COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF TAG TOWERS III, LLC, AND CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT A WIRELESS COMMUNICATIONS FACILITY IN THE COMMONWEALTH OF KENTUCKY IN THE COUNTY OF MARSHALL	)	CASE NO. 2026-00282

SITE NAME: BENTON SOUTH

* * * * * * *

APPLICATION FOR
CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
FOR CONSTRUCTION OF A WIRELESS COMMUNICATIONS FACILITY

TAG Towers III, LLC and Cellco Partnership, d/b/a Verizon Wireless and ("Co-Applicants"), by counsel, pursuant to (i) KRS §§278.020, 278.040, 278.650, 278.665, and other statutory authority, and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit this Application requesting issuance of a Certificate of Public Convenience and Necessity ("CPCN") from the Kentucky Public Service Commission ("PSC") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Co-Applicant with wireless communications services.

In support of this Application, Co-Applicants respectfully provide and state the following information:

1. The complete name and address of the Co-Applicants:

    a. TAG Towers III, LLC, having a local address of 108 Forbes Court, Suite 1; Richmond, KY 40475.

b. Cellco Partnership, d/b/a Verizon Wireless, having a local address of 2902 Ring Road, Elizabethtown, KY, 42701.

2. Co-Applicants:

a. TAG Towers III, LLC is a Delaware limited liability company and copies of the formation document and the Statement of Good Standing from Delaware, and the Certificate of Authorization is on file with the Secretary of State of Commonwealth of Kentucky, are included as part of **Exhibit A**.

b. Cellco Partnership, d/b/a Verizon Wireless is a Delaware general partnership and a copy of the Statement of Good Standing from Delaware, and the Certificate of Assumed Name is on file with the Secretary of State of Commonwealth of Kentucky and included as part of **Exhibit A**.

3. Co-Applicants propose construction of an antenna tower for communications services, which is to be located in an area outside the jurisdiction of a planning commission, and Co-Applicants submit this application to the PSC for a certificate of public convenience and necessity pursuant to KRS §§ 278.020(1), 278.040, 278.650, 278.665, and other statutory authority.

4. The Co-Applicant operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of the Co-Applicants' Antenna Structure Registration with Authorization to provide wireless services is attached to this Application or described as part of **Exhibit B**, and the facility will be constructed and operated in accordance with applicable FCC regulations.

5. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve the Co-Applicant's services to an area

currently not served or not adequately served by the Co-Applicants by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless communications services. A statement from Co-Applicants' RF Design Engineers outlining said need is attached as **Exhibit Q** along with Propagation Maps attached as **Exhibit R**. The WCF is an integral link in the Applicant's network design that must be in place to provide adequate coverage to the service area.

6. To address the above-described service needs, Co-Applicants propose to construct a WCF located on Toy York Road; Benton KY 42025 (North Latitude: 36° 48' 58.64", West Longitude 88° 21' 01.68"), on a parcel of land located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is owned by RB Enterprises, LLC to a Deed recorded in Deed Book 480 Page 390 - 393 recorded on October 5, 2020, in the office of the Marshall County Clerk as Instrument Number 1032998. The proposed WCF will consist of a 250-foot-tall, self-supporting, tower, with an approximately 4-foot-tall lightning arrestor attached at the top, for a total height of 254-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of the Co-Applicants' radio electronics equipment and appurtenant equipment. The Co-Applicants' equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit C** and **Exhibit D**.

7. A list of utilities, corporations, or persons with whom the proposed WCF is likely to compete along with a map showing the proposed location as well as the identified like facilities is attached as **Exhibit E**.

8. The site development plan and a vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the Co-Applicant has also been included as part of **Exhibit C**.

9. Foundation design plans signed and sealed by a professional engineer registered in Kentucky and a description of the standards according to which the tower was designed are included as part of **Exhibit D**.

10. Co-Applicants have considered the likely effects of the installation of the proposed WCF on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to co-locate Co-Applicant's antennas on an existing structure. When suitable towers or structures exist, Co-Applicant attempts to co-locate on existing structures such as communications towers or other structures capable of supporting Co-Applicant's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site. A statement from Co-Applicant, Cellco Partnership, d/b/a Verizon Wireless's RF Design Engineer outlining exploration of co-location opportunities is attached as **Exhibit Q**.

11. A copy of the Federal Aviation Administration's ("FAA") Determination of No Hazard (Aeronautical Study No. 2026-ASO-13279-OE) is attached as **Exhibit F**.

12. A copy of the Kentucky Airport Zoning Commission ("KAZC") documentation of Application is attached as **Exhibit G**. The KAZC Approval will be provided as soon as received.

13. A geotechnical engineering report was performed at the WCF site by Engineered Tower Solutions, PLLC; 3227 Wellington Court; Raleigh, NC 27615, dated August 17, 2026, and is attached as **Exhibit H**. The name and address of the geotechnical engineering firm and the

professional engineer registered in Kentucky who prepared the report are included as part of **Exhibit H** and **Exhibit S**.

14. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit I**. The name and telephone number of the preparer of **Exhibit I** are included as part of this exhibit.

15. Applicant, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement or an abbreviated agreement recorded with the County Clerk is attached as **Exhibit J**.

16. Personnel directly responsible for the design and construction of the proposed WCF are well qualified and experienced. The tower and foundation drawings for the proposed tower submitted as part of **Exhibit D** bear the signature and stamp of a professional engineer registered in the Commonwealth of Kentucky. All tower designs meet or exceed the minimum requirements of applicable laws and regulations. The identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibit S**.

17. The Construction Manager for the proposed facility is Richie Pennington and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibit S**.

18. As noted on the Survey attached as part of **Exhibit C**, the surveyor has determined that the tower site and access easement are not within any flood hazard area per Flood Hazard Boundary Map, Community Panel Number 21157C0153E, Dated June 2, 2011.

19. **Exhibit C** includes a map drawn to an appropriate scale that shows the location of the proposed tower and identifies every owner of real estate within 500 feet of the proposed tower, every owner of real estate within 200 feet of the access road including intersection with the public

street system and all abutting property owners (according to the records maintained by the County Property Valuation Administrator). Attached as **Exhibit K** is the Notification List with screen shots of the PVA records verified and updated using the Marshall County PVA on September 23, 2026. **Exhibit C** also identifies every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system.

20. Co-Applicants have sent certified notices to every person who, according to the records of the County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and informed of his or her right to request intervention. A list of the notified property owners, verified on September 23, 2026, using the Marshall County Kentucky Property Valuation Administration records and a copy of the form of the notice sent by certified mail to each landowner on September 29, 2026, are attached as **Exhibit K** and **Exhibit L**, respectively. Eleven (11) notices were sent to surrounding property owners; to date seven (7) notice green cards have been returned, one (1) notice to RB Enterprises (owner of the subject property) was delivered on October 5, 2026, with no green card returned; and three (3) notices to unclaimed and being returned. Copies of the mailed envelopes and returned green cards and USPS tracking are included in **Exhibit L**.

21. Co-Applicants have notified the applicable County Judge/Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the County Judge/Executive

of his/her right to request intervention. A copy of this notice along with a copy of the mailed envelope and returned green card is attached as **Exhibit M**.

22. Notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2) that measure at least 2 feet in height and 4 feet in width and that contain all required language in letters of required height, have been posted, one in a visible location on the proposed site and one on the nearest public road. Such signs shall remain posted for at least two weeks after filing of the Application, and a copy of the posted text is attached as **Exhibit N**.

23. A legal notice advertisement regarding the location of the proposed facility has been published in a newspaper of general circulation in the county in which the WCF is proposed to be located. A copy of the newspaper legal notice advertisement is attached as **Exhibit O**.

24. The area of the proposed facility is in the unincorporated area of Marshall County, Kentucky. The site is located on Toy York Road; Benton, Kentucky 42025. The site is located at the north intersection of Toy York Road and Highway 641 / Main Street. The location is screened from Toy York Road, Highway 641 / Main St, by established wood lots and bordered by self-storage to the north. The parcel is generally wooded and bordered by Toy York Road to the West and Main Street to the East. The terrain is generally flat. There is no zoning or Plan Commission in this area of Marshall County. The proposed facility is removed a significant distance from any residential structures. The nearest residential structure is approximately 447 feet from the proposed tower site.

25. The process that was used by the Co-Applicant's radio frequency engineers in selecting the site for the proposed WCF was consistent with the general process used for selecting all other existing and proposed WCF facilities within the proposed network design area. Co-Applicant's radio frequency engineers have conducted studies and tests in order to develop a highly

efficient network that is designed to handle voice and data traffic in the service area. The engineers determined an optimum area for the placement of the proposed facility in terms of elevation and location to provide the best quality service to customers in the service area. A radio frequency design search area prepared in reference to these radio frequency studies was considered by the Co-Applicant when searching for sites for its antennas that would provide the coverage deemed necessary by the Co-Applicant. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should be located pursuant to radio frequency requirements is attached as **Exhibit P**.

26. The tower must be located at the proposed location and proposed height to provide necessary service to wireless communications users in the subject area, as set out and documented in the RF Design Engineer's Statement of Need and Propagation Maps attached as **Exhibit Q** and **Exhibit R,** respectively. The proposed tower will expand and improve voice and data service for Verizon Wireless customers.

27. Attached hereto as **Exhibit T** please find an Affidavit of Certification for all information contained in this application.

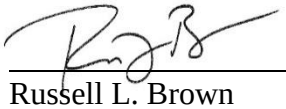
28. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

29. All responses and requests associated with this Application may be directed to:

Russell L. Brown
Clark, Quinn, Moses, Scott & Grahn, LLP
320 North Meridian Street, Suite 1100
Indianapolis, IN 46204
Phone: (317) 637-1321
FAX: (317) 687-2344
Email: rbrown@clarkquinnlaw.com

WHEREFORE, Co-Applicants respectfully request that the PSC accept the foregoing Application for filing and, having met the requirements of KRS §§278.020(1), 278.650, and 278 .665 and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the WCF at the location set forth herein.

Respectfully submitted,



Russell L. Brown
Clark, Quinn, Moses, Scott & Grahn, LLP
320 North Meridian Street, Suite 1100
Indianapolis, IN 46204
Phone: (317) 637-1321 / FAX: (317) 687-2344
Email: rbrown@clarkquinnlaw.com
Attorney for Cellco Partnership d/b/a Verizon Wireless

LIST OF EXHIBITS

A	Applicant Entities
B	FCC Application for ASR
C	Site Development Plan: 500' Vicinity Map Legal Descriptions Flood Plain Certification Site Plan Vertical Tower Profile
D	Tower and Foundation Design
E	Competing Utilities, Corporations, or Persons List And Map of Like Facilities in Vicinity
F	FAA Application
G	KAZC Documentation of Application
H	Geotechnical Report
I	Directions to WCF Site
J	Real Estate Agreement
K	Notification Listing with PVA Verification
L	Property Owner Notification
M	County Judge/Executive notice
N	Posted Notices
O	Newspaper Legal Notice Advertisement
P	Radio Frequency Design Search Area
Q	Copy of RF Design Engineer Statement of Need
R	Propagation Maps
S	List of Qualified Professionals
T	Affidavit of Certification

COMMONWEALTH OF KENTUCKY

Michael G. Adams
Secretary of State

Certificate

I, Michael G. Adams, Secretary of State for the Commonwealth of Kentucky, do hereby certify that the foregoing writing has been carefully compared by me with the original thereof, now in my official custody as Secretary of State and remaining on file in my office, and found to be a true and correct copy of

CERTIFICATE OF ASSUMED NAME OF VERIZON WIRELESS ADOPTED BY GENERAL PARTNERS OF CELLCO PARTNERSHIP FILED JUNE 21, 2006.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 10th day of May, 2023.

COMMONWEALTH OF KENTUCKY
OFFICE OF SECRETARY OF STATE

Michael G. Adams
Secretary of State
Commonwealth of Kentucky
kdcoleman/0641227 - Certificate ID: 290787

COMMONWEALTH OF KENTUCKY
TREY GRAYSON
SECRETARY OF STATE

0641227.07 Dcornish C226
Trey Grayson
Secretary of State
Received and Filed
06/21/2006 12:06:09 PM
Fee Receipt: $20.00

CERTIFICATE OF ASSUMED NAME

This certifies that the assumed name of

Verizon Wireless

[Name under which the business will be conducted]

has been adopted by See Addendum

[Real name - KRS 365.015(1)]

which is the "real name" of [YOU MUST CHECK ONE]

- [ ] a Domestic General Partnership
- [ ] a Domestic Registered Limited Liability Partnership
- [ ] a Domestic Limited Partnership
- [ ] a Domestic Business Trust
- [ ] a Domestic Corporation
- [ ] a Domestic Limited Liability Company
- [ ] a Joint Venture
- [✓] a Foreign General Partnership
- [ ] a Foreign Registered Limited Liability Partnership
- [ ] a Foreign Limited Partnership
- [ ] a Foreign Business Trust
- [ ] a Foreign Corporation
- [ ] a Foreign Limited Liability Company

organized and existing in the state or country of Delaware, and whose address is

One Verizon Way	Basking Ridge	NJ	07920
Street address, if any	City	State	Zip Code

The certificate of assumed name is executed by

NYNEX PCS Inc.

Jane A. Schapker-Assistant Secretary
Print or type name and title

June 15, 2006
Date

Signature

Print or type name and title

Date

SSC-225 (7/96) (See attached sheet for instructions)

Addendum

The full name of the Partnership is Cellco Partnership; a Delaware general partnership with its headquarters located One Verizon Way, Basking Ridge NJ 07920-1097.

General Partners of Cellco Partnership	**Address**
Bell Atlantic Cellular Holdings, L.P.	One Verizon Way Basking Ridge, NJ 07920
NYNEX PCS Inc.	One Verizon Way Basking Ridge, NJ 07920
PCSCO Partnership	One Verizon Way Basking Ridge, NJ 07920
GTE Wireless Incorporated	One Verizon Way Basking Ridge, NJ 07920
GTE Wireless of Ohio Incorporated	One Verizon Way Basking Ridge, NJ 07920
PCS Nucleus, L.P.	2999 Oak Road, 7th Floor Walnut Creek, CA 94597
JV PartnerCo, LLC	2999 Oak Road, 7th Floor Walnut Creek, CA 94597

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "CELLCO PARTNERSHIP" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE TWENTY-SEVENTH DAY OF APRIL, A.D. 2023.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.





3341134 8300

Authentication: 203227418

SR# 20231665976

Date: 04-27-23

You may verify this certificate online at corp.delaware.gov/authver.shtml

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "TAG TOWERS LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE TWENTY-SECOND DAY OF AUGUST, A.D. 2023.

Jeffrey W. Bullock, Secretary of State

6311703 8300

SR# 20233314766

Authentication: 204019585

Date: 08-22-23

You may verify this certificate online at corp.delaware.gov/authver.shtml

1318088.06	mwellman ADD
Michael G. Adams **Kentucky Secretary of State** Received and Filed: 10/30/2023 2:59 PM Fee Receipt: $90.00	

COMMONWEALTH OF KENTUCKY
MICHAEL G. ADAMS, SECRETARY OF STATE

Division of Business Filings
P.O. Box 718
Frankfort, KY 40602
(502) 564-3490
www.sos.ky.gov

Certificate of Authority
(Foreign Business Entity)

FBE

Pursuant to the provisions of KRS 14A – 030 the undersigned hereby applies for authority to transact business in Kentucky on behalf of the entity named below and, for that purpose, submits the following statements:

1. The entity is a:
- ☐ profit corporation
- ☐ business trust
- ☐ limited partnership
- ☐ non-profit llc
- ☐ nonprofit corporation
- ☑ limited liability company
- ☐ ltd cooperative association
- ☐ professional service corporation
- ☐ professional limited liability company
- ☐ statutory trust
- ☐ public benefit corporation
- ☐ other

2. The name of the entity is TAG Towers LLC.
(The name must be identical to the name on record with the Secretary of State.)

3. The name of the entity to be used in Kentucky is (if applicable): _____.
(Only provide if "real name" is unavailable for use; otherwise, leave blank.)

4. The state or country under whose law the entity is organized is Delaware.

5. The date of organization is 2/09/2017 and the period of duration is _____.
(If left blank, duration is considered perpetual.)

6. The mailing address of the entity's principal office is

1905 Woodstock Road Suite 2100	Roswell	GA	30075
Street Address	**City**	**State**	**Zip Code**

7. The street address of the entity's registered office in Kentucky is

108 Forbes Court	Richmond	KY	40475
Street Address (No P.O. Box Numbers)	**City**	**State**	**Zip Code**

and the name of the registered agent at that office is David Ginter.

8. The names and business addresses of the entity's representatives (secretary, officers and directors, managers, trustees or general partners):

Mark Gergel	1905 Woodstock Road Suite 2100	Roswell	GA	30075
Name	**Street or P.O. Box**	**City**	**State**	**Zip Code**
David Ginter	108 Forbes Court	Richmond	KY	40475
Name	**Street or P.O. Box**	**City**	**State**	**Zip Code**
Richie Pennington	108 Forbes Court	Richmond	KY	40475
Name	**Street or P.O. Box**	**City**	**State**	**Zip Code**

9. If a professional service corporation, all the individual shareholders, not less than one half (1/2) of the directors, and all of the officers other than the secretary and treasurer are licensed in one or more states or territories of the United States or District of Columbia to render a professional service described in the statement of purposes of the corporation.

10. I certify that, as of the date of filing this application, the above-named entity validly exists under the laws of the jurisdiction of its formation.

11. If a limited partnership, it elects to be a limited liability limited partnership. Check the box if applicable: ☐

12. If a limited liability company, check box if manager-managed: ☐

13. This application will be effective upon filing.

David Ginter Digitally signed by David Ginter Date: 2023.10.24 08:35:33 -04'00'	David Ginter, President and Owner	10/23/2023
Signature of Authorized Representative	**Printed Name & Title**	**Date**

I, David Ginter, consent to serve as the registered agent on behalf of the business entity.
Type/Print Name of Registered Agent

David Ginter Digitally signed by David Ginter Date: 2023.10.24 07:44:48 -04'00'	David Ginter	President	10/23/2023
Signature of Registered Agent	**Printed Name**	**Title**	**Date**

(2/23)

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
ANTENNA STRUCTURE REGISTRATION

OWNER: TAG Towers III

FCC Registration Number (FRN): 0037549482

ATTN: David Ginter **TAG Towers III** **108 Forbes Ct** **Richmond, KY 40475**	**Antenna Structure Registration Number** **1334633** **Issue Date** **08/31/2026**
Location of Antenna Structure **310' N of Toy York Rd and Main St** **Benton , KY 42025** **County: MARSHALL**	**Ground Elevation (AMSL)** **152.7 meters** **Overall Height Above Ground (AGL)** **77.4 meters**
Latitude **36- 48- 58.6 N** **Longitude** **088- 21- 01.7 W** **NAD83**	**Overall Height Above Mean Sea Level (AMSL)** **230.1 meters**
Center of Array Coordinates **N/A**	**Type of Structure** **LTOWER** **Lattice Tower**

Painting and Lighting Requirements:

FAA Chapters 4, 8, 15

Paint and Light in Accordance with FAA Circular Number 70/7460-1M

Conditions:

This registration is effective upon completion of the described antenna structure and notification to the Commission. **YOU MUST NOTIFY THE COMMISSION WITHIN 5 DAYS OF COMPLETION OF CONSTRUCTION OR CANCELLATION OF YOUR PROJECT, please file FCC Form 854.** To file electronically, connect to the antenna structure registration system by pointing your web browser to https://www.fcc.gov/antenna-structure-registration. Electronic filing is required. Use purpose code "NT" for notification of completion of construction; use purpose code "CA" to cancel your registration.

The Antenna Structure Registration is not an authorization to construct radio facilities or transmit radio signals. It is necessary that all radio equipment on this structure be covered by a valid FCC license or construction permit.

You must immediately provide a copy of this Registration to all tenant licensees and permittees sited on the structure described on this Registration (although not required, you may want to use Certified Mail to obtain proof of receipt), and *display* your Registration Number at the site. See reverse for important information about the Commission's Antenna Structure Registration rules.

Reference Copy

You must comply with all applicable FCC obstruction marking and lighting requirements, as set forth in Part 17 of the Commission's Rules (47 C.F.R. Part 17). These rules include, but are not limited to:

- ***Posting the Registration Number:*** The Antenna Structure Registration Number must be displayed in a conspicuous place so that it is readily visible near the base of the antenna structure. Materials used to display the Registration Number must be weather-resistant and of sufficient size to be easily seen at the base of the antenna structure. Exceptions exist for certain historic structures. See 47 C.F.R. 17.4(g)-(h).

- ***Inspecting lights and equipment:*** The obstruction lighting must be observed at least every 24 hours in order to detect any outages or malfunctions. Lighting equipment, indicators, and associated devices must be inspected at least once every three months.

- ***Reporting outages and malfunctions:*** When any top steady-burning light or a flashing light (in any position) burns out or malfunctions, the outage must be reported to the nearest FAA Flight Service Station, unless corrected within 30 minutes. The FAA must again be notified when the light is restored. The owner must also maintain a log of these outages and malfunctions.

- ***Maintaining assigned painting:*** The antenna structure must be repainted as often as necessary to maintain good visibility.

- ***Complying with environmental rules:*** If you certified that grant of this registration would not have a significant environmental impact, you must nevertheless maintain all pertinent records and be ready to provide documentation supporting this certification and compliance with the rules, in the event that such information is requested by the Commission pursuant to 47 C.F.R. 1.1307(d).

- ***Updating information:*** The owner must notify the FCC of proposed modifications to this structure; of any change in ownership; or, within 30 days of dismantlement of the structure.

Copies of the Code of Federal Regulations (which contain the FCC's antenna structure registration rules, 47 C.F.R Part 17) are available from the Government Printing Office (GPO). To purchase CFR volumes, call (202) 512-1800. For GPO Customer Service, call (202) 512-1803. For additional FCC information, consult the Antenna Homepage on the internet at https://www.fcc.gov/antenna-structure-registration or call (877) 480-3201 (TTY 717-338-2824).

Reference Copy

TAG TOWERS
108 FORBES COURT, SUITE 1
RICHMOND, KY 40475

NEW 250' SELF-SUPPORT
W/ 4' LIGHTNING ROD
TOTAL TOWER HEIGHT 254"
VERIZON ANTENNA C.L. 245'

CELLCO PARTNERSHIP
d/b/a VERIZON WIRELESS
EV BENTON SOUTH
FUZE PROJECT ID: 17616494
MDG LOCATION ID: 5000995721

KY-2014 EV BENTON SOUTH

CELL SITE

TOY YORK ROAD
BENTON, KY 42025
MARSHALL COUNTY

TOWER OWNER
TAG TOWERS III LLC
DAVID GINTER
RICHMOND, KY 40475
PH: (859) 544-5000
EMAIL: DGINTER@TAGTOWERS.COM

PROPERTY OWNER
RB ENTERPRISES, LLC
JESSE FIELDER
BENTON, KY 42025

POLICE DEPARTMENT
MARSHALL COUNTY SHERIFF
52 JUDICIAL BRIVE
BENTON, KY 42025
PH: (270) 527-3112

FIRE DEPARTMENT
BENTON FIRE DEPT
516 W. 14TH STREET
BENTON, KY 42025
PH: (270) 527-6779

TOWER OWNER LEASE AREA
75'x75'
(5,625 SQ. FT.)

VERIZON LEASE AREA
30'x16.5'
(500 SQ. FT.)

PROJECT TOTAL DISTURBED AREA

FENCE COMPOUND:	4096 SQ FT (0.09 AC)
ACCESS DRIVE:	2345 SQ FT (0.05 AC)
GROSS AREA:	6441 SQ FT (0.14 AC)

SITE COORDINATES AND ELEVATION
LATITUDE – N36° 48' 58.64" / 36.81628
LONGITUDE – W088° 21' 01.68" / -88.35046
(NAD 83)

GROUND ELEVATION – ±501' AMSL
(NAVD 88)

PROJECT SUMMARY

SITE ACQUISITION
GSS INC
RYAN HEMSTED
URBANDALE, IA 50322
PH: (515) 331-2103
EMAIL: RHEMSTED@GSSMIDWEST.COM

DESIGN ENGINEERING
MISSION 1 COMMUNICATIONS
DONALD HOEFELMEYER
FORT WAYNE, IN 46804
PH: (260) 436-3922
EMAIL: DHOEFELMEYER@M1COMM.COM

SURVEYOR
BENCHMARK SERVICES, INC.
RALPH WALLEM
HUNTINGBURG, IN 47542
PH: (812) 683-3049
EMAIL: BENCHMARK@MW.TWCBC.COM

CONSULTANT TEAM

ALL ITEMS WITHIN THESE CONSTRUCTION DOCUMENTS ARE BY TOWER OWNER'S (OWNER) GENERAL CONTRACTOR AND HIS SUB-CONTRACTOR UNLESS NOTED AS (VERIZON GC) WHICH SHALL INCLUDE VERIZON WIRELESS GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS. GENERALLY DESCRIBED BELOW:

PERMANENT ELECTRIC POWER MUST BE AVAILABLE FOR VERIZON WIRELESS AT THE METER BASE PRIOR TO THE SITE BEING AS TENANT READY

TOWER OWNER (OWNER) SCOPE:
- INSTALL NEW 250' TOWER w/ 4' LIGHTNING ROD (OSH – 254"), CONCRETE TOWER FOUNDATIONS AND CABLE SUPPORT
- INSTALL NEW 60'x60' FENCED AGGREGATE COMPOUND AND ALL GENERAL SITE CONSTRUCTION ITEMS
- INSTALL NEW AGGREGATE ACCESS DRIVE
- INSTALL NEW ELECTRICAL SERVICE TO SITE & UTILITY H-FRAME
- OBTAIN VERIZON METER WITH THE NEW ELECTRICAL SERVICE REQUEST
- INSTALL NEW TOWER & SITE SUBSURFACE GROUNDING SYSTEM
- INSTALL NEW VERIZON EQUIPMENT SUBSURFACE GROUNDING SYSTEM (IN VERIZON LEASE SPACE)
- INSTALL NEW VERIZON CONCRETE RADIO EQUIPMENT PAD
- INSTALL NEW VERIZON CONCRETE GENERATOR PAD
- INSTALL NEW VERIZON GALV. ICE BRIDGE, POSTS, AND FOUNDATIONS
- INSTALL NEW VERIZON GALV. EQUIPMENT H-FRAME, POSTS AND FOUNDATIONS AND ICE PROTECTION CANOPY
- INSTALL NEW VERIZON ELECTRIC SERVICE CONDUIT w/ PULL TAPES FROM UTILITY H-FRAME AND STUB-UP AT (VERIZON INSTALLED) INTEGRATED LOAD CENTER (ILC) LOCATION
- INSTALL NEW VERIZON CONDUITS W/ PULL TAPES FROM ILC LOCATION AND STUB-UP AT GENERATOR LOCATION
- INSTALL NEW TELCO CONDUIT(S) w/ TRACER WIRE FROM HANDHOLE(S) AT PUBLIC R.O.W. TO UTILITY H-FRAME OR HANDHOLE(S) AT COMPOUND – VERIZON HANDHOLE(S) TO BE LABELED AS "VERIZON WIRELESS ONLY"
- INSTALL NEW "VERIZON WIRELESS ONLY" TELCO CONDUIT w/ TRACER WIRE FROM UTILITY H-FRAME/COMPOUND HANDHOLE TO VERIZON EQUIPMENT FRAME

VERIZON WIRELESS (VERIZON GC) SCOPE:
- INSTALL NEW VERIZON EQUIPMENT CABINETS, PREFABRICATED GALV. RF EQUIPMENT CANOPY AND SUPPORTS
- FURNISH AND INSTALL NEW VERIZON ANTENNA MOUNT ASSEMBLY ON TOWER
- INSTALL NEW VERIZON ANTENNA, GPS ANTENNA FEEDLINE, AND RADIO EQUIPMENT
- EXTEND AND CONNECT TOWER OWNER INSTALLED SUBSURFACE GROUND LEADS TO VERIZON EQUIPMENT AND FACILITIES
- INSTALL NEW VERIZON CONDUITS w/ PULL TAPES FROM RF CABINET TO OVP H-FRAME LIT FIBER LOCATION
- INSTALL NEW VERIZON CONDUITS AND CIRCUITS FROM ILC LOCATION TO RF EQUIPMENT CABINET(S) ON VERIZON EQUIPMENT PAD
- INSTALL ILC ENCLOSURE, POWER AND FIBER JUNCTION BOXES AND ASSOCIATED CONDUIT w/ PULL TAPES ON VERIZON EQUIPMENT H-FRAME
- INSTALL VERIZON GENERATOR CIRCUITS FROM ILC LOCATION & EQUIPMENT RF EQUIPMENT CABINET TO VERIZON GENERATOR
- INSTALL NEW ELECTRIC SERVICE CONDUCTOR FROM OWNER INSTALLED UTILITY H-FRAME IN OWNER INSTALLED CONDUIT TO VERIZON INSTALLED INTEGRATED LOAD CENTER (ILC)
- INSTALL NEW GROUND OVP AND CABLING ON VERIZON EQUIPMENT H-FRAME

PROJECT DESCRIPTION

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

BUILDING CODE	2018 KENTUCKY BUILDING CODE (IBC 2015)
STRUCTURAL CODE	TIA/EIA-222 – REVISION G (INCLUDES ADDENDUM #2)
MECHANICAL CODE	2015 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE	KENTUCKY STATE PLUMBING CODE (815 KAR CHAP. 20)
ELECTRICAL CODE	2023 NATIONAL ELECTRICAL CODE (NEC) – NFPA 70
FIRE/LIFE SAFETY CODE	2018 KY FIRE CODE (NFPA 1) 2018 KY LIFE SAFETY CODE (NFPA 101)
ENERGY CODE	2012 INTERNATIONAL ENERGY CODE (COMMERCIAL)
FUEL GAS CODE	2012 NATIONAL FUEL GAS CODE (NFPA 54)

ACCESSIBILITY REQUIREMENTS
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2009 IBC BUILDING CODE.

NO WATER OR SEWER SERVICES TO/FROM THE SITE

APPLICABLE CODES

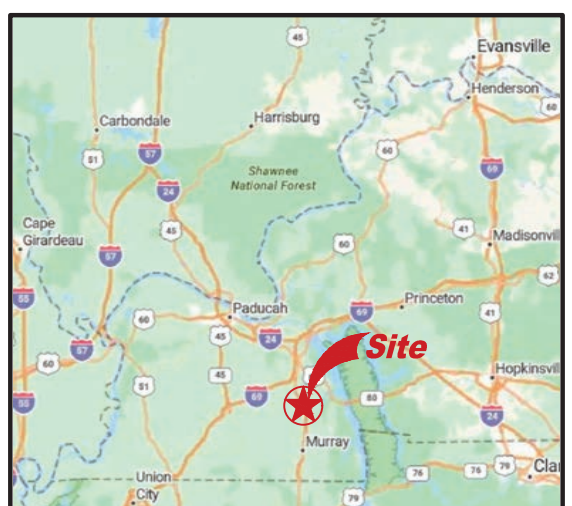
BEGINNING AT CITY HALL IN BENTON, (1101 MAIN STREET) TAKE:

S. MAIN STREET / US-641 SOUTH 3.0 MILE
TOY YORK ROAD, SHARP TURN RIGHT (NORTH) 345 FEET

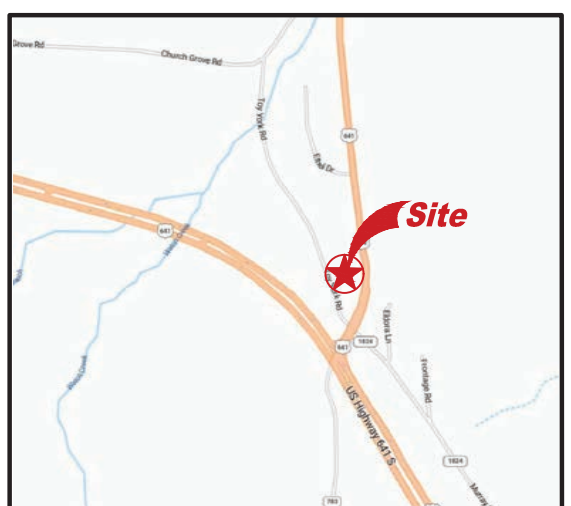
TO THE SITE ENTRANCE ON RIGHT (EAST) SIDE OF THE ROAD

SITE ENTRANCE LAT-LON: N36° 48' 57.80" / 36.81606
W088° 21' 02.69" / -88.35075

DIRECTIONS TO SITE



VICINITY MAP — VICINITY MAP PROVIDED BY BING MAPS



LOCATION MAP — LOCATION MAP PROVIDED BY BING MAPS



AERIAL MAP — AERIAL MAP PROVIDED BY GOOGLE EARTH

DRAWING INDEX

T-1	PROJECT INFORMATION, LOCATION MAPS, AND DRAWING INDEX
1 of 2	SURVEY PLAN
2 of 2	SURVEY PLAN
C-1	OVERALL SITE PLAN w/ AERIAL OVERLAY
C-1A	OVERALL SITE PLAN w/ TOWER DISTANCES TO PROPERTY LINES
C-1B	OVERALL SITE PLAN w/ TOWER DISTANCES TO RESIDENTIAL STRUCTURES
C-2	TOWER AND ACCESS EASEMENT BUFFER MAP
C-3	ADJOINING PROPERTY MAP
C-4	DETAILED AND DIMENSIONED SITE PLAN
D-1	VERIZON EQUIPMENT PAD AND CANOPY ELEVATIONS
TE-1	TOWER ELEVATION, NOTES AND DETAILS
Z-1	MARSHALL COUNTY EXISTING STRUCTURE MAP

Kentucky 811
Call 811 or
(800) 752-6007 Toll Free
48 Hours Prior To Digging

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION
STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER
July 28, 2026

RELEASE		
REV	DATE	
	05-04-2026	LEASE EXHIBIT
	07-20-2026	ZONING DRAWINGS

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

**TOY YORK ROAD
BENTON, KY 42025**

SHEET TITLE:

PROJECT INFORMATION, LOCATION MAPS, AND DRAWING INDEX

SHEET NO.:

T-1

CENTER OF TOWER
COORDINATE POINT LOCATION
NAD 1983
LATITUDE: 36°48'58.64" N (36.81628812)
LONGITUDE: 88°21'01.68" W (−88.35046622)
NAVD 1988
ELEVATION 501.30 AMSL

LINE TABLE

Ⓐ	S 05°30'58" E 30.00'
Ⓑ	S 84°29'02" W 22.50'
Ⓒ	S 05°30'58" E 39.36'
Ⓓ	N 84°29'02" E 54.80'
Ⓔ	N 05°01'47" W 39.36'

GRID NORTH BY G.P.S. OBSERVATION +/− 10 SECONDS

SCALE: 1"=40'

NORTH IS BASED ON KENTUCKY STATE PLANE COORDINATE SYSTEM SINGLE ZONE AND WAS DETERMINED BY COMPUTATION FROM G.P.S. OBSERVATION ON AUGUST 14, 2024

0 40 80

SURVEYOR NOTE:
THE DEED DESCRIPTION AS PROVIDED AND DESCRIBED IN THE TITLE WORK WAS NOT PLOTTABLE AS DESCRIBED. THEREFORE "BENCHMARK" ADVISED A BOUNDARY SURVEY BE PERFORMED ON THE PROPERTY TO CLEAR UP ALL THE DESCREPANCIES. THE BEARINGS AND DISTANCES SHOWN HERON ARE THE RESULT OF A SURVEY PERFORMED AND RECORDED AS PLAT BOOK NUMBER: H, PAGE NUMBER: 741 IN THE CLERK'S OFFICE OF MARSHALL COUNTY, KENTUCKY.

