

**COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

THE APPLICATION OF	)	
THE TOWERS, LLC, D/B/A VERTICAL BRIDGE AND	)	
KENTUCKY RSA NO. 1 PARTNERSHIP BY CELLCO	)	
PARTNERSHIP D/B/A VERIZON WIRELESS	)	
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	)	CASE NO.: 2025-00111
CONVENIENCE AND NECESSITY TO CONSTRUCT	)	
A WIRELESS COMMUNICATIONS FACILITY	)	
IN THE COMMONWEALTH OF KENTUCKY	)	
IN THE COUNTY OF CARLISLE	)	

SITE NAME: BARDWELL NORTH

\* \* \* \* \*

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

The Towers, LLC d/b/a Vertical Bridge and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its managing partner (“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 Verizon Wireless with wireless communications services.

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

1. The complete name and address of the Applicants are: The Towers, LLC

d/b/a Vertical Bridge, a Delaware limited liability company having an address of 750 Park of Commerce Drive, Suite 200, Boca Raton, FL 33487 and Kentucky RSA No. 1 Partnership by Celco Partnership d/b/a Verizon Wireless, its managing partner, having an address of 2421 Holloway Road, Louisville, Kentucky 40299.

2. 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 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.

3. The Towers, LLC d/b/a Vertical Bridge is a limited liability company organized in the State of Delaware. The Towers, LLC Certificate of Good Standing issued by the State of Delaware is attached as part of **Exhibit A** and hereby incorporated by reference. The Towers, LLC is in good standing in the state in which it is organized and further states that it is authorized to transact business in Kentucky, and a copy of the Certificate of Authorization issued by the Kentucky Secretary of State is attached as part of **Exhibit A** and is hereby incorporated by reference.

4. Kentucky RSA No. 1 Partnership by Celco Partnership d/b/a Verizon Wireless, its Managing Partner, ("Verizon Wireless") is a Delaware general partnership, and a copy of the Statement of Good Standing from Delaware and Certificate of Assumed Name on file with the Kentucky Secretary of State are included as part of **Exhibit A**. Verizon Wireless is in good standing in the state in which they are organized and further state that they are authorized to transact business in Kentucky.

5. Verizon Wireless operates on frequencies licensed by the Federal Communications Commission (“FCC”) pursuant to applicable FCC requirements. A copy of Verizon Wireless’ FCC applications and licenses to provide wireless services are attached to this Application or described as part of **Exhibit A**, and the facility will be constructed and operated in accordance with applicable FCC regulations.

6. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve Verizon Wireless’ services to an area currently not served or not adequately served by Verizon Wireless by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless communications services. The WCF will provide a necessary link in Verizon Wireless’ communications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications service area. The WCF is an integral link in Verizon Wireless’ network design that must be in place to provide adequate coverage to the service area.

7. To address the above-described service needs, Applicants propose to construct a WCF in a lease area located on County Road 1302 (Webb School Road), Bardwell, KY 42023 (36° 53’ 03.403623” North latitude, 89° 00’ 20.457381” West longitude) 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 Michael Edward Mantle and Jaqueline Ann Mantle pursuant to a deed recorded at Deed Book 118, Page 496 in the office of the County Clerk. The proposed WCF will consist of a 250-foot tall self-support tower, with an approximately 10-foot tall lightning arrestor attached at the top, for a

total height of 260-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of radio electronics equipment and appurtenant equipment. The 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 B** and **Exhibit C**.

8. A list of utilities, corporations, or persons with whom the proposed WCF is likely to compete is attached as **Exhibit D**.

9. 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 Verizon Wireless has also been included as part of **Exhibit B**.

10. 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 C**.

11. Applicants have considered the likely effects of the installation of the proposed WCF on nearby land uses and values and have 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 Verizon Wireless' antennas on an existing structure. When suitable towers or structures exist, Verizon Wireless attempt to co-locate on existing structures such as communications towers or other structures capable of supporting carrier's facilities; however, no other suitable or



available co-location site was found to be located in the vicinity of the site.

12. A Determination of No Hazard to Air Navigation issued by the Federal Aviation Administration ("FAA") for the proposed tower is attached as **Exhibit E**.

13. Approval documentation issued by the Kentucky Airport Zoning Commission ("KAZC") for the proposed construction is attached as **Exhibit F**.

14. A geotechnical engineering firm has performed soil boring(s) and subsequent geotechnical engineering studies at the WCF site. A copy of the geotechnical engineering report, signed and sealed by a professional engineer registered in the Commonwealth of Kentucky, is attached as **Exhibit G**. The name and address of the geotechnical engineering firm and the professional engineer registered in the Commonwealth of Kentucky who supervised the examination of this WCF site are included as part of this exhibit.

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

16. The Towers, LLC, 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 I**.

17. 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 C** 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.

18. The Construction Manager for the proposed facility is Adam Johnson and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibits B & C**.

19. As noted on the Survey attached as part of **Exhibit B**, the surveyor has determined that the site is not within any flood hazard area.

20. **Exhibit B** 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 (according to the records maintained by the County Property Valuation Administrator). 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 is illustrated in **Exhibit B**.

21. Applicants have sent notice to every person who, according to the records of the County Property Valuation Administrator (“PVA”), 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 has been informed of his or her right to request intervention. A list of the notified property owners and a copy of the form of the notice sent by certified mail to each landowner are attached as **Exhibit J** and **Exhibit K**, respectively.

22. Copies of the Carlisle County PVA records obtained on April 7, 2025 (and re-verified on May 7, 2025) and used to generate the notice list are attached as part of **Exhibit**

**J.**

23. Fifteen notice letters were sent to the landowners on the notice list at the mailing addresses shown on the County's PVA records. Copies of the "Certified Mail Receipts" confirming the dates on which the letters were sent are attached as part of **Exhibit J**.

24. Eleven signed United States Postal Service Form 3811 "green cards" have been returned. Copies of the returned "green cards" are attached as a part of **Exhibit J**. Two notice letters have been returned. One is marked "Return to Sender / Insufficient Address / Unable to Forward." One is marked "Return to Sender / Unclaimed / Unable to Forward." Copies of the returned letters are attached as part of **Exhibit J**. Two notice letters have been "delivered, individual picked up at postal facility" according to the United States Postal Service (USPS) tracking data, which is attached as part of **Exhibit J**. There are no unaccountable notices.

