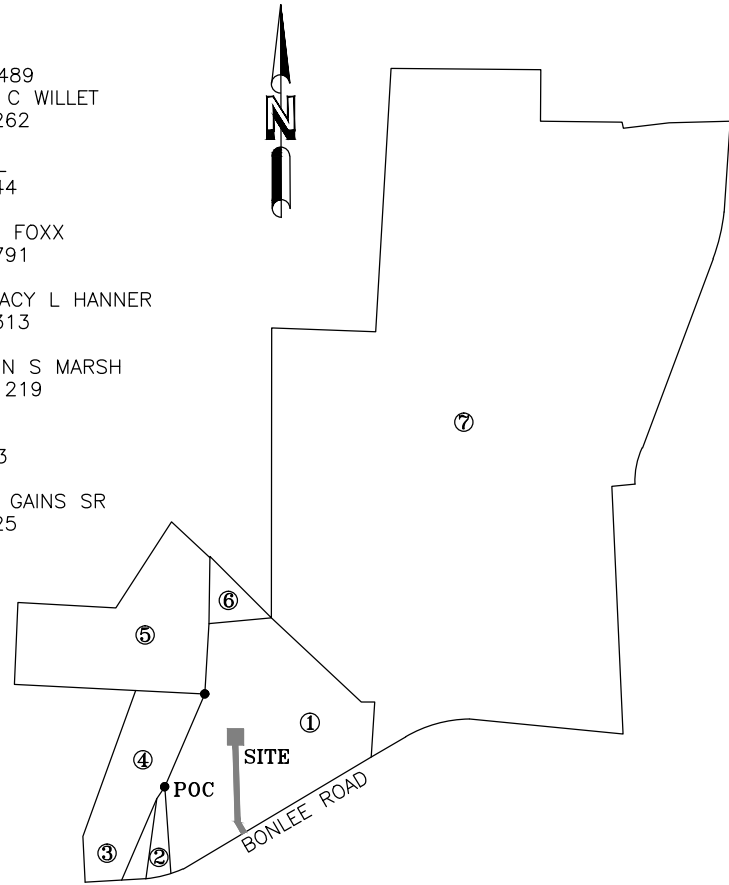
TeleCAD Wireless
Site Design, Inc.
1961 Northpoint Boulevard, Ste. 130
Hixson, TN 37343



PARENT TRACT OVERVIEW

NOT TO SCALE

- 1 PARENT PARCEL
PID: 0060359
PIN: 8658 00 57 8489
RYAN C & ANNETTE C WILLET
BOOK 1768, PAGE 262
- 2 PID: 0004297
GEORGE W FOX ETAL
BOOK 267, PAGE 144
- 3 PID: 0003810
RYNOLD D & JOANN FOXX
BOOK 1531, PAGE 791
- 4 PID: 0078530
GWENDOLYN J & TRACY L HANNER
BOOK 1290, PAGE 313
- 5 PID: 0004290
BARBARA M & CALVIN S MARSH
BOOK 1684, PAGE 1219
- 6 PID: 0004296
ELI WRENN ETAL
BOOK CM, PAGE 113
- 7 PID: 0004239
HERBERT H & JANE GAINS SR
BOOK 372, PAGE 025



SURVEYOR'S NOTES

1. This is a Rawland Tower Survey, made on the ground under the supervision of a North Carolina Registered Land Surveyor. Date of field survey is September 22, 2023.
2. The following surveying instruments were used at time of field visit: Topcon GM-55 and Topcon Hiper SR G.P.S. receiver, (R.T.K. network capable).
3. Bearings are based on North Carolina State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a GPS Continuously Operating Reference Station, PID A11799. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Rawland Tower Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted with the benefit of an Abstract Title search.
9. Surveyor hereby states the Geodetic Coordinates and the elevation shown for the proposed centerline of the tower are accurate to within +/- 20 feet horizontally and to within +/- 3 feet vertically (FAA Accuracy Code 1A).
10. Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Class "A" Survey.
11. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1':15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted.
12. This survey is not valid without the original signature and the original seal of a state licensed surveyor.
13. This survey does not constitute a boundary survey of the Parent Tract. Any parent tract property lines shown hereon are from supplied information and may not be field verified.

SURVEYOR'S CERTIFICATION

I certify that this survey and drawing have been completed in accordance with the the Minimum Standards for the Practice of Land Surveying in the State of North Carolina to the best of my knowledge, information, and belief.

PRELIMINARY UNTIL FINALIZED WITH SIGNATURE AND SEAL
Timothy Leigh Fish
South Carolina License No. 33464

PARENT PARCEL (PER TITLE)

All that certain lot or parcel of land situated in Bear Creek Township, Chatham County, North Carolina, and more particularly described as follows:

Adjoining the lands of Herbert H. Gaines, Jr., Miller and others, and BEGINNING at a point in the center of the Bonlee-Bennett blacktop Road (SR #1005), corner with Gaines and running thence North 87° West 95.5 feet to an iron stake, another corner with Gaines; thence with Gaines line North 338 feet to a pine, another corner with Gaines; thence continuing with line of Gaines due West 32.5 feet to a pine, another corner with Gaines; thence continuing with line of Gaines North 45° West 792 feet to an iron stake, Gaines corner in the Wrenn line; thence with line of Wrenn South 88° 30' West 429 feet to an iron stake, corner with miller; thence with Miller's line due South 461 feet to a pine knot, corner with fox; thence with Fox's line South 29° West 501.5 feet to an iron stake, Fox's corner, thence South 5° East 594 feet to a point in the center of the Bonlee-Bennett blacktop Road (SR #1005), which point is designated by an iron stake in the Northern margin of said road; thence with the center of SR #1005 North 70° East 1470 feet to the point of BEGINNING, and containing 29 acres, more or less.

AND BEING the same property conveyed to Ryan C. Willett and wife, Annette C. Willett from Darlene A. Bristow by Warranty Deed dated October 28, 2014 and recorded October 30, 2014 in Deed Book 1768, Page 0262.

Tax Parcel No. 8658-00-57-8489

100'X 100' LESSEE PREMISES (AS SURVEYED)

A portion of that tract of land as described in Deed, Book 1768, Page 262, Records of Chatham County, North Carolina, more particularly described as follows:

Commencing at a found 1" Flat Bar marking a west corner of said tract, having North Carolina State Plane Coordinates N: 686843.77, E: 1855324.61; thence, along the west line of said tract, N 23°25'15"E, 632.45 feet to a found 1" open top pipe and a west corner of said tract, having North Carolina State Plane Coordinates N: 687424.11, E: 1855576.00; thence S 32°36'49"E, 301.42 feet to a set 5/8" rebar and the POINT OF BEGINNING; thence East, 100.00 feet to a set 5/8" rebar; thence South 100.00 feet to a set 5/8" rebar; thence West, 100.00 feet to a set 5/8" rebar; thence North 100.00 feet to the POINT OF BEGINNING.