GENERAL NOTES:
THE ACCESS & UTILITY EASEMENT TERMINATE IN THE CENTER OF TOY YORK ROAD PASSING OVER THE EXISTING EAST 25 FOOT RIGHT OF WAY LINE. THE WIDTH OF TOY YORK ROAD IS 50 FEET WIDE.

THE LEASE AREA AND EASEMENT APPEAR TO LIE ENTIRELY WITHIN THE PARENT PARCEL. THE ACCESS & UTILITY EASEMENT LIE ON TRACT 1 AND TRACT 2. THE LEASE AREA LIES ON TRACT II ONLY.

AT THE TIME OF THE SURVEY, THERE WERE NO VISIBLE ENCROACHMENTS LOCATED ON THE LEASE AREA OR EASEMENTS.

FLOOD DATA THIS PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 21157C0153E WHICH HAS AN EFFECTIVE DATE OF 6/2/2011 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. THERE WAS NO FIELD SURVEY PERFORMED TO DETERMINE THIS ZONE. AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION FROM FEMA.

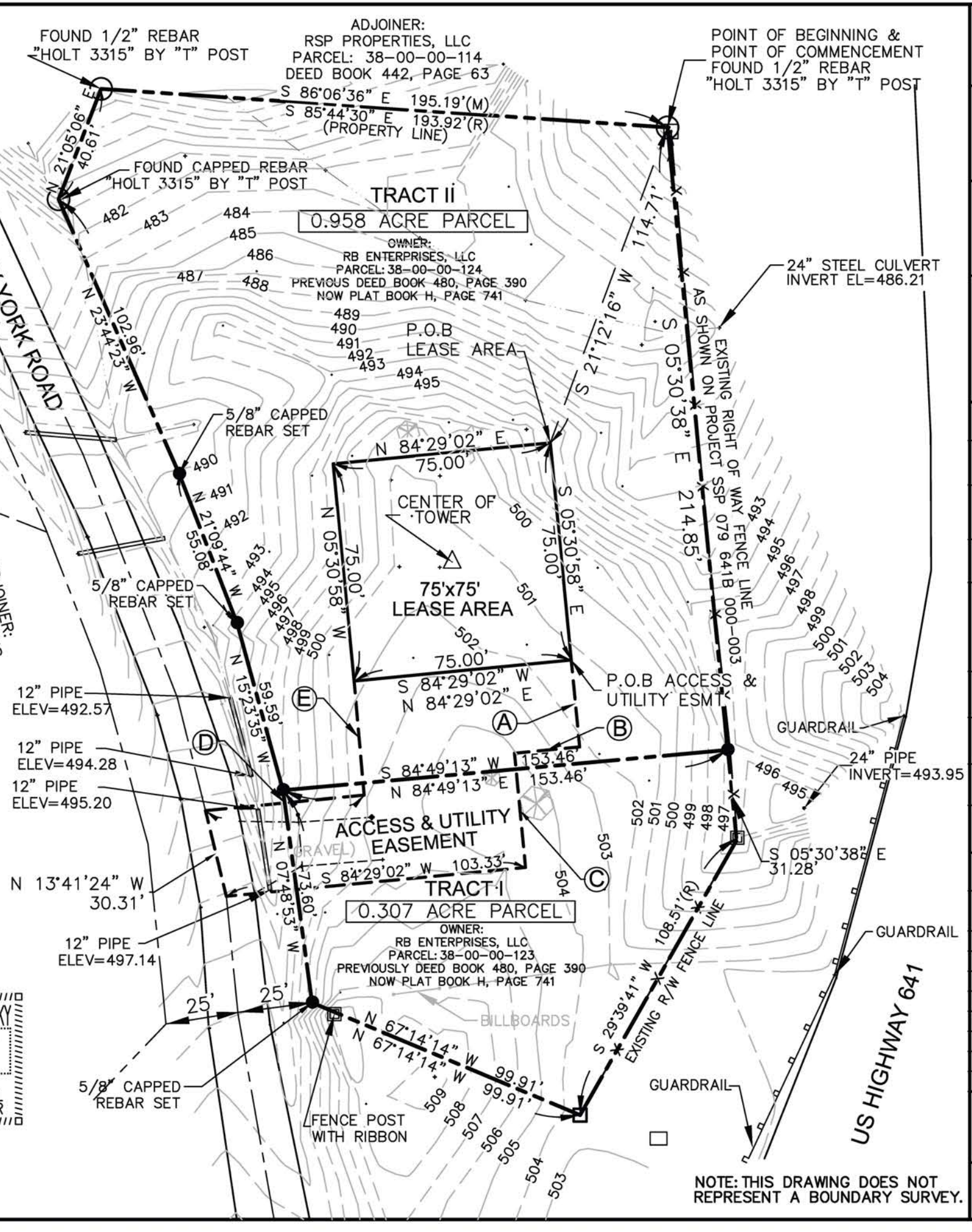
LAND SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT AND SURVEY WERE MADE UNDER MY SUPERVISION AND THAT THE ANGULAR AND LINEAR MEASUREMENTS AS WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Ralph M. Wallem

RALPH M. WALLEM PLS KENTUCKY NO. 2195

STATE OF KENTUCKY
RALPH M. WALLEM
2195
LICENSED PROFESSIONAL LAND SURVEYOR



TAG TOWERS

CELLCO PARTNERSHIP. d/b/a verizon

MISSION 1 COMMUNICATIONS
FT. WAYNE, IN 46804

BENCHMARK SERVICES, INC.
Consulting Engineers
Land Surveyors
318 North Main Street
Huntingburg, IN 47542
(812) 683-3049
benchmark@mw.twcbc.com

SITE NO: KY−2014

SITE NAME: EV BENTON SOUTH

SITE ADDRESS: TOY YORK RD BENTON, KY 42025

LEASE AREA: 5625 SQ. FT.

PROPERTY OWNER: RB ENTERPRISES, LLC 487 SILVER GILBERTSVILLE, KY 42044

COUNTY: MARSHALL COUNTY

PARCEL NO: 38−00−00−123

INSTRUMENT NUMBER: DB 480, PAGE 390

LATITUDE: 36°48'58.64" N
LONGITUDE: 88°21'01.68" W

DWG BY:	CHKD BY:	DATE:
GVW	RMW	5.19.26

NO.	REVISION/ISSUE	DATE:
1.	ADD TITLE	5.29.26
2.	AS−SURVEYED PROPERTY LINES	6.30.26

TITLE: SURVEY PLAN

SHEET: 1 OF 2

TITLE COMMITMENT
TOWER TITLE

Title File No.: MTA–238054–PR
Client File No.: TAG Towers III, LLC – KY–2014 Benton South
Effective Date: 6/11/1975 to 4/15/2026
Address Reference: 0 Toy York Road, Benton, KY 42025
Parcel ID No.: 38–00–00–123

VESTING
RB Enterprises LLC

SURVEYOR'S CERTIFICATION

I CERTIFY TO: TAG TOWERS III, LLC, TOWER TITLE

THAT THIS PLAT AND SURVEY WERE MADE BY ME UNDER MY SUPERVISION, AND THAT THE ANGULAR AND LINEAR MEASUREMENTS, AS WITNESSED BY MONUMENTS SHOWN HEREON, ARE TRUE AND CORRECT TO THE BEST OF MY ABILITY AND BELIEF. THIS SURVEY AND PLAT MEETS OR EXCEEDS THE MINIMUM STANDARDS OF THE GOVERNING AUTHORITIES.

SURVEYOR STATEMENT–MY COMMENTS ARE BASED SOLELY ON THE TITLE DOCUMENT THAT HAVE BEEN SUPPLIED TO ME BY THE TITLE COMPANY. SINCE THE TITLE DOCUMENTS ARE FURNISHED FOR THE PARENT TRACT, OUR TOPOGRAPHIC SURVEY IS OF A PORTION OF THAT TRACT. MY COMMENTS ARE RESTRICTED TO EXCLUSIONS THAT I CAN DETERMINE AFFECT ONLY OUR PORTION OF THE PARENT TRACT.

SURVEYOR NOTE:
THE DEED DESCRIPTION AS PROVIDED AND DESCRIBED IN THE TITLE WORK WAS NOT PLOTTABLE AS DESCRIBED. THEREFORE "BENCHMARK" ADVISED A BOUNDARY SURVEY BE PERFORMED ON THE PROPERTY TO CLEAR UP ALL THE DISCREPANCIES. THE BEARINGS AND DISTANCES SHOWN HERON ARE THE RESULT OF A SURVEY PERFORMED AND RECORDED AS HEREIN PLAT BOOK NUMBER: H, PAGE NUMBER: 741 IN THE CLERK'S OFFICE OF MARSHALL COUNTY, KENTUCKY.

SCHEDULE "B" ITEMS
THERE ARE NO EASEMENTS OR RESTRICTIONS TO ADDRESS.

Ralph M. Wallem

RALPH M. WALLEM KY LS 2195

STATE OF KENTUCKY
RALPH M. WALLEM
2195
LICENSED PROFESSIONAL LAND SURVEYOR

PARENT PARCEL DESCRIPTION

AS-SURVEYED PARENT PARCEL:
BOOK NAME: PLAT, BOOK NUMBER: H, PAGE NUMBER: 741, AS RECORDED IN THE CLERK'S OFFICE

RB ENTERPRISES, LLC SURVEYED DESCRIPTION

TRACT I
COMMENCING AT AN IRON PIN FOUND ALONG THE WEST RIGHT OF WAY LINE OF US HIGHWAY 641, AT THE SOUTHEAST CORNER OF A TRACT OF LAND OF THE RSP PROPERTIES, LLC, BEING PARCEL 38–00–00–114, A PLAT OF SURVEY RECORDED IN PLAT BOOK NUMBER: H, PAGE 434, DATED JANUARY 17, 2024 BY KENTUCKY LAND SURVEYOR KENDALL L. HOLT, KENTUCKY LS #3315, MARSHALL COUNTY, KENTUCKY, CLERK'S OFFICE AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF SAID US HIGHWAY 641 BEARING SOUTH 05 DEGREES 30 MINUTES 38 SECONDS EAST 214.85 FEET TO A 5/8"x24" REBAR WITH YELLOW SURVEYOR'S PLASTIC CAP WITH THE MARKINGS "BSI–0069" SET THIS SURVEY, HEREIN AFTER REFERRED TO AN AN IRON PIN SET, SAID POINT BEING THE TRUE PLACE OF BEGINNING; THENCE CONTINUING SOUTH 05 DEGREES 30 MINUTES 38 SECONDS EAST 31.38 FEET TO AN EXISTING FENCE POST; THENCE SOUTH 29 DEGREES 39 MINUTES 41 SECONDS WEST 108.51 FEET TO AN EXISTING FENCE POST; THENCE NORTH 67 DEGREES 14 MINUTES 14 SECONDS WEST 99.91 FEET TO AN IRON PIN SET ON THE EAST RIGHT OF WAY LINE OF TOY YORK ROAD; THENCE ALONG SAID EAST RIGHT OF WAY LINE BEARING NORTH 07 DEGREES 48 MINUTES 53 SECONDS WEST 73.60 FEET TO AN IRON PIN SET; THENCE LEAVING SAID RIGHT OF WAY LINE BEARING NORTH 84 DEGREES 49 MINUTES 13 SECONDS EAST 153.46 FEET TO THE TRUE PLACE OF BEGINNING AND CONTAINING 0.307 ACRES, MORE OR LESS.

TRACT II
BEGINNING AT AN IRON PIN FOUND ALONG THE WEST RIGHT OF WAY LINE OF US HIGHWAY 641, AT THE SOUTHEAST CORNER OF A TRACT OF LAND OF THE RSP PROPERTIES, LLC, BEING PARCEL 38–00–00–114, A PLAT OF SURVEY RECORDED IN PLAT BOOK NUMBER: H, PAGE 434, DATED JANUARY 17, 2024 BY KENTUCKY LAND SURVEYOR KENDALL L. HOLT, LS #3315, MARSHALL COUNTY, KENTUCKY, CLERK'S OFFICE AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF SAID US HIGHWAY 641 BEARING SOUTH 05 DEGREES 30 MINUTES 38 SECONDS EAST 214.85 FEET TO A 5/8"x24" REBAR WITH YELLOW SURVEYOR'S PLASTIC CAP WITH THE MARKINGS "BSI–0069" SET THIS SURVEY, HEREIN AFTER REFERRED TO AN AN IRON PIN SET, THENCE LEAVING SAID WEST RIGHT OF WAY LINE OF US HIGHWAY 641 BEARING SOUTH 84 DEGREES 49 MINUTES 13 SECONDS WEST 153.46 FEET TO THE EAST RIGHT OF WAY LINE OF TOY YORK ROAD TO AN IRON IRON PIN SET; THENCE ON AND ALONG THE EAST RIGHT OF WAY LINE THE NEXT 3 DEED CALLS; NORTH 15 DEGREES 23 MINUTES 35 SECONDS WEST 59.59 FEET TO AN IRON PIN SET; THENCE NORTH 21 DEGREES 09 MINUTES 44 SECONDS WEST 55.08 FEET; THENCE NORTH 23 DEGREES 44 MINUTES 23 SECONDS WEST 102.96 FEET TO A "HOLT 3315" CAPPED REBAR FOUND; THENCE LEAVING SAID RIGHT OF WAY LINE BEARING NORTH 21 DEGREES 05 MINUTES 06 SECONDS EAST 40.61 FEET (MEASURED) TO A "HOLT 3315" CAPPED REBAR FOUND; THENCE SOUTH 86 DEGREES 06 MINUTES 36 SECONDS EAST 195.19 FEET (MEASURED) TO THE TRUE PLACE OF BEGINNING AND CONTAINING 0.958 ACRES, MORE OR LESS.

THE ABOVE DESCRIBED PARCEL IS SUBJECT TO ALL LEGAL RIGHTS OF WAYS AND EASEMENTS OF RECORD.

75'x75' LEASE AREA DESCRIPTION

A PART OF A PARCEL OF LAND IN MARSHALL COUNTY, KENTUCKY CURRENTLY OWNED BY RB ENTERPRISES, LLC., RECORDED IN DEED BOOK 480, PAGE 390 AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 1/2" REBAR MARKED BY A "T" POST FOUND AT THE NORTHEASTERN MOST CORNER OF PARCEL: 38–00–00–124; THENCE SOUTH 21 DEGREES 12 MINUTES 16 SECONDS WEST 114.71 FEET TO THE NORTHEAST LEASE CORNER AND BEING THE TRUE PLACE OF BEGINNING; THENCE SOUTH 05 DEGREES 30 MINUTES 58 SECONDS EAST 75.00 FEET; THENCE SOUTH 84 DEGREES 29 MINUTES 02 SECONDS WEST 75.00 FEET; THENCE NORTH 05 DEGREES 30 MINUTES 58 SECONDS WEST 75.00 FEET; THENCE NORTH 84 DEGREES 29 MINUTES 02 SECONDS EAST 75.00 FEET TO THE TRUE PLACE OF BEGINNING AND CONTAINING 5,625 SQUARE FEET, (0.13 ACRES), MORE OR LESS.

ACCESS & UTILITY EASEMENT DESCRIPTION

A PART OF A PARCEL OF LAND IN MARSHALL COUNTY, KENTUCKY CURRENTLY OWNED BY RB ENTERPRISES, LLC., RECORDED IN DEED BOOK 480, PAGE 390 AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 1/2" REBAR MARKED BY A "T" POST FOUND AT THE NORTHEASTERN MOST CORNER OF PARCEL: 38–00–00–124; THENCE SOUTH 21 DEGREES 12 MINUTES 16 SECONDS WEST 114.71 FEET TO THE NORTHEAST LEASE CORNER; THENCE SOUTH 05 DEGREES 30 MINUTES 58 SECONDS EAST 75.00 FEET; TO THE SOUTHEAST LEASE CORNER AND BEING THE TRUE PLACE OF BEGINNING; THENCE CONTINUING SOUTH 05 DEGREES 30 MINUTES 58 SECONDS EAST 30.00 FEET; THENCE SOUTH 84 DEGREES 29 MINUTES 02 SECONDS WEST 22.50 FEET; THENCE SOUTH 05 DEGREES 30 MINUTES 58 SECONDS EAST 39.36 FEET; THENCE SOUTH 84 DEGREES 29 MINUTES 02 SECONDS WEST 103.33 FEET TO THE CENTER OF TOY YORK ROAD; THENCE ALONG THE CENTERLINE OF SAID ROAD NORTH 13 DEGREES 41 MINUTES 24 SECONDS WEST 30.31 FEET; THENCE LEAVING SAID ROAD BEARING NORTH 84 DEGREES 29 MINUTES 02 SECONDS EAST 54.80 FEET; THENCE NORTH 05 DEGREES 01 MINUTES 47 SECONDS WEST 39.36 FEET TO THE SOUTHWEST LEASE CORNER; THENCE NORTH 84 DEGREES 29 MINUTES 02 SECONDS EAST 75.00 FEET TO THE TRUE PLACE OF BEGINNING AND CONTAINING 5,912 SQUARE FEET, (0.14 ACRES), MORE OR LESS.

THE ABOVE DESCRIBED PARCELS ARE SUBJECT TO ALL LEGAL RIGHTS OF WAYS AND EASEMENTS OF RECORD,

TAG TOWERS

CELLCO PARTNERSHIP. d/b/a verizon

MISSION 1 COMMUNICATIONS
FT. WAYNE, IN 46804

BENCHMARK SERVICES, INC.
Consulting Engineers
Land Surveyors
318 North Main Street
Huntingburg, IN 47542
(812) 683-3049
benchmark@mw.twcbc.com

SITE NO: KY–2014

SITE NAME: EV BENTON SOUTH

SITE ADDRESS: TOY YORK RD
BENTON, KY 42025

LEASE AREA: 5625 SQ. FT.

PROPERTY OWNER: RB ENTERPRISES, LLC
487 SILVER
GILBERTSVILLE, KY 42044

COUNTY: MARSHALL COUNTY

PARCEL NO: 38–00–00–123

INSTRUMENT NUMBER: DB 480, PAGE 390

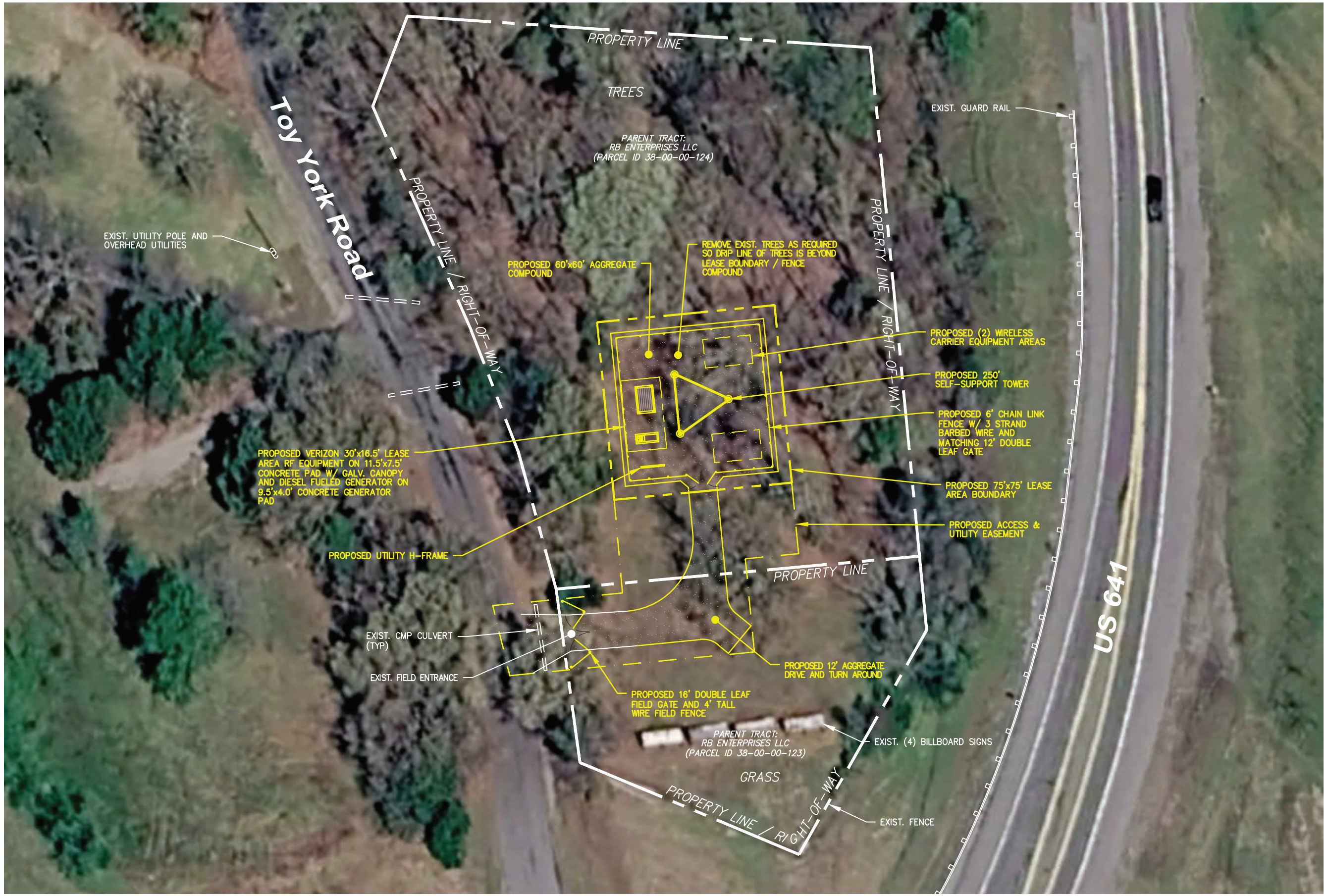
LATITUDE: 36°48'58.64" N
LONGITUDE: 88°21'01.68" W

DWG BY:	CHKD BY:	DATE:
GVW	RMW	5.19.26

NO.	REVISION/ISSUE	DATE:
1.	ADD TITLE	5.29.26
2.	AS–SURVEYED PROPERTY LINES	6.30.26

TITLE: SURVEY PLAN

SHEET: 2 OF 2



Overall Site Plan w/ Aerial Overlay

NORTH

0 10 20 40 80

1 inch = 40 feet

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION

STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER

July 28, 2026

RELEASE		
REV	DATE	
	05-04-2026	LEASE EXHIBIT
	07-20-2026	ZONING DRAWINGS

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

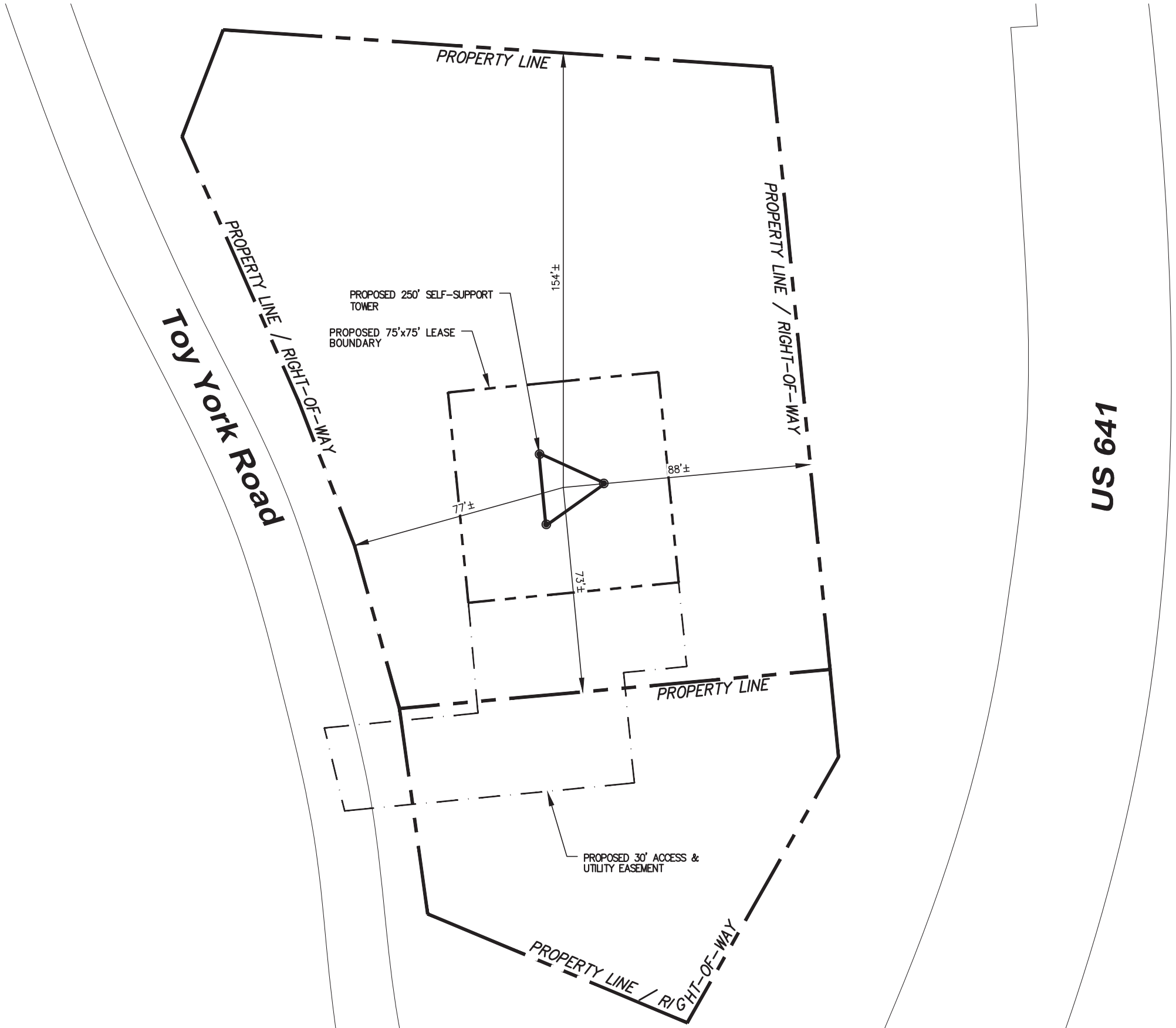
TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

OVERALL SITE PLAN w/ AERIAL OVERLAY

SHEET NO.:

C-1



Overall Site Plan w/ Tower Distances To Property Lines

NORTH

0 10 20 40 80

1 inch = 40 feet

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

OVERALL SITE PLAN w/ TOWER DISTANCES TO PROPERTY LINES

SHEET NO.:

C-1A



Overall Site Plan w/ Tower Distances To Residential Structures

NORTH

0 50 100 200 400

1 inch = 200 feet

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION

STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

OVERALL SITE PLAN w/ TOWER DISTANCES TO RESIDENTIAL STRUCTURES

SHEET NO.:

C-1B



Tower And Access Easement Buffer Map

NORTH

0 50 100 200 400

1 inch = 200 feet

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION

STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER

July 28, 2026

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

TOWER AND ACCESS EASEMENT BUFFER MAP

SHEET NO.:

C-2

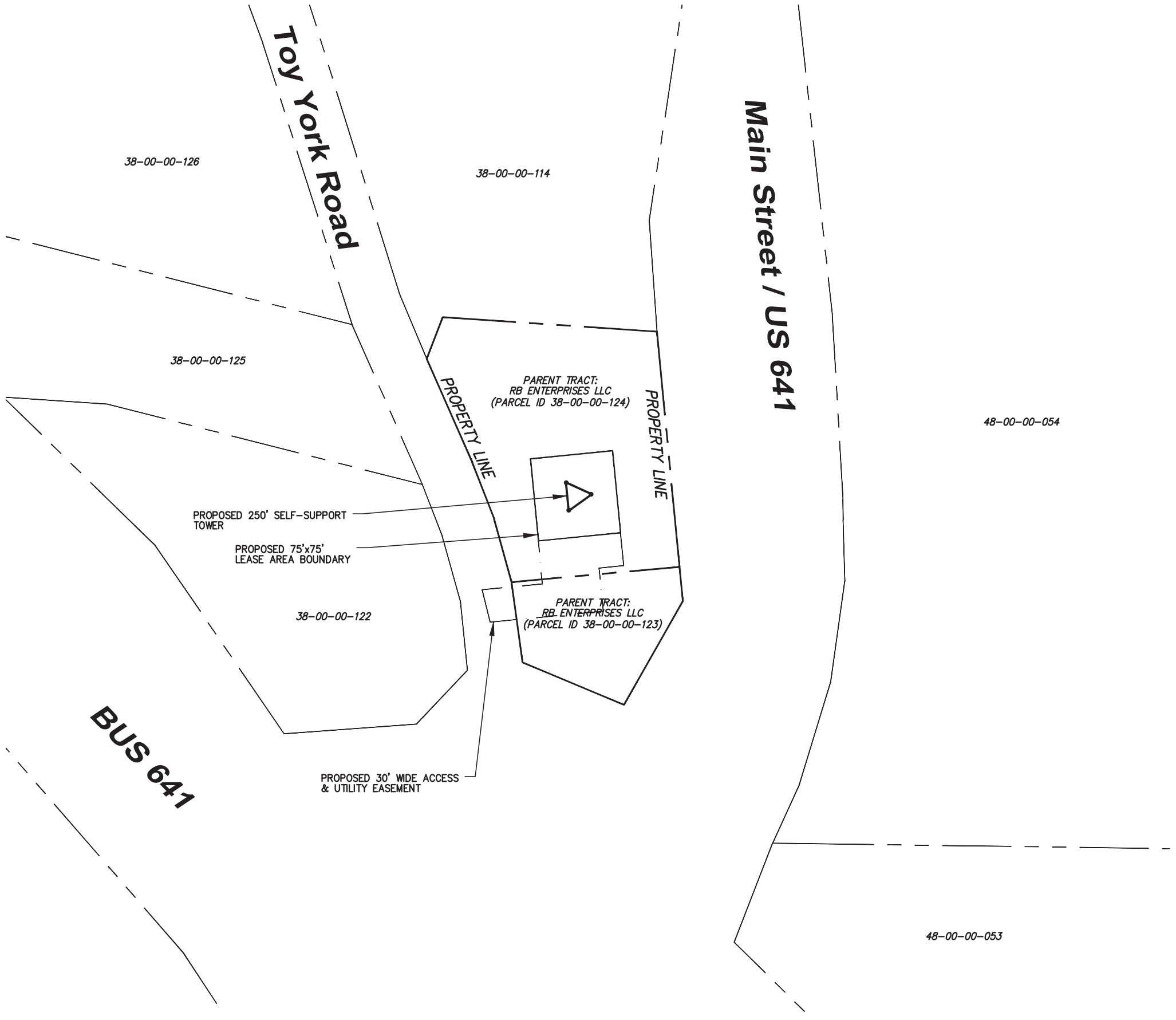
PARCEL NO.	PRIMARY OWNER
38-00-00-114	RSP PROPERTIES, LLC 1400 12TH STREET MURRAY, KY 42071
38-00-00-122	SCOTT ADAMS 99 CLASSIC LANE MURRAY, KY 42071
38-00-00-125	ANGELA K. NORWOOD 384 TOY YORK ROAD BENTON, KY 42025
38-00-00-126	CHAD RILEY, MANTHUS RILEY JOINTLY W/ SURVIVORSHIP BENTON, KY 42025
48-00-00-053	DAVID W. BARNETT 38 ELDORA LANE BENTON, KY 42025
48-00-00-054	BENTON CHURCH OF CHRIST PO BOX 228 BENTON, KY 42025

NOTE

ALL OWNER INFORMATION SHOWN HEREON IS BASED ON PROPERTY OWNERSHIP RECORDS PER BEACON–SCHNEIDER CORP MARSHALL COUNTY, KY PVA, JULY xx, 2026.