25. 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 is attached as **Exhibit L**. A copy of the "Certified Mail Receipt" and a copy of the USPS Form 3811 "green card" for this mailing are also attached as a part of **Exhibit L**.

26. 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 M**. 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 tear sheet from the newspaper that includes the notice advertisement and an affidavit from the publisher certifying that the notice advertisement was published are attached as part of **Exhibit M**.

27. The general area where the proposed facility is just north of the city of Bardwell. The parcels to the north, east and west are predominantly rural agricultural land with sparse residences and agricultural uses spread throughout. The city of Bardwell is located south of the site. The parcel on which the proposed facility is located is currently used for agriculture with agricultural structures on the eastern portion of the site, more than 1,000' from the proposed tower location.

28. The process that was used by Verizon Wireless' 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. Verizon Wireless' 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 Applicants when searching for sites

for its antennas that would provide the coverage deemed necessary by Verizon Wireless' Radio Frequency Engineers. 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 N**.

29. The tower must be located at the proposed location and proposed height to provide necessary service to wireless communications users in the subject area.

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

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

David A. Pike and  
F. Keith Brown  
Pike Legal Group, PLLC  
1578 Highway 44 East, Suite 6  
P. O. Box 369  
Shepherdsville, KY 40165-0369  
Telephone: (502) 955-4400  
Telefax: (502) 543-4410  
Email: dpike@pikelegal.com  
kbrown@pikelegal.com

**WHEREFORE**, 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,



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David A. Pike  
And



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F. Keith Brown

Pike Legal Group, PLLC  
1578 Highway 44 East, Suite 6  
P. O. Box 369  
Shepherdsville, KY 40165-0369  
Telephone: (502) 955-4400  
Telefax: (502) 543-4410  
Email: dpike@pikelegal.com  
Email: kbrown@pikelegal.com  
Attorneys for Applicants

## **LIST OF EXHIBITS**

- A - Business Documentation & FCC Documentation
- B - Site Development Plan:
  - 500' Vicinity Map
  - Legal Descriptions
  - Flood Plain Certification
  - Site Plan
  - Vertical Tower Profile
- C - Tower and Foundation Design
  - Construction Manager Letter
  - List of Qualified Professionals
  - Tower and Foundation Drawings
- D - Competing Utilities, Corporations, or Persons List
- E - FAA – Determination of No Hazard to Air Navigation
- F - Kentucky Airport Zoning Commission – Approval Documentation
- G - Geotechnical Report
- H - Directions to WCF Site
- I - Copy of Real Estate Agreement
- J - Notification Listing, PVA Records & Proof of Notice
- K - Copy of Property Owner Notification
- L - Copy of County Judge/Executive Notice & Proof of Notice
- M - Copy of Posted Notices and Newspaper Notice Advertisement
- N - Copy of Radio Frequency Design Search Area

**EXHIBIT A**

**BUSINESS DOCUMENTATION & FCC LICENSE  
DOCUMENTATION**



# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "THE 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 SIXTH DAY OF DECEMBER, A.D. 2024.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "THE TOWERS, LLC" WAS FORMED ON THE TWENTY-FOURTH DAY OF MARCH, A.D. 2023.

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



7370717 8300

SR# 20244414963

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

A handwritten signature of Jeffrey W. Bullock in black ink, written over a horizontal line. Below the line, the text "Jeffrey W. Bullock Secretary of State" is printed.

Jeffrey W. Bullock Secretary of State

Authentication: 205056961

Date: 12-06-24

**Commonwealth of Kentucky**  
**Michael G. Adams, Secretary of State**

Michael G. Adams  
Secretary of State  
P. O. Box 718  
Frankfort, KY 40602-0718  
(502) 564-3490  
<http://www.sos.ky.gov>

**Certificate of Authorization**

Authentication number: 307364

Visit <https://web.sos.ky.gov/fts/certvalidate.aspx> to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

**THE TOWERS, LLC**

, a limited liability company authorized under the laws of the state of Florida, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on February 22, 2024.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 18<sup>th</sup> day of March, 2024, in the 232<sup>nd</sup> year of the Commonwealth.



*Michael G. Adams*

Michael G. Adams  
Secretary of State  
Commonwealth of Kentucky  
307364/1343772



COMMONWEALTH OF KENTUCKY  
MICHAEL G. ADAMS, SECRETARY OF STATE

1343772.06

mmoore  
AOC

Michael G. Adams  
Kentucky Secretary of State  
Received and Filed:  
12/13/2024 1:54 PM  
Fee Receipt: \$20.00

Division of Business Filings  
Business Filings  
P.O. Box 718,  
Frankfort, KY 40602  
(502) 564-3490  
[sosfilings@ky.gov](mailto:sosfilings@ky.gov) to submit via email  
Filing Fee: \$15.00 (\$20.00 for LLC)

Articles of Correction

AOC

Pursuant to the provisions of KRS 14A-2.090, the undersigned applies correct articles and for that purpose, submits the following statement:

1. Name of the entity is: THE TOWERS, LLC  
Document to be corrected is: Certificate of Authority  
Date the document being corrected was originally filed: 2/22/2024

2. Please specify the inaccuracies or defects to be corrected:  
The domestic state in item 4 was incorrectly typed in as Florida.

3. The inaccuracy or defect stated above should be corrected as follows:  
The state or county under whose law the entity is organized is: Delaware

I declare under penalty of perjury under the laws of Kentucky that the forgoing is true and correct.