Containing 10000.0 Sq.Ft. or 0.23 acres, more or less.

LESSEE'S PROPOSED INGRESS/EGRESS & FIBER/UTILITY EASEMENT (AS SURVEYED)

A portion of that tract of land as described in Deed, Book 1768, Page 262, Records of Chatham County, North Carolina, more particularly described as follows:

Commencing at a found 1" Flat Bar marking a west corner of said tract, having North Carolina State Plane Coordinates N: 686843.77, E: 1855324.61; thence, along the west line of said tract, N 23°25'15"E, 632.45 feet to a found 1" open top pipe and a west corner of said tract, having North Carolina State Plane Coordinates N: 687424.11, E: 1855576.00; thence S 32°36'49"E, 301.42 feet to a set 5/8" rebar; thence East, 100.00 feet to a set 5/8" rebar; thence South 100.00 feet to a set 5/8" rebar and the POINT OF BEGINNING of an Ingress/Egress and Fiber/Utility Easement; thence S 00°00'00"E, 30.00 feet to a point; thence N 90°00'00"W, 34.18 feet to a point; thence S 01°32'45"E, 447.74 feet to a point; thence S 30°46'40"E, 74.79 feet, more or less, to the north right-of-way of Bonlee Road; thence, along said right-of-way, S 59°13'20"W, 30.00 feet to a point; thence N 30°46'40"W, 82.61 feet to a point; thence N 01°32'45"W, 456.38 feet to a point; thence N 90°00'00"W, 35.80 feet to a point; thence N 00°00'00"W, 30.00 feet to a set 5/8" rebar; thence N 90°00'00"E, 100.00 feet to the POINT OF BEGINNING.

Containing 18922.9 SQ.FT or 0.43 acres, more or less.

PLOTTABLE EXCEPTIONS

Fidelity National Title Insurance Company
Commitment No. 5000002424
Date October 17, 2023 @ 12:00 am
Schedule B, Part II

Exception No.	Instrument	Comment
1-7	N/A	Standard exceptions. Contain no survey matters.
8	Easement Book 250 Page 63	Unable to determine effects; document lacks sufficient data to locate on survey.
9	Deed of Trust Book 2055 Page 1134	Does affect the parent tract and is blanket in nature.
10	Deed of Trust Book 2255 Page 78	Does affect the parent tract and is blanket in nature.

NO.	REVISION	DATE	BY
1.	REVISED PER CLIENT COMMENTS	10/31/23	SEL
2.	ADDRESSED TITLE	12/06/23	KM

PROJECT NO.
23-1211

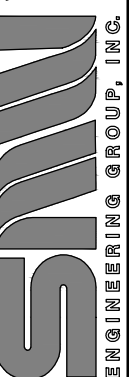
DRAWN BY: SEL
CHECKED BY: PWK
FIELD CREW: SP
APPROVED BY: MKD
DATE: 10/13/2023
SCALE: N.T.S.
SHEET 2 OF 2

RAWLAND TOWER SURVEY

FOR:

TeleCAD Wireless
Site Design, Inc.
1961 Northpoint Boulevard, Ste 130
Hixson, TN 37343

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, Alabama 35244
Ph: 205-252-6985
www.smweng.com

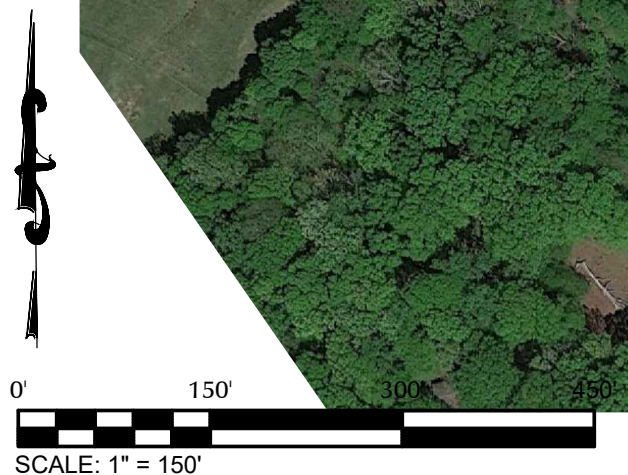
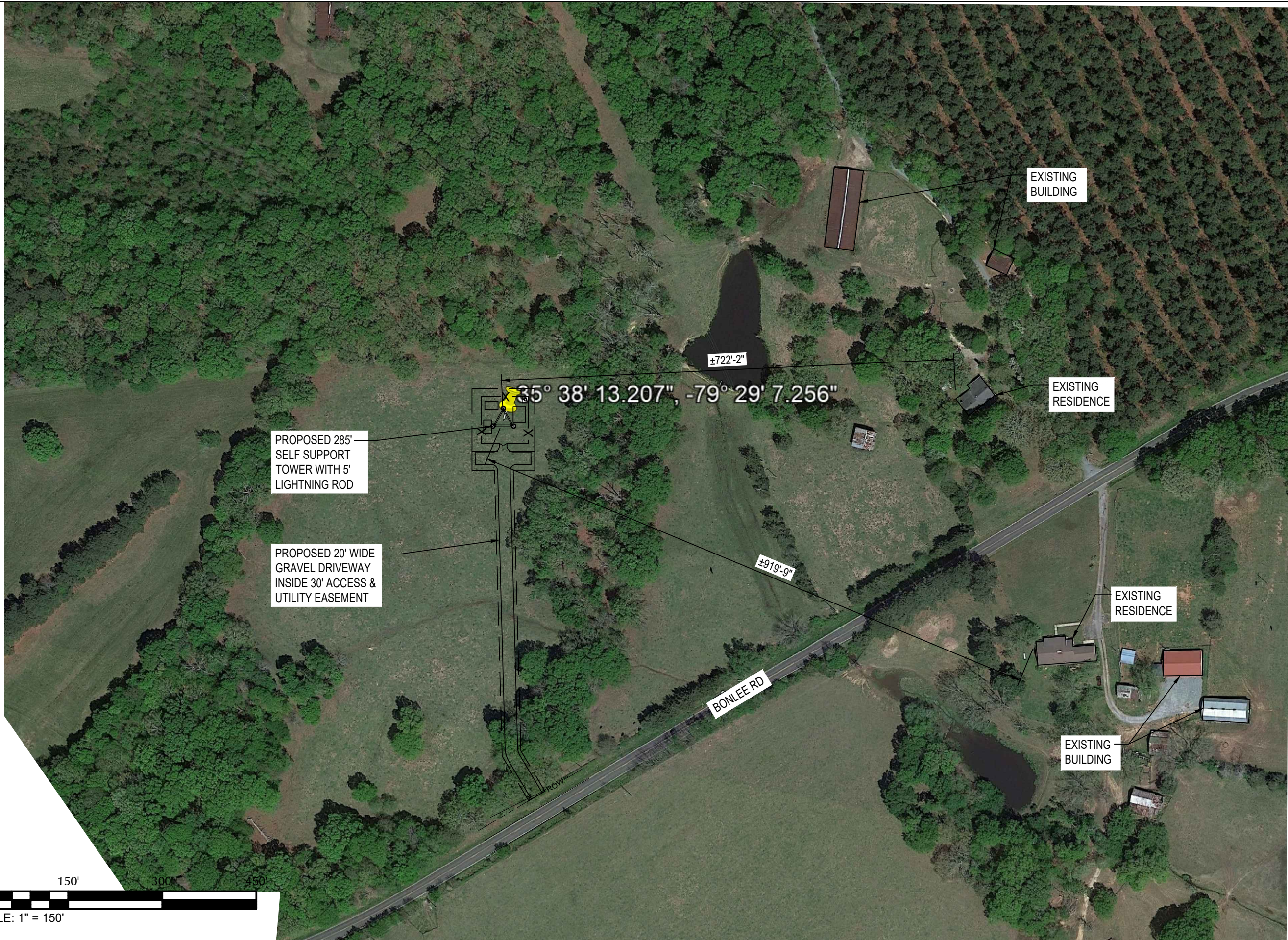