THIS MAP IS FOR GENERAL INFORMATION PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY.

THIS MAP IS NOT INTENDED TO BE USED FOR LAND TRANSFER.



Adjoining Property Map

NORTH

0 25 50 100 200

1 inch = 100 feet

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION

STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER

July 28, 2026

RELEASE		
REV	DATE	
	05-04-2026	LEASE EXHIBIT
	07-20-2026	ZONING DRAWINGS

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

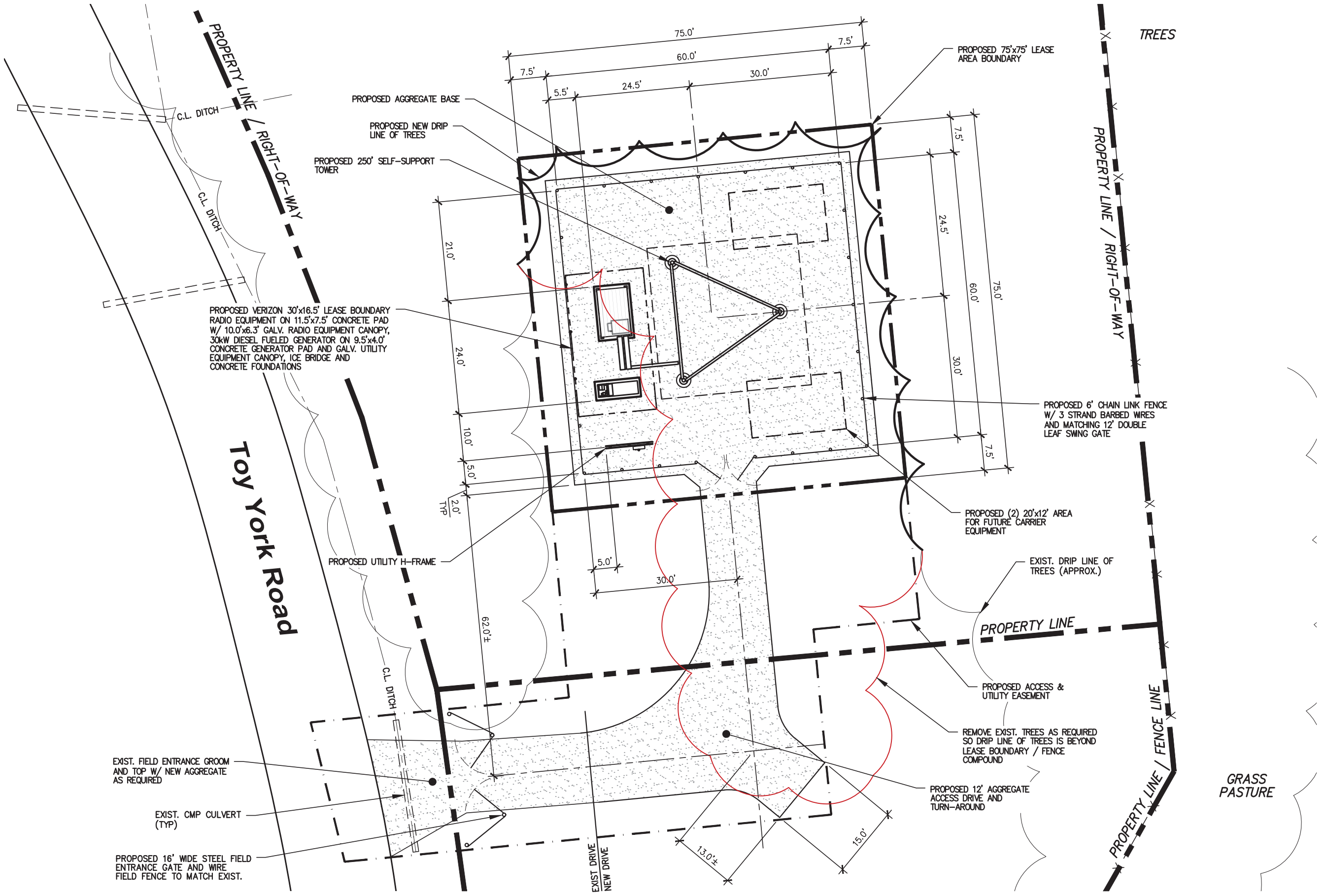
TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

ADJOINING PROPERTY MAP

SHEET NO.:

C-3



Detailed Site Plan

NORTH

0 5 10 20 40

1 inch = 20 feet

Kentucky811

Call 811 or
(800) 752-6007 Toll Free
48 Hours Prior To Digging

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

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SITE ADDRESS:

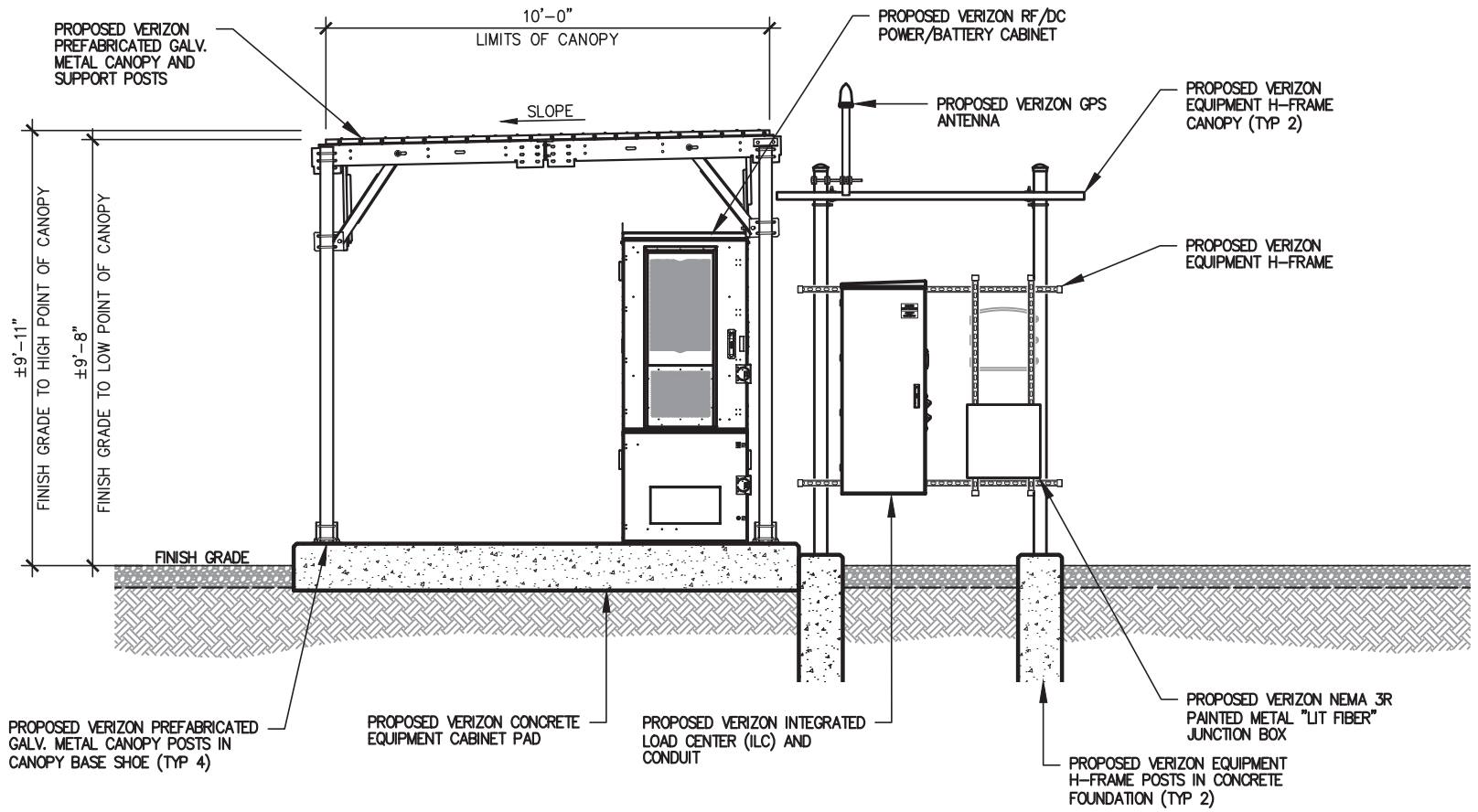
TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

DETAILED AND DIMENSIONED SITE PLAN

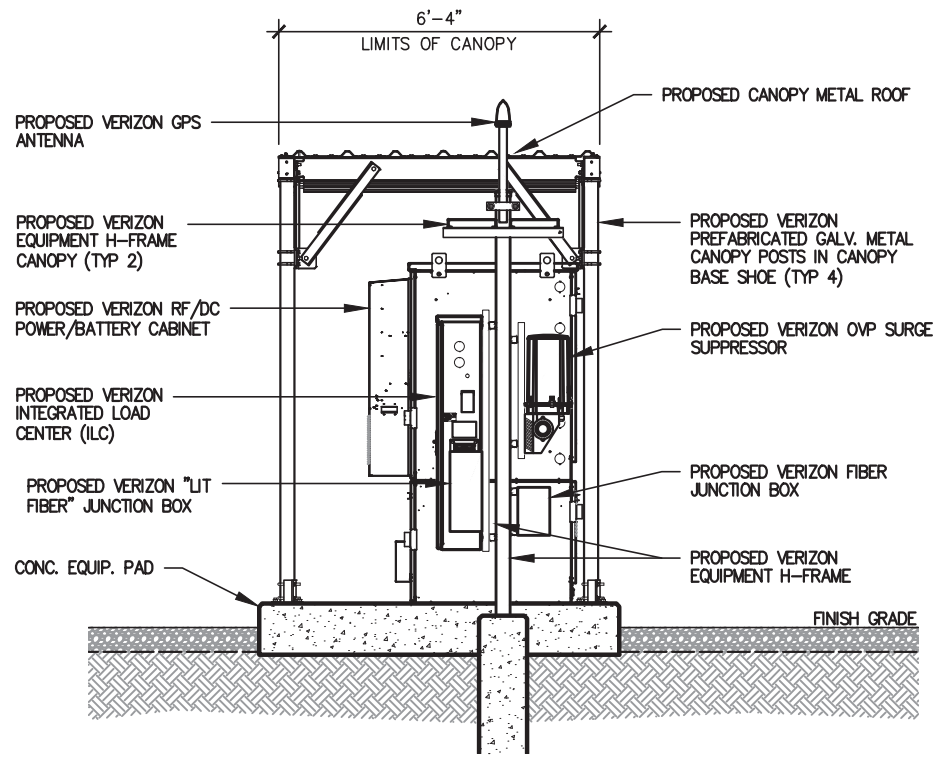
SHEET NO.:

C-4



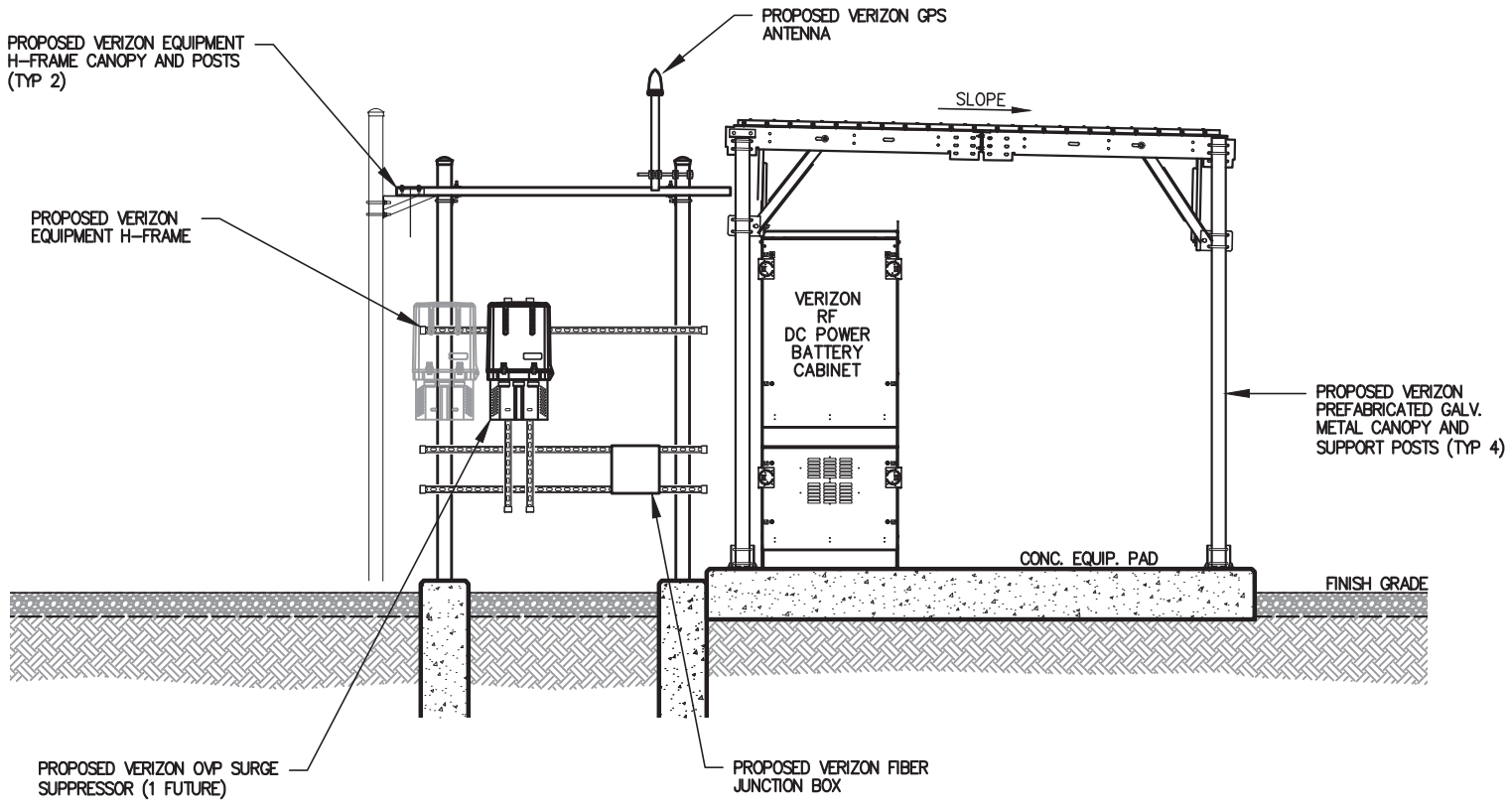
1 Equipment Front Elevation

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



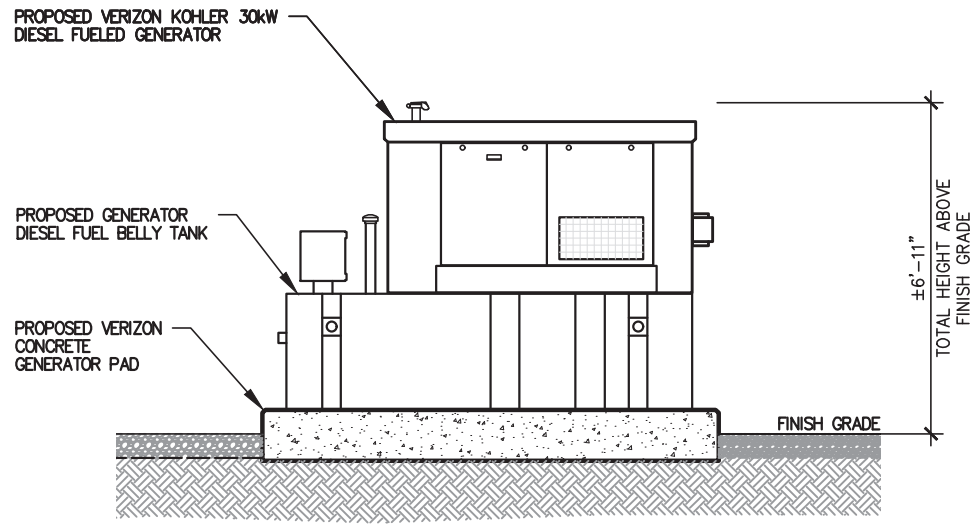
2 Equipment Right Elevation

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



3 Equipment Rear Elevation

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



4 Generator Elevation

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

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

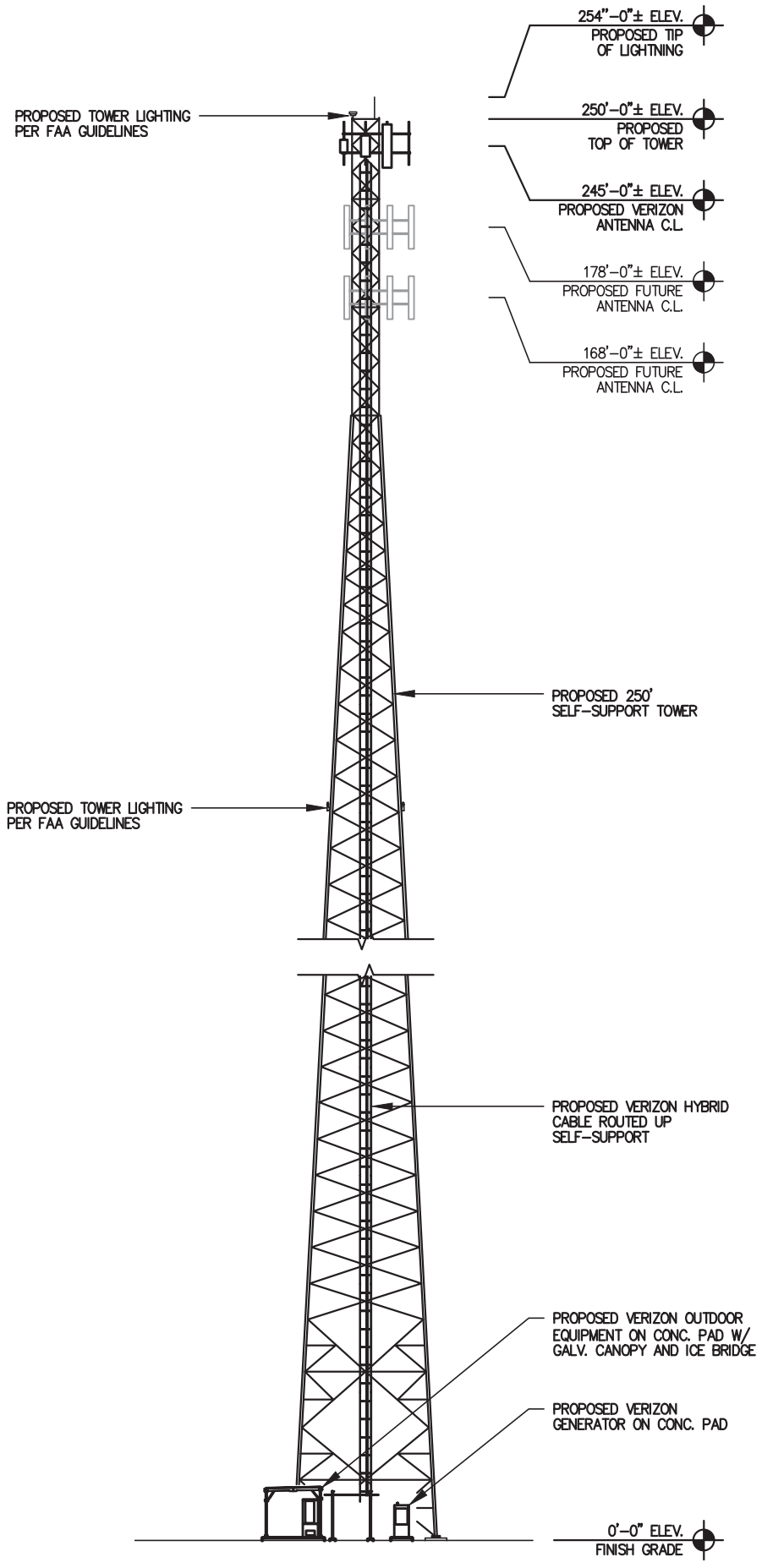
TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

VERIZON EQUIPMENT PAD AND CANOPY ELEVATIONS

SHEET NO.:

D-1



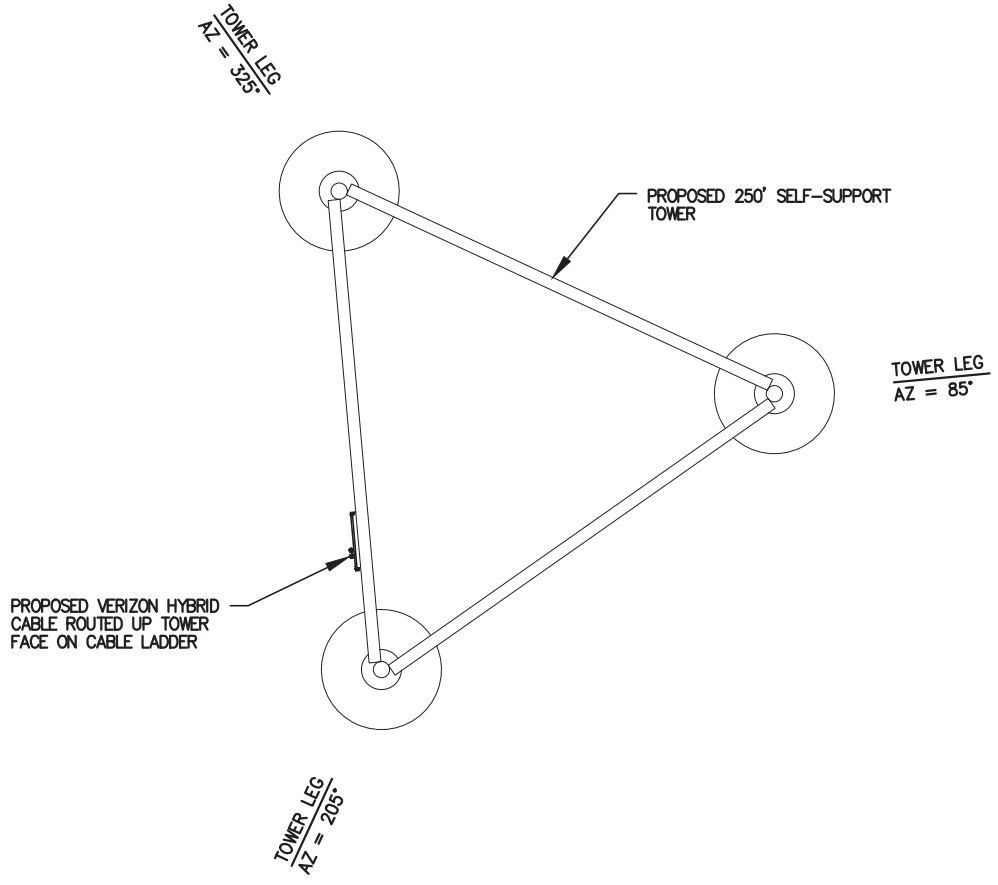
Tower Elevation

SCALE: 1" = 20'-0"

General Notes

1. VERIFY EACH COAXIAL CABLE LENGTH, ROUTING, AND ALL MOUNTING APPURTENANCES WITH OWNER PRIOR TO ORDERING.
2. COLOR CODE ALL MAIN CABLES, VERIFY COLOR CODES WITH VERIZON CONSTRUCTION MANAGER. CABLES TO BE TAGGED IN TWO (2) LOCATIONS:
   A. AT OVP AT ANTENNA ELEVATION
   B. AT OVP ON EQUIPMENT H-FRAME ADJACENT TO RF CABINETS
3. EACH COAX CABLE SHALL BE SUPPORTED WITH COLUMN GRIP HUNG FROM A J-HOOK AT THE TOP OF THE TOWER.
4. EACH COAX CABLE SHALL BE GROUNDED AT THREE (3) LOCATIONS:
   A. TOWER PLATFORM OR T-FRAME
   B. TOWER BASE
   C. AT EQUIPMENT LOCATION PRIOR TO TERMINATING AT OVP MOUNTED ON EQUIPMENT H-FRAME
5. COAX CABLE TO BE SUPPORTED EVERY 3' O.C. ON PLATFORM OR T-FRAME WITH STAINLESS STEEL HANGERS.
6. COAX CABLES TO BE SUPPORTED ON THE TOWER EVERY 18" WITH STAINLESS STEEL HANGERS.
7. VERIZON COAX CABLE TO BE ROUTED UP FACE OF SELF-SUPPORT TOWER.
8. REFER TO STRUCTURAL ANALYSIS REPORT FOR ADDITIONAL INFORMATION PERFORMED BY:
   NOT AVAILABLE AT THIS TIME OF RELEASE
9. REFER TO MOUNT ANALYSIS REPORT FOR ADDITIONAL INFORMATION PERFORMED BY:
   NOT AVAILABLE AT THIS TIME OF RELEASE

TOWER STRUCTURE AND FOUNDATIONS DESIGNED BY OTHERS



Coax Base Plan

NO SCALE

NORTH

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION

STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER

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	07-20-2026	ZONING DRAWINGS

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KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

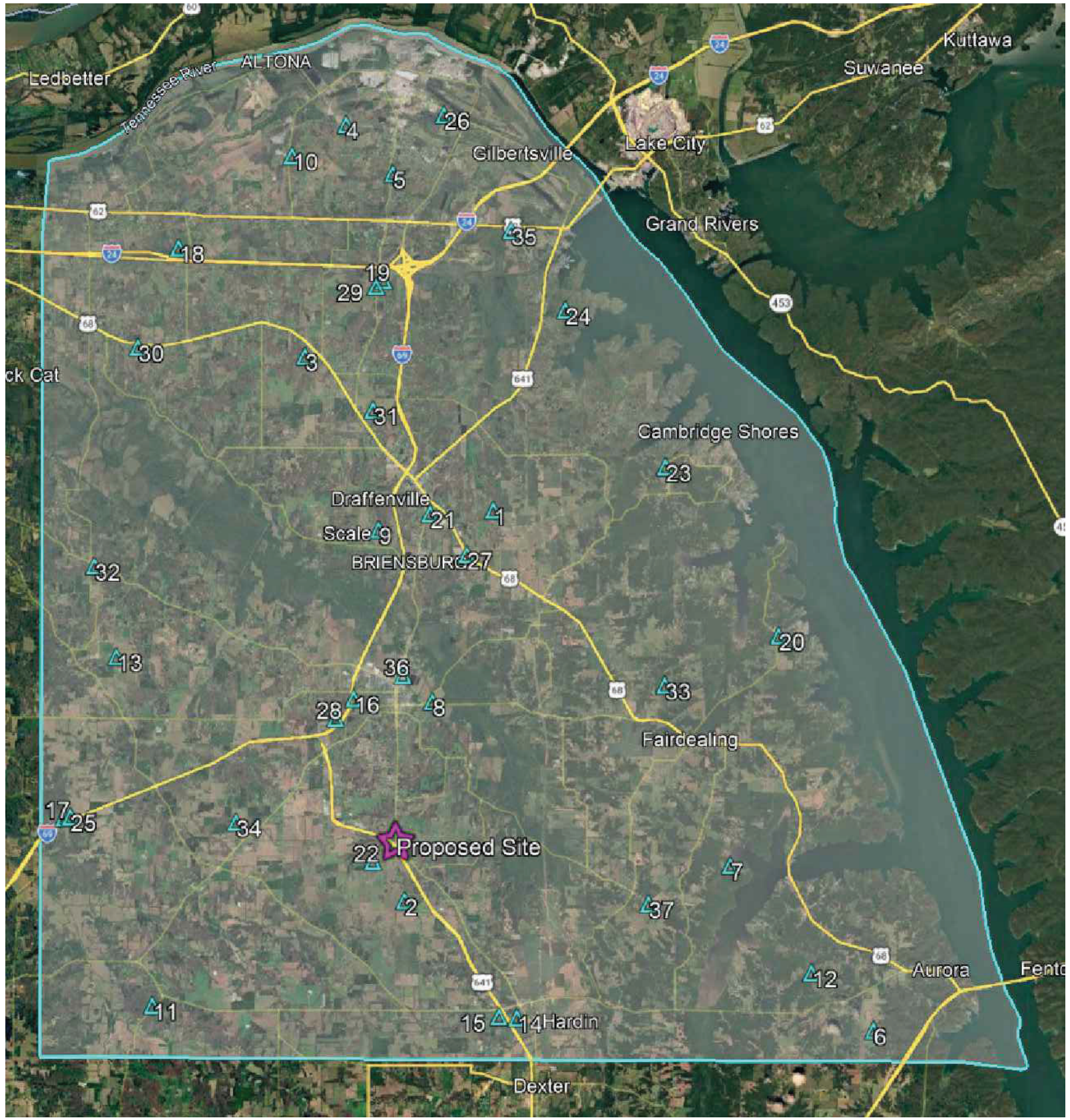
TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

TOWER ELEVATION, NOTES AND DETAILS

SHEET NO.:

TE-1



Marshall County Tower Map

NORTH

FCC Registered Sites (Marshall County)

Tower	ASR Registration	Latitude	Longitude	Tower Owner
1	1030666	N36° 54' 58.8"	W088° 18' 48.9"	CROWN CASTLE GT COMPANY, LLC
2	1038664	N36° 47' 53.0"	W088° 20' 50.0"	JACK DUNNIGAN
3	1039662	N36° 57' 47.0"	W088° 23' 06.0"	TEXAS GAS TRANSMISSION LLC
4	1040303	N37° 02' 00.0"	W088° 22' 10.0"	PINNACLE TOWERS LLC
5	1041840	N37° 01' 05.0"	W088° 21' 07.0"	CALVERT CITY, KY
6	1043411	N36° 45' 30.7"	W088° 10' 11.4"	CROWN CASTLE SOUTH LLC
7	1044649	N36° 48' 31.0"	W088° 13' 26.0"	HEARTLAND MINISTRIES INC WVHM
8	1044669	N36° 51' 31.0"	W088° 20' 11.0"	FREELAND BROADCASTING COMPANY, INC.
9	1052496	N36° 54' 37.7"	W088° 21' 25.3"	CROWN CASTLE SOUTH LLC
10	1053410	N37° 01' 26.0"	W088° 23' 24.0"	WITHERS BROADCASTING COMPANY OF PADUCAH, LLC
11	1058357	N36° 45' 58.3"	W088° 26' 33.6"	KENTUCKY RSA #1 PARTNERSHIP
12	1200973	N36° 46' 33.9"	W088° 11' 35.7"	KENTUCKY RSA #1 PARTNERSHIP
13	1201214	N36° 52' 19.0"	W088° 27' 23.0"	WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORP.
14	1202514	N36° 45' 45.0"	W088° 18' 17.0"	WEST KENTUCKY RURAL TELEPHONE COOPERATIVE CORP.
15	1215863	N36° 45' 46.2"	W088° 18' 41.4"	SBA PROPERTIES, LLC
16	1221947	N36° 51' 33.5"	W088° 21' 59.2"	SBA PROPERTIES, LLC
17	1221975	N36° 49' 23.1"	W088° 28' 34.5"	SBA PROPERTIES, LLC
18	1222118	N36° 59' 45.3"	W088° 25' 59.1"	SBA PROPERTIES, LLC
19	1222232	N36° 59' 09.9"	W088° 21' 18.6"	SBA PROPERTIES, LLC
20	1223751	N36° 52' 41.6"	W088° 12' 19.4"	CROWN CASTLE GT COMPANY, LLC
21	1233410	N36° 54' 55.2"	W088° 20' 15.1"	COUNTY OF MARSHALL, KY
22	1235812	N36° 48' 36.1"	W088° 21' 33.1"	MOBILE COMMUNICATIONS AMERICA, INC
23	1264821	N36° 55' 46.1"	W088° 14' 53.8"	SBA TOWERS II, LLC
24	1301361	N36° 58' 37.3"	W088° 17' 10.5"	PI TOWER DEVELOPMENT, LLC
25	1304962	N36° 49' 24.3"	W088° 28' 25.5"	TILLMAN INFRASTRUCTURE, LLC
26	1306050	N37° 02' 10.8"	W088° 19' 56.2"	SKYWAY TOWERS, LLC
27	1313735	N36° 54' 10.5"	W088° 19' 24.9"	CTI TOWERS ASSETS II, LLC
28	1315674	N36° 51' 12.0"	W088° 22' 23.9"	TILLMAN INFRASTRUCTURE, LLC
29	1321782	N36° 59' 03.2"	W088° 21' 28.9"	TILLMAN INFRASTRUCTURE, LLC
30	1327645	N36° 57' 56.8"	W088° 26' 54.4"	APC TOWERS, LLC
31	1328021	N36° 56' 48.3"	W088° 21' 33.1"	TOWERCO V HOLDINGS, LLC
32	1328651	N36° 53' 57.9"	W088° 27' 53.1"	THE TOWERS, LLC
33	1330185	N36° 51' 47.8"	W088° 14' 55.25"	TOWERCO V HOLDINGS, LLC
34	1331097	N36° 49' 18.6"	W088° 24' 39.7"	TOWERCOM VI–B, LLC
35	1332001	N37° 00' 04.1"	W088° 18' 24.6"	TOWERCO V HOLDINGS III, LLC
36	1332344	N36° 51' 58.9"	W088° 20' 52.1"	HARMONI TOWERS, LLC
37	1333894	N36° 47' 49.5"	W088° 15' 17.7"	APC TOWERS IV, LLC
Proposed Tower				
	PENDING	N36° 48' 58.64"	W088° 21' 01.68"	TAG TOWERS III, LLC

NOTE:

EXISTING TOWER STRUCTURES DEPICTED ARE ALL KNOWN TOWER STRUCTURES REGISTERED WITH THE FEDERAL COMMUNICATIONS COMMISSION (FCC) ANTENNA STRUCTURE REGISTRATION (ASR) IN MARSHALL COUNTY, KENTUCKY AS OF JULY 15, 2026.