/s/ Allison Cannella  
Signature

Allison Cannella  
Printed Name

Authorized Person  
Title

12/12/2024  
Date

1343772.06

mmoore  
ADDMichael G. Adams  
Kentucky Secretary of State  
Received and Filed:  
2/22/2024 11:15 AM  
Fee Receipt: \$90.00COMMONWEALTH OF KENTUCKY  
MICHAEL G. ADAMS, SECRETARY OF STATEDivision of Business Filings  
P.O. Box 718  
Frankfort, KY 40602  
(502) 564-3490  
www.sos.ky.govCertificate 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:
- |                                              |                                                               |                                                                 |
|----------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|
| <input type="checkbox"/> profit corporation  | <input type="checkbox"/> nonprofit corporation                | <input type="checkbox"/> professional limited liability company |
| <input type="checkbox"/> business trust      | <input checked="" type="checkbox"/> limited liability company | <input type="checkbox"/> statutory trust                        |
| <input type="checkbox"/> limited partnership | <input type="checkbox"/> ltd cooperative association          | <input type="checkbox"/> public benefit corporation             |
| <input type="checkbox"/> non-profit llc      | <input type="checkbox"/> professional service corporation     | <input type="checkbox"/> other                                  |

2. The name of the entity is THE 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 FLORIDA

5. The date of organization is 03/24/2023 and the period of duration is \_\_\_\_\_  
(If left blank, duration is considered perpetual.)

6. The mailing address of the entity's principal office is  
750 PARK OF COMMERCE DR, STE 200 BOCA RATON FL 33487  
Street Address City State Zip Code

7. The street address of the entity's registered office in Kentucky is  
828 Lane Allen Road Suite 219 Lexington KY 40504  
Street Address (No P.O. Box Numbers) City State Zip Code

and the name of the registered agent at that office is Cogency Global Inc.

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

<u>Ron Bizick</u>	<u>750 Park of Commerce Dr Ste 2</u>	<u>Boca Raton</u>	<u>FL</u>	<u>33487</u>
Name	Street or P.O. Box	City	State	Zip Code
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
Name	Street or P.O. Box	City	State	Zip Code
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
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.

Ron Bizick, CEO 02/05/2024  
Signature of Authorized Representative Printed Name & Title Date

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

Joelle Churik Joelle Churik Asst. Secretary 02/06/2024  
Signature of Registered Agent Printed Name Title Date

# Delaware

The First State

Page 1

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

SR# 20231665976

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

A handwritten signature of Jeffrey W. Bullock in black ink, written over a horizontal line.

Jeffrey W. Bullock Secretary of State

Authentication: 203227418

Date: 04-27-23



**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.



*Michael G. Adams*

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

COMMONWEALTH OF KENTUCKY  
TREY GRAYSON  
SECRETARY OF STATE



0641227.07

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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)

- |                                                                              |                                                                             |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <input type="checkbox"/> a Domestic General Partnership                      | <input checked="" type="checkbox"/> a Foreign General Partnership           |
| <input type="checkbox"/> a Domestic Registered Limited Liability Partnership | <input type="checkbox"/> a Foreign Registered Limited Liability Partnership |
| <input type="checkbox"/> a Domestic Limited Partnership                      | <input type="checkbox"/> a Foreign Limited Partnership                      |
| <input type="checkbox"/> a Domestic Business Trust                           | <input type="checkbox"/> a Foreign Business Trust                           |
| <input type="checkbox"/> a Domestic Corporation                              | <input type="checkbox"/> a Foreign Corporation                              |
| <input type="checkbox"/> a Domestic Limited Liability Company                | <input type="checkbox"/> a Foreign Limited Liability Company                |
| <input type="checkbox"/> a Joint Venture                                     |                                                                             |

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. Schepker  
Jane A. Schepker-Assistant Secretary

Date of signature and file  
June 15, 2006

### **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.

<b>General Partners of Cellco Partnership</b>	<b>Address</b>
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, 7 <sup>th</sup> Floor Walnut Creek, CA 94597
JV PartnerCo, LLC	2999 Oak Road, 7 <sup>th</sup> Floor Walnut Creek, CA 94597



**Commonwealth of Kentucky**  
**Alison Lundergan Grimes, Secretary of State**

0641227.07

Alison Lundergan Grimes  
KY Secretary of State  
Received and Filed

5/31/2016 1:54:34 PM

Fee receipt: \$20.00

Alison Lundergan Grimes  
Secretary of State  
P. O. Box 718  
Frankfort, KY 40602-0718  
(502) 564-3490  
<http://www.sos.ky.gov>

**Renewal Certificate of  
Assumed Name**

**REN**

This certifies that the assumed name of

**VERIZON WIRELESS**

is hereby renewed by the general partnership listed above, organized and existing in the state of Delaware.

**Signatures**

**Signature**

**Title**

**Date**

Karen M. Shipman

Assistatn Secretary

5/31/2016 1:54:34 PM

**REFERENCE COPY**

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: KENTUCKY RSA NO. 1 PARTNERSHIP

ATTN: LICENSING MANAGER  
KENTUCKY RSA NO. 1 PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> KNKQ306	<b>File Number</b> 0009611390
<b>Radio Service</b> CL - Cellular	
<b>Market Numer</b> CMA443	<b>Channel Block</b> B
<b>Sub-Market Designator</b> 0	

**FCC Registration Number (FRN):** 0001836709

<b>Market Name</b> Kentucky 1 - Fulton				
<b>Grant Date</b> 08-31-2021	<b>Effective Date</b> 08-31-2021	<b>Expiration Date</b> 10-01-2031	<b>Five Yr Build-Out Date</b>	<b>Print Date</b> 08-31-2021

**Site Information:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
1	36-20-59.2 N	089-22-12.3 W	98.0		

**Address:** 0.68 MILE SOUTH OF LASSITER CORNER & REEL FOOT LAKE  
**City:** LASSITER CORNER **County:** LAKE **State:** TN **Construction Deadline:**

**Antenna: 1**

**Maximum Transmitting ERP in Watts:** 135.800

Azimuth(from true north)	0	45	90	135	180	225	270	315
<b>Antenna Height AAT (meters)</b>	148.000	117.000	107.000	117.000	121.000	147.000	149.000	146.000
<b>Transmitting ERP (watts)</b>	133.300	103.500	36.500	4.500	1.500	3.900	38.800	109.600

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
2	36-45-58.0 N	088-38-50.0 W	143.0	147.8	1043917