IT IS THE EXPRESSED INTENT THAT THE ACCESS, UTILITY AND MAINTENANCE EASEMENT SHOWN ON THIS SURVEY IS TO MEET AND ABUT AND BE CONTIGUOUS WITH BOTH THE LEASE AREA AND THE PUBLIC ACCESS OR PUBLIC RIGHT OF WAY WITHOUT ANY GAPS OR OVERLAPS.

M2C Geomatics and Design, PLLC
4800 THE WOODS ROAD
KITTY HAWK, NC 27949
252-261-1555
www.m2cgd.com
NC PLS # L-4631

SURVEYING & ENGINEERING FROM THE MOUNTAINS TO THE COAST

BEAR_MAPLE
FUZE #: 16989057 MDG#: 5000921948
CHATHAM COUNTY, NORTH CAROLINA



SouthernTowers BTS

TeleCAD
 Wireless
 1961 NORTHPOINT BLVD. SUITE 130
 HIXSON, TN 37343
 PH : 423-843-9500 / FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	N/A
DRAWN BY:	PLS
CHECKED BY:	DLS

REVISIONS		
NO.	DATE	DESCRIPTION
3	05/14/24	ZONING ISSUE
2	04/18/24	ZONING ISSUE
1	03/11/24	ZONING ISSUE
0	12/21/23	ZONING ISSUE
A	12/15/23	ZONING REVIEW

FOR REFERENCE

PROJECT No.	N/A
SITE NAME:	BEAR_MAPLE
SITE NUMBER:	NC-039
SITE ADDRESS:	±4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
DESIGN TYPE:	RAWLAND