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION

STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER

July 28, 2026

REV	DATE	
	05-04-2026	LEASE EXHIBIT
	07-20-2026	ZONING DRAWINGS

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SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

MARSHALL COUNTY EXISTING STRUCTURE MAP

SHEET NO.:

Z-1

1 Fairholm Avenue
Peoria, IL 61603 USA
Phone: (309)-566-3000
Fax: (309)-566-3079

DATE: AUGUST 21, 2026

PURCHASER: TAG TOWERS III, LLC

PROJECT: 250FT RTL SELF SUPPORT TOWER
BENTON SOUTH, KY

FILE NUMBER: 252868

I CERTIFY THAT THE ATTACHED DRAWINGS WERE PREPARED UNDER MY SUPERVISION IN ACCORDANCE WITH THE DESIGN AND LOADING CRITERIA SPECIFIED BY THE PURCHASER AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF KENTUCKY.

Allen Schneider

08/21/2026

STATE OF KENTUCKY
ALLEN
SCHNEIDER
37506
LICENSED
PROFESSIONAL ENGINEER

1 Fairholm Avenue
Peoria, IL 61603 USA
Phone: (309)-566-3000
Fax: (309)-566-3079

August 21, 2026

TAG Towers III, LLC
1905 Woodstock Road
Suite 2100
Roswell, GA 30075

Reference: 250 FT RTL Tower
Benton South, KY
252868

To Whom It May Concern,

The referenced Tower is designed to meet the specified loading requirements in accordance with ANSI/TIA-222-H for a 106 mph 7-16 Ultimate Wind Speed with no ice and a 30 mph 3-second gust wind speed with 1.5 inches radial ice, Risk Category II, Exposure Category C, and Topographic Category 1.

It is our understanding that the design of the referenced Tower requires consideration of a contained fall radius in the event that a catastrophic wind speed would result in collapse. Although the Tower will not be designed to fail, stronger sections where required by analysis are provided in the lower sections of the Tower. This will result in an increased safety factor in the lower sections of the Tower. This design will enable the Tower to fail through a combination of bending and buckling in the upper portion of the Tower under a catastrophic wind loading. Failure in this manner would result in the upper portion of the Tower folding over the lower portion, resulting in a fall radius no greater than 75 feet.

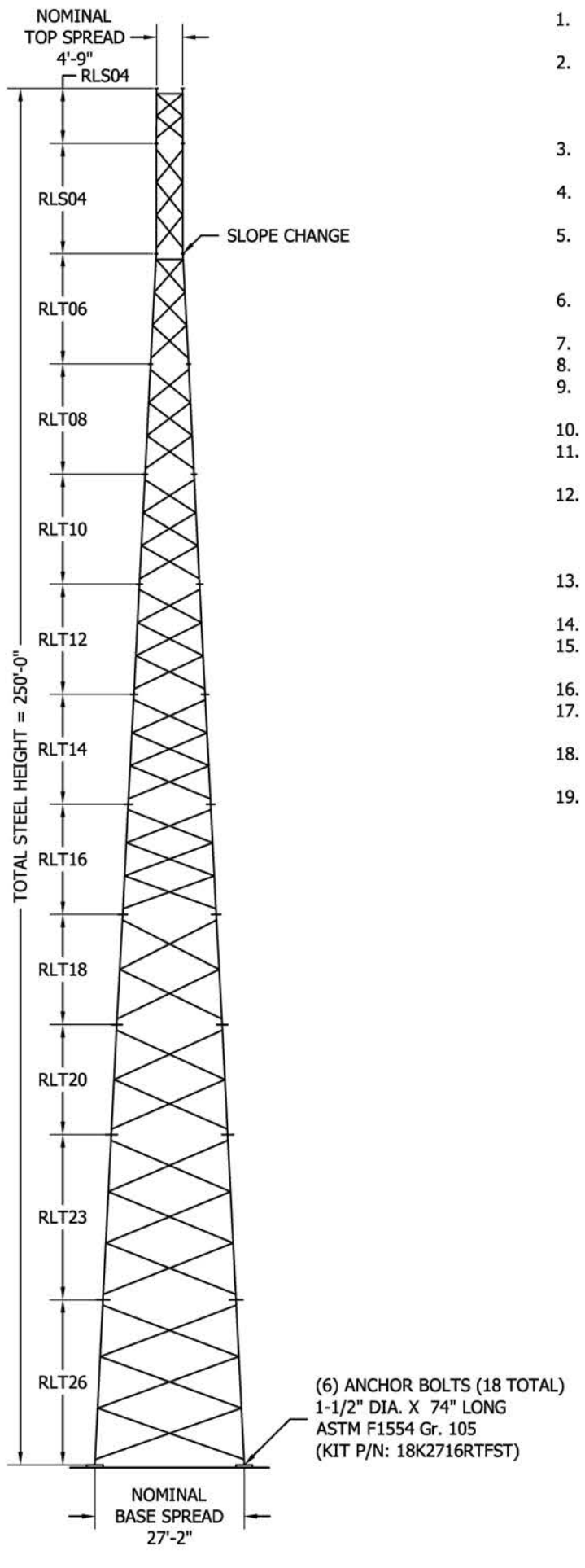
Please contact us at your convenience should you have further questions concerning the safety of Tower structures or other aspects of Tower design.

Sincerely,

Allen Schneider
08/21/2026

STATE OF KENTUCKY
ALLEN
SCHNEIDER
37506
LICENSED
PROFESSIONAL ENGINEER

Allen Schneider, P.E.
Senior Design Engineer



GENERAL NOTES

1. ROHN PRODUCTS, LLC TOWER DESIGNS CONFORM TO ANSI/TIA-222-H UNLESS OTHERWISE SPECIFIED UNDER TOWER DESIGN LOADING.
2. THE DESIGN LOADING CRITERIA INDICATED HAS BEEN PROVIDED TO ROHN. THE DESIGN LOADING CRITERIA HAS BEEN ASSUMED TO BE BASED ON SITE-SPECIFIC DATA IN ACCORDANCE WITH ANSI/TIA-222-H AND MUST BE VERIFIED BY OTHERS PRIOR TO INSTALLATION.
3. ANTENNAS AND LINES LISTED IN TOWER DESIGN LOADING TABLE ARE PROVIDED BY OTHERS UNLESS OTHERWISE SPECIFIED.
4. STEP BOLTS ARE PROVIDED AS A CLIMBING FACILITY FOR THE INSTALLATION OF THE STRUCTURE.
5. TOWER MEMBER DESIGN DOES NOT INCLUDE STRESSES DUE TO ERECTION SINCE ERECTION EQUIPMENT AND CONDITIONS ARE UNKNOWN. DESIGN ASSUMES COMPETENT AND QUALIFIED PERSONNEL WILL ERECT THE TOWER.
6. WORK SHALL BE IN ACCORDANCE WITH ANSI/TIA-222-H, "STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES".
7. THE MINIMUM YIELD STRENGTH OF STRUCTURAL STEEL MEMBERS SHALL BE 50 KSI.
8. FIELD CONNECTIONS SHALL BE BOLTED. NO FIELD WELDS SHALL BE ALLOWED.
9. STRUCTURAL BOLTS SHALL CONFORM TO GRADE A325 PER ASTM F3125, EXCEPT WHERE NOTED.
10. A NUT LOCKING DEVICE IS PROVIDED FOR ALL TOWER BOLTS.
11. STRUCTURAL STEEL AND CONNECTION BOLTS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION, IN ACCORDANCE WITH ANSI/TIA-222-H.
12. ALL HIGH STRENGTH BOLTS, UNLESS OTHERWISE NOTED FOR DOUBLE ANGLE MEMBERS, ARE TO BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED IN THE RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS". NO OTHER MINIMUM BOLT TENSION OR TORQUE VALUES ARE REQUIRED.
13. PURCHASER SHALL VERIFY THE INSTALLATION IS IN CONFORMANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS FOR OBSTRUCTION MARKING AND LIGHTING.
14. TOLERANCE ON TOWER STEEL HEIGHT IS EQUAL TO PLUS 1% OR MINUS 1/2%.
15. DESIGN ASSUMES THAT, AS A MINIMUM, MAINTENANCE AND INSPECTION WILL BE PERFORMED OVER THE LIFE OF THE STRUCTURE IN ACCORDANCE WITH ANSI/TIA-222-H.
16. DESIGN ASSUMES LEVEL GRADE AT TOWER SITE.
17. DESIGN ASSUMES ALL ANTENNAS ARE MOUNTED SYMMETRICALLY TO MINIMIZE TORQUE, IF APPLICABLE.
18. FOUNDATIONS SHALL BE DESIGNED TO SUPPORT THE REACTIONS SHOWN FOR THE CONDITIONS EXISTING AT THE SITE.
19. TOWER DESIGN INCLUDES CONSIDERATION OF A CONTAINED FALL RADIUS EQUAL TO 75 FT BY PROVIDING STRONGER SECTIONS WHERE REQUIRED BY ANALYSIS IN THE LOWER PORTION OF THE TOWER.

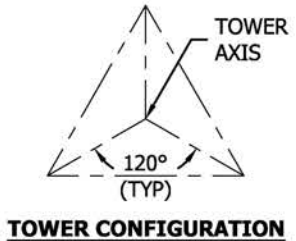
TOWER DESIGN LOADING		

DESIGN WIND LOAD PER ANSI/TIA-222-H USING THE FOLLOWING DESIGN CRITERIA:
RISK CATEGORY: II
BASIC WIND SPEED (NO ICE): 106 MPH PER ASCE 7-16
BASIC WIND SPEED (W/ICE): 30 MPH PER ASCE 7-16
DESIGN ICE THICKNESS: 1.50 INCHES PER ASCE 7-16
GROUND ELEVATION, Z_S: 501 FT
EXPOSURE CATEGORY: C
TOPOGRAPHIC METHOD: 1 , CATEGORY: 1
SEISMIC DESIGN PARAMETERS , S_S: 0.815, S_1: 0.279, T_L: 12, SITE CLASS: C

THIS STRUCTURE HAS BEEN DESIGNED TO SUPPORT THE FOLLOWING LOADS:

ELEVATION (FT)	ANTENNA LOADING	LINE SIZE (NOM)
TOP	BEACON & LIGHTNING ROD	(1) 0-3/4" CONDUIT
245	42,000 SQ-IN [292 SQFT] MAX EPA [K_A = 0.8]	(2) 1-5/8"
230	25,000 SQ-IN [174 SQFT] MAX EPA [K_A = 0.8]	(2) 1-5/8"
215	25,000 SQ-IN [174 SQFT] MAX EPA [K_A = 0.8]	(2) 1-5/8"
200	25,000 SQ-IN [174 SQFT] MAX EPA [K_A = 0.8]	(2) 1-5/8"

MAXIMUM FACTORED REACTIONS			
COMPRESSION PER LEG	=	376.1	KIPS
TENSION PER LEG	=	325.2	KIPS
SHEAR PER LEG	=	32.8	KIPS
TOTAL SHEAR	=	53.6	KIPS
TOTAL O.T.M	=	8,352.8	FT-KIPS



TOWER CONFIGURATION
N.T.S.

SECTION MAIN MEMBER SCHEDULE			
SECTION	LEGS	DIAGONALS	HORIZONTALS
RLS04	PIPE 2.875x0.203	L1 3/4x1 3/4x1/8 (2)	L1 3/4x1 3/4x3/16 (1)
RLS04	PIPE 3.500x0.216	L1 3/4x1 3/4x3/16 (3)	N/A
RLT06	PIPE 4.500x0.237	L1 3/4x1 3/4x3/16 (3)	L1 3/4x1 3/4x3/16 (1)
RLT08	PIPE 5.563x0.258	L2x2x3/16 (3)	N/A
RLT10	PIPE 5.563x0.375	L2x2x3/16 (3)	N/A
RLT12	PIPE 5.563x0.375	L2 1/2x2 1/2x3/16 (3)	N/A
RLT14	PIPE 5.563x0.375	L2 1/2x2 1/2x3/16 (3)	N/A
RLT16	PIPE 6.625x0.340	L2 1/2x2 1/2x3/16 (3)	N/A
RLT18	PIPE 6.625x0.432	L3x3x3/16 (2)	N/A
RLT20	PIPE 8.625x0.375	L3x3x3/16 (2)	N/A
RLT23	PIPE 8.625x0.375	L3 1/2x3 1/2x1/4 (3)	N/A
RLT26	PIPE 8.625x0.375	L4x4x1/4 (3)	N/A

NOTE:
SECTION NUMBERS ARE FOR REFERENCE ONLY.
FOR NOMINAL FACE WIDTH DIMENSIONS, REFER TO THE STRESS ANALYSIS.
THE NUMBERS SHOWN IN PARENTHESES INDICATE THE NUMBER OF BAYS FROM TOP TO BOTTOM.

FILE NO.
252868

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP

ROHN® PRODUCTS LLC
PO BOX 5999
PEORIA, IL 61601-5999
TOLL FREE 800-727-ROHN

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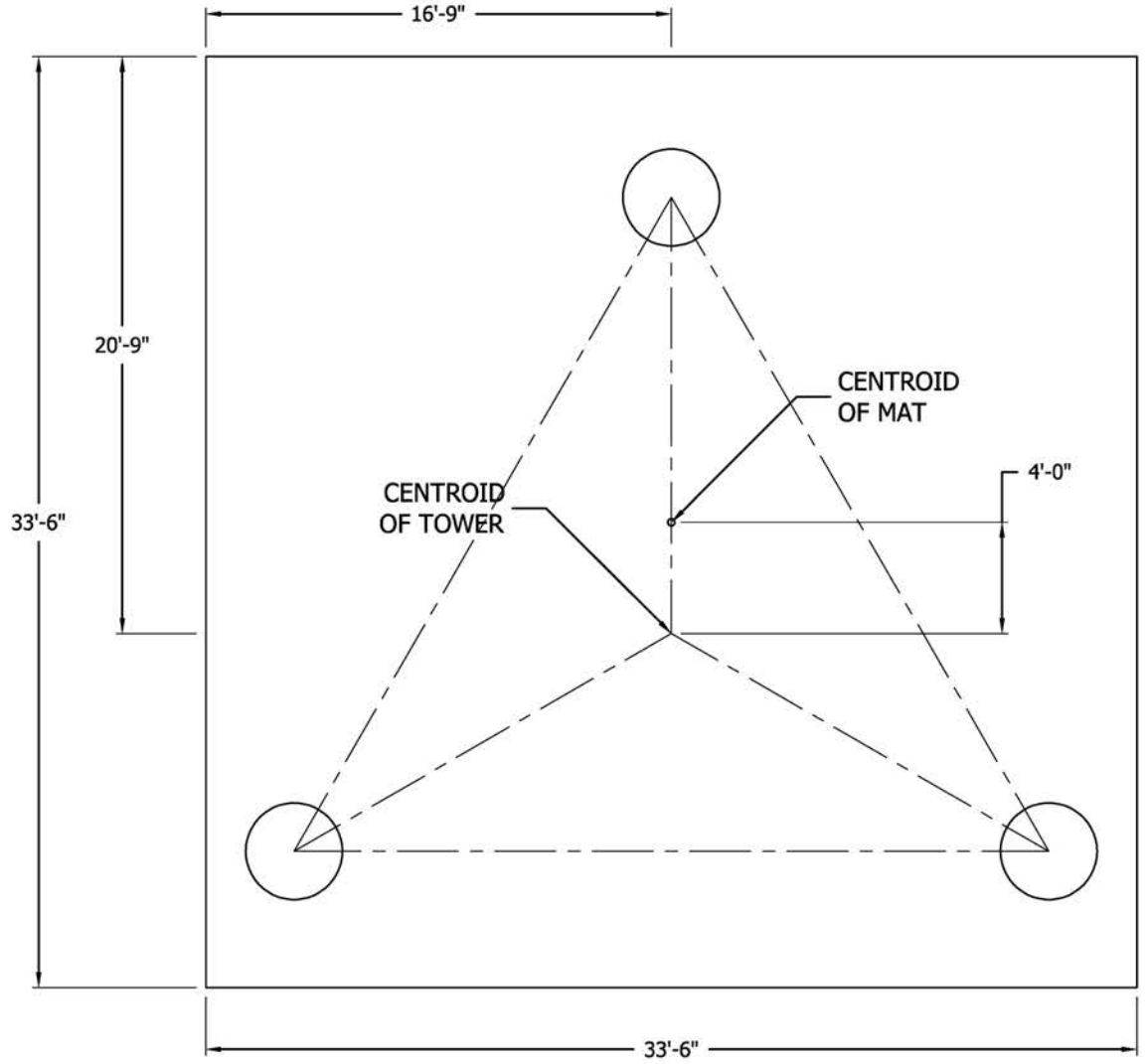
TAG TOWERS III, LLC
DESIGN PROFILE
250 FT RTL TOWER
BENTON SOUTH, KY

DWN:	CHK'D:	DATE:
AS	SY	08/20/2026

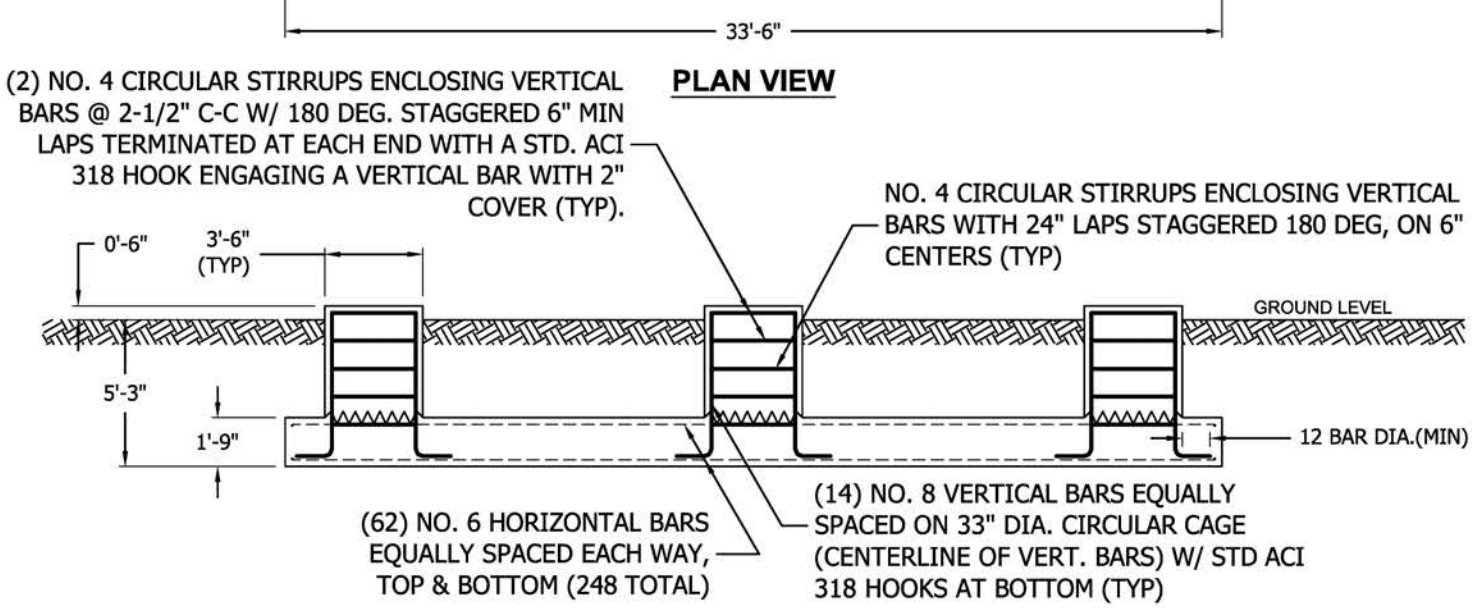
ENG'R:	SHEET #:
AS	1 OF 1

PRJ. ENG'R:	PRJ. MANG'R:
AS	

DRAWING NO:	REV:
252868-01-D1	0



PLAN VIEW



ELEVATION VIEW

FACTORED REACTIONS

Maximum O.T.M =	8,352.8 FT-K
Total Tower Wt =	52.8 KIPS
Total Shear =	53.6 KIPS
Max. Shear/Leg =	32.8 KIPS
Max. Ten./Leg =	325.2 KIPS
Max. Comp./Leg =	376.1 KIPS

CONCRETE VOLUME

ROUND PIERS	4.3 CU.YDS
PAD	72.7 CU.YDS
TOTAL	77.0 CU.YDS

GENERAL NOTES

1 FOUNDATION DESIGN HAS BEEN DEVELOPED IN ACCORDANCE WITH GENERALLY ACCEPTED PROFESSIONAL ENGINEERING PRINCIPLES AND PRACTICES WITHIN THE LIMITS OF THE SUBSURFACE DATA PROVIDED. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT THE FOLLOWING DESIGN PARAMETERS ARE NOT APPLICABLE FOR THE SUBSURFACE CONDITIONS ENCOUNTERED.
   A) ULTIMATE SOIL BEARING PRESSURE AT 5.25 FT DEPTH = 8,000 PSF.
   B) GROUND WATER TABLE IS AT OR BELOW FOUNDATION DEPTH.
   C) MAXIMUM FROST PENETRATION DEPTH LESS THAN FOUNDATION DEPTH.
2 WORK SHALL BE IN ACCORDANCE WITH THE PROJECT CONSTRUCTION DOCUMENTS, LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
3 CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
4 PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI IN 28 DAYS.
5 MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 3/4 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING. WORKABILITY AND METHODS OF CONSOLIDATION SUCH AS VIBRATING SHALL BE UTILIZED TO PREVENT HONEYCOMBS OR VOIDS.
6 REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SPLICES IN REINFORCEMENT SHALL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
7 WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
8 MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3 INCH MINIMUM COVER ON REINFORCEMENT.
9 CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES NOR BE LESS THAN 2 INCHES.
10 FOUNDATION DESIGN ASSUMES STRUCTURAL BACKFILL TO BE COMPACTED IN 8 INCH MAXIMUM LAYERS TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D1557. ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 110 POUNDS PER CUBIC FOOT.
11 FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT NO. **26148989** DATED **08/17/2026** BY **EGINEERED TOWER SOLUTIONS, PLLC**.
12 FOUNDATION DEPTH INDICATED IS BASED ON THE GRADE LINE DESCRIBED IN THE REFERENCED GEOTECHNICAL REPORT. FOUNDATION MODIFICATION MAY BE REQUIRED IN THE EVENT CUT OR FILL OPERATIONS HAVE TAKEN PLACE SUBSEQUENT TO THE GEOTECHNICAL INVESTIGATION.
13 FOUNDATION DESIGN ASSUMES THE RECOMMENDATIONS IN THE REFERENCED GEOTECHNICAL REPORT CONCERNING VERIFICATION OF SUBSURFACE CONDITIONS ARE IMPLEMENTED PRIOR TO PLACEMENT OF CONCRETE.
14 FOUNDATION INSTALLATION SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
15 ALL CONSTRUCTION AND SAFETY EQUIPMENT AND TEMPORARY SUPPORTS REQUIRED FOR CONSTRUCTION SHALL BE DETERMINED, FURNISHED AND INSTALLED BY THE CONTRACTOR BASED ON THE MEANS AND METHODS CHOSEN BY THE CONTRACTOR. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED BY COMPETENT, QUALIFIED AND TRAINED PERSONNEL.
16 FOUNDATION DESIGN ASSUMES INSTALLATION PROCEDURES WILL INCORPORATE THE PROCEDURES RECOMMENDED IN THE REFERENCED GEOTECHNICAL REPORT.
17 FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
18 FOR FOUNDATION AND ANCHOR TOLERANCES SEE ANCHOR ROD LAYOUT DRAWING.
19 LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. SIDES OF EXCAVATION SHALL BE ROUGH AND FREE OF LOOSE CUTTINGS.
20 CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
21 CONCRETE PREFERABLY SHALL BE PLACED AGAINST UNDISTURBED SOIL. WHEN FORMS ARE NECESSARY, THEY SHALL BE REMOVED PRIOR TO PLACING STRUCTURAL BACKFILL.
22 CONSTRUCTION JOINTS, IF REQUIRED AT THE BASE OF THE PIERS, SHALL BE INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 1/4 INCH. FOUNDATION DESIGN ASSUMES NO OTHER CONSTRUCTION JOINTS.
23 TOP OF FOUNDATION SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH.
24 EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" X 3/4" MINIMUM.

FILE NO.
252868

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP

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PO BOX 5999
PEORIA, IL 61601-5999
TOLL FREE 800-727-ROHN

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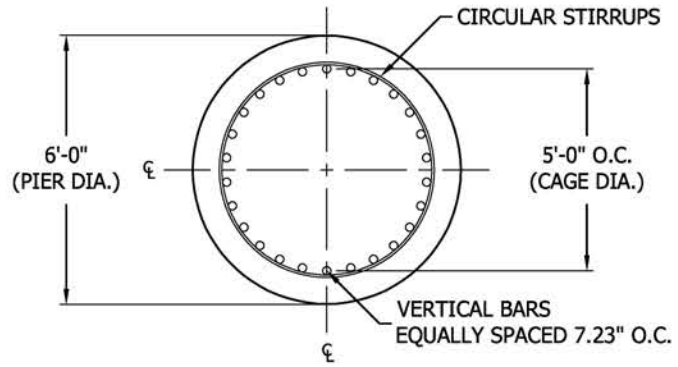
TAG TOWERS III, LLC
MAT W/RAISED PIERS
FOUNDATION DESIGN
BENTON SOUTH, KY

DWN:	CHK'D:	DATE:
AS	SY	08/20/2026

ENG'R:	SHEET #:
AS	1 OF 1

PRJ. ENG'R:	PRJ. MANG'R:
AS	

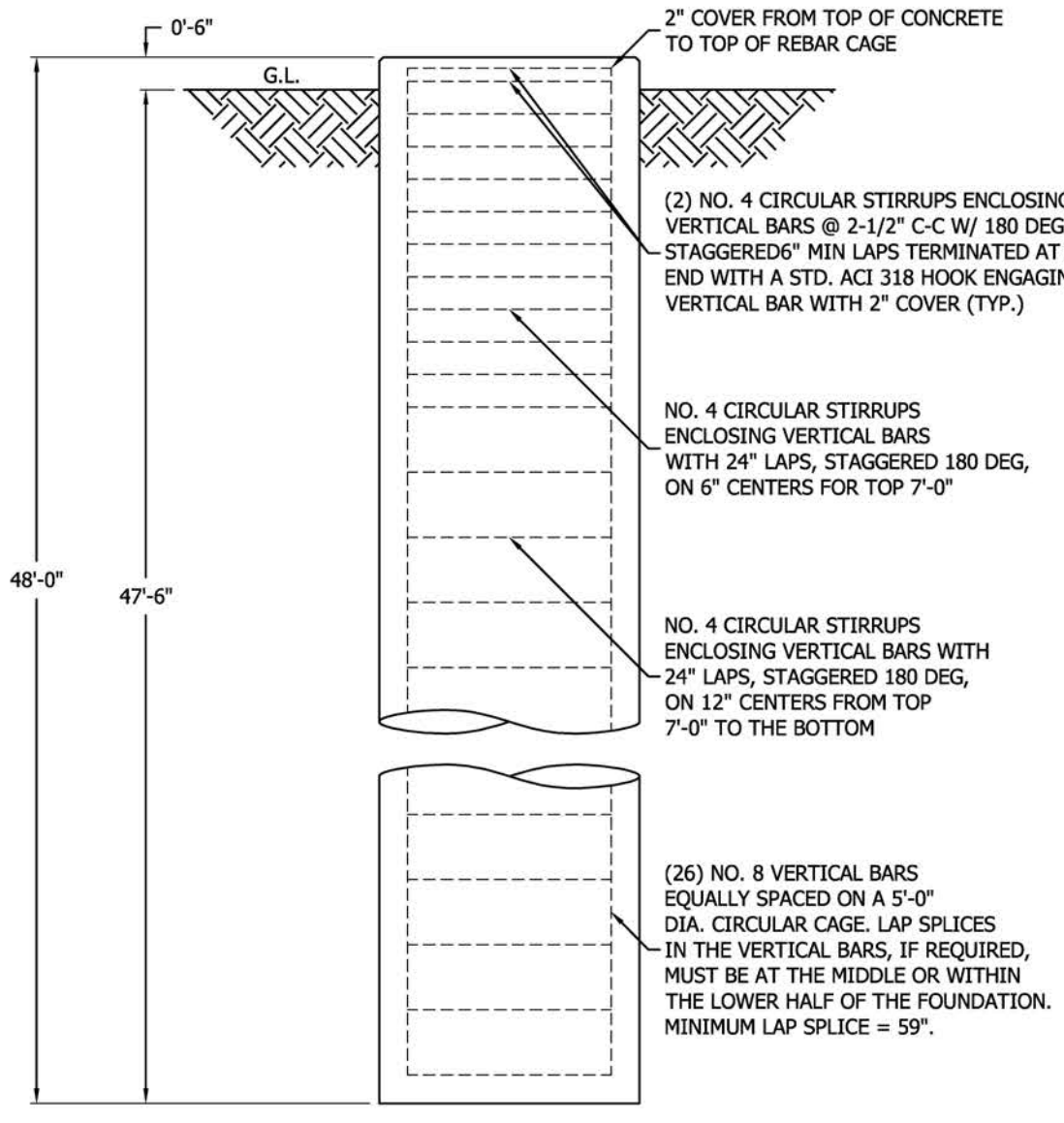
DRAWING NO:	REV:
252868-01-F1	0



NOTE:
CAGE DIA. FROM CENTERLINE OF VERTICAL BARS.

PLAN VIEW

N.T.S.



ELEVATION VIEW

N.T.S.

FACTORED REACTIONS/LEG

DOWNLOAD =	376.1	KIPS
UPLIFT =	325.2	KIPS
SHEAR =	32.8	KIPS

VOLUME OF CONCRETE

(1) FOUNDATION	50.3	CU. YDS
(3) FOUNDATIONS	150.9	CU. YDS

GENERAL NOTES:

1. FOUNDATION DESIGN HAS BEEN DEVELOPED IN ACCORDANCE WITH GENERALLY ACCEPTED PROFESSIONAL ENGINEERING PRINCIPLES AND PRACTICES WITHIN THE LIMITS OF THE SUBSURFACE DATA PROVIDED. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT THE FOLLOWING DESIGN PARAMETERS ARE NOT APPLICABLE FOR THE SUBSURFACE CONDITIONS ENCOUNTERED.
   A) DEPTH NEGLECTED FOR SKIN FRICTION = TOP 3.0 FT
   B) AVERAGE ULTIMATE SKIN SHEAR FOR UPLIFT:3.0 FT TO 5.0 FT DEPTH = 200 PSF, AND 5.0 FT TO 8.0 FT DEPTH = 300 PSF, AND 8.0 FT TO 12.0 FT DEPTH = 500 PSF, AND 12.0 FT TO 17.0 FT DEPTH = 700 PSF, AND 17.0 FT TO 22.0 FT DEPTH = 900 PSF, AND 22.0 FT TO 32.0 FT DEPTH = 100 PSF, AND 32.0 FT TO 37.0 FT DEPTH = 400 PSF, AND 37.0 FT TO 47.0 FT DEPTH = 500 PSF, AND 47.0 FT TO 47.5 FT DEPTH = 600 PSF.
   C) AVERAGE ULTIMATE SKIN SHEAR FOR DOWNLOAD:3.0 FT TO 5.0 FT DEPTH = 200 PSF, AND 5.0 FT TO 8.0 FT DEPTH = 300 PSF, AND 8.0 FT TO 12.0 FT DEPTH = 500 PSF, AND 12.0 FT TO 17.0 FT DEPTH = 700 PSF, AND 17.0 FT TO 22.0 FT DEPTH = 900 PSF, AND 22.0 FT TO 32.0 FT DEPTH = 100 PSF, AND 32.0 FT TO 37.0 FT DEPTH = 400 PSF, AND 37.0 FT TO 47.0 FT DEPTH = 500 PSF, AND 47.0 FT TO 47.5 FT DEPTH = 600 PSF
   D) ULTIMATE NET END BEARING AT 47.5 FT = 14.00 KSF.
   E) GROUNDWATER TABLE AT 18.0 FT BELOW GROUND.
2. WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
3. CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
4. PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 CHAPTER 4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI (31.0 MPA) IN 28 DAYS.
5. MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 1/3 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING. MAXIMUM SIZE MAY BE INCREASED TO 2/3 CLEAR DISTANCE PROVIDED WORKABILITY AND METHODS OF CONSOLIDATION SUCH AS VIBRATING WILL PREVENT HONEYCOMBS OR VOIDS.
6. REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SPLICES IN REINFORCEMENT SHALL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
7. REINFORCING CAGES SHALL BE BRACED TO RETAIN PROPER DIMENSIONS DURING HANDLING AND THROUGHOUT PLACEMENT OF CONCRETE. WHEN TEMPORARY CASING IS UTILIZED, BRACING SHALL BE ADEQUATE TO RESIST FORCES OCCURRING FROM FLOWING CONCRETE DURING CASING EXTRACTION.
8. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
9. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES (76 MM) UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3 INCH (76 MM) MINIMUM COVER ON REINFORCEMENT.
10. SPACERS SHALL BE ATTACHED INTERMITTENTLY THROUGHOUT THE ENTIRE LENGTH OF VERTICAL REINFORCING CAGES TO INSURE CONCENTRIC PLACEMENT OF CAGES IN EXCAVATIONS.
11. FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT NO. **26148989** DATED **08/17/2026** BY **ENGINEERED TOWER SOLUTIONS, PLLC**.
12. FOUNDATION DEPTH INDICATED IS BASED ON THE GRADE LINE DESCRIBED IN THE REFERENCED GEOTECHNICAL REPORT. FOUNDATION MODIFICATION MAY BE REQUIRED IN THE EVENT CUT OR FILL OPERATIONS HAVE TAKEN PLACE SUBSEQUENT TO THE GEOTECHNICAL INVESTIGATION.
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16. FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
17. FOR FOUNDATION INSTALLATION TOLERANCES SEE STRUCTURE ASSEMBLY DRAWING.
18. LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. SIDES OF EXCAVATION SHALL BE ROUGH AND FREE OF LOOSE CUTTINGS.
19. CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
20. FREE FALL CONCRETE MAY BE USED PROVIDED FALL IS VERTICAL DOWN WITHOUT HITTING SIDES OF EXCAVATION, FORMWORK, REINFORCING BARS, FORM TIES, CAGE BRACING OR OTHER OBSTRUCTIONS. UNDER NO CIRCUMSTANCES SHALL CONCRETE FALL THROUGH WATER.
21. TOP OF FOUNDATION OUTSIDE LIMITS OF ANCHOR BOLTS SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH. AREA INSIDE LIMITS OF ANCHOR BOLTS SHALL BE LEVEL WITH A SCRATCHED FINISH.
22. EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" X 3/4" (19MM X 19MM) MINIMUM.
23. FOUNDATION DESIGN ASSUMES CASING, IF USED, WILL NOT BE LEFT IN PLACE. EQUIPMENT, PROCEDURES, AND PROPORTIONS OF CONCRETE MATERIALS SHALL INSURE CONCRETE WILL NOT BE ADVERSELY DISTURBED UPON CASING REMOVAL.