Address: 416 Jintown Road

City: MAYFIELD County: GRAVES State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	124.300	120.000	100.800	92.100	88.300	103.100	108.600	100.800
Transmitting ERP (watts)	91.200	87.100	85.110	85.110	89.130	87.100	89.130	89.130

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	36-54-35.5 N	089-04-01.6 W	110.3	121.0	1030662

Address: (Wickliffe) 353 CR 1307

City: Bardwell County: CARLISLE State: KY Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	98.100	119.800	96.700	86.900	133.300	130.900	130.400
Transmitting ERP (watts)	189.230	48.640	1.690	0.930	0.930	0.930	1.810	52.120

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	98.100	119.800	96.700	86.900	133.300	130.900	130.400
Transmitting ERP (watts)	1.710	64.860	368.980	174.580	8.750	0.930	0.930	0.930

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.800	98.100	119.800	96.700	86.900	133.300	130.900	130.400
Transmitting ERP (watts)	0.350	0.350	1.230	35.330	112.440	35.270	1.000	0.350

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	36-31-12.4 N	088-50-41.5 W	144.2	122.2	1030665

Address: (Fulton) 550 Powell Road

City: Fulton County: HICKMAN State: KY Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	128.200	122.800	123.200	135.200	147.500	157.200	143.900	141.700
Transmitting ERP (watts)	110.570	412.100	98.560	4.220	1.510	0.920	0.920	6.530

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	128.200	122.800	123.200	135.200	147.500	157.200	143.900	141.700
Transmitting ERP (watts)	0.550	0.550	0.550	0.550	1.480	16.430	11.480	0.700

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	36-31-12.4 N	088-50-41.5 W	144.2	122.2	1030665

Address: (Fulton) 550 Powell Road

City: Fulton County: HICKMAN State: KY Construction Deadline:

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	128.200	122.800	123.200	135.200	147.500	157.200	143.900	141.700
Transmitting ERP (watts)	135.480	5.650	2.230	0.920	1.320	5.450	78.640	402.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	36-38-26.2 N	088-16-00.1 W	165.8	90.8	1030663

Address: (Murray) 1431 Van Cleave Road

City: Murray County: CALLOWAY State: KY Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	106.900	107.100	115.000	106.900	87.400	91.300	86.200	97.500
Transmitting ERP (watts)	124.240	6.420	0.560	0.560	0.560	0.830	39.630	251.940

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	106.900	107.100	115.000	106.900	87.400	91.300	86.200	97.500
Transmitting ERP (watts)	3.450	96.460	263.070	57.230	1.700	0.560	0.560	0.560

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	106.900	107.100	115.000	106.900	87.400	91.300	86.200	97.500
Transmitting ERP (watts)	0.370	0.370	0.370	12.730	121.110	104.340	9.310	0.370

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	37-03-51.4 N	088-57-23.6 W	116.4	92.4	1030664

Address: (La Center) 220 RICHARDSON LN

City: LA CENTER County: BALLARD State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.600	78.400	71.900	66.000	65.300	67.000	87.700	96.100
Transmitting ERP (watts)	2.110	71.430	167.460	63.670	0.330	0.640	0.330	0.330

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.600	78.400	71.900	66.000	65.300	67.000	87.700	96.100
Transmitting ERP (watts)	1.230	1.000	1.380	23.440	338.840	457.090	66.070	2.240

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	37-03-51.4 N	088-57-23.6 W	116.4	92.4	1030664

Address: (La Center) 220 RICHARDSON LN

City: LA CENTER County: BALLARD State: KY Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.600	78.400	71.900	66.000	65.300	67.000	87.700	96.100
Transmitting ERP (watts)	165.960	6.610	0.910	0.500	0.500	0.890	45.710	223.870

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
10	36-44-07.9 N	088-58-29.2 W	131.9	92.9	1030723

Address: 3975 State Route 2206

City: CLINTON County: HICKMAN State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	100.500	101.900	98.900	84.700	107.900	118.900	119.900	100.400
Transmitting ERP (watts)	96.610	96.610	96.610	96.610	96.610	96.610	96.610	96.610

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
11	37-02-00.0 N	088-22-10.0 W	105.5	106.7	1040303

Address: (Calvert City) 641 Jary Johnson Rd.

City: Calvert City County: MARSHALL State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.900	77.600	88.100	83.000	68.600	85.300	97.900	93.100
Transmitting ERP (watts)	23.380	330.300	378.360	36.130	0.970	0.970	0.970	0.970

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.900	77.600	88.100	83.000	68.600	85.300	97.900	93.100
Transmitting ERP (watts)	0.970	0.970	0.970	14.730	240.930	357.480	49.940	1.230

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.900	77.600	88.100	83.000	68.600	85.300	97.900	93.100
Transmitting ERP (watts)	63.740	2.060	0.660	0.660	0.660	4.020	107.530	274.970

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	36-34-49.2 N	088-31-45.2 W	155.5	91.4	1202399

Address: 12201 SR 97

City: TriCity County: GRAVES State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.100	73.400	74.100	70.100	102.600	100.900	74.700	81.300
Transmitting ERP (watts)	0.280	4.680	67.610	91.200	13.180	0.450	0.250	0.200

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.100	73.400	74.100	70.100	102.600	100.900	74.700	81.300
Transmitting ERP (watts)	0.360	0.200	0.200	0.350	18.200	89.130	66.070	2.630

**Antenna: 4**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.100	73.400	74.100	70.100	102.600	100.900	74.700	81.300
Transmitting ERP (watts)	100.000	38.020	0.200	0.380	0.200	0.200	1.260	42.660

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
14	37-05-47.2 N	088-42-35.2 W	104.2	63.4	1200593

Address: (Paducah West) 4415 Merredith Rd.