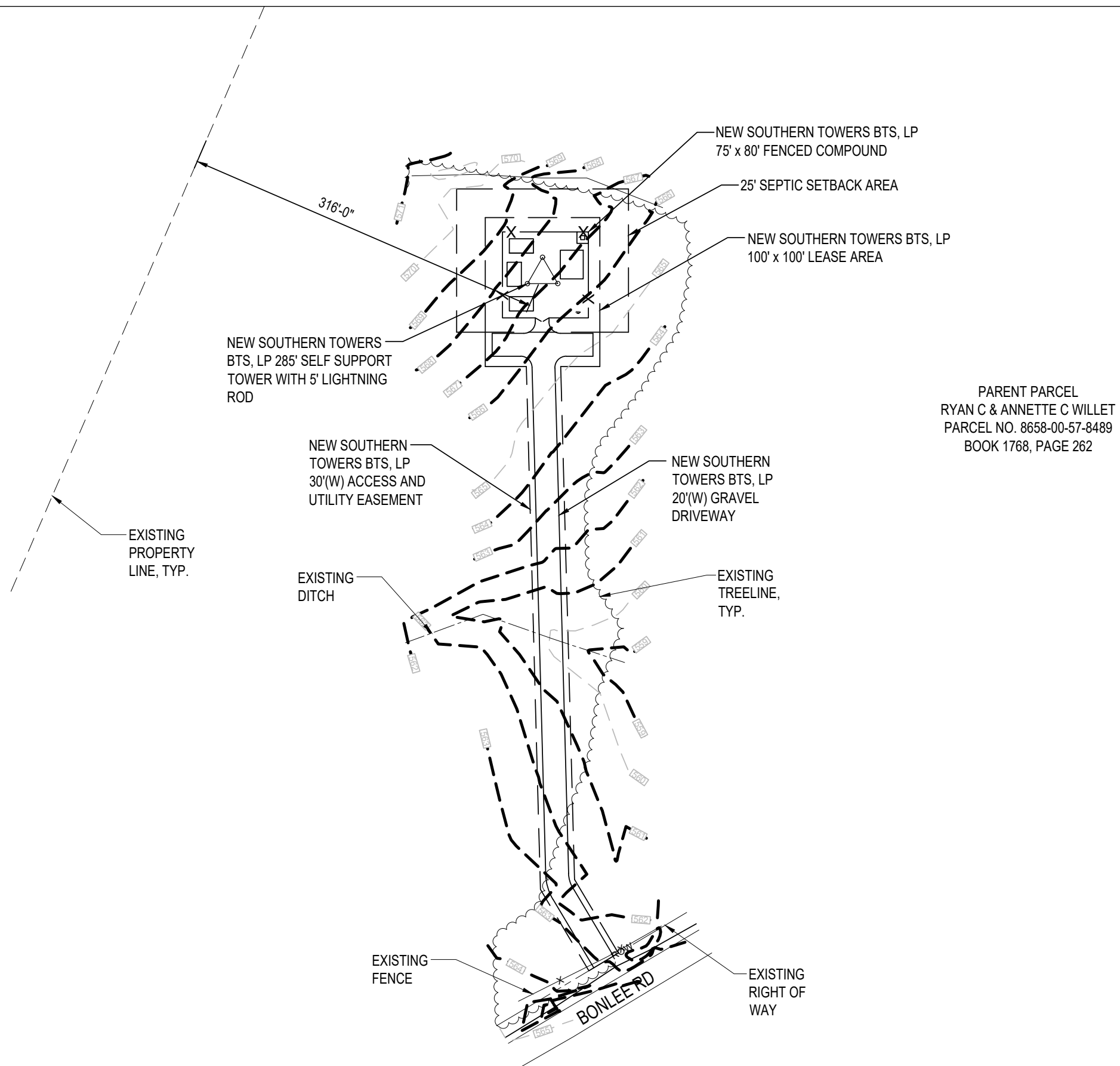
SHEET TITLE:
SITE LOCATION MAP

DRAWING NO.	REVISION:
Z1	3

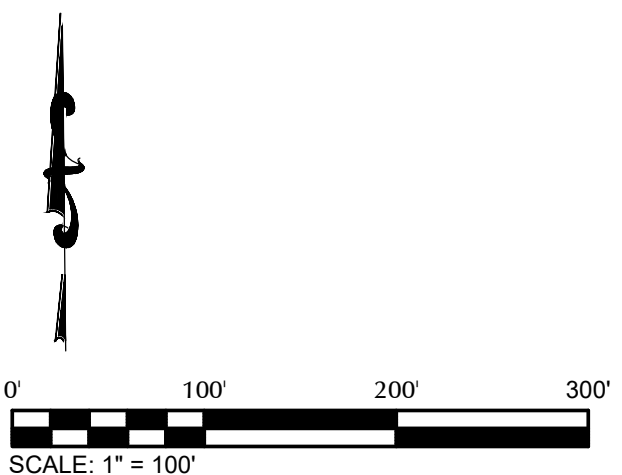
NO ADVERTISING ALLOWED ON
TOWER OR FENCED COMPOUND

ACCESS EASEMENT : 10,000SQFT
TOWER LEASE AREA: 18,922.9SQFT
TOTAL: 18,922.9SQFT / 0.66 ACRES

NO EXISTING OR PROPOSED SEPTIC
SYSTEMS WITHIN 25' OF PROPOSED
LEASE AREA.



PARENT PARCEL
RYAN C & ANNETTE C WILLET
PARCEL NO. 8658-00-57-8489
BOOK 1768, PAGE 262



SouthernTowers BTS

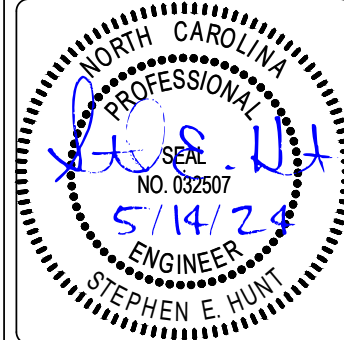


1961 NORTHPOINT BLVD. SUITE 130
HIXSON, TN 37343
PH : 423-843-9500 / FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY
BY NATURE. ANY USE OR DISCLOSURE
OTHER THAN THAT WHICH RELATES
TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	N/A
DRAWN BY:	PLS
CHECKED BY:	DLS

REVISIONS		
NO.	DATE	DESCRIPTION
3	05/14/24	ZONING ISSUE
2	04/18/24	ZONING ISSUE
1	03/11/24	ZONING ISSUE
0	12/21/23	ZONING ISSUE
A	12/15/23	ZONING REVIEW

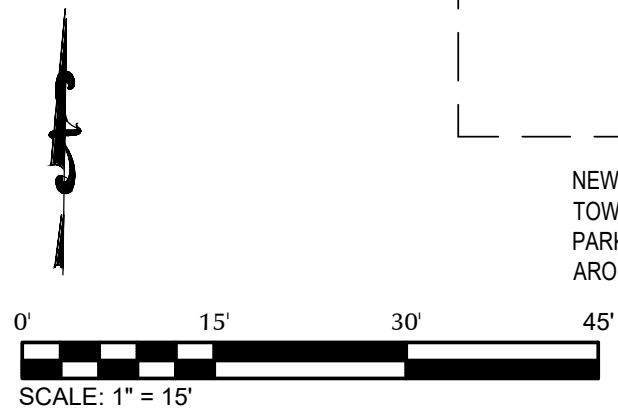
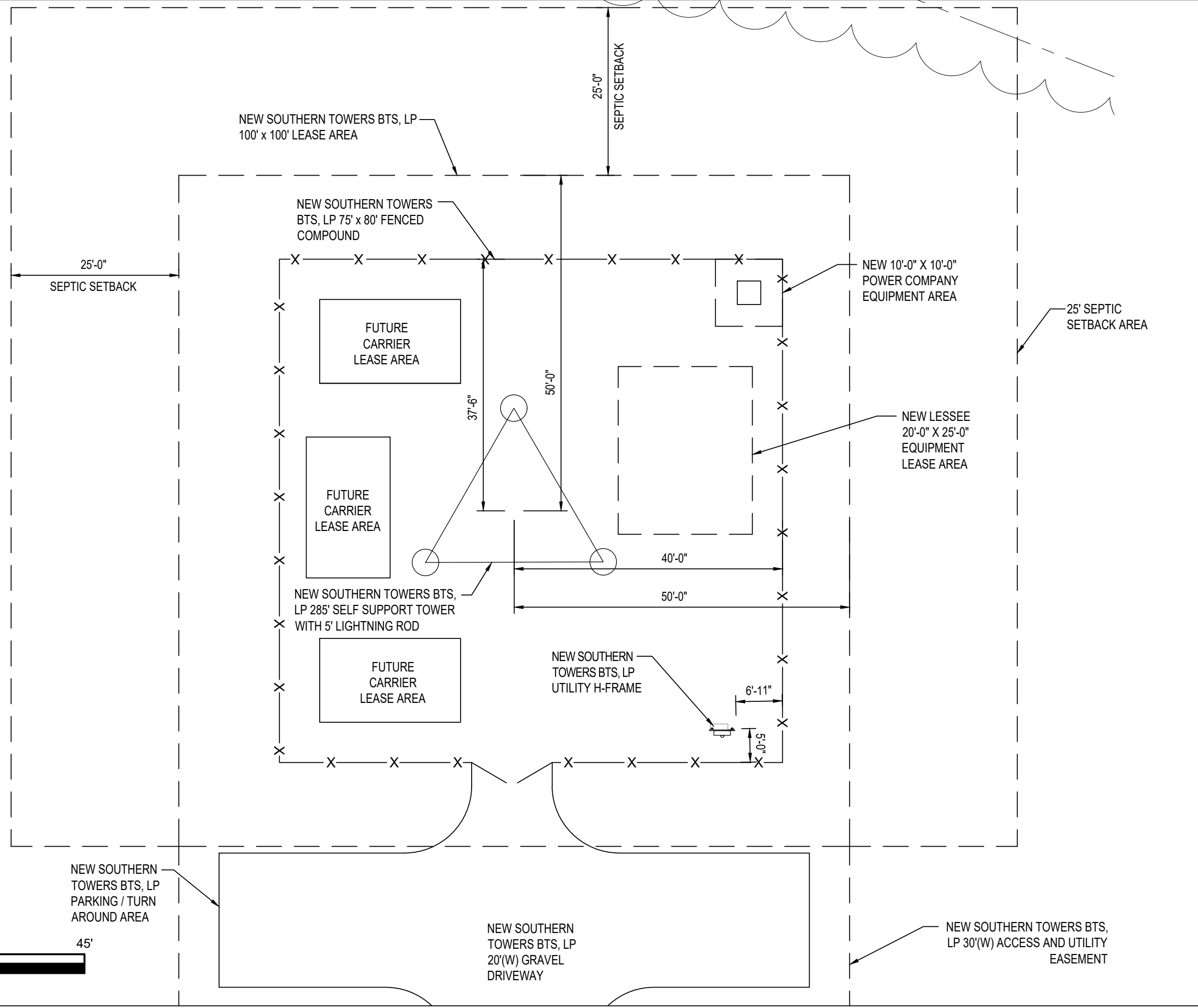