FILE NO.
252868

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP

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TAG TOWERS III, LLC
DRILLED PIER
FOUNDATION DETAILS
BENTON SOUTH, KY

DWN:	CHK'D:	DATE:
AS	SY	08/20/2026

ENG'R:	SHEET #:
AS	1 OF 1

PRJ. ENG'R:	PRJ. MANG'R:
AS	

DRAWING NO:	REV:
252868-01-F2	0

File: J:\2026\252868\ENGINEERING\252868.out
Contract: 252868
Project: 250 FT RTL TOWER
Date and Time: 8/20/2026 3:27:45 PM

Revision: 0
Site: BENTON SOUTH- KY
Engineer: AS

ENGINEERING
CHECKED BY: SY
08/20/2026

Section A: PROJECT DATA

Project Title:	250 FT RTL TOWER
Customer Name:	TAG TOWERS III- LLC
Site:	BENTON SOUTH- KY
Contract No.:	252868
Revision:	0
Engineer:	AS
Date:	Aug 20 2026
Time:	03:23:17 PM
Design Standard:	ANSI/TIA-222-H-2017

GENERAL DESIGN CONDITIONS

Start wind direction:	0.00 (Deg)
End wind direction:	330.00 (Deg)
Increment wind direction:	30.00 (Deg)
Elevation above ground:	0.00 (ft)
Mean elevation of base of structure above sea level Zs:	501.00 (ft)
Rooftop wind speed-up factor Ks:	1.00
Gust Response Factor Gh:	0.85
Risk category:	II
Exposure category:	C
Topographic category:	1
Material Density:	490.1(lbs/ft^3)
Young's Modulus:	29000.0(ksi)
Poisson Ratio:	0.30
Weight Multiplier:	1.25

Minimum Bracing Resistance as per 4.4.1

WIND ONLY CONDITIONS:

Basic Wind Speed (No Ice):	106.00(mph)
Directionality Factor Kd:	0.85
Importance Factor I:	1.00
Wind Load Factor:	1.00
Dead Load Factor:	1.20
Dead Load Factor for Uplift:	0.90

WIND AND ICE CONDITIONS:

Basic Wind Speed (With Ice):	30.00(mph)
Directionality Factor Kd:	0.85
Wind Load Importance Factor Iw:	1.00
Ice Thickness Importance Factor Ii:	1.00
Ice Thickness:	1.50 (in)
Ice Density:	56.19(lbs/ft^3)
Wind Load Factor:	1.00
Dead Load Factor:	1.20
Ice Load Factor:	1.00

WIND ONLY SERVICEABILITY CONDITIONS:

Serviceability Wind Speed:	60.00(mph)
Directionality Factor Kd:	0.85
Importance Factor I:	1.00
Wind Load Factor:	1.00
Dead Load Factor:	1.00

PATTERN LOADING (IF APPLICABLE) CONDITIONS:

Basic Wind Speed (No Ice):	106.00(mph)
Directionality Factor Kd:	0.85
Importance Factor I:	1.00
Wind Load Factor:	1.00

Dead Load Factor:	1.20
Dead Load Factor for Uplift:	0.90

EARTHQUAKE CONDITIONS:

Site class definition:	C
Spectral response acceleration Ss:	0.815
Spectral response acceleration S1:	0.279
Long-period transition period TL:	12.000
Accelaration-based site coefficient Fa:	1.200
Velocity-based site coefficient Fv:	1.500
Design spectral response acceleration Sds:	0.652
Design spectral response acceleration Sd1:	0.279
Seismic analysis method:	1
Fundamental frequency of structure f1:	0.695
Total seismic shear Vs (Kips) :	3.41

Analysis performed using: TowerSoft Finite Element Analysis Program

File: J:\2026\252868\ENGINEERING\252868.out
Contract: 252868
Project: 250 FT RTL TOWER
Date and Time: 8/20/2026 3:27:45 PM

Revision: 0
Site: BENTON SOUTH- KY
Engineer: AS

Section B: STRUCTURE GEOMETRY

TOWER GEOMETRY

Cross-Section	Height (ft)	Tot Height (ft)	# of Section	Bot Width (in)	Top Width (in)
Triangular	250.00	300.00	12	325.97	56.99

SECTION GEOMETRY

Sec #	Sec. Name	Elevation Bottom (ft)	Elevation Top (ft)	Widths Bottom (in)	Widths Top (in)	Legs (lbs)	Masses Brcg. (lbs)	Masses Sec.Brc (lbs)	Masses Int.Brc (lbs)	Masses Sect. (lbs)	Masses Database (lbs)	Brcg. Clear. (in)
12	RLS04	240.00	250.00	58	57	219	186	0	0	405	0	0.787
11	RLS04	220.00	240.00	58	58	569	391	0	0	960	0	0.787
10	RLT06	200.00	220.00	83	58	814	462	0	0	1276	0	0.787
9	RLT08	180.00	200.00	107	83	1103	565	0	0	1668	0	0.787
8	RLT10	160.00	180.00	131	107	1565	652	0	0	2217	0	0.787
7	RLT12	140.00	160.00	155	131	1565	943	0	0	2509	0	0.787
6	RLT14	120.00	140.00	180	155	1565	1068	0	0	2634	0	0.787
5	RLT16*	100.00	120.00	204	180	1717	1196	0	0	2914	0	0.787
4	RLT18*	80.00	100.00	230	204	2151	1150	0	0	3301	0	0.787
3	RLT20*	60.00	80.00	254	230	2484	1252	0	0	3736	0	0.787
2	RLT23*	30.00	60.00	290	254	3726	3207	0	0	6932	0	0.787
1	RLT26*	0.00	30.00	326	290	3726	4094	0	0	7820	0	0.787
Total Mass:						21204	15167	0	0	36370	0	

PANEL GEOMETRY

Sec#	Pnl#	Type	SecBrcg	Mid. Horiz Continuous	Horiz	Height (ft)	Bottom Width (in)	Top Width (in)	Plan Bracing	Hip Bracing	Gusset Plate Area (ft^2)	Gusset Plate Weight (lbs)
12	2	X	(None)		Yes	5.0	57.3	57.0	(None)	(None)	0.300	0.30
12	1	X	(None)		None	5.0	57.5	57.3	(None)	(None)	0.300	0.30
11	3	X	(None)		None	6.7	57.8	57.5	(None)	(None)	0.000	0.00
11	2	X	(None)		None	6.7	58.1	57.8	(None)	(None)	0.000	0.00
11	1	X	(None)		None	6.7	58.4	58.1	(None)	(None)	0.000	0.00
10	3	X	(None)		Yes	6.7	66.7	58.4	(None)	(None)	0.300	0.30
10	2	X	(None)		None	6.7	75.0	66.7	(None)	(None)	0.300	0.30
10	1	X	(None)		None	6.7	83.3	75.0	(None)	(None)	0.300	0.30
9	3	X	(None)		None	6.7	91.3	83.3	(None)	(None)	0.300	0.30
9	2	X	(None)		None	6.7	99.3	91.3	(None)	(None)	0.300	0.30
9	1	X	(None)		None	6.7	107.3	99.3	(None)	(None)	0.300	0.30
8	3	X	(None)		None	6.7	115.3	107.3	(None)	(None)	0.300	0.30
8	2	X	(None)		None	6.7	123.3	115.3	(None)	(None)	0.300	0.30
8	1	X	(None)		None	6.7	131.3	123.3	(None)	(None)	0.300	0.30
7	3	X	(None)		None	6.7	139.3	131.3	(None)	(None)	0.300	0.30
7	2	X	(None)		None	6.7	147.3	139.3	(None)	(None)	0.300	0.30
7	1	X	(None)		None	6.7	155.3	147.3	(None)	(None)	0.300	0.30
6	3	X	(None)		None	6.7	163.6	155.3	(None)	(None)	0.300	0.30
6	2	X	(None)		None	6.7	171.9	163.6	(None)	(None)	0.300	0.30
6	1	X	(None)		None	6.7	180.2	171.9	(None)	(None)	0.300	0.30
5	3	X	(None)		None	6.7	188.2	180.2	(None)	(None)	0.300	0.30
5	2	X	(None)		None	6.7	196.2	188.2	(None)	(None)	0.300	0.30
5	1	X	(None)		None	6.7	204.2	196.2	(None)	(None)	0.300	0.30
4	2	X	(None)		None	10.0	217.1	204.2	(None)	(None)	0.000	0.00
4	1	X	(None)		None	10.0	230.0	217.1	(None)	(None)	0.000	0.00
3	2	X	(None)		None	10.0	242.0	230.0	(None)	(None)	0.300	0.30
3	1	X	(None)		None	10.0	254.0	242.0	(None)	(None)	0.300	0.30
2	3	X	(None)		None	10.0	266.0	254.0	(None)	(None)	0.300	0.30
2	2	X	(None)		None	10.0	278.0	266.0	(None)	(None)	0.300	0.30
2	1	X	(None)		None	10.0	290.0	278.0	(None)	(None)	0.300	0.30
1	3	X	(None)		None	10.0	302.0	290.0	(None)	(None)	0.300	0.30

1	2	X	(None)	None	10.0	314.0	302.0	(None)	(None)	0.300	0.30
1	1	X	(None)	None	10.0	326.0	314.0	(None)	(None)	0.300	0.30

MEMBER PROPERTIES

Sec/ Member	Type	Description	Steel Grade	Conn. Type	Bolt #-Size	Bolt Grade	End Dist.	Edge Dist.	Gusset Thick.	Gusset Grade	Bolt Space	Dble Mem. Stitch Bolt Spacing
					(in)		(in)	(in)	(in)		(in)	(in)
(ft)												
12/2	Leg	PIPE 2.875x0.203	A500 gr.C	STension	4-0.750	A325X						
12/2	Diag	L1 3/4x1 3/4x1/8	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A529 gr.50		2.000
12/2	Horiz	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A529 gr.50		2.000
12/1	Leg	PIPE 2.875x0.203	A500 gr.C	STension	4-0.750	A325X						
12/1	Diag	L1 3/4x1 3/4x1/8	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A529 gr.50		2.000
11/3	Leg	PIPE 3.500x0.216	A500 gr.C	STension	5-0.875	A325X						
11/3	Diag	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A572 gr.50		2.000
11/2	Leg	PIPE 3.500x0.216	A500 gr.C	STension	5-0.875	A325X						
11/2	Diag	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A572 gr.50		2.000
11/1	Leg	PIPE 3.500x0.216	A500 gr.C	STension	5-0.875	A325X						
11/1	Diag	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A572 gr.50		2.000
10/3	Leg	PIPE 4.500x0.237	A500 gr.C	STension	5-1.000	A325X						
10/3	Diag	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A572 gr.50		2.000
10/3	Horiz	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A572 gr.50		2.000
10/2	Leg	PIPE 4.500x0.237	A500 gr.C	STension	5-1.000	A325X						
10/2	Diag	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A572 gr.50		2.000
10/1	Leg	PIPE 4.500x0.237	A500 gr.C	STension	5-1.000	A325X						
10/1	Diag	L1 3/4x1 3/4x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	0.875	0.250	A572 gr.50		2.000
9/3	Leg	PIPE 5.563x0.258	A500 gr.C	STension	5-1.000	A325X						
9/3	Diag	L2x2x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50		2.000
9/2	Leg	PIPE 5.563x0.258	A500 gr.C	STension	5-1.000	A325X						
9/2	Diag	L2x2x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50		2.000
9/1	Leg	PIPE 5.563x0.258	A500 gr.C	STension	5-1.000	A325X						
9/1	Diag	L2x2x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50		2.000
8/3	Leg	PIPE 5.563x0.375	A500 gr.C	STension	5-1.000	A325X						
8/3	Diag	L2x2x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50		2.000
8/2	Leg	PIPE 5.563x0.375	A500 gr.C	STension	5-1.000	A325X						
8/2	Diag	L2x2x3/16	A529 gr.50	Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50		2.000
8/1	Leg	PIPE 5.563x0.375	A500 gr.C	STension	5-1.000	A325X						

8/1	Diag	L2x2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50	2.000
7/3	Leg	PIPE 5.563x0.375	A500 gr.CSTension	5-1.000	A325X					
7/3	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50	2.000
7/2	Leg	PIPE 5.563x0.375	A500 gr.CSTension	5-1.000	A325X					
7/2	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50	2.000
7/1	Leg	PIPE 5.563x0.375	A500 gr.CSTension	5-1.000	A325X					
7/1	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50	2.000
6/3	Leg	PIPE 5.563x0.375	A500 gr.CSTension	6-1.000	A325X					
6/3	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50	2.000
6/2	Leg	PIPE 5.563x0.375	A500 gr.CSTension	6-1.000	A325X					
6/2	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50	2.000
6/1	Leg	PIPE 5.563x0.375	A500 gr.CSTension	6-1.000	A325X					
6/1	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50	2.000
5/3	Leg	PIPE 6.625x0.340	A500 gr.CSTension	6-1.000	A325X					
5/3	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572 gr.50	2.000
5/2	Leg	PIPE 6.625x0.340	A500 gr.CSTension	6-1.000	A325X					
5/2	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572 gr.50	2.000
5/1	Leg	PIPE 6.625x0.340	A500 gr.CSTension	6-1.000	A325X					
5/1	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572 gr.50	2.000
4/2	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.500	A325X					
4/2	Diag	L3x3x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	0.375	0.250	A572 gr.50	2.000
4/1	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.500	A325X					
4/1	Diag	L3x3x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	0.375	0.250	A572 gr.50	2.000
3/2	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
3/2	Diag	L3x3x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.500	0.375	A572 gr.50	2.000
3/1	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
3/1	Diag	L3x3x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.500	0.375	A572 gr.50	2.000
2/3	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
2/3	Diag	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572 gr.50	2.000
2/2	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
2/2	Diag	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572 gr.50	2.000
2/1	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
2/1	Diag	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572 gr.50	2.000
1/3	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
1/3	Diag	L4x4x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	2.000	0.375	A572 gr.50	2.000
1/2	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
1/2	Diag	L4x4x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	2.000	0.375	A572 gr.50	2.000
1/1	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X					
1/1	Diag	L4x4x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	2.000	0.375	A572 gr.50	2.000

Section D: TRANSMISSION LINE DATA

Transmission Lines Position

No.	Bot El (ft)	Top El (ft)	Desc.	Radius (ft)	Az.	Orient.	No.	No. of Rows	Vert.	Antenna	User Ka
1	0.00	250.00	3/8 CABLE	17.00	0.00	0.00	1	1	Yes		
2	0.00	250.00	RC0.75-Cnd	13.67	60.00	5.00	1	1	No		
3	0.00	245.00	TX Ladder	9.05	60.00	30.00	1	1	No		
4	230.00	245.00	LDF7P-50A	1.61	60.00	30.00	2	1	No		
5	215.00	230.00	LDF7P-50A	1.80	60.00	30.00	4	1	No		
6	200.00	215.00	LDF7P-50A	2.31	60.00	30.00	6	1	No		
7	0.00	200.00	LDF7P-50A	9.05	60.00	30.00	8	1	No		

Transmission Lines Details

No.	Desc.	Width (in)	Depth (in)	Unit Mass (lb/ft)	Line Spacing (in)	Row Spacing (in)
1	3/8 CABLE	0.38	0.38	1.00	2.750	2.750
2	RC0.75-Cnd	1.05	1.05	1.09	2.750	2.750
3	TX Ladder	4.70	1.50	4.00	2.750	2.750
4	LDF7P-50A	2.01	2.01	0.92	2.250	2.750
5	LDF7P-50A	2.01	2.01	0.92	2.250	2.750
6	LDF7P-50A	2.01	2.01	0.92	2.250	2.750
7	LDF7P-50A	2.01	2.01	0.92	2.250	2.750

Section F: POINT LOAD DATA

Structure Azimuth from North:0.00

POINT LOADS

No.	Description	Elev. (ft)	Radius (ft)	Azim. (Deg)	Orient. (Deg)	Vertical Offset (ft)	Tx Line	Comments
1	BEACON & LR	250.00	1.00	0.0	0.0	0.00		
2	42,000 SQ-IN MAX EPA	245.00	1.00	0.0	0.0	0.00		
3	25,000 SQ-IN MAX EPA	230.00	1.00	0.0	0.0	0.00		
4	25,000 SQ-IN MAX EPA	215.00	1.00	0.0	0.0	0.00		
5	25,000 SQ-IN MAX EPA	200.00	1.00	0.0	0.0	0.00		

POINT LOADS WIND AREAS AND WEIGHTS

No.	Description	Frontal Bare Area (ft^2)	Lateral Bare Area (ft^2)	Frontal Iced Area (ft^2)	Lateral Iced Area (ft^2)	Weight Bare (Kips)	Weight Iced (Kips)	Gh
1	BEACON & LR	5.00	5.00	10.00	10.00	0.25	0.50	0.85
2	42,000 SQ-IN MAX EPA	233.33	233.33	466.67	466.67	4.00	12.00	0.85
3	25,000 SQ-IN MAX EPA	138.89	138.89	277.78	277.78	3.00	9.00	0.85
4	25,000 SQ-IN MAX EPA	138.89	138.89	277.78	277.78	3.00	9.00	0.85
5	25,000 SQ-IN MAX EPA	138.89	138.89	277.78	277.78	3.00	9.00	0.85

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Contract: 252868
Project: 250 FT RTL TOWER
Date and Time: 8/20/2026 3:27:45 PM

Revision: 0
Site: BENTON SOUTH- KY
Engineer: AS

Section H: STRUCTURE DISPLACEMENT DATA

Load Combination Wind Only - Serviceability

Wind Direction Maximum displacements

Node	Elev. (ft)	N-S Disp (in)	W-E Disp (in)	Vert.Disp (in)	N-S Rot (Deg)	W-E Rot (Deg)	Twist (Deg)
102	250.0	14.0	14.0	-0.1	0.63	0.61	0.23
99	245.0	13.4	13.3	-0.1	0.65	0.63	-0.23
96	240.0	12.7	12.7	-0.1	0.63	0.61	0.20
93	233.3	11.8	11.8	-0.1	0.63	0.61	-0.20
90	226.7	10.9	11.0	-0.1	0.58	0.57	0.16
87	220.0	10.1	10.2	-0.1	0.55	0.54	-0.15
84	213.3	9.3	9.4	-0.1	0.52	0.51	0.12
81	206.7	8.6	8.7	-0.1	0.48	0.48	0.10
78	200.0	8.0	8.0	-0.1	0.45	0.45	0.09
75	193.3	7.3	7.4	-0.1	0.42	0.42	0.08
72	186.7	6.7	6.8	-0.1	0.40	0.40	0.07
69	180.0	6.2	6.3	-0.1	0.37	0.37	0.06
66	173.3	5.7	5.7	-0.1	0.35	0.35	0.05
63	166.7	5.2	5.2	-0.1	0.33	0.34	-0.05
60	160.0	4.7	4.8	-0.1	0.31	0.31	0.04
57	153.3	4.3	4.3	-0.1	0.29	0.30	-0.04
54	146.7	3.9	3.9	-0.1	0.27	0.27	0.03
51	140.0	3.5	3.5	-0.1	0.26	0.26	-0.03
48	133.3	3.1	3.2	-0.1	0.23	0.24	0.02
45	126.7	2.8	2.8	-0.1	0.22	0.23	-0.02
42	120.0	2.5	2.5	-0.1	0.20	0.20	0.02
39	113.3	2.2	2.2	-0.1	0.19	0.20	-0.02
36	106.7	1.9	2.0	-0.1	0.17	0.17	0.01
33	100.0	1.7	1.7	-0.1	0.15	0.16	-0.01
30	90.0	1.4	1.4	-0.1	0.13	0.13	0.01
27	80.0	1.1	1.1	0.0	0.12	0.12	-0.01
24	70.0	0.8	0.9	0.0	0.10	0.10	0.01
21	60.0	0.6	0.6	0.0	0.09	0.09	-0.01
18	50.0	0.4	0.5	0.0	0.07	0.07	0.00
15	40.0	0.3	0.3	0.0	0.06	0.06	0.00
12	30.0	0.2	0.2	0.0	0.04	0.04	0.00
9	20.0	0.1	0.1	0.0	0.03	0.03	0.00
6	10.0	0.0	0.0	0.0	0.01	-0.01	0.00
3	0.0	0.0	0.0	0.0	0.00	0.00	0.00

Section L: STRENGTH ASSESSMENT SORTED DATA

Load Combination Max Envelope
Wind Direction Maximum

Sec	Pnl	Elev. (ft)	MType	Desc.	Len (ft)	kl/r	Gov. comp. cap. (Kips)	Gov. tens. cap. (Kips)	Max Compr. (Kips)	Max Tens. (Kips)	Asses. Ratio
12	2	245.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	1.6	1.4	0.03
12	1	240.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	9.2	4.3	0.16
11	3	233.33	Leg	PIPE 3.500x0.216	6.67	69.0	70.9	100.4	19.6	15.4	0.28
11	2	226.67	Leg	PIPE 3.500x0.216	6.67	69.0	70.9	100.4	36.1	30.0	0.51
11	1	220.00	Leg	PIPE 3.500x0.216	6.67	69.0	70.9	100.4	56.7	49.4	0.80
10	3	213.33	Leg	PIPE 4.500x0.237	6.68	53.1	116.1	142.6	73.3	65.3	0.63
10	2	206.67	Leg	PIPE 4.500x0.237	6.68	53.1	116.1	142.6	91.2	80.9	0.79
10	1	200.00	Leg	PIPE 4.500x0.237	6.68	53.1	116.1	142.6	103.8	93.8	0.89
9	3	193.33	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	119.9	107.3	0.71
9	2	186.67	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	135.1	122.4	0.80
9	1	180.00	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	147.7	135.0	0.87
8	3	173.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	160.7	147.1	0.67
8	2	166.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	172.0	157.4	0.72
8	1	160.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	183.2	167.6	0.77
7	3	153.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	193.1	176.5	0.81
7	2	146.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	203.1	185.4	0.85
7	1	140.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	212.2	193.4	0.89
6	3	133.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	221.1	201.3	0.92
6	2	126.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	229.4	208.4	0.96
6	1	120.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	237.6	215.5	**0.99**
5	3	113.33	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	245.7	222.4	0.89
5	2	106.67	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	253.8	229.3	0.92
5	1	100.00	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	261.9	236.2	0.95
4	2	90.00	Leg	PIPE 6.625x0.432	10.02	54.6	304.2	378.5	271.0	243.7	0.89
4	1	80.00	Leg	PIPE 6.625x0.432	10.02	54.6	304.2	378.5	282.1	252.7	0.93
3	2	70.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	292.7	261.3	0.76
3	1	60.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	304.1	270.5	0.79
2	3	50.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	315.4	279.4	0.82
2	2	40.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	326.7	288.1	0.85
2	1	30.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	337.8	296.7	0.87
1	3	20.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	349.0	305.2	0.90
1	2	10.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	360.1	313.5	0.93
1	1	0.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	371.2	321.7	0.96
12	2	245.00	Diag	L1 3/4x1 3/4x1/8	6.90	106.8	10.5	7.1	2.3	2.3	0.32
12	1	240.00	Diag	L1 3/4x1 3/4x1/8	6.92	107.1	10.5	7.1	4.5	4.6	0.64
11	3	233.33	Diag	L1 3/4x1 3/4x3/16	8.22	124.6	11.4	10.7	5.7	5.5	0.52
11	2	226.67	Diag	L1 3/4x1 3/4x3/16	8.23	124.9	11.4	10.7	7.4	7.4	0.70
11	1	220.00	Diag	L1 3/4x1 3/4x3/16	8.25	125.2	11.3	10.7	9.0	8.8	0.83
10	3	213.33	Diag	L1 3/4x1 3/4x3/16	8.47	135.7	9.6	10.7	7.6	7.2	0.79
10	2	206.67	Diag	L1 3/4x1 3/4x3/16	8.91	144.4	8.5	10.7	7.3	7.6	0.86
10	1	200.00	Diag	L1 3/4x1 3/4x3/16	9.38	153.5	7.5	10.7	6.8	6.5	0.91
9	3	193.33	Diag	L2x2x3/16	9.87	139.3	10.5	11.8	8.2	7.9	0.79
9	2	186.67	Diag	L2x2x3/16	10.37	147.6	9.3	11.8	7.3	7.5	0.78
9	1	180.00	Diag	L2x2x3/16	10.89	155.9	8.4	11.8	7.1	6.8	0.85
8	3	173.33	Diag	L2x2x3/16	11.43	164.5	7.5	11.8	6.4	6.6	0.86
8	2	166.67	Diag	L2x2x3/16	11.97	173.2	6.8	11.8	6.4	6.2	0.94
8	1	160.00	Diag	L2x2x3/16	12.53	182.0	6.1	11.8	6.0	6.1	0.97
7	3	153.33	Diag	L2 1/2x2 1/2x3/16	13.10	151.7	11.2	14.1	6.0	5.8	0.54
7	2	146.67	Diag	L2 1/2x2 1/2x3/16	13.68	158.9	10.2	14.1	5.8	5.8	0.57
7	1	140.00	Diag	L2 1/2x2 1/2x3/16	14.27	166.2	9.3	14.1	5.8	5.7	0.63
6	3	133.33	Diag	L2 1/2x2 1/2x3/16	14.87	173.9	8.5	14.1	5.5	5.4	0.64
6	2	126.67	Diag	L2 1/2x2 1/2x3/16	15.49	181.7	7.8	14.1	5.5	5.5	0.70
6	1	120.00	Diag	L2 1/2x2 1/2x3/16	16.12	189.4	7.2	14.1	5.5	5.5	0.77
5	3	113.33	Diag	L2 1/2x2 1/2x3/16	16.74	176.8	8.2	18.8	5.8	5.8	0.70

5	2	106.67	Diag	L2 1/2x2 1/2x3/16	17.35	182.6	7.7	18.8	5.9	5.8	0.76
5	1	100.00	Diag	L2 1/2x2 1/2x3/16	17.97	188.4	7.3	18.8	5.9	6.0	0.81
4	2	90.00	Diag	L3x3x3/16	20.21	179.7	9.7	10.8	6.2	5.8	0.64
4	1	80.00	Diag	L3x3x3/16	21.14	187.1	8.9	10.8	5.9	6.1	0.66
3	2	70.00	Diag	L3x3x3/16	22.06	192.5	8.4	21.1	6.7	6.6	0.80
3	1	60.00	Diag	L3x3x3/16	22.96	199.5	7.8	21.1	6.8	6.8	0.86
2	3	50.00	Diag	L3 1/2x3 1/2x1/4	23.86	180.6	14.8	31.1	7.0	6.9	0.47
2	2	40.00	Diag	L3 1/2x3 1/2x1/4	24.77	186.8	13.9	31.1	7.1	7.1	0.51
2	1	30.00	Diag	L3 1/2x3 1/2x1/4	25.69	192.9	13.0	31.1	7.3	7.2	0.56
1	3	20.00	Diag	L4x4x1/4	26.62	175.5	18.0	34.1	7.4	7.4	0.41
1	2	10.00	Diag	L4x4x1/4	27.55	180.9	17.0	34.1	7.6	7.5	0.45
1	1	0.00	Diag	L4x4x1/4	28.48	186.3	16.0	34.1	7.7	7.7	0.48
12	2	245.00	Horiz	L1 3/4x1 3/4x3/16	4.75	145.7	8.4	10.7	1.5	1.5	0.18
10	3	213.33	Horiz	L1 3/4x1 3/4x3/16	4.87	145.1	8.4	10.7	0.2	0.1	0.02

File: J:\2026\252868\ENGINEERING\252868.out
Contract: 252868
Project: 250 FT RTL TOWER
Date and Time: 8/20/2026 3:27:45 PM

Revision: 0
Site: BENTON SOUTH- KY
Engineer: AS

Section M: SECTION PROPERTIES DATA

Sec	Pan	Memb. Type	Steel Grade	Conn. Type	Bolts Bolts	Bolt Size (in)	Bolt Grade	End Dist. (in)	Gusset Thick. (in)	kl/r	Comp Cap. (Kips)	Tens Cap. (Kips)	Bolt Cap. (Kips)	Bear. Cap. (Kips)	Block Shear (Kips)
12	2	Leg	A500 gr.CS	Tension	4	0.750	A325X	1.125	N/A	63.4	57.1	76.5	121.7T	N/A	N/A
12	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	106.8	10.5	11.9	17.2S	9.8	7.1
12	2	Horiz	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	145.7	8.4	17.4	17.2S	14.7	10.7
12	1	Leg	A500 gr.CS	Tension	4	0.750	A325X	1.125	N/A	63.4	57.1	76.5	121.7T	N/A	N/A
12	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	107.1	10.5	11.9	17.2S	9.8	7.1
11	3	Leg	A500 gr.CS	Tension	5	0.875	A325X	1.313	N/A	69.0	70.9	100.4	209.9T	N/A	N/A
11	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	124.6	11.4	17.4	17.2S	14.7	10.7
11	2	Leg	A500 gr.CS	Tension	5	0.875	A325X	1.313	N/A	69.0	70.9	100.4	209.9T	N/A	N/A
11	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	124.9	11.4	17.4	17.2S	14.7	10.7
11	1	Leg	A500 gr.CS	Tension	5	0.875	A325X	1.313	N/A	69.0	70.9	100.4	209.9T	N/A	N/A
11	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	125.2	11.3	17.4	17.2S	14.7	10.7
10	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	53.1	116.1	142.6	275.3T	N/A	N/A
10	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	135.7	9.6	17.4	17.2S	14.7	10.7
10	3	Horiz	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	145.1	8.4	17.4	17.2S	14.7	10.7
10	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	53.1	116.1	142.6	275.3T	N/A	N/A
10	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	144.4	8.5	17.4	17.2S	14.7	10.7
10	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	53.1	116.1	142.6	275.3T	N/A	N/A
10	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	153.5	7.5	17.4	17.2S	14.7	10.7
9	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
9	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	139.3	10.5	20.7	17.2S	14.7	11.8
9	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
9	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	147.6	9.3	20.7	17.2S	14.7	11.8
9	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
9	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	155.9	8.4	20.7	17.2S	14.7	11.8
8	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
8	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	164.5	7.5	20.7	17.2S	14.7	11.8
8	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
8	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	173.2	6.8	20.7	17.2S	14.7	11.8
8	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
8	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	182.0	6.1	20.7	17.2S	14.7	11.8
7	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
7	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	151.7	11.2	27.7	17.2S	14.7	14.1
7	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
7	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	158.9	10.2	27.7	17.2S	14.7	14.1
7	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
7	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	166.2	9.3	27.7	17.2S	14.7	14.1
6	3	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
6	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	173.9	8.5	27.7	17.2S	14.7	14.1
6	2	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
6	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	181.7	7.8	27.7	17.2S	14.7	14.1
6	1	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
6	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	189.4	7.2	27.7	17.2S	14.7	14.1
5	3	Leg	A500 gr.CS	Tension	6	1.000	A325X	1.500	N/A	36.0	274.8	302.1	330.3T	N/A	N/A
5	3	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	176.8	8.2	27.7	34.5S	25.7	18.8
5	2	Leg	A500 gr.CS	Tension	6	1.000	A325X	1.500	N/A	36.0	274.8	302.1	330.3T	N/A	N/A
5	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	182.6	7.7	27.7	34.5S	25.7	18.8
5	1	Leg	A500 gr.CS	Tension	6	1.000	A325X	1.500	N/A	36.0	274.8	302.1	330.3T	N/A	N/A
5	1	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	188.4	7.3	27.7	34.5S	25.7	18.8
4	2	Leg	A500 gr.CS	Tension	6	1.500	A325X	2.250	N/A	54.6	304.2	378.5	765.3T	N/A	N/A
4	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.250	179.7	9.7	34.6	34.5S	25.7	10.8