City: Paducah County: MCCracken State: KY Construction Deadline: 07-08-2014

**Antenna: 4**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	59.900	55.900	65.200	50.700	38.200	34.700	42.800	64.600
Transmitting ERP (watts)	24.580	50.820	50.310	19.100	0.840	0.330	0.330	1.370

**Antenna: 5**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	59.900	55.900	65.200	50.700	38.200	34.700	42.800	64.600
Transmitting ERP (watts)	0.440	0.440	12.210	76.570	112.800	57.980	5.460	0.440

**Antenna: 6**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	59.900	55.900	65.200	50.700	38.200	34.700	42.800	64.600
Transmitting ERP (watts)	20.830	0.780	0.440	0.440	2.790	42.940	108.040	89.900

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	36-46-54.2 N	088-03-28.1 W	199.0	126.5	1205551

Address: 14664 Canton Road

City: Golden Pond County: TRIGG State: KY Construction Deadline: 05-19-2006

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	165.000	178.000	160.400	174.500	170.600	167.000	177.000	183.900
Transmitting ERP (watts)	96.610	96.610	96.610	96.610	96.610	96.610	96.610	96.610

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	36-34-03.0 N	089-10-30.9 W	109.4	91.4	1282534

Address: (Hickman site) Holley Street

City: Hickman County: FULTON State: KY Construction Deadline: 05-28-2014

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.500	102.800	96.700	89.300	75.700	68.400	107.900	107.300
Transmitting ERP (watts)	141.700	118.910	1.140	0.580	0.580	0.580	0.580	4.050

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.500	102.800	96.700	89.300	75.700	68.400	107.900	107.300
Transmitting ERP (watts)	0.580	4.050	141.730	118.910	1.140	0.580	0.580	0.580

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.500	102.800	96.700	89.300	75.700	68.400	107.900	107.300
Transmitting ERP (watts)	0.460	0.460	0.460	0.460	0.460	7.710	45.610	24.600

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-10-55.4 N	088-56-43.7 W	102.7	99.1	1252613

Address: (Monkey's Eyebrow) 4625 Odgen Colvin Circle

City: Kevil County: BALLARD State: KY Construction Deadline: 10-24-2014

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.900	83.500	90.600	69.600	74.300	84.600	86.500	83.200
Transmitting ERP (watts)	7.080	125.890	478.630	112.200	4.570	1.580	1.000	1.000

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.900	83.500	90.600	69.600	74.300	84.600	86.500	83.200
Transmitting ERP (watts)	1.000	1.410	12.020	213.800	446.680	64.570	2.820	1.000

**Licensee Name:** KENTUCKY RSA NO. 1 PARTNERSHIP

**Call Sign:** KNKQ306

**File Number:** 0009611390

**Print Date:** 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-10-55.4 N	088-56-43.7 W	102.7	99.1	1252613

**Address:** (Monkey's Eyebrow) 4625 Odgen Colvin Circle

**City:** Kevil **County:** BALLARD **State:** KY **Construction Deadline:** 10-24-2014

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**Antenna: 4**

**Maximum Transmitting ERP in Watts:** 140.820

Azimuth (from true north)	0	45	90	135	180	225	270	315
<b>Antenna Height AAT (meters)</b>	85.900	83.500	90.600	69.600	74.300	84.600	86.500	83.200
<b>Transmitting ERP (watts)</b>	2.000	2.000	2.000	2.000	2.000	398.110	549.540	4.900

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**Control Points:**

**Control Pt. No. 3**

**Address:** 500 W. Dove Rd.

**City:** Southlake **County:** TARRANT **State:** TX **Telephone Number:** (800)264-6620

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**Waivers/Conditions:**

NONE





## Universal Licensing System

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ULS Application

### Cellular - 0009611390 - KENTUCKY RSA NO. 1 PARTNERSHIP

[? HELP](#)[New Search](#) [Refine Search](#) [Printable Page](#) [Reference Copy](#)**MAIN****ADMIN****TRANS LOG****SERVICE SPECIFIC**

File Number	0009611390	Radio Service	CL - Cellular
Call Sign	<a href="#">KNKQ306</a>	Application Status	G - Granted

#### General Information

Application Purpose	RO - Renewal Only		
Existing Radio Service			
Authorization Type	Regular	Emergency STA	
Receipt Date	07/06/2021	Action Date	08/31/2021
Entered Date	07/06/2021	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments	No	Grandfathered Privileges	No
Application Fee Exempt	No	Regulatory Fee Exempt	No
Major Request			
Use Question			

#### Market Data

Market	CMA443 - Kentucky 1 - Fulton	Channel Block	B <a href="#">(View Frequencies)</a>
Submarket Designator	0	Phase	2

#### Applicant Information

FRN	0001836709 <a href="#">(View Ownership Filing)</a>	Type	General Partnership
Name	KENTUCKY RSA NO. 1 PARTNERSHIP 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Licensing Manager		P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
Real Party in Interest		FRN of Real Party in Interest	

Name	Verizon Wireless Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Regulatory	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Race

Ethnicity

Sex

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level

required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in its initial license term with no interim performance requirement**

Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in any subsequent term**

Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.

**For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after 05/30/2020.**

Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent 10/01/2020.

**For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings**

Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.

## Discontinuance of Service Certification

Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.

## Regulatory Compliance Certification

Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.

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**FEDERAL COMMUNICATIONS COMMISSION**  
**Wireless Telecommunications Bureau**

**Spectrum Leasing Arrangement**

05/06/2025

ATTN: REGULATORY  
KENTUCKY RSA NO. 1 PARTNERSHIP  
1120 SANCTUARY PKWY #150 - GASA5REG  
ALPHARETTA, GA 30009

Reference Number:

This approval allows the Lessee to lease spectrum from the Licensee pursuant to the provisions and requirements of Subpart X of Part 1 of the Commission's Rules, 47 C.F.R. Part 1, and as described in the associated spectrum leasing application or notification.