PROJECT No.	N/A
SITE NAME:	BEAR_MAPLE
SITE NUMBER:	NC-039
SITE ADDRESS:	±4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
DESIGN TYPE:	RAWLAND

SHEET TITLE:
**OVERALL SITE
LAYOUT PLAN**

DRAWING NO.	REVISION:
Z2	3

NO EXISTING OR PROPOSED SEPTIC SYSTEMS WITHIN 25' OF PROPOSED LEASE AREA.



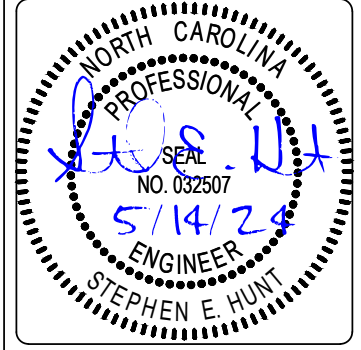
SouthernTowers BTS

TeleCAD Wireless
 1961 NORTHPOINT BLVD. SUITE 130
 HIXSON, TN 37343
 PH : 423-843-9500 / FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	N/A
DRAWN BY:	PLS
CHECKED BY:	DLS

REVISIONS		
NO.	DATE	DESCRIPTION
3	05/14/24	ZONING ISSUE
2	04/18/24	ZONING ISSUE
1	03/11/24	ZONING ISSUE
0	12/21/23	ZONING ISSUE
A	12/15/23	ZONING REVIEW



PROJECT No.	N/A
SITE NAME:	BEAR_MAPLE
SITE NUMBER:	NC-039
SITE ADDRESS:	±4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
DESIGN TYPE:	RAWLAND