4	1	Leg	A500 gr.CS	Tension	6	1.500	A325X	2.250	N/A	54.6	304.2	378.5	765.3T	N/A	N/A
4	1	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.250	187.1	8.9	34.6	34.5S	25.7	10.8
3	2	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
3	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	192.5	8.4	34.6	34.5S	25.7	21.1
3	1	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
3	1	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	199.5	7.8	34.6	34.5S	25.7	21.1
2	3	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	3	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	180.6	14.8	54.8	34.5S	34.1	31.1
2	2	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	186.8	13.9	54.8	34.5S	34.1	31.1
2	1	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	1	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	192.9	13.0	54.8	34.5S	34.1	31.1
1	3	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
1	3	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	175.5	18.0	63.9	34.5S	34.1	34.2
1	2	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
1	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	180.9	17.0	63.9	34.5S	34.1	34.2
1	1	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
1	1	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	186.3	16.0	63.9	34.5S	34.1	34.2

Section N: LEG REACTION DATA

Load Combination — Max Envelope
Wind Direction — Maximum

Force-Y Download (Kips)	Force-Y Uplift (Kips)	Shear-X (Kips)	Shear-Z (Kips)	Max Shear (Kips)
376.07	325.24			32.83

Section O: TOWER FOUNDATION DATA

Load Combination Max Envelope
Wind Direction Maximum

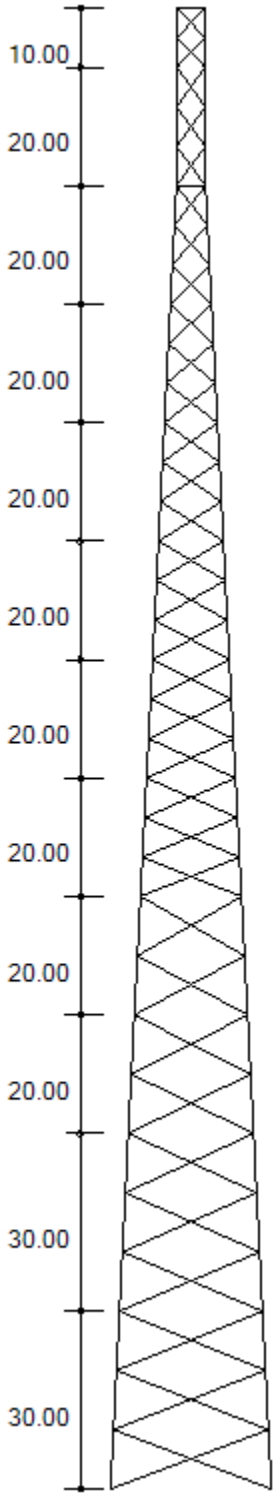
Axial Load (Kips)	Shear Load-X (Kips)	Shear Load-Z (Kips)	Total Shear (Kips)	Moment-X (Kipsft)	Moment-Y (Kipsft)	Moment-Z (Kipsft)	Total Moment (Kipsft)
47.54	26.78	46.44	53.61	7239.63	-20.69	-4166.13	8352.78
47.54	26.78	46.44	53.61	7239.63	-20.69	-4166.13	8352.78

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Contract: 252868
Project: 250 FT RTL TOWER
Date and Time: 8/20/2026 3:27:45 PM

Revision: 0
Site: BENTON SOUTH- KY
Engineer: AS

DESIGN SPECIFICATION

Sct.	Length (ft)	Top W. (in)	Bot Width (in)
1	30.00	289.97	325.97
2	30.00	253.97	289.97
3	20.00	229.97	253.97
4	20.00	204.24	229.97
5	20.00	180.24	204.24
6	20.00	155.32	180.24
7	20.00	131.32	155.32
8	20.00	107.32	131.32
9	20.00	83.32	107.32
10	20.00	58.40	83.32
11	20.00	57.53	58.40
12	10.00	56.99	57.53



MAXIMUM BASE REACTIONS

Download (Kips)	376.1
Uplift (Kips)	325.2
Shear (Kips)	32.8

Customer: TAG TOWERS III, LLC
Project: 250 FT RTL TOWER
Site: BENTON SOUTH, KY
Engr. File: 252868
Build Code: ANSI/TIA-222-H-2016

Mat Foundation

ver.3.1.0

Design Parameters

	Load Case					
Description	**1**	**2**	**3**	**4**	**5**	**Service**
Total Moment, ft-kips	8,350.18	8,352.78	1,261.70	667.27	662.56	2,739.65
Total Shear, kips	53.59	53.61	7.25	3.41	3.41	17.86
Total Tower Wt, kips	63.37	47.54	143.38	63.33	47.50	52.78
Max. Uplift, kips	320.07	325.24	5.68	6.90	12.05	94.91
Shear, kips	29.14	29.44	1.72	.89	1.19	9.03
Max Download, kips	376.07	370.91	100.54	49.47	44.00	134.05
Shear	32.83	32.54	7.02	3.31	3.01	11.58
Soil L.F.	1.20	0.90	1.20	1.20	0.90	1.00
Concrete L.F.	1.20	0.90	1.20	1.20	0.90	1.00

Foundation	
Ht. AGL, ft	0.50
Depth, ft.	5.25
Tower	
Face Width, ft	27.16
Offset, in	48.00
Soil	N/A
Blow Count	N/A
Inplace Unit Wt, pcf	110.00
Submerged Unit Wt, pcf	60.00
Friction Angle, ϕ, deg.	30.00
Cohesion, ksf	N/A
Uplift Angle, deg.	30.00
Water Depth, ft	None
Ult Bearing Capacity, ksf	8.00

Mat	
Thickness, ft	1.75
Width, ft	33.50
EA, in	15.00
Batter, in/ft	0.00

Anchor Bolts	
Diameter, in	1.5000
No.	6
Length, in	74.00
Bolt Circle, in	20.00
Projection, in	9.00
Concrete	
28 Day Strength, ksi	4.50
Dry Unit Wt, pcf	150.00
Wet Unit Wt, pcf	88.00

Pier	
Height, ft	4.00
Diameter, ft	3.50
No. Piers	3
Shape	Round

Pocket	
Diameter, in	N/A
Thickness, ft	N/A

Rebar Fy	
Vertical, ksi	60.00
Circular, ksi	60.00
Horizontal, ksi	60.00

Results

ϕM_N – Parallel Axis	11,029.72	ft-kips
ϕM_N – Diagonal Axis	12,053.40	ft-kips
Moment – Interaction Ratio	0.805	
ϕV_N – Lateral Load	185.62	kips
Lateral Load – Interaction Ratio	0.289	

Final Mat Dimension : 33.50 x 33.50 x 1.75 ft. thick w/ (3) 3.50 ft. Dia. Piers

Final Pocket Dimension : Pockets not required

Total Volume of Concrete : 77.0 yd^3

Designed By: AS
Date: 20 August, 2026 @ 04:04 PM

ENGINEERING
CHECKED BY: SY
08/20/2026

Customer: TAG TOWERS III, LLC
Project: 250 FT RTL TOWER
Site: BENTON SOUTH, KY
Engr. File: 252868
Build Code: ANSI/TIA-222-H-2016

Mat Foundation

ver.3.1.0

OTM Capacity

Controlling Load Case: 2 [Wind w/Min. Dead Load]
Foundation Width = 33.50 ft
M_U = 8,876.0 ft-kips

	ϕM_N, ft-kips	x, ft	N	σ_{ur}
Parallel	11,029.7	3.617	0.108	8.00
Diagonal	12,053.4	11.008	0.232	8.00

ϕM_N= 11,029.72 ft-kips IRatio = 0.805
ϕV_N = 185.62 kips IRatio = 0.289

Mat Design

γ_e = 123.33 pcf

						Moment, ft-kips/ft		Shear, kips/ft	
Exterior Slab	**x, ft**	**N**	**σ_R, ksf**	**P_s kips**	**P_{su} kips**	**DownLoad Side**	**Uplift Side**	**Download Side**	**Uplift Side**
Parallel	9.260	0.276	2.33	19.99	0.00	9.63	6.12	5.81	3.13
Diagonal	17.352	0.366	2.40	19.99	0.00	68.10	33.18	15.79	7.45

Interior Slab	**Moment, ft-kips/ft**		**Shear, kips/ft**		
	DownLoad Side	**Uplift Side**	**Download Side**	**Uplift Side**	**Soil Pressure Termination**
	25.78	53.63	5.80	6.79	5.62

Punching Shear	**Download**			**Uplift**			**Description**
	Interior	**Edge**	**Corner**	**Interior**	**Edge**	**Corner**	
b_o, ft	17.74	15.21	12.51	15.08	13.88	11.85	2-Way Shear
Vsu, psi	122.64	150.01	191.44	123.07	139.52	173.15	
ϕVc, psi	228.08	228.08	228.08	228.08	228.08	228.08	
IR	0.54	0.66	0.84	0.54	0.61	0.76	
M_{ut}, ft-kips	78.8			70.7			Moment transfer to slab
B_e, ft	7.5			7.2			
M_u, ft-kips/ft	10.4			9.9			
Edge Distances: a = 5.07 ft. b = 3.17 ft. c = 4.91 ft.							

Summary	**Max. Value**	**Utilization**
Slab Moment, ft-kips/ft	68.10	0.981
Slab Shear, kips/ft	15.79	0.721
Punching Shear, psi	191.44	0.839
Soil Bearing Required, σ_{UR}, ksf	3.20	0.400

Mat Reinforcement	
Min. Steel Area (Strength)	.800 in^2/ft.
Min. Steel Area (Temperature)	.227 in^2/ft.
Steel Strain Actual	0.016
Minimum Steel Strain Required	0.005

62 - #6 Horizontal bars equally spaced @6.49 in., each way, top and bottom, total of 248, A_s = 0.818 in^2/ft

Designed By: AS
Date: 20 August, 2026 @ 04:04 PM

Customer: TAG TOWERS III, LLC
Project: 250 FT RTL TOWER
Site: BENTON SOUTH, KY
Engr. File: 252868
Build Code: ANSI/TIA-222-H-2016

Mat Foundation

ver.3.1.0

Pier Design

Controlling Load Case: 2 [Wind w/Min. Dead Load]

C = 370.91 kips	Vc = 32.54 kips	Mc = 130.16 ft-kips
T = 325.24 kips	Vt = 29.44 kips	Mt = 117.76 ft-kips
Fy = 60.00 ksi	Fyt = 60.00 ksi	L.F. = 1.00
H = 42.00 in.	Ds = 33.00 in.	F'c = 4.50 ksi
U = 1.00	Irs = Round	

*** **NOTE**: Pier cross section is Round ***

SUMMARY OF ANALYSIS

Minimum area of steel required	= 10.185 in^2	(Rhomin = 0.0074)
Area of steel provided.	= 10.996 in^2	(Rhoactual = 0.0079)
Maximum steel area limit	= 110.836 in^2	(Rhomax = 0.0800)

(14) #8 Vertical Bars equally spaced w/ #4 Circular Ties @ 6” on center.

CIRCULAR TIE DATA

Vu < 0.85*Vc/2, shear reinforcement is not required

Use maximum tie spacing specified in ACI 318,
Section 7.10.5 for compression reinforcement.

DEVELOPMENT LENGTH MODIFIERS FOR BAR DEVELOPMENT

Modifier for tension development = 1.000
Modifier for compression development = 0.167
REQUIRED Ld = MODIFIER * BASIC Ld * ACI 318 MODIFIERS, (12 in. min.)

Designed By: AS
Date: 20 August, 2026 @ 04:04 PM

File: 252868 **Customer:** TAG TOWERS III, LLC **Date:** 08/20/26

Engineer: AS **Description:** 250 FT RTL TOWER Version: 2026-06-15

Tower Type: RT **Site:** BENTON SOUTH, KY

ENGINEERING
CHECKED BY: SY
08/20/2026

FACTORED REACTIONS / LEG

COMPRESSION =	376.07	k	(6) - 1.5" dia x 74" long anchor rods per leg		
UPLIFT =	325.24	k			
SHEAR =	32.83	k	f'c =	4,500	psi
Soil Heave Uplift =	0.00	k	fy =	60,000	psi

SOIL PARAMETERS

A) Depth neglected for skin friction = Top 3.0 ft

B) Average ultimate skin shear for uplift:

3.0 ft to 5.0 ft depth = 200 psf, and 5.0 ft to 8.0 ft depth = 300 psf, and 8.0 ft to 12.0 ft depth = 500 psf, and
12.0 ft to 17.0 ft depth = 700 psf, and 17.0 ft to 22.0 ft depth = 900 psf, and 22.0 ft to 32.0 ft depth = 100 psf, and
32.0 ft to 37.0 ft depth = 400 psf, and 37.0 ft to 47.0 ft depth = 500 psf, and 47.0 ft to 47.5 ft depth = 600 psf.

C) Average ultimate skin shear for download:

3.0 ft to 5.0 ft depth = 200 psf, and 5.0 ft to 8.0 ft depth = 300 psf, and 8.0 ft to 12.0 ft depth = 500 psf, and
12.0 ft to 17.0 ft depth = 700 psf, and 17.0 ft to 22.0 ft depth = 900 psf, and 22.0 ft to 32.0 ft depth = 100 psf, and
32.0 ft to 37.0 ft depth = 400 psf, and 37.0 ft to 47.0 ft depth = 500 psf, and 47.0 ft to 47.5 ft depth = 600 psf

D) Ultimate net end bearing at 47.5 ft = 14.00 ksf.

E) Groundwater table at 18.0 ft below ground.

USE 6' - 0" DIAMETER AND 47' - 6" DEEP DRILLED PIER WITH 0' - 6" PROJECTION

Perimeter = 18.85 ft Area = 28.27 ft^2

Total Download = 376.07 + [1.2 x 0.15 - 0.75 x 0.120] x 48 x 28.27 = 498.2 k

Tension Capacity = 28.27 x (18.5 x 0.15 + 29.5 x 0.09) x 0.90 + 18.85 x
(0.200 x 2.0 + 0.300 x 3.0 + 0.500 x 4.0 + 0.700 x 5.0 + 0.900 x 5.0 + 0.100 x 10.0 +
0.400 x 5.0 + 0.500 x 10.0 + 0.600 x 0.5) x 0.75 =

138.2 + 277.1 = 415.3 k

415.3 >= 325.24 **OK**

Comp. Capacity = 28.27 x 14.00 x 0.75 +18.85 x
(0.200 x 2.0 + 0.300 x 3.0 + 0.500 x 4.0 + 0.700 x 5.0 + 0.900 x 5.0 + 0.100 x 10.0 +
0.400 x 5.0 + 0.500 x 10.0 + 0.600 x 0.5) x 0.75 =

296.8 + 277.1 = 573.9 k

573.9 >= 498.2 **OK**

LATERAL - SEE ATTACHED CALCULATIONS USING WIGGINS METHOD

Max M = 453.30 ft-k Max V = 32.83 k

REINFORCEMENT - SEE ATTACHED SHAFT PROGRAM

USE 26 - # 8 BARS VERTICAL WITH # 4 TIES AT 6" IN TOP 7.0 FT AND AT 12" IN REST OF PIER.

STEEL AREA = 20.42 in^2 **OK**

LAP SPLICE LENGTH = 59 IN {60.0 in Cage Diameter}

***CONCRETE VOL.* =** 28.27 x 48.0 / 27 = 50.3 cu yds / pier

****

** WIGGINS METHOD **

****
** DETERMINE MAXIMUM LATERAL SOIL PRESSURE **
**   AND MAXIMUM MOMENT IN THE SHAFT FOR   **
**   A DRILLED PIER FOUNDATION   **
********** Thu Aug 20 16:11:11 2026 **********
Ver. 2.3 NT

FILE NO.- 252868
ENGR.- AS
DESCR.- TAG TOWERS III, LLC 250 FT RTL TOWER

FORMULAS USED

$$S1 = \frac{6*P*(1+N)}{D*L*(1-N)*(1-N)}$$

$$S2 = \frac{(N+3)*(N+3)*S1}{8*(N+1)*(N+2)}$$

$$K = \frac{1-(N*N)}{2*(2+N)}$$

$$Y = \frac{L*(1-K)-NL}{2}$$

$$M = P*(NL+5/8*Y)$$

V = S1*D*K*L / 2. or
    P whichever is greater

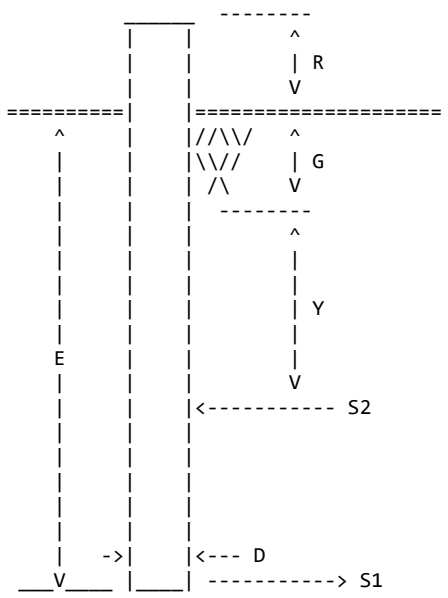
$$L = (MA/P)+R+E$$

$$NL = (MA/P)+R+G$$

$$N = NL / L$$

$$SP1 = S1 / E$$

$$SP2 = S2 / (Y+G)$$



Diameter of Pier = D = 6.00 ft
Projection Above Grade = R = .50 ft
Embedment Depth = E = 47.50 ft
Depth of Soil Ignored = G = 3.00 ft

Equivalent Length of Pier = L = 48.00 ft
Length for NO Soil Resistance = NL = 3.50 ft
Applied Moment at Top of Pier = MA = .00 ft-k
Shear at Top of Pier = P = 32.83 kips

MAXIMUM LATERAL SOIL PRESSURES				MAXIMUM VALUES IN SHAFT	
K = .2399	S1 = 0.854 ksf	SP1 = 18 psf/ft		M = 453.30 ft-k	
Y = 16.49 ft	S2 = .453 ksf	SP2 = 23 psf/ft		V = 32.83 kips	

****
** **
** COMPARISION DATA **
** **
****

BROMS ----->	SAND		CLAY	
PHI =	30.0	degrees		
C =			1.00	ksf
DENSITY =	100.00	pcf		
E =	13.93	ft	17.23	ft
Max. M =	222.84	ft-k	331.84	ft-k
Max. V =	100.36	kips	94.66	kips
Ls =	9.933	ft		

SHAFT REINFORCING PROGRAM VER. 91.7

DESIGNED BY: AS
ENG. FILE NO.: 252868
DATE: 08/20/26

CUSTOMER: TAG TOWERS III, LLC
DESCRIPTION: 250 FT RTL TOWER BENTON SOUTH, KY

INPUT DATA

C =	376.07 Kips	Vc =	32.83 Kips	Mc =	453.30 Ft-K
T =	325.24 Kips	Vt =	32.83 Kips	Mt =	453.30 Ft-K
Fy =	60.00 Ksi	Fyt =	60.00 Ksi	L.F. =	1.00
H =	72.00 In.	Ds =	60.00 In.	F'c =	4.50 Ksi
U =	1.00	Irs =	1		

*** SHAFT CROSS SECTION IS ROUND ***

SUMMARY OF ANALYSIS

Minimum area of steel req'd. = 20.36 sq.in. (Rhomin = 0.0050)

Maximum steel area limit = 325.72 sq.in. (Rhomax = 0.0800)

CIRCULAR TIE DATA

Vu <.85*Vc/2, shear reinforcement is not required.

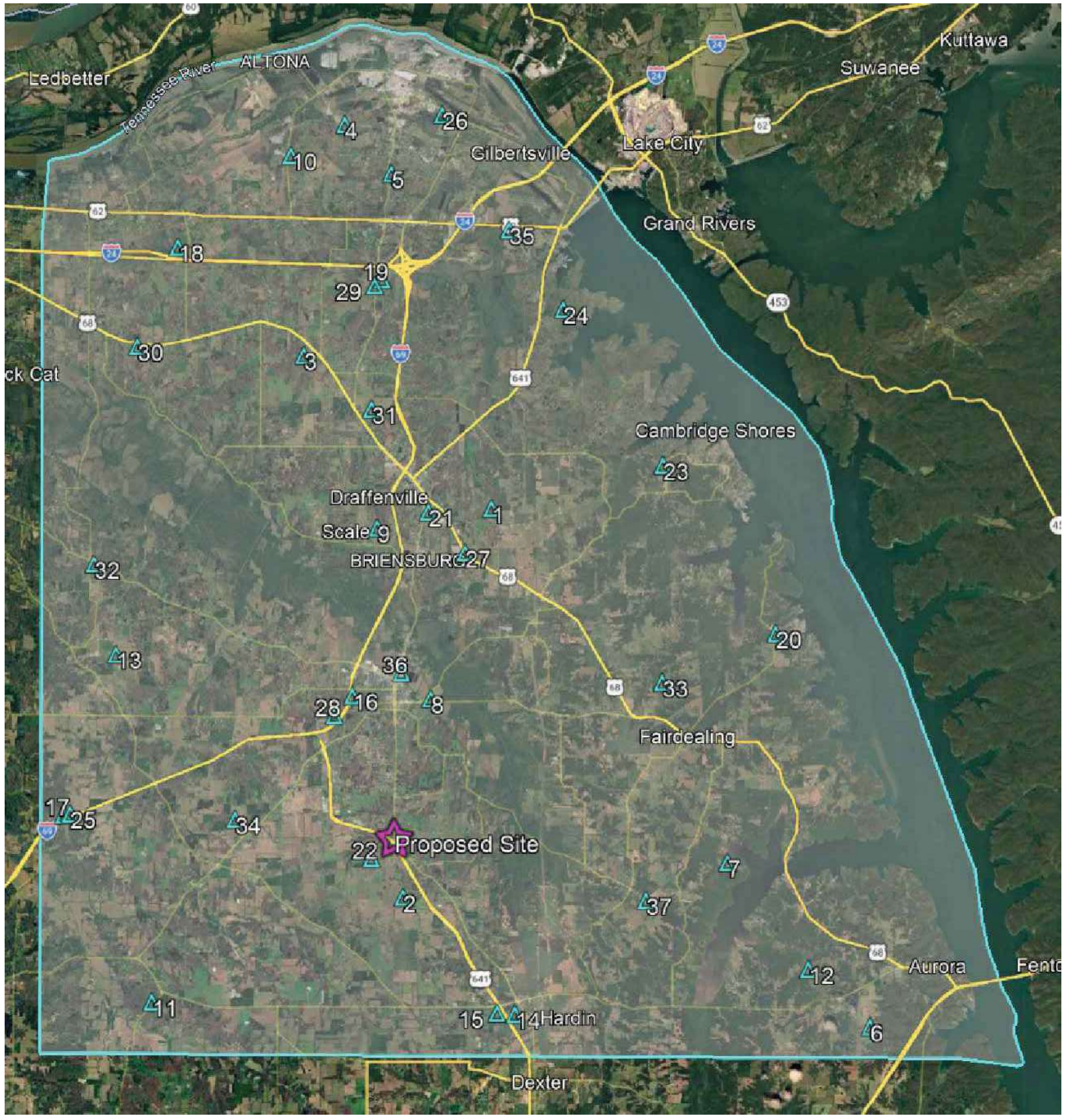
Use maximum tie spacing specified in A.C.I. 318-83,
Section 7.10.5 for compression reinforcement.

DEVELOPMENT LENGTH MODIFIERS FOR TENSION AND COMPRESSION BAR DEVELOPMENT

DLMT = MODIFIER FOR TENSION DEVELOPMENT = 0.667

DLMC = MODIFIER FOR COMPRESSION DEVELOPMENT = 0.086

REQUIRED Ld = MODIFIER * BASIC Ld * ACI 318 MODIFIERS (12 in. min.)



Marshall County Tower Map

FCC Registered Sites (Marshall County)

Tower	ASR Registration	Latitude	Longitude	Tower Owner
1	1030666	N36° 54' 58.8"	W088° 18' 48.9"	CROWN CASTLE GT COMPANY, LLC
2	1038664	N36° 47' 53.0"	W088° 20' 50.0"	JACK DUNNIGAN
3	1039662	N36° 57' 47.0"	W088° 23' 06.0"	TEXAS GAS TRANSMISSION LLC
4	1040303	N37° 02' 00.0"	W088° 22' 10.0"	PINNACLE TOWERS LLC
5	1041840	N37° 01' 05.0"	W088° 21' 07.0"	CALVERT CITY, KY
6	1043411	N36° 45' 30.7"	W088° 10' 11.4"	CROWN CASTLE SOUTH LLC
7	1044649	N36° 48' 31.0"	W088° 13' 26.0"	HEARTLAND MINISTRIES INC WVHM
8	1044669	N36° 51' 31.0"	W088° 20' 11.0"	FREELAND BROADCASTING COMPANY, INC.
9	1052496	N36° 54' 37.7"	W088° 21' 25.3"	CROWN CASTLE SOUTH LLC
10	1053410	N37° 01' 26.0"	W088° 23' 24.0"	WITHERS BROADCASTING COMPANY OF PADUCAH, LLC
11	1058357	N36° 45' 58.3"	W088° 26' 33.6"	KENTUCKY RSA #1 PARTNERSHIP
12	1200973	N36° 46' 33.9"	W088° 11' 35.7"	KENTUCKY RSA #1 PARTNERSHIP
13	1201214	N36° 52' 19.0"	W088° 27' 23.0"	WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORP.
14	1202514	N36° 45' 45.0"	W088° 18' 17.0"	WEST KENTUCKY RURAL TELEPHONE COOPERATIVE CORP.
15	1215863	N36° 45' 46.2"	W088° 18' 41.4"	SBA PROPERTIES, LLC
16	1221947	N36° 51' 33.5"	W088° 21' 59.2"	SBA PROPERTIES, LLC
17	1221975	N36° 49' 23.1"	W088° 28' 34.5"	SBA PROPERTIES, LLC
18	1222118	N36° 59' 45.3"	W088° 25' 59.1"	SBA PROPERTIES, LLC
19	1222232	N36° 59' 09.9"	W088° 21' 18.6"	SBA PROPERTIES, LLC
20	1223751	N36° 52' 41.6"	W088° 12' 19.4"	CROWN CASTLE GT COMPANY, LLC
21	1233410	N36° 54' 55.2"	W088° 20' 15.1"	COUNTY OF MARSHALL, KY
22	1235812	N36° 48' 36.1"	W088° 21' 33.1"	MOBILE COMMUNICATIONS AMERICA, INC
23	1264821	N36° 55' 46.1"	W088° 14' 53.8"	SBA TOWERS II, LLC
24	1301361	N36° 58' 37.3"	W088° 17' 10.5"	PI TOWER DEVELOPMENT, LLC
25	1304962	N36° 49' 24.3"	W088° 28' 25.5"	TILLMAN INFRASTRUCTURE, LLC
26	1306050	N37° 02' 10.8"	W088° 19' 56.2"	SKYWAY TOWERS, LLC
27	1313735	N36° 54' 10.5"	W088° 19' 24.9"	CTI TOWERS ASSETS II, LLC
28	1315674	N36° 51' 12.0"	W088° 22' 23.9"	TILLMAN INFRASTRUCTURE, LLC
29	1321782	N36° 59' 03.2"	W088° 21' 28.9"	TILLMAN INFRASTRUCTURE, LLC
30	1327645	N36° 57' 56.8"	W088° 26' 54.4"	APC TOWERS, LLC
31	1328021	N36° 56' 48.3"	W088° 21' 33.1"	TOWERCO V HOLDINGS, LLC
32	1328651	N36° 53' 57.9"	W088° 27' 53.1"	THE TOWERS, LLC
33	1330185	N36° 51' 47.8"	W088° 14' 55.25"	TOWERCO V HOLDINGS, LLC
34	1331097	N36° 49' 18.6"	W088° 24' 39.7"	TOWERCOM VI-B, LLC
35	1332001	N37° 00' 04.1"	W088° 18' 24.6"	TOWERCO V HOLDINGS III, LLC
36	1332344	N36° 51' 58.9"	W088° 20' 52.1"	HARMONI TOWERS, LLC
37	1333894	N36° 47' 49.5"	W088° 15' 17.7"	APC TOWERS IV, LLC
Proposed Tower				
	PENDING	N36° 48' 58.64"	W088° 21' 01.68"	TAG TOWERS III, LLC

NOTE:

EXISTING TOWER STRUCTURES DEPICTED ARE ALL KNOWN TOWER STRUCTURES REGISTERED WITH THE FEDERAL COMMUNICATIONS COMMISSION (FCC) ANTENNA STRUCTURE REGISTRATION (ASR) IN MARSHALL COUNTY, KENTUCKY AS OF JULY 15, 2026.

TAG TOWERS

CELLCO PARTNERSHIP, d/b/a verizon

MISSION 1 COMMUNICATIONS

CERTIFICATION

STATE OF KENTUCKY
WILLIAM R. HEIDEN III
No. 22430
LICENSED PROFESSIONAL ENGINEER

July 28, 2026

RELEASE		
REV	DATE	
	05-04-2026	LEASE EXHIBIT
	07-20-2026	ZONING DRAWINGS

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

SITE NAME:

KY-2014 EV BENTON SOUTH CELL SITE

SITE ADDRESS:

TOY YORK ROAD BENTON, KY 42025

SHEET TITLE:

MARSHALL COUNTY EXISTING STRUCTURE MAP

SHEET NO.:

Z-1

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2026-ASO-13279-OE

Issued Date: 08/26/2026

TAG TOWERS III LLC
DAVID GINTER
108 Forbes Court
Suite 1
Richmond, KY 40475

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Antenna Tower KY 2014 Benton South
County, State: Marshall, Kentucky

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	36-48-58.64N	88-21-01.68W	501 Ft	254 Ft	755 Ft

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

Emissions from this site must be in compliance with the parameters set by collaboration between the FAA and telecommunications companies and reflected in the FAA 5G C band compatibility evaluation process (such as power, frequencies, and tilt angle). Operational use of this frequency band is not objectionable provided the Wireless Providers (WP) obtain and adhere to the parameters established by the FAA 5G C band compatibility evaluation process. **Failure to comply with this condition will void this determination of no hazard.**

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 N, Obstruction Marking and Lighting, a med-dual system-Chapters 4,8(M-Dual),&15.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

This determination expires on 02/26/2028 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at 1-817-222-5915, or Rodney.H-CTR.Love@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2026-ASO-13279-OE.

Signature Control No: 713380138-720531980 (DNE)
Rodney Love
Technician

Attachment(s)

Additional Information
Frequency Data
Map(s)

cc: FCC

BASIS FOR DECISION:

Part 77 authorizes the FAA to evaluate a structure or object's potential electromagnetic effects on air navigation, communication facilities, and other surveillance systems. It also authorizes study of impact on arrival, departure, and en route procedures for aircraft operating under visual or instrument flight rules, as well as the impact on airport traffic capacity at existing public use airports. Broadcast in the 3.7 to 3.98 GHz frequency (5G C band) currently causes errors in certain aircraft radio altimeters and the FAA has determined they cannot be relied upon to perform their intended function when experiencing interference from wireless broadband operations in the 5G C band. The FAA has adopted Airworthiness Directives for all transport and commuter category aircraft equipped with radio altimeters that prohibit certain operations when in the presence of 5G C band.

This determination of no hazard is based upon those mitigations implemented by the FAA and operators of transport and commuter category aircraft, and helicopters operating in the vicinity of your proposed location. It is also based on telecommunication industry and FAA collaboration on acceptable power levels and other parameters as reflected in the FAA 5G C band evaluation process.

The FAA 5G C band compatibility evaluation is a data analytics system used by FAA to evaluate operational hazards related to aircraft design. The FAA 5G C band compatibility evaluation process refers to the process in which the telecommunication companies and the FAA have set parameters, such as power output, locations, frequencies, and tilt angles for antenna that mitigate the hazard to aviation. As the telecommunication companies and FAA refine the tools and methodology, the allowable frequencies and power levels may change in the FAA 5G C band compatibility evaluation process. Therefore, your proposal will not have a substantial adverse effect on the safe and efficient use of the navigable airspace by aircraft provided the equipment and emissions are in compliance with the parameters established through the FAA 5G C band compatibility evaluation process.