<b>Type of Lease Arrangement</b>	<b>Lease Term</b>	<b>Lease Identifier</b>
Spectrum Manager Lease	Long Term	L000008155
<b>Lease Grant/Accepted Date</b>	<b>Lease Commencement Date</b>	<b>Lease Expiration Date</b>
03/17/2011	03/25/2011	06/13/2029
<b>Call Sign</b>	<b>Radio Service</b>	
WQJQ692	WU - 700 MHz Upper Band (Block C)	
<b>Lessee Information</b>		
0001836709		
KENTUCKY RSA NO. 1 PARTNERSHIP		
Attn: REGULATORY		
1120 SANCTUARY PKWY #150 - GASA5REG		
ALPHARETTA, GA 30009		
<b>Licensee Information</b>		
0003290673		
CELLCO PARTNERSHIP		
Attn: REGULATORY		
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING		
ALPHARETTA, GA 30022		

<b>Geographically-Licensed Services</b>		
Market Number	Market Name	Channel Block
REA004	Mississippi Valley	C

**Condition:**

This lease may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum associated with this leasing agreement, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <https://www.fcc.gov/wireless/universal-licensing-system> and select "License Search". Follow the instructions on how to search for license information.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



## Universal Licensing System

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ULS Application

### 0008616845 - Kentucky RSA No. 1 Partnership

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File Number	0008616845	Application Status	Q - Accepted
Application Purpose	LE - Extend Term of a Lease	Classification of Lease	Spectrum Manager

#### General Information

Application Purpose	LE - Extend Term of a Lease		
Receipt Date	04/25/2019		
Entered Date	04/25/2019	Action Date	01/16/2020
Waiver	No	Number of Rules	
Attachments	No		
Application Fee Exempt	No	Waiver/Deferral Fee	No

#### Licensee Information

FRN	0003290673 ( <a href="#">View Ownership Filing</a> )	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022		P:(770)797-1070 E:LicensingCompliance@verizonwireless.com
Race		Sex	
Ethnicity			

#### Licensee Contact Information

Name	Verizon Sarah Trosch 1300 I St NW - Suite 500 East Washington, DC 20005		P:(202)515-2453 E:sarah.trosch@verizon.com
------	----------------------------------------------------------------------------------	--	-----------------------------------------------

#### Lessee Information

FRN	0001836709 ( <a href="#">View Ownership</a> )	Type	General Partnership
-----	--------------------------------------------------	------	---------------------

Name	Kentucky RSA No. 1 Partnership ATTN Cellco Partnership 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022	P:(770)797-1070 E:LicensingCompliance@verizonwireless.com
------	------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------

Real Party In Interest	Cellco Partnership	FRN of Real Party in Interest	0003290673
Race		Sex	
Ethnicity			

#### Lessee Contact Information

Name	Verizon Sarah Trosch 1300 I Street, NW - Suite 500 East Washington, DC 20005	P:(202)515-2453 E:sarah.trosch@verizon.com
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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> KNLH404	<b>File Number</b>
<b>Radio Service</b> CW - PCS Broadband	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 04-24-2017	<b>Effective Date</b> 11-30-2017	<b>Expiration Date</b> 04-28-2027	<b>Print Date</b> 01-10-2018
<b>Market Number</b> BTA339	<b>Channel Block</b> D	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Paducah-Murray-Mayfield, KY			
<b>1st Build-out Date</b> 04-28-2002	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.



**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** KNLH404

**File Number:**

**Print Date:** 01-10-2018

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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ULS Application

### 0009135432 - Verizon Communications Inc.

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File Number 0009135432

Application Status Q - Accepted

#### General Information

Application Purpose TC - Transfer of Control

Receipt Date 07/21/2020

Entered Date 07/21/2020

Action Date 08/13/2020

Waiver No

Number of Rules

Attachments [Yes](#)

Application Fee Exempt No

Waiver/Deferral Fee No

#### Licensee Information

FRN 0003290673  
([View Ownership Filing](#))

Type General Partnership

Name Cellco Partnership  
ATTN Regulatory  
5055 North Point Pkwy, NP2NE  
Engineering  
Alpharetta, GA 30022P:(770)797-1070  
E:Licensing.Compliance@verizonwireless.com

Race Sex

Ethnicity

#### Licensee Contact Information

Name Verizon  
Sarah Trosch  
1300 I Street, NW - Suite 500  
East  
Washington, DC 20005P:(202)515-2453  
E:sarah.trosch@verizon.com

#### Transferor Information

FRN 0003257094  
([View Ownership Filing](#))

Type Corporation

Name Verizon Communications Inc.  
ATTN Sarah TroschP:(202)515-2453  
E:sarah.trosch@verizon.com

1300 I Street, NW - Suite 500  
East  
Washington, DC 20005

Race  
Ethnicity

Sex

#### Transferor Contact Information

Name	Wilkinson Barker Knauer, LLP ATTN Jennifer L. Kostyu 1800 M. St., NW, Suite 800N Washington, DC 20036	P:(202)783-4141 F:(202)783-5851 E:jkostyu@wbklaw.com
------	----------------------------------------------------------------------------------------------------------------	------------------------------------------------------------

#### Transferee Information

FRN	0003257094 ( <a href="#">View Ownership</a> )	Type	Corporation
Name	Verizon Communications Inc. ATTN Sarah Trosch 1300 I Street, NW - Suite 500 East Washington, DC 20005		P:(202)515-2453 E:sarah.trosch@verizon.com
Real Party In Interest	Cellco Partnership	FRN of Real Party in Interest	0003290673
Race		Sex	
Ethnicity			

#### Transferee Contact Information

Name	Wilkinson Barker Knauer, LLP ATTN Jennifer L. Kostyu 1800 M. St., NW, Suite 800N Washington, DC 20036	P:(202)783-4141 F:(202)783-5851 E:jkostyu@wbklaw.com
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#### Transferee Qualifications and Ownership Information

##### Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

##### Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGA718	<b>File Number</b> 0009793647
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 02-22-2022	<b>Effective Date</b> 02-22-2022	<b>Expiration Date</b> 11-29-2036	<b>Print Date</b> 02-23-2022
<b>Market Number</b> REA004	<b>Channel Block</b> F		<b>Sub-Market Designator</b> 15
<b>Market Name</b> Mississippi Valley			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGA718

**File Number:** 0009793647

**Print Date:** 02-23-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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ULS Application

### 001116303 - Trace-Tek

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File Number	001116303	Application Status	G - Granted
Application Purpose	LN - New Lease	Classification of Lease	De Facto Transfer

#### General Information

Application Purpose	LN - New Lease		
Receipt Date	06/13/2024		
Entered Date	06/13/2024	Action Date	10/01/2024
Waiver	No	Number of Rules	
Attachments	<a href="#">Yes</a>		
Application Fee Exempt	No	Waiver/Deferral Fee	No