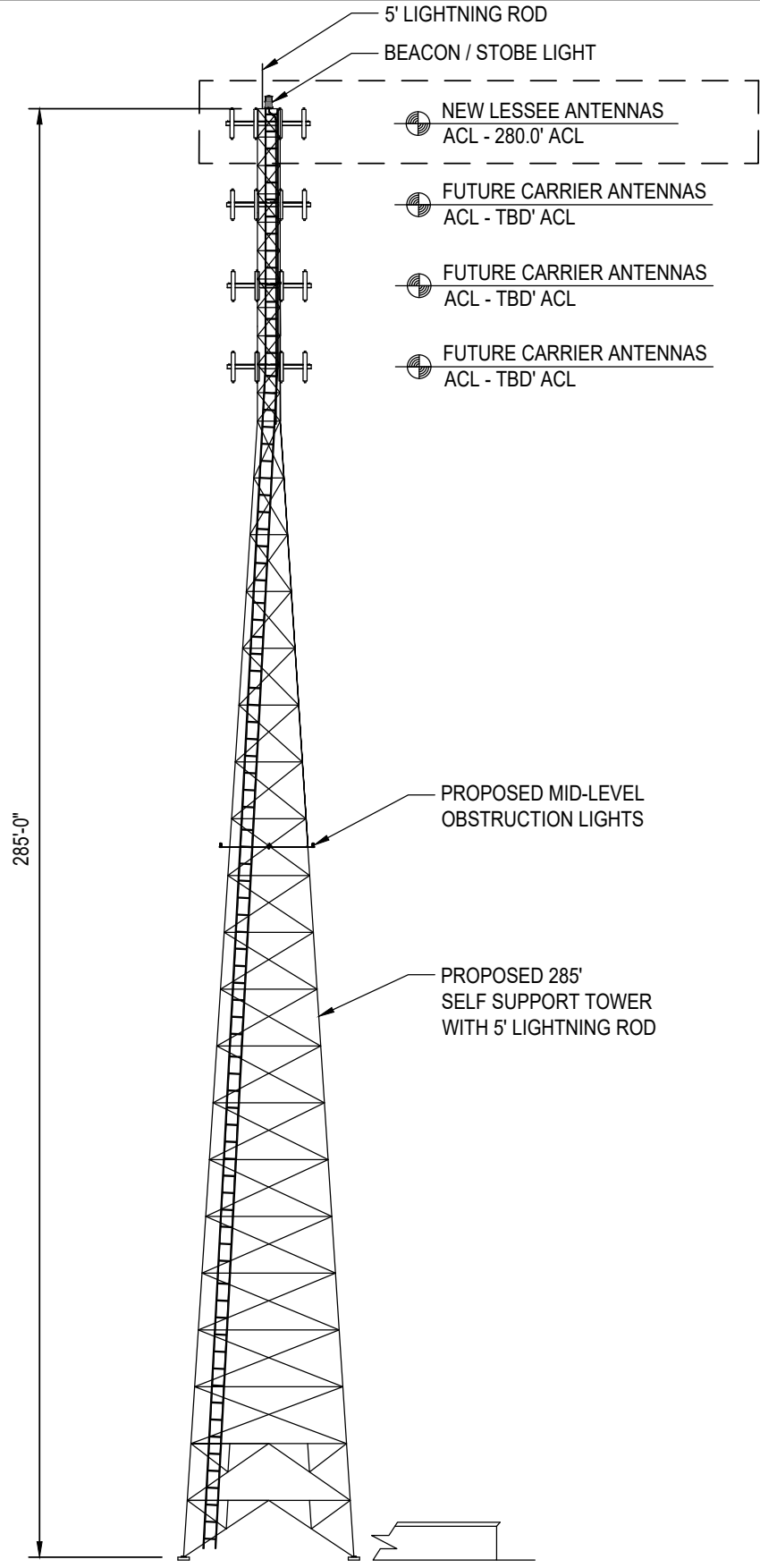
SHEET TITLE:
ENLARGED SITE PLAN

DRAWING NO.	REVISION:
Z3	3

NO ADVERTISING ALLOWED ON
TOWER OR FENCED COMPOUND

TOWER SHALL BE EQUIPPED
WITH ANTI-CLIMBING DEVICE

STRUCTURAL NOTES:
 1. STRUCTURAL ANALYSIS PERFORMED BY OTHERS. CONTRACTOR TO COORDINATE WITH TOWER OWNER REPRESENTATIVE TO OBTAIN A COPY OF THE STRUCTURAL REPORT.
 2. LINES AND ANTENNAS WORK SHALL NOT COMMENCE WITHOUT A PASSING STRUCTURAL REPORT IN HAND.



TOWER ELEVATION
NTS

SouthernTowers BTS

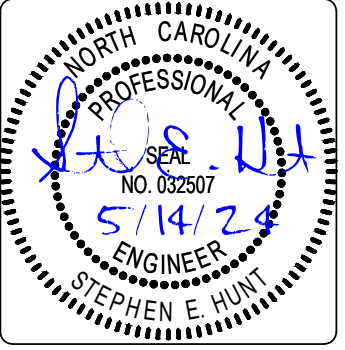


1961 NORTHPOINT BLVD. SUITE 130
HIXSON, TN 37343
PH : 423-843-9500 / FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	N/A
DRAWN BY:	PLS
CHECKED BY:	DLS

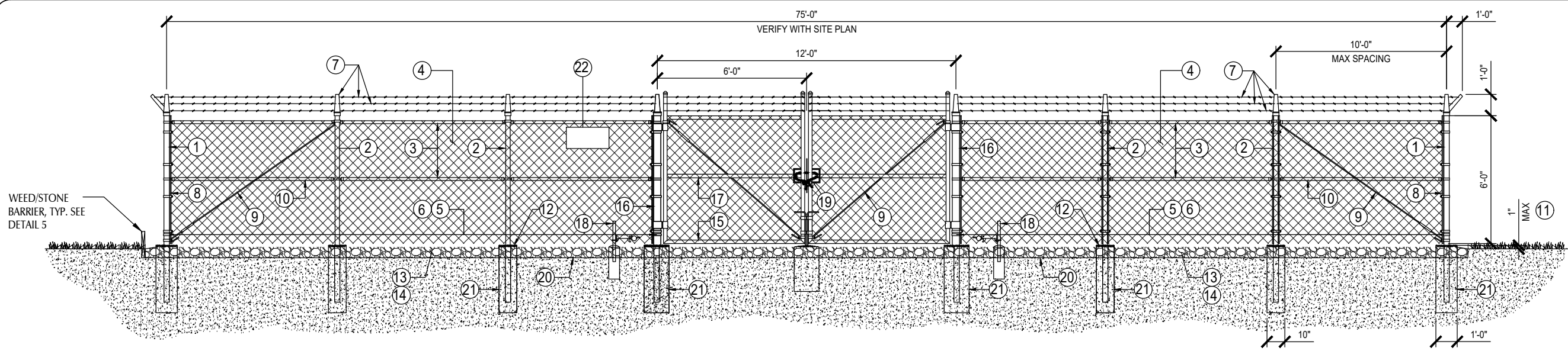
REVISIONS		
NO.	DATE	DESCRIPTION
3	05/14/24	ZONING ISSUE
2	04/18/24	ZONING ISSUE
1	03/11/24	ZONING ISSUE
0	12/21/23	ZONING ISSUE
A	12/15/23	ZONING REVIEW



PROJECT No.	N/A
SITE NAME:	BEAR_MAPLE
SITE NUMBER:	NC-039
SITE ADDRESS:	±4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
DESIGN TYPE:	RAWLAND

SHEET TITLE:
SITE DETAILS

DRAWING NO.	REVISION:
Z4	3



1 TYPICAL FENCING DETAIL

SCALE: N.T.S.

SouthernTowers BTS

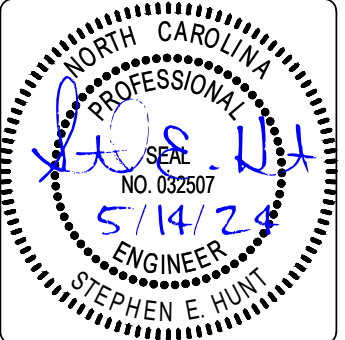


1961 NORTHPOINT BLVD. SUITE 130
HIXSON, TN 37343
PH : 423-843-9500 / FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	N/A
DRAWN BY:	PLS
CHECKED BY:	DLS