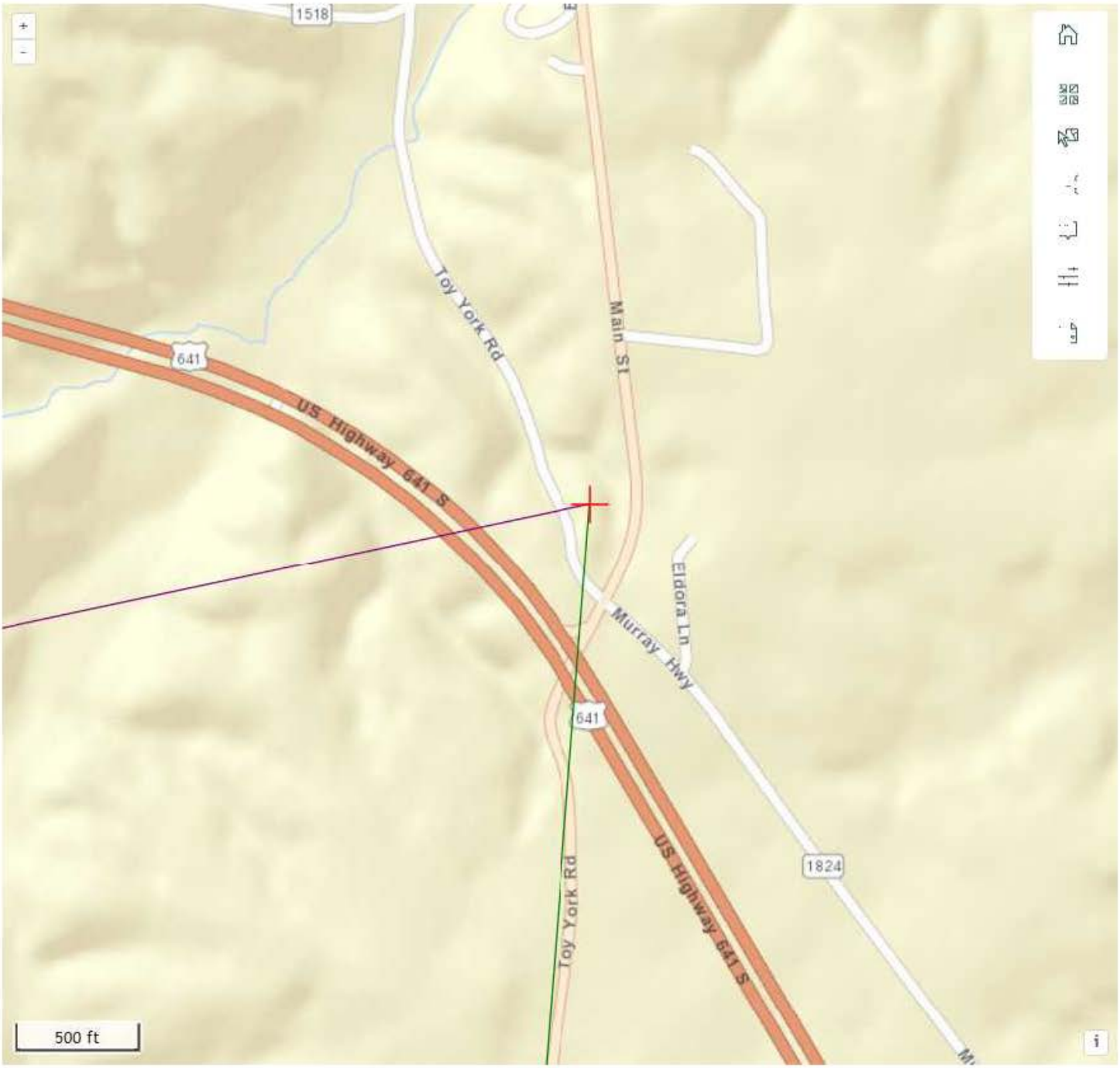
Any future changes that are not consistent with the parameters listed in the FAA 5G C band compatibility evaluation process will void this determination of no hazard.

The FAA recognizes emissions in the 3.7-3.98 GHz band at this location will result in Electromagnetic Interference (EMI) as described in Airworthiness Directives (AD) 2021-23-12 and 2021-23-13. NAS services including airport and helicopter operations within a radius of 42 NM will be impacted by 5G RF emissions. Operational use of this frequency band is not objectionable provided the Wireless Providers obtain and adhere to the parameters established by the FAA 5G C band compatibility evaluation process.

Frequency Data for ASN 2026-ASO-13279-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	42	dBW
6	7	GHz	55	dBW
10	11.7	GHz	42	dBW
10	11.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
21.2	23.6	GHz	42	dBW
21.2	23.6	GHz	55	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	824	MHz	500	W
806	901	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W
3700	3980	MHz	1640	W
3700	3981	MHz	3280	W

Verified Map for ASN 2026-ASO-13279-OE



KENTUCKY TRANSPORTATION CABINET

KENTUCKY AIRPORT ZONING COMMISSION

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

JURISDICTION

602 KAR 50:030

Section 1. The commission has zoning jurisdiction over that airspace over and around the public use and military airports within the Commonwealth which lies above the imaginary surface that extends outward and upward at one (1) of the following slopes:

(1) 100 to one (1) for a horizontal distance of 20,000 feet from the nearest point of the nearest runway of each public use airport and military airport with at least one (1) runway 3,200 feet or more in length; or

(2) fifty (50) to one (1) for a horizontal distance of 10,000 feet from the nearest point of the nearest runway of each public use and military airport with its longest runway less than 3,200 feet in length.

Section 2. The commission has zoning jurisdiction over the use of land and structures within public use airports within the state.

Section 3. The commission has jurisdiction from the ground upward within the limits of the primary and approach surfaces of each public use airport and military airport as depicted on airport zoning maps approved by the Kentucky Airport Zoning Commission.

Section 4. The Commission has jurisdiction over the airspace of the Commonwealth that exceeds 200 feet in height above the ground.

Section 5. The owner or person who has control over a structure which penetrates or will penetrate the airspace over which the Commission has Jurisdiction shall apply for a permit from the Commission in accordance with 602 KAR 50:090.

INSTRUCTIONS

1. "Alteration" means to increase or decrease the height of a structure or change the obstruction marking and lighting.
2. "Applicant" means the person who will own or have control over the completed structure.
3. "Certification by Applicant" shall be made by the individual who will own or control the completed structure; or a partner in a partnership; or the president or authorized officer of a corporation company, or association; or the authorized official of a body politic; or the legally designated representative of a trustee, receiver, or assignee.
4. Prepare the application and forward to the Kentucky Dept. of Aviation, ATTN: Airport Zoning Commission, 90 Airport Drive, Frankfort KY 40601. For questions, telephone 502-564-0151.
5. The statutes applicable to the Kentucky Airport Commission are KRS 183.861 to 183.990 and the administrative regulations are 602 KAR Chapter 50.
6. When applicable, attach the following appendices to the application:

Appendix A. For structures on or very near to property of a public use airport, a copy of the airport layout drawing (ALP) with the exact location of the structure which is the subject of this application indicated thereon. (*The ALP may be obtained from the Chairperson of the local airport board or the Kentucky Airport Zoning Commission.*)

Appendix B. Copies of Federal Aviation Administration Applications (*FFA Form 7460-1*) or any orders issued by the manager, Air Traffic Division, FAA regional office.

Appendix C. If the applicant has indicated in item number 7 of the application that the structure will not be marked or lighted in accordance with the regulations of the Commission, the applicant shall attach a written request for a determination by the commission that the marking and lighting are not necessary. The applicant shall specifically state the reasons that the absence of marking and lighting will not impair the safety of air navigation.

Appendix D. The overall height in feet of the overhead transmission line or static wire above ground level or mean water level with span length 1,000 feet and over shall be depicted on a blueprint profile map.

PENALTIES

1. Persons failing to comply with the Airport Zoning Commission statutes and regulations are liable for a fine or imprisonment as set forth in KRS 183.990(3).
2. Applicants are cautioned: Noncompliance with Federal Aviation Administration Regulations may provide for further penalties.

TEAM KENTUCKY TRANSPORTATION CABINET

KENTUCKY TRANSPORTATION CABINET

KENTUCKY AIRPORT ZONING COMMISSION

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

APPLICANT (*name*) TAG Towers III	**PHONE** 859.544.5000		**FAX**
ADDRESS (*street*) 108 Forbes Ct Ste 1	**CITY** Richmond	**STATE** KY	**ZIP** 40475
APPLICANT'S REPRESENTATIVE (*name*) David Ginter	**PHONE** 859.544.5000	**FAX**	
ADDRESS (*street*) 108 Forbes Ct Ste 1	**CITY** Richmond	**STATE** KY	**ZIP** 40475
APPLICATION FOR ☒ New Construction ☐ Alteration ☐ Existing **DURATION** ☐ Permanent ☐ Temporary (*months* *days*)		**WORK SCHEDULE** Start 12/1/26 End 2/1/27	
TYPE ☐ Crane ☐ Building ☒ Antenna Tower ☐ Power Line ☐ Water Tank ☐ Landfill ☐ Other	**MARKING/PAINTING/LIGHTING PREFERRED** ☐ Red Lights & Paint ☐ White- medium intensity ☒ Dual- red & medium intensity white ☐ Dual- red & high intensity white ☐ Other		
LATITUDE 36°48'58.64"	**LONGITUDE** 88°21'01.68"	**DATUM** ☒ NAD83 ☐ NAD27 ☐ Other	
NEAREST KENTUCKY City Benton	**NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT** Kyle - Oakley FLD (CEY)		
SITE ELEVATION (AMSL, *feet*) 501	**TOTAL STRUCTURE HEIGHT** (AGL, *feet*) 254	**CURRENT** (*FAA aeronautical study #*) 2026-ASO-13279-OE	
OVERALL HEIGHT (*site elevation plus total structure height, feet*) 755		**PREVIOUS** (*FAA aeronautical study #*)	
DISTANCE (*from nearest Kentucky public use or Military airport to structure*) 55620 ft			
DIRECTION (*from nearest Kentucky public use or Military airport to structure*) 7 degrees			
DESCRIPTION OF LOCATION (*Marked drawing, Google map, or any certified survey.*) 310' N of Toy York Rd and Main St.			
DESCRIPTION OF PROPOSAL 254' lattice telecommunications tower			
FAA Form 7460-1 (*Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?*) ☒ No ☐ Yes, when?			
CERTIFICATION (*I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.*) **PENALITIES** (*Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.*)			
NAME David Ginter	**TITLE** Manager	**SIGNATURE** David Ginter	**DATE** 8/4/26

GEOTECHNICAL REPORT OF SUBSURFACE INVESTIGATION

August 17, 2026

PROPOSED SELF SUPPORT TOWER
EV BENTON SOUTH
(KY-2014)

Toy York Road
Benton, KY 42025

36.81628812, -88.35046622

Prepared for:

TAG TOWERS

Prepared by:

ENGINEERED TOWER SOLUTIONS

STATE OF KENTUCKY
RAPHAEL MOHAMED
24429
LICENSED PROFESSIONAL ENGINEER

Raphael Mohamed

Tyler Schueller

Ty Schueller
Geotechnical Engineer I

Raphael Mohamed, P.E., P.Eng.
Registered KY-24429

Reviewed by: Jorge Varela, P.E.
Senior Geotechnical Engineer

Engineered Tower Solutions, PLLC - 3227 Wellington Court - Raleigh, NC 27615
(919) 782-2710

Project Summary

Item	Description
Project Description	A geotechnical exploration and report have been prepared for this Proposed Self Support Tower. Included in this report are the results of the field exploration and the recommendations for the design of the foundation system.
Site Coordinates	Latitude: 36.81628812, Longitude: -88.35046622
Site Condition	The proposed tower will be installed at Toy York Road, Benton, KY 42025 United States
Frost Depth	Based on the TIA Standard (TIA-222-H), dated October 2017, the recommended design frost penetration depth to be used for Marshall County, KY is 20-in (1.7 ft).
Groundwater	Groundwater was encountered at 18-ft below ground surface-ft at the time of drilling. Please note that subsurface water levels will fluctuate with seasonal and cyclical temperatures and precipitation and can be higher or lower at other times.
Proposed Foundation	We assume the proposed foundation will be supported with Either Pad and Pier or Drilled Shaft.

Field Exploration

Item	Description
Date	8/12/2026
Number of Borings	1
Location	Latitude: 36.81628812 Longitude: -88.35046622
Equipment Used	Geoprobe
Advancement Method	Hollow Stem Auger (HSA)
Sampling Method	ASTM D-1586 with 1.5 I.D. Split Spoon Sampler

Laboratory Classification and Testing

Standard	Description
ASTM D2488	Standard Practice for Description and Identification of Soils
ASTM G187	Standard Test Method for Measurement of Soil Resistivity Using the Two-Electrode Soil Box Method

Subsurface Profile

Based on the results of our borings, the soils beneath the surface can be summarized in the table below:

Material Encountered	Approximate Depth to Bottom of Stratum	Description	Consistency / Density
SAND	22	Brown and red clayey sand and clayey sand with rock fragments	Medium Dense to Very Dense
CLAY	32	Tan sandy fat clay	Very Soft
SILT	50	Gray and tan silt with sand and clay	Stiff to Very Stiff

Detailed descriptions of conditions encountered at each exploration point are indicated on the individual logs in the Appendix B. Stratification boundaries on the boring logs represent the approximate location of changes in soil types; in-situ, the transition between materials may be gradual.

Groundwater was encountered at 18-ft below ground surface-ft at the time of drilling. Groundwater levels will fluctuate with seasonal and climatic changes and may be different at other times.

Earthwork Recommendations – Equipment Mat

Earthwork is anticipated to include excavations and fill placement. The following sections provide recommendations for use in the preparation of the equipment mat foundation area and access drive.

Site Preparation

The subgrade should be evaluated under the direction of the Geotechnical Engineer. Areas where soft material are present or excessively wet or dry material should either be removed, or moisture conditioned and recompacted.

Fill Material Types

Soil Type	USCS Classification	Acceptable Parameters (for Structural Fill)
Imported Low- to Moderate- Plasticity Soil [2]	CL, ML, SC or SM	All locations and elevations
Sand / Gravel with greater than 12% fines	GW/GP, SW/SP	Crushed stone base course may be used for the access roadway or beneath shallow foundations as a replacement material for overexcavated soils.
Near-Surface On-site soils [2]	SC	On-site soils generally appear suitable for use as fill when they contain at least 12% fines (clay and/or silt) and are compacted at an appropriate moisture content.

1. Controlled, compacted fill should consist of approved materials that are free of organic matter and debris. A sample of each material type should be submitted to the geotechnical engineer for evaluation.
2. Low- to moderate-plasticity cohesive soil or granular soil having at least 12% fines

Fill Compaction Requirements

Item	Structural Fill	General Fill
Maximum Lift Thickness	8 inches or less in loose thickness when heavy, self-propelled compaction equipment is used	Same as Structural fill
Minimum Compaction Requirements [1, 2]	98% of max. below foundations and within 1 foot of finished pavement subgrade 95% of max. above foundations, below floor slabs, and more than 1 foot below finished pavement subgrade	92% of max.
Water Content Range [1]	Low plasticity cohesive: -2% to +3% of optimum High plasticity cohesive: 0 to +4% of optimum Granular: -3% to +3% of optimum	As required to achieve min. compaction requirements

1. Maximum density and optimum water content as determined by the standard Proctor test (ASTM D 698).
2. High plasticity cohesive fill should not be compacted to more than 100% of standard Proctor maximum dry density.

Excavations

Groundwater was encountered at 18-ft below ground surface-ft at the time of drilling. Although not expected, if encountered in deep trench excavations during construction, groundwater or perched groundwater will require dewatering until backfilling operations are complete.

All excavations that may be required should, at a minimum, comply with applicable local, state and federal safety regulations, including the current OSHA Excavation and Trench Safety Standards to provide stability and safe working conditions.

Slopes

For permanent slopes in unreinforced compacted fill areas, we recommend maximum configurations of 3:1 (Horizontal: Vertical) for the cohesive soils (clay) found at the site.

If steeper slopes are required for site development, stability analyses should be completed to design the grading plan. The face of all slopes should be compacted to the minimum specification for fill embankments. Fill slopes should be overbuilt and trimmed to compacted material.

Highly Plastic Soils

Highly plastic soils were encountered in the exploration. Highly plastic soils are prone to **shrink-swell behavior** with fluctuations in moisture content which can cause distress in pavements, slabs, and foundations. Two feet of vertical separation should be created between the existing highly plastic near surface soils and final design subgrades. This can be accomplished by over-excavation and replacement, raising site grades or a combination of both. Fill or backfill used to create the recommended separation should consist of imported low to moderate plasticity soil with at least 20% fines (silt and clay).

Earthwork Construction Considerations

The near-surface, on-site soils will lose strength when exposed to moisture. To the extent practical, earthwork should be performed during drier periods of weather. Increased remedial measures due to wet and soft or otherwise unsuitable conditions should be expected if earthwork is performed during colder and wetter periods of weather.

A qualified geotechnical engineer should be retained during the earthwork phase of the project to observe earthwork and to perform necessary tests and observations during subgrade preparation; to monitor proof-rolling, placement and compaction of controlled compacted fills, and backfilling of excavations to the completed subgrade.

Foundations Recommendations

The following recommendations are made based on our review of the test boring data and our past experience with similar projects and subsurface conditions. Ultimate soil strength parameters are presented on table below.

Ultimate Strength Parameters

Boring #	Depth (ft)	Unified Soil Classification	Total Unit Weight (pcf)	Friction Angle (degrees)	Cohesion (psf)
B-1	0.0 – 3.0	SC	120	30	--
	3.0 – 5.0	SC	120	30	--
	5.0 – 8.0	SC	120	30	--
	8.0 – 12.0	SC	125	32	--
	12.0 – 17.0	SC	125	32	--
	17.0 – 22.0	SC	125	32	--
	22.0 – 27.0	CH	100	--	75
	27.0 – 32.0	CH	100	--	100
	32.0 – 37.0	ML	115	--	800
	37.0 – 47.0	ML	115	--	933
	42.0 – 47.0	ML	115	--	933
	47.0 – 50.0	ML	120	--	1,267

1. Groundwater was encountered at 18-ft below ground surface-ft at the time of drilling. Utilize bouyon unit weight below this depth

Modulus of Subgrade Reaction

A vertical and horizontal modulus of subgrade reaction may be derived using the following equations and soils parameters expressed in the above table:

$$k_{s\text{-}v} = 12 \cdot SF \cdot q_a$$

$$k_{s\text{-}h} = k_{s\text{-}v} \cdot B$$

Where:

q_a = Allowable Bearing Capacity (ksf)
SF = Safety Factor
B = Base width (ft), use 1 if B< 1ft
k_{s-v} =Vertical Modulus of Subgrade Reaction (kcf)
k_{s-h} = Horizontal Modulus of Subgrade Reaction (ksf)

Caisson (Drilled Shaft)

Should caissons (drilled shafts) be used, the caissons (drilled shafts) will achieve compressive (downward) and tensile (uplift) resistance through skin friction along the sides of the shafts. In addition to skin friction, bearing resistance at the caisson's tip will contribute to compressive capacity. We recommend the values given the table below be used for this project. Please note the tip bearing capacity and skin frictions are net ultimate and ultimate values respectively. Appropriate factors of safety or resistance factors should be used. Lateral loads can be resisted by the lateral stiffness of the soil. Parameters for analysis of the laterally loaded caisson are also given the table below.

Caisson (Drilled Shaft) Parameters

Depth (ft)	Net Ultimate Tip Bearing Capacity (ksf)	Ultimate Skin Friction[1] (ksf)		Lateral Modulus (pci)	ε_{50} (in/in)
		Compressive	Uplift		
0.0 – 3.0	--	--	--	--	--
3.0 – 5.0	--	0.2	0.2	90	--
5.0 – 8.0	--	0.3	0.3	90	--
8.0 – 12.0	--	0.5	0.5	225	--
12.0 – 17.0	20	0.7	0.7	225	--
17.0 – 22.0	18	0.9	0.9	125	--
22.0 – 27.0	1	0.1	0.1	30	0.02
27.0 – 32.0	1	0.1	0.1	30	0.02
32.0 – 37.0	7	0.4	0.4	500	0.007
37.0 – 47.0	8	0.5	0.5	500	0.007
42.0 – 47.0	9	0.5	0.5	500	0.007
47.0 – 50.0	14	0.6	0.6	1,000	0.005

1. We recommend the skin friction be ignored for the top 3 ft of the caisson

Based on the subsurface soil conditions, excavations for the caissons (drilled shafts) should be possible using a large, truck-mounted, hydraulic-advanced drill rig. All debris, loose or disturbed soil should be removed from the excavation prior to placing reinforced steel and/or concrete. Reinforcing steel and/or concrete should be placed immediately upon completion of the excavation.

The excavations may be susceptible to caving. Drilling fluid or casing could be used to assist in keeping the drilled hole open. If casing is used, we recommend it be removed from the excavation as concrete is being placed. Continuous vibration or other approved methods should be used during casing withdrawal to reduce the potential for void-space formation within the concrete. If water is present during concrete placement and/or drilling fluids are used to maintain hole stability, concrete should be pumped or otherwise discharged to the bottom of the hole via a hose or tremie pipe. The end of the hose or tremie pipe must remain below the top surface of any water, drilling fluid and the in-place concrete at all times. Additionally, concrete should be consolidated using vibration methods over the entire length and width of the caissons and the consolidation should be performed only after these fluids are removed and to the extent possible.

Pad & Pier / Single Mat Foundation

If the site has been prepared in accordance with the requirements noted in *Earthwork Recommendations – Equipment Mat,* the tower's foundation capacity can be determined using the soil's bearing capacity, passive pressure resistance, and a sliding friction factor.

Net Ultimate Bearing Capacity and Sliding Friction Factor

Depth[2] (ft)	Net Ultimate Bearing Capacity[1] (psf)	Sliding Friction Factor[1]
0.0 – 2.0	--	--
2.0 – 8.0	8,000	0.35
8.0 – 12.0	10,500	

1. This value is a net ultimate value and an appropriate factor of safety or resistance factor should be used

Ultimate Passive Pressure and Friction Factor

Boring #	Depth (ft)	Ultimate Passive Pressure[1] (psf)[1]
B-1	0.0 – 2.0	0 – 600
	2.0 – 4.0	600 – 1,200
	4.0 – 8.0	1,200 – 2,400
	8.0 – 12.0	2,400 – 3,600
	12.0 – 20.0	3,600 – 6,000

1. Ultimate passive pressure can be interpolated for foundation depths with the depth ranges given

Seismic Parameters

The seismic design requirements for buildings and other structures are based on Seismic Design Category. Site Classification is required to determine the Seismic Design Category for a structure. The Site Classification is based on the upper 100 feet of the site profile defined by a weighted average value of either shear wave velocity, standard penetration resistance, or undrained shear strength in accordance with Section 20.4 of ASCE 7 and the International Building Code (IBC)

Seismic Site Classification

Item	Seismic Parameter
2024 International Building Code Seismic Site Classification	D[1]
Design Spectral Response Acceleration Parameters	S_{ds} = 0.75g S_{d1} = 0.42g

1. The IBC seismic site classification is based on the subsurface profile depth of 100 feet. The scope of work did not authorize exploration to a depth of 100 feet. A seismic Site Soil Classification of D should be used if insufficient details are known about the 100-foot soil profile.

Soil Resistivity

Laboratory soil resistivity test were conducted according to procedures designated in ASTM G187 and test results are presented in the following table. Soil resistivity values will vary with temperature and moisture content changes and may be different at other times.

Soil Resistivity Testing Results

Boring	Sample Depth (ft)	Resistivity (Ohm-cm)
B-1	3.0 – 5.0	12,000

LIMITATIONS OF REPORT

This report has been prepared in accordance with generally accepted geotechnical engineering practices for the specific application of this project. The conclusions in this report are based on the applicable standards of our practice in this geographic area at the time this report was prepared. No other warranty, expressed or implied, is made.

The analyses and conclusions submitted herein are based, in part, upon the data obtained from the subsurface exploration performed for this analysis. The soil and ground water conditions can vary across the site. Opinions and conclusions are subject to change if new or additional information is submitted for review.

ATTACHMENTS



Date: 8/17/2026	Drafted By:Matt Nesbit	**EV Benton South Site Plan**	
Project ID: 26148989	Reviewed by: Jorge Varela	384 Toy York Rd, Benton, KY 42025, USA	ENGINEERED TOWER SOLUTIONS

Engineered Tower Solutions

3227 Wellington Court, Raleigh NC 27615

Geotechnical Log - Borehole

B-1

Latitude	: 36.81629	Drill Rig	: Geoprobe	Job Number	: 26148989
Longitude	: -88.35047	Logged By	: Matt Nesbit	Client	: Tag Towers III LLC
Ground Elevation	: 505.87 (ft)	Sample Method	: Hollow-Stem Auger	Project	: EV Benton South
Total Depth	: 50 Ft BGL	Date	: 08/17/2026	Location	: 384 Toy York Rd, Benton, KY 42025, USA
				Groundwater Depth	: 18 ft

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS (N VALUE)
		CLAYEY SAND (SC), brown and red, dry, medium dense.	X	SS-1	5-9-7 N = 16
			X	SS-2	4-10-12 N = 22
			X	SS-3	6-11-10 N = 21
		CLAYEY SAND WITH ROCK FRAGMENTS (SC), brown and red, moist, dense to very dense.	X	SS-4	8-29-33 N = 62
10			X	SS-5	21-24-23 N = 47
▼			X	SS-6	12-19-27 N = 46
20		SANDY FAT CLAY (CH), tan, moist, very soft.	X	SS-7	0-0-1 N = 1
			X	SS-8	0-0-0 N = 0
30		SILT WITH CLAY AND SAND (ML), gray and tan, slightly moist, stiff to very stiff, with fine sand.	X	SS-9	4-4-8 N = 12
			X	SS-10	4-6-8 N = 14
40			X	SS-11	5-5-9 N = 14
			X	SS-12	6-9-10 N = 19

B-1 Terminated at 50 Ft



Date: 8/17/2026	Drafted By:Matt Nesbit	**EV Benton South Dri Rig Photo**	
Project ID: 26148989	Reviewed by: Jorge Varela	384 Toy York Rd, Benton, KY 42025, USA	ENGINEERED TOWER SOLUTIONS

KY2014 | EV BENTON SOUTH
DIRECTIONS FROM MARSHALL COUNTY FISCAL COURT

From the Marshall County Fiscal Court (1101 Main Street; Benton KY 25025), head toward East 12th Street and turn South onto State Highway 1518 / Main Street. Follow State Highway 1518 for +/-2.3 miles and turn right onto Church Grove Road. Follow to Toy York Road and the site will be on the left in +/- 0.2 miles.

Prepared by Joseph Csikos, AICP | Clark, Quinn, Moses, Scott & Grahn, LLP | 317-63-1321 x319

Prepared by and return to:
TAG TOWERS III
108 Forbes Court
Richmond, Kentucky 40475

MEMORANDUM OF OPTION AGREEMENT

THIS MEMORANDUM OF OPTION AGREEMENT (**"Memorandum"**), is made and entered into effective as of the latter signature date below (the **"Effective Date"**) by and between by and between TAG TOWERS III, a Delaware limited liability company ("Grantee") with its principal place of business 108 Forbes Court, Richmond, Kentucky 40475 and RB ENTERPRISES LLC, a Kentucky limited liability company (**"Grantor"**) with a mailing address of 487 Silver Trail, Gilbertsville, Kentucky 42044, and evidences that certain Option Agreement **("Agreement")** between Grantor and Grantee dated as of the Effective Date, which Agreement contains, among other things, the following terms:

1. Property. Grantor is the fee simple owner of that land and property located in the Commonwealth of Kentucky, County of Marshall commonly known as Tax Parcel Number 38-00-00-123 and legally described on the attached Exhibit A (the "**Property**").

2. Option. Pursuant to the Agreement, Grantor granted to Grantee an exclusive and irrevocable option (the "**Option**") to acquire an easement interest in and to the Property in the area set forth, depicted and identified as the Exclusive Easement Area on Exhibit B, together with the non-exclusive easement and right of way over, across, under and through the Property in the location set forth as the Access and Utility Easements both being approximately located as shown on Exhibit B on the terms and conditions more particularly set forth in the Agreement.

3. Term of Option. The Option has a term of two (2) years, commencing on the Effective Date and ending as of midnight on the date before the second anniversary of such date (the "**Option Period**"). Grantee shall have the right to extend the Option for one (1) additional term of two (2) years (the "**Extended Option Period**"). The Option will automatically be extended for the Extended Option Period unless Grantee provides Grantor written notice of its intent not to extend the Option. The Option may be exercised by Grantee at any time during the Option Period or Extended Option Period by providing written notice thereof to Grantor.

By this Memorandum, the parties intend to record a reference to the Agreement and to memorialize the terms of the Option and Grantee's interest in the Property, and do hereby ratify and confirm all of the terms and conditions of the Option. In the event of a conflict between this Memorandum and the Option, the Option shall control.

THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK
SIGNATURE PAGES FOLLOW

IN WITNESS WHEREOF, the parties hereto have executed this Memorandum as of the latter signature date below.

GRANTOR: RB ENTERPRISES LLC, a Kentucky limited liability company

By: _____
Name: Jesse Fielder, President

COMMONWEALTH OF KENTUCKY)
COUNTY OF MARSHALL)

Before me, the undersigned notary public, Kristin Raye Raleigh, duly commissioned and qualified, this day personally appeared in the State and County aforesaid the above named Jesse Fielder, President of RB ENTERPRISES LLC, Kentucky limited liability company, who declared that they knew the contents of the foregoing instrument, and acknowledged it to be his/her/their voluntary act and deed, in their name and in the capacity set forth above. Such person(s) is personally known to me or has provided Ky Drivers License as identification.

Witness my hand and official seal this 8th day of April, 2026.

Kristin Raye Raleigh
Official Signature of Notary
Notary's printed or typed name: Kristin Raye Raleigh
My Commission Number: KYNP24039

OFFICIAL SEAL

OFFICIAL SEAL
Kristin Raye Raleigh
Notary Public ID No. KYNP24039
State at Large, Kentucky
My Commission Expires April 14, 2029

GRANTEE: TAG TOWERS III, a Delaware limited liability company

By: David L Ginter

Name: David L. Ginter

Its: President

Date: 5/15/26

COMMONWEALTH OF KENTUCKY
COUNTY OF FAYETTE

I, Kristen Wilson a notary public in and for said county in said state, hereby certify that David L. Ginter, whose name as President of TAG TOWERS III LLC, a Delaware limited liability company, is signed to the foregoing instrument and who is known to me, acknowledged before me on this day that, being informed of the contents of such instrument, he, as such officer and with full authority, executed the same voluntarily for and as the act of said company.

Given under my hand and official seal this 15 day of May, 2026.

Official Signature of Notary

Notary's printed or typed name: Kristen Wilson

My Commission Number: KYNP 111444

OFFICIAL SEAL

KRISTEN LEIGH WILSON
NOTARY PUBLIC
Commonwealth of Kentucky
Commission # KYNP111444
My Commission Expires 03/25/2030

EXHIBIT A
PROPERTY

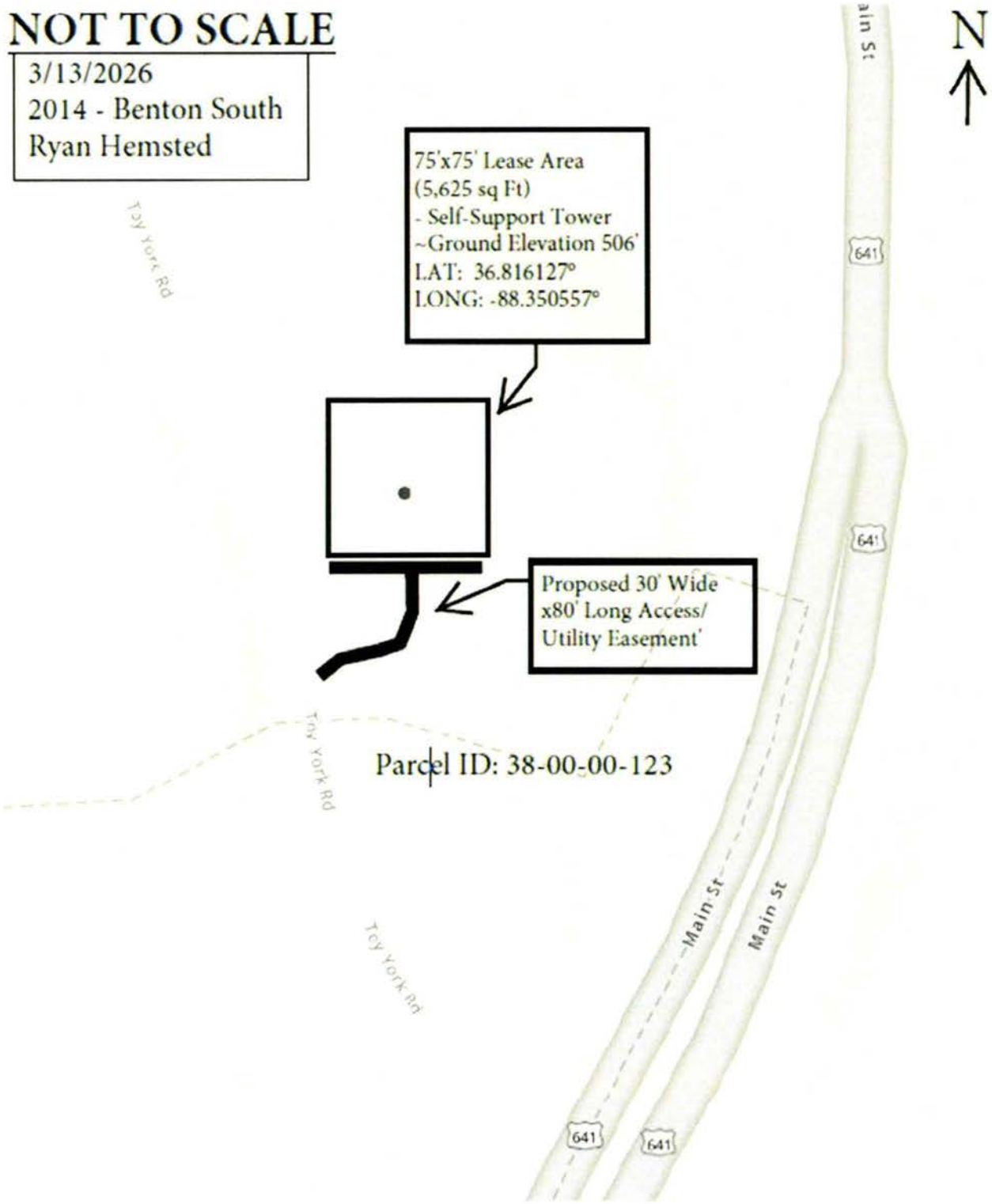
TRACT I:
Being 0.306 acres and being all the remaining of Deed Book 160, page 348 and being of record in the Marshall County Court Clerk's Office and more particularly described as follows:

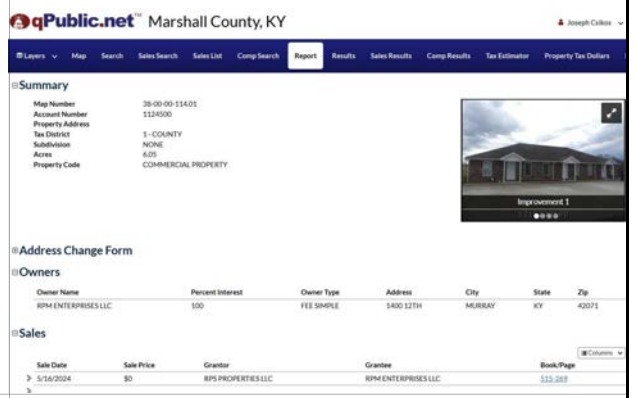
Beginning at an iron pin at the southeast corner of Deed Book 116, page 523, said iron pin being in the west right of way line of U.S. 641; thence South 5 degrees 11 minutes 08 seconds East, 31.28 feet to a point in the west right of way line of U.S. 641; thence South 29 degrees 39 minutes 41 seconds West, 108.51 feet to a point in the west right of way line of U.S. 641; thence North 67 degrees 14 minutes 14 seconds West, 99.91 feet to a point in the east right of way of the Toy York Road; thence along the east right of way of the Toy York Road to an iron pin located North 7 degrees 48 minutes 53 seconds West, 73.60 feet (chord distance), said iron pin also being the southwest corner of Deed Book 116, page 523; thence North 84 degrees 49 minutes 13 seconds East, 153.64 feet to the point of beginning and containing 0.306 acres.