#### Licensee Information

FRN	0003290673 <a href="#">(View Ownership Filing)</a>	Type	General Partnership
Name	Cellco Partnership ATTN Network Engineering 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Sex	
Ethnicity			

#### Licensee Contact Information

Name	Verizon Sarah Trosch 1300 I St, NW- Suite 500 East Washington, DC 20005	P:(202)515-2453 E:sarah.trosch@verizon.com
------	----------------------------------------------------------------------------------	-----------------------------------------------

#### Lessee Information

FRN	0030856223 <a href="#">(View Ownership)</a>	Type	Limited Liability Company
-----	------------------------------------------------	------	---------------------------

Name Trace-Tek P:(972)672-0477  
ATTN licenses@trace-tek.com E:licenses@trace-tek.com  
2625 Commons Boulevard  
Beavercreek, OH 45341

Real Party In Trace-Tek FRN of Real 0030856223  
Interest Party in  
Interest

Race Sex

Ethnicity

#### Lessee Contact Information

Name Trace-Tek P:(972)672-0477  
Garrett Loo E:licenses@trace-tek.com  
ATTN licenses@trace-tek.com  
2625 Commons Boulevard  
Beavercreek, OH 45341

#### Lessee Qualifications and Ownership Information

Radio Service  
Type

Regulatory Status Interconnected

#### Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

#### Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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# Federal Communications Commission

## Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGA960	<b>File Number</b> 0009775572
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 01-03-2022	<b>Effective Date</b> 01-03-2022	<b>Expiration Date</b> 11-29-2036	<b>Print Date</b> 01-05-2022
<b>Market Number</b> BEA072	<b>Channel Block</b> B		<b>Sub-Market Designator</b> 0
<b>Market Name</b> Paducah, KY-IL			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

#### Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

#### Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGA960

**File Number:** 0009775572

**Print Date:** 01-05-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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ULS Application

### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009775572 - Cellco Partnership

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File Number 0009775572

Radio Service AW - AWS (1710-1755 MHz and  
2110-2155 MHz)Call Sign [WQGA960](#)

Application Status G - Granted

**General Information**

Application Purpose RO - Renewal Only

Existing Radio Service

Authorization Type Regular

Emergency STA

Receipt Date 10/26/2021

Action Date 01/03/2022

Entered Date 10/26/2021

Requested Expiration Date

Waiver No

Number of Rules

Attachments [Yes](#)

Grandfathered Privileges No

Application Fee Exempt No

Regulatory Fee Exempt No

Major Request

Use Question

**Market Data**

Market BEA072 - Paducah, KY-IL

Channel Block B

Submarket Designator 0

Associated Frequencies (MHz)  
001720.00000000-  
001730.00000000  
002120.00000000-  
002130.00000000**Applicant Information**FRN 0003290673  
([View Ownership Filing](#))

Type General Partnership

Name Cellco Partnership  
5055 North Point Pkwy, NP2NE  
Network Engineering  
Alpharetta, GA 30022P:(770)797-1070  
F:(770)797-1036  
E:LicensingCompliance@VerizonWireless.com

FRN of Real  
Party in  
Interest

Name	Cellco Partnership Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
------	------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

Race

Ethnicity

Sex

## Operation/Performance Requirement Certification

Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.

**For a geographic license, private systems - licensee in its initial license term with an interim performance requirement**

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in its initial license term with no interim performance requirement**

Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in any subsequent term**

Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.

**For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after 05/30/2020.**

Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent 10/01/2020.

**For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings**

Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.

## Discontinuance of Service Certification

Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.

## Regulatory Compliance Certification

Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.

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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGA961	<b>File Number</b> 0009775573
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 01-04-2022	<b>Effective Date</b> 01-04-2022	<b>Expiration Date</b> 11-29-2036	<b>Print Date</b> 01-05-2022
<b>Market Number</b> BEA073	<b>Channel Block</b> B		<b>Sub-Market Designator</b> 5
<b>Market Name</b> Memphis, TN-AR-MS-KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGA961

**File Number:** 0009775573

**Print Date:** 01-05-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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ULS Application

### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009775573 - Cellco Partnership

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File Number 0009775573

Radio Service AW - AWS (1710-1755 MHz and  
2110-2155 MHz)Call Sign [WQGA961](#)

Application Status G - Granted

**General Information**

Application Purpose RO - Renewal Only

Existing Radio Service

Authorization Type Regular

Emergency STA

Receipt Date 10/26/2021

Action Date 01/04/2022

Entered Date 10/26/2021

Requested Expiration Date

Waiver No

Number of Rules

Attachments [Yes](#)

Grandfathered Privileges No

Application Fee Exempt No

Regulatory Fee Exempt No

Major Request

Use Question

**Market Data**

Market BEA073 - Memphis, TN-AR-MS-KY

Channel Block B

Submarket Designator 5

Associated Frequencies (MHz)  
001720.00000000-  
001730.00000000  
002120.00000000-  
002130.00000000**Applicant Information**FRN 0003290673  
([View Ownership Filing](#))

Type General Partnership

Name Cellco Partnership  
5055 North Point Pkwy, NP2NE  
Network Engineering  
Alpharetta, GA 30022P:(770)797-1070  
F:(770)797-1036  
E:LicensingCompliance@VerizonWireless.com

Real Party in  
Interest

FRN of Real  
Party in  
Interest

### Contact Information

Name	Cellco Partnership Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
------	------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------

### Qualifications, Ownership

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

#### Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

#### Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

### Demographics

Race	
Ethnicity	Sex

### Additional Certifications

## Operation/Performance Requirement Certification

#### For a site-based license

Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).

#### For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

#### For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement

Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

#### For a geographic license, commercial service - licensee in any subsequent term

Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.

#### For a geographic license, private systems - licensee in its initial license term with an interim performance requirement

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in its initial license term with no interim performance requirement**

Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in any subsequent term**

Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.

**For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after 05/30/2020.**

Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent 10/01/2020.

**For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings**

Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.

## Discontinuance of Service Certification

Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.

## Regulatory Compliance Certification

Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.