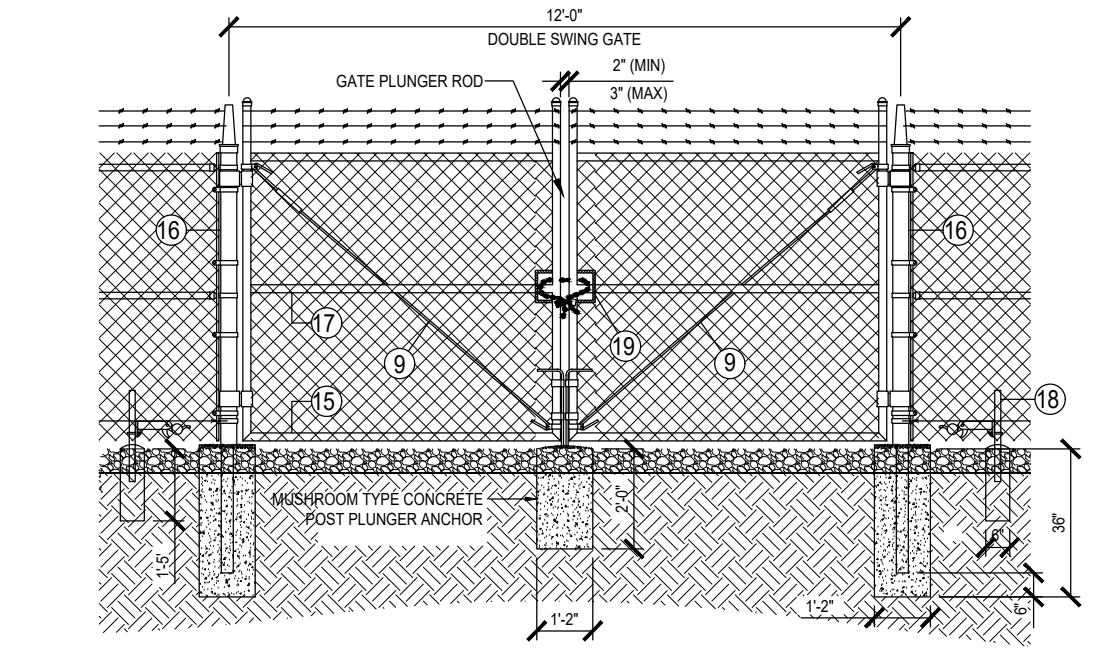
REVISIONS		
NO.	DATE	DESCRIPTION
3	05/14/24	ZONING ISSUE
2	04/18/24	ZONING ISSUE
1	03/11/24	ZONING ISSUE
0	12/21/23	ZONING ISSUE
A	12/15/23	ZONING REVIEW



PROJECT No.	N/A
SITE NAME:	BEAR_MAPLE
SITE NUMBER:	NC-039
SITE ADDRESS:	±4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
DESIGN TYPE:	RAWLAND

SHEET TITLE:
SITE DETAILS

DRAWING NO.	REVISION:
Z5	3



2 DOUBLE-SWING GATE DETAIL

SCALE: N.T.S.

GENERAL NOTES:

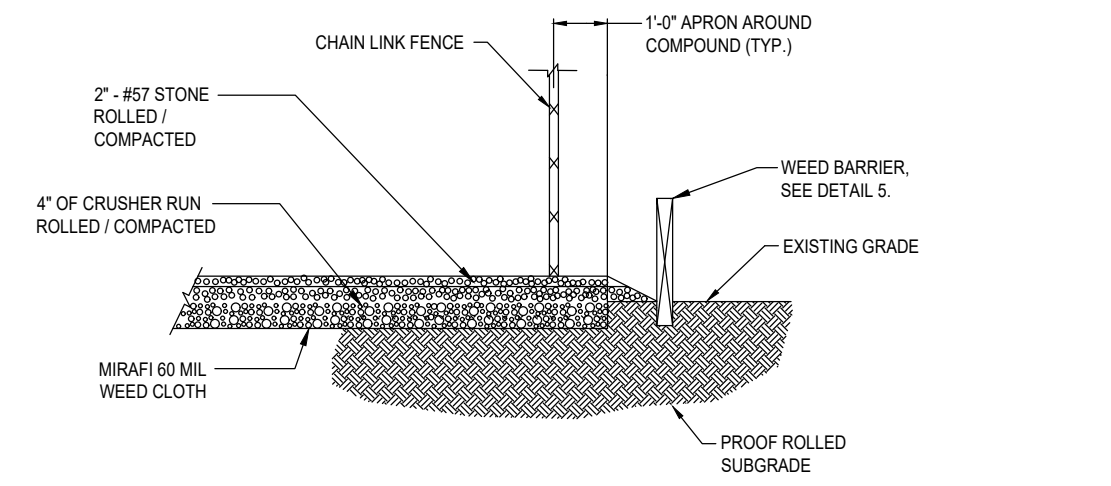
1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM F- 900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED.
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE GALVANIZED (HOT DIP, ASTM A120 GRADE "A" STEEL). ALL GATE FRAMES SHALL BE WELDED. ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV. (OR EQUAL).
5. ALL OPEN POSTS SHALL HAVE END-CAPS.
6. USE GALVANIZED HOG-RING WIRE TO MOUNT ALL SIGNS.
7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC.
8. MUSHROOM ANCHOR & PLUNGER REQUIRED FOR GATE.
9. G.C. RESPONSIBLE FOR APC TOWERS COMBO GATE LOCK

3 GENERAL NOTES

BALLOON REFERENCE NOTES:

- 1 CORNER, END OR PULL POST: 3" O.D. SCHEDULE 40 PIPE.
- 2 LINE POST: 2 1/2" NOMINAL SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 10'-0" O.C.
- 3 TOP RAIL & BRACE RAIL: 1-5/8"O.D. STANDARD ROUND PIPE, PER ASTM-F1083.
- 4 FABRIC: 9 GA CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392. (GREEN VINYL COATED)
- 5 TIE WIRE: 9 GA ALUMINUM. A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED 12" O.C. POSTS/GATES AND 24" RAILS/WIRE.
- 6 TENSION WIRE: 9 GA ALUMINUM
- 7 INSTALL 6 STRAND CORNER BARB WIRE V-ARM ON ALL POSTS. BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH WITH FABRIC. 14 GA, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
- 8 3/16" X 3/4" (MIN) FULL HEIGHT STRETCHER BAR.
- 9 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD.
- 10 FENCE CORNER POST BRACE: 1 5/8" NOMINAL PIPE.
- 11 1" MAXIMUM CLEARANCE FROM FINISH GRADE.
- 12 FENCE POST FOUNDATION TO BE 1" FINISH ABOVE FINISHED GRADE
- 13 6" COMPACTED BASE MATERIAL
- 14 FINISH GRADE SHALL BE UNIFORM AND LEVEL.
- 15 WELDED GATE FRAME: 2" O.D., SCHEDULE 40 PIPE, PER ASTM-F1083.
- 16 GATE POST 4" O.D., SCHEDULE 40 PIPE, PER ASTM-F1083.
- 17 GATE FRAME BRACE RAIL 1 1/2" NOMINAL PIPE, PER ASTM-F1083.
- 18 DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION.
- 19 CONTRACTOR TO SUPPLY & INSTALL A 3/8" X 36" FORGED ZINC COATED CHAIN W/ A FOUR DIGIT COMBO MASTER LOCK W/ ELONGATED SHANK.
- 20 GEOTEXTILE FABRIC
- 21 CONCRETE FOUNDATION (MIN 3000 PSI). MINIMUM DEPTH: 36"
- 22 SOUTHERN TOWERS BTS, LP SITE INFORMATION SIGN.