Being the same property conveyed to Chester Uzzle and wife, Shirley Uzzle by deed dated April 21, 1995 of record in Deed Book 277, page 460, Marshall County Court Clerk's Office.

EXHIBIT B

EXCLUSIVE EASEMENT AREA and ACCESS AND UTILITY EASEMENTS



PID	Name	Address	City	State	Zip	Screenshot
38-00-00-123	RB Enterprises, LLC	487 Silver Trail	Gilbertsville	KY	42044	Subject Property
38-00-00-124	RB Enterprises, LLC	487 Silver Trail	Gilbertsville	KY	42044	
38-00-00-114.01	RPM Enterprises, LLC	1400 12th St	Murray	KY	42071	
38-00-00-126	Chad Riley, Manthus Riley		Benton	KY	42025	

38-00-00-125	Angela K Norwood	384 Toy York Rd	Benton	KY	42025	
38-00-00-122	Scott Adams	99 Classic Ln	Murray	KY	42071	
38-00-00-121	SCS Investments, LLC	97 Masters Cir	Benton	KY	42025	

38-00-00-120.00M00	SCS Investments, LLC	97 Masters Cir	Benton	KY	42025	
48-00-00-058.03	Pauline Oakley	1015 Old Mill Trace	Monroe	GA	30656	
48-00-00-057	Patsy Henson	174 Murray Hwy	Benton	KY	42025	

48-00-00-052	Billy W Mills, Debra J Mills	127 Murray Hwy	Benton	KY	42025	
48-00-00-053	David W Barnett	38 Eldora Ln	Benton	KY	42025	
48-00-00-054	Benton Church of Christ	3091 Main St	Benton	KY	42025	

ClarkQuinn

www.clarkquinnlaw.com

Russell L. Brown
Attorney at Law
rbrown@clarkquinnlaw.com

320 N. Meridian St., Ste. 1100
Indianapolis, IN 46204
(317) 637-1321 main
(317) 687-2344 fax

September 29, 2026

Notice of Proposed Construction of
Wireless Communications Facility
Site Name: Benton South

Cellco Partnership, d/b/a Verizon Wireless and TAG Towers propose to construct a wireless communications facility on a site located near the North corner of Toy York Road and Main Street / US-641; Benton KY 42025 (North Latitude: 36° 48' 58.64", West Longitude: 88° 21' 01.68"). The proposed facility will include a 250-foot-tall self-supporting lattice tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, PO Box 615, Frankfort Kentucky 40602. Please refer to docket number 2026-00282 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. Co-Applicant's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us at 317-637-1321 if you have any comments or questions about this proposal.

Sincerely,

Russell L. Brown
Attorney for Applicant

RLB/jmc
Enclosure

LOCATION MAP | KY2014 EV BENTON SOUTH
TOY YORK ROAD; BENTON KY 42025





ClarkQuinn
ırk, Quinn, Moses, Scott & Grahn, LLP

OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL®



9589 0710 5270 4682 3900 29

FIRST-CLASS



US POSTAGE (M) PITNEY BOWES

ZIP 46204
02 7H
0006035028

$ 010.980
SEP 29 2026

RB Enterprises, LLC
487 Silver Trail
Gilbertsville, KY, 42044

ClarkQuinn
ırk, Quinn, Moses, Scott & Grahn, LLP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
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US POSTAGE (M) PITNEY BOWES

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02 7H
0006035028

$ 010.980
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RPM Enterprises, LLC
1400 12th St
Murray, KY, 42071

ClarkQuinn
ırk, Quinn, Moses, Scott & Grahn, LLP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
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Angela K Norwood
384 Toy York Rd
Benton, KY, 42025

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ark, Quinn, Moses, Scott & Grahn, LLP

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0006035028
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SEP 29 2026

Scott Adams
99 Classic Ln
Murray, KY, 42071

ClarkQuinn
ark, Quinn, Moses, Scott & Grahn, LLP

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SCS Investments, LLC
97 Masters Cir
Benton, KY, 42025

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rk, Quinn, Moses, Scott & Grahn, LLP

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$ 010.980
SEP 29 2026

Pauline Oakley
1015 Old Mill Trace
Monroe, GA, 30656

ClarkQuinn
ark, Quinn, Moses, Scott & Grahn, LLP

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US POSTAGE PITNEY BOWES

ZIP 46204
02 7H
0006035028

$ 010.980
SEP 29 2026

Patsy Henson
174 Murray Hwy
Benton, KY, 42025

ClarkQuinn
ark, Quinn, Moses, Scott & Grahn, LLP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

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9589 0710 5270 4682 3900 98

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US POSTAGE PITNEY BOWES

ZIP 46204
02 7H
0006035028

$ 010.980
SEP 29 2026

Billy W Mills, Debra J Mills
127 Murray Hwy
Benton, KY, 42025

ClarkQuinn
ark, Quinn, Moses, Scott & Grahn, LLP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

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9589 0710 5270 4682 3901 04

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US POSTAGE PITNEY BOWES

ZIP 46204
02 7H
0006035028

$ 010.980
SEP 29 2026

David W Barnett
38 Eldora Ln
Benton, KY, 42025

ClarkQuinn
ırk, Quinn, Moses, Scott & Grahn, LLP

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US POSTAGE IMI PITNEY BOWES
ZIP 46204
02 7H
0006035028
$ 010.980
SEP 29 2026

Benton Church of Christ
3091 Main St
Benton, KY, 42025

ClarkQuinn
ırk, Quinn, Moses, Scott & Grahn, LLP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
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9589 0710 5270 4682 3901 11

FIRST-CLASS

US POSTAGE IMI PITNEY BOWES
ZIP 46204
02 7H
0006035028
$ 010.980
SEP 29 2026

Chad Riley, Manthus Riley
274 Toy York Rd
Benton, KY, 42025

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

RPM Enterprises, LLC
1400 12th St
Murray, KY, 42071

9590 9402 0122 6110 5813 15

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3900 36

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Nathan Gibson | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Mail Restricted Delivery
00)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

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SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Pauline Oakley
1015 Old Mill Trace
Monroe, GA, 30656

9590 9402 0122 6110 5812 78

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3900 74

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Pauline Oakley ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Pauline Oakley | C. Date of Delivery 10-5

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Mail Restricted Delivery
00)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

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SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Benton Church of Christ
3091 Main St
Benton, KY, 42025

9590 9402 0122 6110 5812 30

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3901 28

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Emerson Odom | C. Date of Delivery 10/28

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Mail Restricted Delivery
500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Billy W Mills, Debra J Mills
127 Murray Hwy
Benton, KY, 42025

9590 9402 0122 6110 5812 54

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3900 98

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Billy Mills ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery
Billy Mills | 11/6/26

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No
BILLY MILLS

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

David W Barnett
38 Eldora Ln
Benton, KY, 42025

9590 9402 0122 6110 5812 47

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3901 04

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X David Barnett ☐ Agent ☑ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery
DAVID BARNETT | 11/6/26

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Chad Riley, Manthus Riley
274 Toy York Rd
Benton, KY, 42025

9590 9402 0122 6110 5812 23

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3901 11

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Chad Riley ☐ Agent ☒ Addressee

B. Received by *(Printed Name)* Chad Riley
C. Date of Delivery 10-9

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery
00)

Domestic Return Receipt

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Scott Adams
99 Classic Ln
Murray, KY, 42071

9590 9402 0122 6110 5812 92

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3900 50

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Scott Adams ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Scott Adams
C. Date of Delivery 10/8/16

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

l Mail Restricted Delivery
500)

Domestic Return Receipt

USPS Tracking®

FAQs >

Remove ✕

Tracking Number:

9589071052704682390029

Copy Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 5:53 pm on October 5, 2026 in GILBERTSVILLE, KY 42044.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

GILBERTSVILLE, KY 42044
October 5, 2026 5:53 PM

Arrived at USPS Facility

EVANSVILLE IN DISTRIBUTION CENTER
October 3, 2026 2:01 PM

Arrived at USPS Facility

INDIANAPOLIS IN DISTRIBUTION CENTER
September 30, 2026 9:30 PM

Hide Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Remove

Tracking Number:

9589071052704682390043

Copy **Add to Informed Delivery**

Latest Update

Your item arrived at our USPS facility in LOUISVILLE KY DISTRIBUTION CENTER on October 27, 2026 at 10:40 am. The item is currently in transit to the destination.

Get More Out of USPS Tracking:

USPS Tracking Plus®

On the Way

Arrived at USPS Facility

LOUISVILLE KY DISTRIBUTION CENTER
October 27, 2026 10:40 AM

Unclaimed/Being Returned to Sender

BENTON, KY 42025
October 20, 2026 8:57 AM

Reminder to Schedule Redelivery of your item

October 10, 2026

Notice Left (No Authorized Recipient Available)

BENTON, KY 42025
October 5, 2026 1:44 PM

Arrived at USPS Facility

EVANSVILLE IN DISTRIBUTION CENTER

October 3, 2026 2:01 PM

Arrived at USPS Facility

INDIANAPOLIS IN DISTRIBUTION CENTER
September 30, 2026 9:30 PM

Hide Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Remove ×

Tracking Number:

9589071052704682390067

Copy **Add to Informed Delivery**

Latest Update

Your item arrived at our USPS facility in LOUISVILLE KY DISTRIBUTION CENTER on October 27, 2026 at 10:40 am. The item is currently in transit to the destination.

Get More Out of USPS Tracking:

USPS Tracking Plus®

On the Way

Arrived at USPS Facility
LOUISVILLE KY DISTRIBUTION CENTER
October 27, 2026 10:40 AM

Unclaimed/Being Returned to Sender
BENTON, KY 42025
October 20, 2026 8:57 AM

Reminder to Schedule Redelivery of your item
October 10, 2026

Notice Left (No Authorized Recipient Available)
BENTON, KY 42025
October 5, 2026 11:32 AM

Arrived at USPS Facility
EVANSVILLE IN DISTRIBUTION CENTER
October 3, 2026 2:01 PM

Arrived at USPS Facility
INDIANAPOLIS IN DISTRIBUTION CENTER
September 30, 2026 9:30 PM

Hide Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Remove ×

Tracking Number:

9589071052704682390081

Copy Add to Informed Delivery

Latest Update

Your item arrived at our USPS facility in LOUISVILLE KY DISTRIBUTION CENTER on October 27, 2026 at 10:40 am. The item is currently in transit to the destination.

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USPS Tracking Plus®

On the Way

Arrived at USPS Facility

LOUISVILLE KY DISTRIBUTION CENTER
October 27, 2026 10:40 AM

Unclaimed/Being Returned to Sender

BENTON, KY 42025
October 20, 2026 8:58 AM

Reminder to Schedule Redelivery of your item

October 10, 2026

Notice Left (No Authorized Recipient Available)

BENTON, KY 42025
October 5, 2026 9:48 AM

Arrived at USPS Facility

EVANSVILLE IN DISTRIBUTION CENTER
October 3, 2026 2:08 PM

Arrived at USPS Facility

INDIANAPOLIS IN DISTRIBUTION CENTER
September 30, 2026 11:37 PM

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What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

FAQs

ClarkQuinn

www.clarkquinnlaw.com

Russell L. Brown
Attorney at Law
rbrown@clarkquinnlaw.com

320 N. Meridian St., Ste. 1100
Indianapolis, IN 46204
(317) 637-1321 main
(317) 687-2344 fax

September 29, 2026

Via Certified Mail, Return Receipt Requested
9589 0710 5270 4682 3901 35

Hon. Kevin Spraggs
Marshall County Judge-Executive
1101 Main St
Benon KY 42025

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2026-00282
Site Name: Benton South

Dear Judge Spraggs:

Cellco Partnership, d/b/a Verizon Wireless and TAG Towers propose to construct a wireless communications facility on a site located near the North corner of Toy York Road and Main Street / US-641; Benton KY 42025 (North Latitude: 36° 48' 58.64", West Longitude: 88° 21' 01.68"). The proposed facility will include a 250-foot-tall self-supporting lattice tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

You have a right to submit comments to the PSC or request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00282 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. Verizon Wireless' radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to the wireless customers in the area. Please feel free to contact us with any comments or questions you may have.

Sincerely,

Russell L. Brown
Attorney for Applicant

RLB/jmc
Enclosure

LOCATION MAP | KY2014 EV BENTON SOUTH
TOY YORK ROAD; BENTON KY 42025





ClarkQuinn
ırk, Quinn, Moses, Scott & Grahn, LLP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

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US POSTAGE PITNEY BOWES

ZIP 46204
02 7H
0006035028

$ 010.980

SEP 29 2026

Hon. Kevin Spraggs
Marshall County Judge-Executive
1101 Main St
Benon KY 42025

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Hon. Kevin Spraggs
Marshall County Judge-Executive
1101 Main St
Benon KY 42025

9590 9402 0122 6110 5812 16

2. Article Number *(Transfer from service label)*
9589 0710 5270 4682 3901 35

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by *(Printed Name)*
Daniel

C. Date of Delivery
10/5/26

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Mail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SITE NAME: KY2014 EV BENTON SOUTH
NOTICE SIGNS

The signs are at least (2) feet by four (4) feet in size, of durable material, with the text printed in black letters at least one (1) inch in height against a white background, except for the word "tower," which is at least four (4) inches in height.

Cellco Partnership, d/b/a Verizon Wireless and TAG Towers proposes to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahn, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00282 in your correspondence.

Cellco Partnership, d/b/a Verizon Wireless and TAG Towers proposes to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahn, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00282 in your correspondence.

ClarkQuinn
Clark, Quinn, Moses, Scott & Grahn, LLP

Robert B. Scott
Charles R. Grahn
Frank D. Otte*
John "Bart" Herriman
William W. Gooden**
Russell L. Brown**†
Travis W. Cohron
Michael P. Maxwell
Keith L. Beall
John M. Mead
Jennifer F. Perry
Clark P. Kirkman
Kristin A. McKinney
Olivia A. Hess
Kelly M. Shaw
Laura Taylor

Land Use Consultants
Joseph M. Csikos, AICP

*Also admitted in Montana
†Also admitted in Kentucky
**Registered Civil Mediator

VIA EMAIL: editor@tribunecourier.com

Marshall County Tribune-Courier
86A Commerce Blvd
Benton KY 42025

RE: Legal Notice Advertisement
Site Name: Benton South

To Whom It May Concern,

Please publish the following legal notice advertisement in the next available edition of The Marshall County Tribune-Courier serving Marshall County, KY:

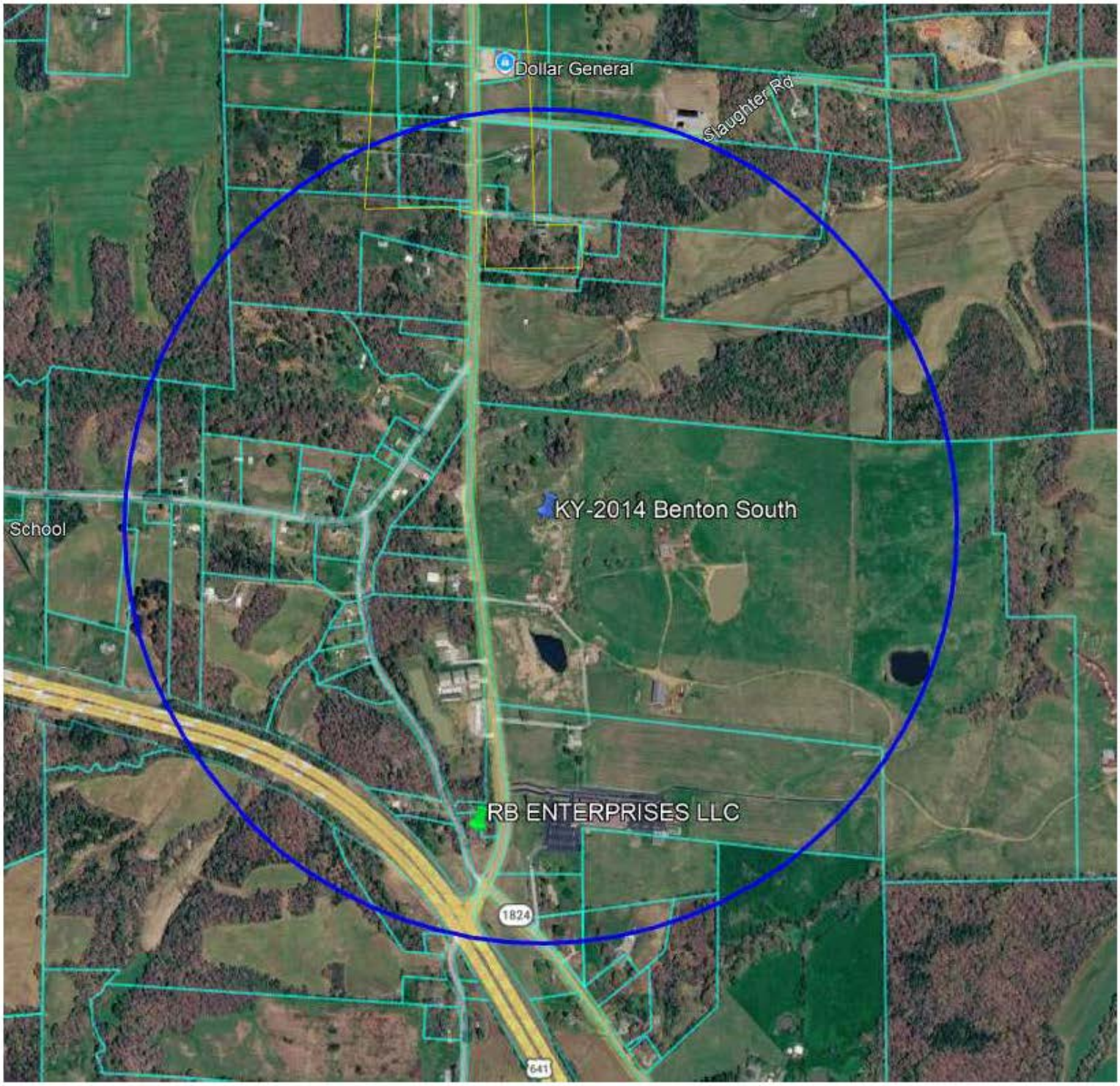
NOTICE

Cellco Partnership, d/b/a Verizon Wireless and TAG Towers propose to construct a wireless communications facility on a site located near the North corner of Toy York Road and Main Street / US-**641; Benton KY 42025 (North Latitude: 36º 48' 58.64", West Longitude: 88º 21' 01.68").** The proposed facility will include a 250-foot-tall self-supporting lattice tower, plus a 4-foot lightning arrestor and related ground facilities. Site name is Benton South. You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00282 in any correspondence sent in connection with this matter.

After this advertisement has been published, please forward a tearsheet copy, affidavit of publication, and invoice to Clark, Quinn, Moses, Scott & Grahn, LLC, 320 N. Meridian Street, Indianapolis, IN 46204 or by email to jcsikos@clarkquinnlaw.com. Please call me at 317-637-1321 extension 319 if you have any questions. Thank you for your assistance.

Sincerely,

Joseph M Csikos AICP


Dollar General
Slaughter Rd
KY-2014 Benton South
School
RB ENTERPRISES LLC
1824
641

verizon

April 27, 2026

Re: Radiofrequency Justification for Proposed Wireless Communications Facility for Cellco Partnership d/b/a Verizon Wireless ("Verizon")

Tower Developer and Owner: TAG Towers III LLC
Facility Site Name: EV Benton South
Type of Tower: Self Support (Lattice Tower)
Tower Height: 250 ft.
Location: Toy York Rd, Benton, KY 42025 (36.816128, -88.35046)

To Whom It May Concern:

As a radio frequency engineer for Verizon, I am providing this letter to state the need for a proposed Verizon wireless communications site called "EV Benton South".

The EV Benton South site is proposed in order to offload excess traffic from existing Verizon sites in this area that are operating at or near capacity. Currently Verizon customers are experiencing poor service south of Benton, KY and the immediately surrounding area ("Gap Area") because there is a high demand for wireless service and high-speed data there and Verizon's network cannot keep up with that demand. Simply put, Verizon's existing communications sites in and around the Gap Area are over capacity and therefore they cannot sufficiently handle the traffic. The new proposed tower is needed to offload this excess traffic so that Verizon can provide critical service improvements to its customers in the area, including first responders, residents, and businesses.

When Verizon identifies the need for a new site in an area, its design engineers establish search area criteria in order to effectively meet specific coverage objectives as well as offload existing Verizon cell sites that can no longer meet service demands. These criteria are used to identify a "Search Area" in which the new tower would need to be located to meet the coverage and capacity objectives. The proposed tower is also designed to provide a single solution that decreases the chances that a second tower will be needed in the immediate area in the near future. Each wireless communications site covers a limited area, depending on site configuration and the surrounding terrain. Cell sites are built in an interconnected network, which means each cell site must be located so that their respective coverage areas are contiguous. This provides uninterrupted service throughout the coverage area.

Verizon cares about the communities it serves and prefers to collocate on existing structures when feasible. Collocation typically involves lower construction costs, faster deployment, and environment protection. For these reasons, Verizon makes every effort to investigate the feasibility for using existing towers or other tall structures for collocation when designing a new site or system expansion. However, collocation on an existing tower or tall structure is not

always feasible due to location of existing cell sites. Cell sites are placed in a way so they provide smooth hand off to each other and are placed at some distance from each other to eliminate too much overlap. Too much overlap may result in a waste of resources or raise a system capacity overload concern.

Here, Verizon is currently collocated on several existing towers in the areas surrounding the Search Area. However, there are no existing structures within the Search Area on which Verizon could collocate to meet its coverage and capacity objectives in the Gap Area. For this reason, Verizon worked with TAG Towers III LLC to identify a site in the Search Area on which a new tower could be built that would meet the stated objectives. The proposed new tower, located at Toy York Rd, Benton, KY 42025, will be built near the center of the Search Area. Both the proposed location and height of the tower are designed to meet the stated objectives with a single tower. Specifically, the tower will have an overall tower height of 250' with Verizon's equipment installed at a centerline of 245'. This centerline is the minimum height necessary to allow Verizon to be able to adequately cover the Gap Area and to offload traffic from the nearby existing Verizon sites that are currently overloaded. If Verizon is limited to installing its equipment at a centerline that is lower than the proposed height, another tower would be needed in the vicinity in the near future in order to provide the additional coverage and capacity offload that is needed in the Gap Area.

If TAG Towers III LLC is unable to build the proposed site and therefore Verizon is unable to collocate its equipment on it at a centerline of 245', Verizon will be prohibited from serving its customers in the Gap Area.

This cell site has been designed, and shall be constructed and operated, in a manner that satisfies regulations and requirements of all applicable governmental agencies that have been charged with regulating tower specifications, operation, construction, and placement, including the FAA and FCC.

Sincerely,



Jimmy Polly
RF Engineer
Verizon Wireless

verizon

April 27th, 2026

RE: Zoning Plots

Site Name: EV Benton South

To Whom It May Concern:

This map is not a guarantee of coverage and may contain areas with no service. This map reflects a depiction of predicted and approximate wireless coverage of the network and is intended to provide a relative comparison of coverage. The depictions of coverage do not guarantee service availability as there are many factors that can influence coverage and service availability. These factors vary from location to location and change over time. The coverage areas may include locations with limited or no coverage. Even within a coverage area shown, there are many factors, including but not limited to, usage volumes, outages, customer's equipment, terrain, proximity to buildings, foliage, and weather that may impact service.

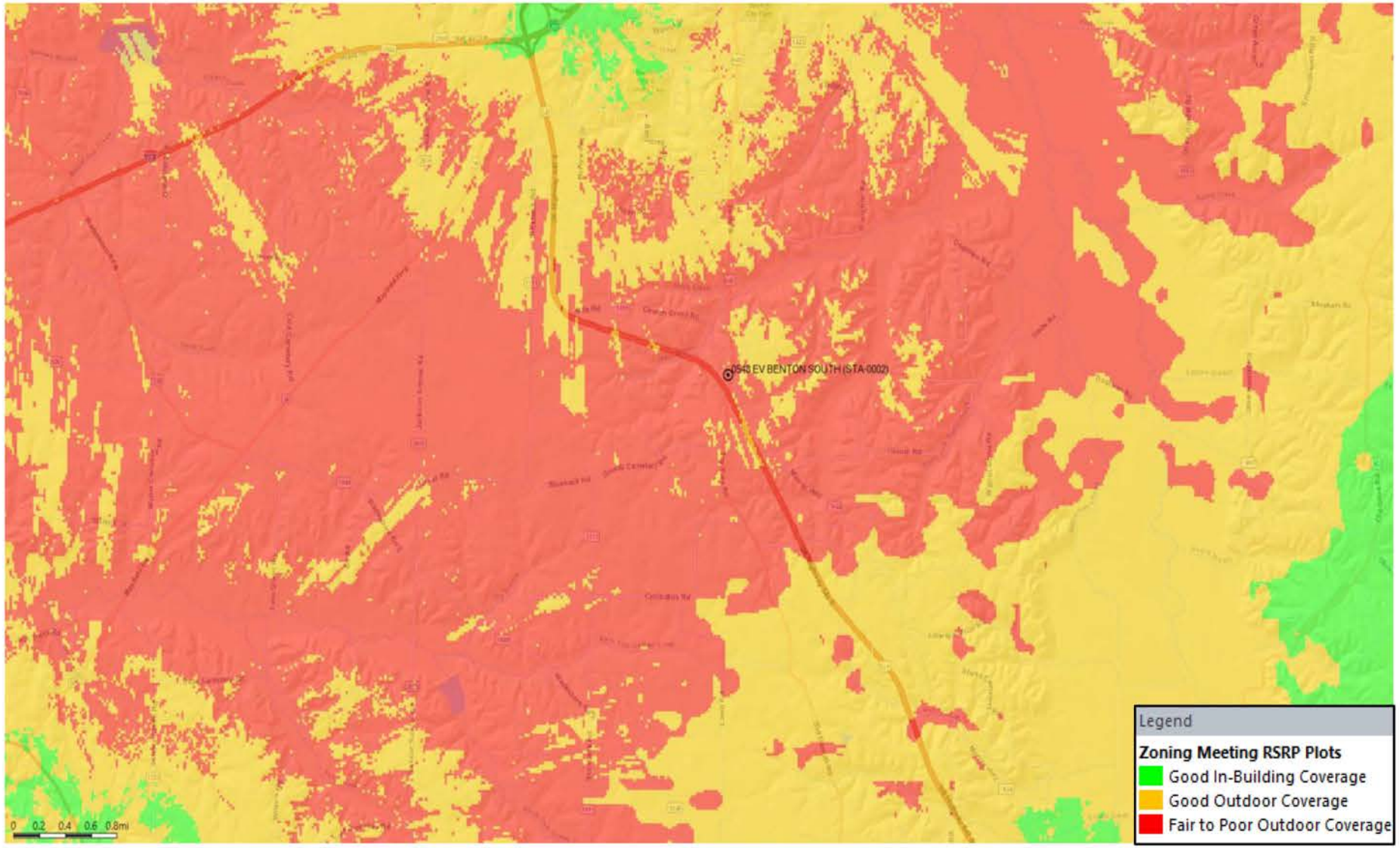
Sincerely,



Jimmy Polly
RF Engineer
Verizon Wireless

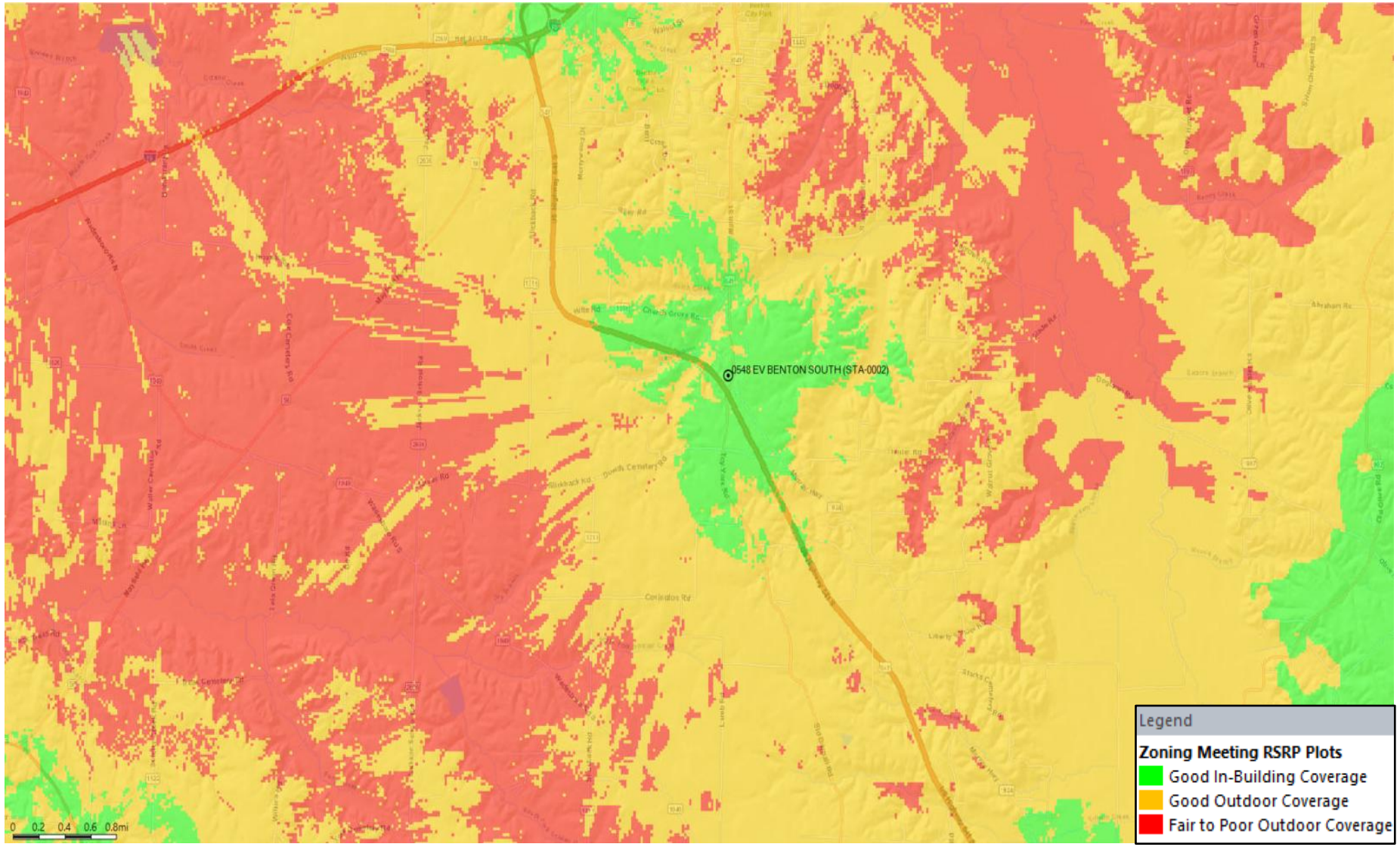
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Coverage – Without Proposed Site EV Benton South



verizon

Proposed Coverage – With Proposed Site EV Benton South



KY2014 CK BENTON SOUTH
Exhibit S
List of Qualified Professionals

William R Heiden III
Professional Engineer
Kentucky License 22430
Mission 1 Communications
592 West Perry Road
Ligonier IN 46767

Ralph M Wallen
Professional Land Surveyor
Kentucky License 2195
Benchmark Services, Inc.
318 North Main Street
Huntingburg IN 47542

Allen Schneider
Professional Engineer
Kentucky License 37506
Rohn Towers
1 Fairholm Avenue
Peoria IL 61603

Raphael Mohamed
Professional Engineer
Kentucky License 24429
Engineered Tower Solutions, PLLC
3227 Wellington Court
Raleigh NC 27615

Jimmy Polly
Radio Frequency Engineer
Verizon Wireless
2902 Ring Road
Elizabethtown KY 42701

Richie Pennington
Vice President
TAT Towers, LLC
108 Forbes Court, Suite 1
Richmond KY 40475

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

AFFIDAVIT OF CERTIFICATION
COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

I, Russell L. Brown, attorney for TAG Towers III, LLC and Cellco Partnership d/b/a Verizon Wireless hereby certify that as the person supervising the preparation of this application and all statements and information contained herein are true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry for all information within this application.

Russell L. Brown
Attorney, for Cellco Partnership, d/b/a Verizon Wireless
and TAG Towers III, LLC

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Subscribed and sworn to before me this 29th day of October, 2026.

Notary Public
Printed Name of Notary: Joseph M. Csikos
My Commission Expires: August 5, 2033
My County of Residence: Johnson
Commission No. NP0765036