6 FENCING NOTES

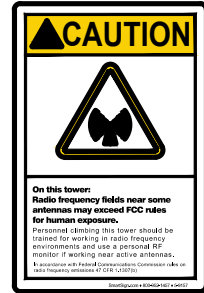


4 COMPOUND FINISH DETAIL

SCALE: N.T.S.

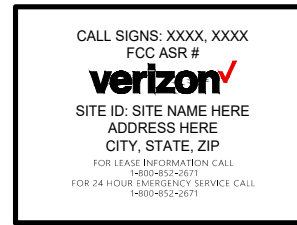
5 DETAIL NOT USED

SCALE: N.T.S.

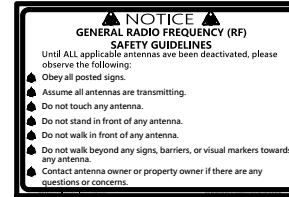


① CAUTION SIGN - 12" X 8"
NTS

-PLACED ON TOWER
-USE A DECAL ON MONOPOLE AND METAL SIGN ON SELF-SUPPORT TOWER OR GUYED TOWER

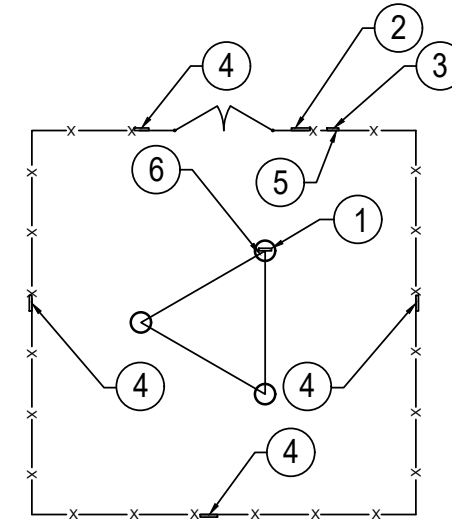


② SITE ID SIGN - 18" X 24"
NTS

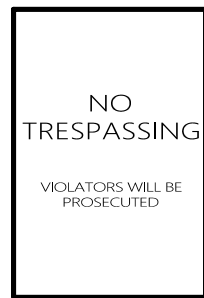


③ NOTICE SIGN - 8" X 12"
NTS

-PLACED ON FENCE

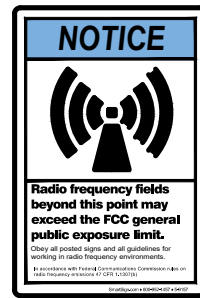


- 1. CAUTION (12" X 8")
- 2. SITE ID (18" X 24")
- 3. NOTICE (8" X 12")
- 4. NO TRESPASSING (12" X 8")
- 5. RF GUIDELINES (12" X 8")
- 6. ASR# (3" NUMBERS)



④ NO TRESPASSING SIGN - 12" X 8"
NTS

-PLACED ON ALL FOUR SIDES OF THE COMPOUND



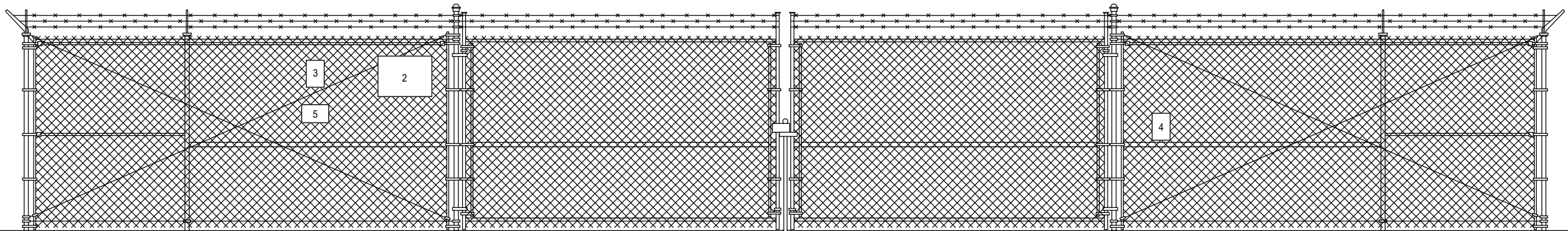
⑤ RF GUIDELINES SIGN - 12" X 8"
NTS

-PLACED ON FENCE



⑥ ASR#
NTS

-WHEN REQUIRED, PLACE ON TOWER
-USE A DECAL ON MONOPOLE AND METAL SIGN ON SELF-SUPPORT TOWER OR GUYED TOWER
-LETTERS TO BE 3" MIN



FENCED COMPOUND DETAILS
NTS

①

SouthernTowers BTS

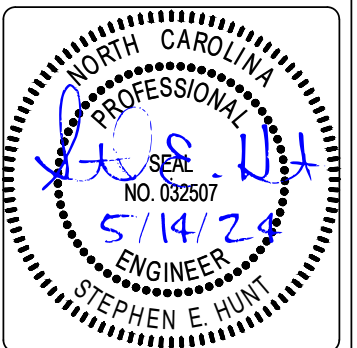


1961 NORTHPOINT BLVD. SUITE 130
HIXSON, TN 37343
PH : 423-843-9500 / FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	N/A
DRAWN BY:	PLS
CHECKED BY:	DLS

REVISIONS		
NO.	DATE	DESCRIPTION
3	05/14/24	ZONING ISSUE
2	04/18/24	ZONING ISSUE
1	03/11/24	ZONING ISSUE
0	12/21/23	ZONING ISSUE
A	12/15/23	ZONING REVIEW



PROJECT No.	N/A
SITE NAME:	BEAR_MAPLE
SITE NUMBER:	NC-039
SITE ADDRESS:	±4162 BONLEE BENNETT ROAD BEAR CREEK, NC 27207
DESIGN TYPE:	RAWLAND

SHEET TITLE:
SIGNAGE DETAILS

DRAWING NO.	REVISION:
Z6	3