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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGD474	<b>File Number</b> 0009787546
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 02-09-2022	<b>Effective Date</b> 02-09-2022	<b>Expiration Date</b> 12-18-2036	<b>Print Date</b> 02-10-2022
<b>Market Number</b> BEA096	<b>Channel Block</b> C		<b>Sub-Market Designator</b> 0
<b>Market Name</b> St. Louis, MO-IL			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGD474

**File Number:** 0009787546

**Print Date:** 02-10-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009787546 - Cellco Partnership

[? HELP](#)[New Search](#) [Refine Search](#) [Printable Page](#) [Reference Copy](#)**MAIN****ADMIN****TRANS LOG**

File Number 0009787546

Radio Service AW - AWS (1710-1755 MHz and  
2110-2155 MHz)Call Sign [WQGD474](#)

Application Status G - Granted

**General Information**

Application Purpose RO - Renewal Only

Existing Radio Service

Authorization Type Regular

Emergency STA

Receipt Date 11/05/2021

Action Date 02/09/2022

Entered Date 11/05/2021

Requested Expiration Date

Waiver No

Number of Rules

Attachments [Yes](#)

Grandfathered Privileges No

Application Fee Exempt No

Regulatory Fee Exempt No

Major Request

Use Question

**Market Data**

Market BEA096 - St. Louis, MO-IL

Channel Block C

Submarket Designator 0

Associated Frequencies (MHz)  
001730.00000000-  
001735.00000000  
002130.00000000-  
002135.00000000**Applicant Information**FRN 0003290673  
([View Ownership Filing](#))

Type General Partnership

Name Cellco Partnership  
5055 North Point Pkwy, NP2NE  
Network Engineering  
Alpharetta, GA 30022P:(770)797-1070  
F:(770)797-1036  
E:licensingcompliance@verizonwireless.com

FRN of Real  
Party in  
Interest

Name	Cellco Partnership Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
------	------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

Race

Ethnicity

Sex

## Operation/Performance Requirement Certification

Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.

**For a geographic license, private systems - licensee in its initial license term with an interim performance requirement**



Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in its initial license term with no interim performance requirement**

Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in any subsequent term**

Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.

**For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after 05/30/2020.**

Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent 10/01/2020.

**For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings**

Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.

## Discontinuance of Service Certification

Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.

## Regulatory Compliance Certification

Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.

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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGD606	<b>File Number</b> 0009565676
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 12-16-2021	<b>Effective Date</b> 12-16-2021	<b>Expiration Date</b> 12-18-2036	<b>Print Date</b> 07-09-2022
<b>Market Number</b> BEA072	<b>Channel Block</b> C		<b>Sub-Market Designator</b> 0
<b>Market Name</b> Paducah, KY-IL			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGD606

**File Number:** 0009565676

**Print Date:** 07-09-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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### 0010093348 - Cellco Partnership

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File Number 0010093348

Application Status Q - Accepted

#### General Information

Application Purpose NT - Required Notification

Existing Radio Service

Authorization Type

Emergency STA

Receipt Date 06/16/2022

Action Date 06/17/2022

Entered Date 06/16/2022

Requested Expiration Date

Waiver No

Number of Rules

Attachments

Grandfathered Privileges

Application Fee Exempt No

Regulatory Fee Exempt

Major Request

#### Applicant Information

FRN 0003290673  
([View Ownership Filing](#))

Type General Partnership

Name Cellco Partnership  
5055 North Point Pkwy, NP2NE  
Engineering  
Alpharetta, GA 30022  
ATTN RegulatoryP:(770)797-1070  
E:Licensing.Compliance@verizonwireless.com

Real Party in Interest

FRN of Real Party in Interest

#### Contact Information

Name Verizon  
Sarah Trosch  
1300 I Street, NW - Suite 500 East  
Washington, DC 20005P:(202)515-2453  
E:sarah.trosch@verizon.com

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# Federal Communications Commission

## Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: LICENSING MANAGER  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGV763	<b>File Number</b> 0009905996
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 04-05-2022	<b>Effective Date</b> 04-05-2022	<b>Expiration Date</b> 04-30-2037	<b>Print Date</b> 04-05-2022
<b>Market Number</b> BEA096	<b>Channel Block</b> B		<b>Sub-Market Designator</b> 0
<b>Market Name</b> St. Louis, MO-IL			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

#### Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

#### Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGV763

**File Number:** 0009905996

**Print Date:** 04-05-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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### 0010157192 - Illinois RSA 6 and 7 Limited Partnership

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File Number	0010157192	Application Status	Q - Accepted
Application Purpose	LN - New Lease	Classification of Lease	Spectrum Manager

#### General Information

Application Purpose	LN - New Lease		
Receipt Date	08/08/2022		
Entered Date	08/08/2022	Action Date	12/03/2022
Waiver	<a href="#">Yes</a>	Number of Rules	
Attachments	<a href="#">Yes</a>		
Application Fee Exempt	No	Waiver/Deferral Fee	No

#### Licensee Information

FRN	0003290673 <a href="#">(View Ownership Filing)</a>	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Sex	
Ethnicity			

#### Licensee Contact Information

Name	Verizon Sarah Trosch 1300 I St NW - Suite 500 East Washington, DC 20005	P:(202)515-2453 E:sarah.trosch@verizon.com
------	----------------------------------------------------------------------------------	-----------------------------------------------

#### Lessee Information

FRN	0002842334 <a href="#">(View Ownership)</a>	Type	Limited Partnership
-----	------------------------------------------------	------	---------------------

Name	Illinois RSA 6 and 7 Limited Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022	P:(770)797-1070 E:licensingcompliance@verizonwireless.com
------	--------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------

Real Party In Interest	Cellco Partnership	FRN of Real Party in Interest	0003290673
Race		Sex	
Ethnicity			

#### Lessee Contact Information

Name	Verizon Sarah Trosch 1300 I St Nw - Suite 500 East Washington, DC 20005	P:(202)515-2453 E:sarah.trosch@verizon.com
------	----------------------------------------------------------------------------------	-----------------------------------------------

#### Lessee Qualifications and Ownership Information

Radio Service  
Type

Regulatory Status Interconnected

#### Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

#### Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQJQ692	<b>File Number</b> 0008587218
<b>Radio Service</b> WU - 700 MHz Upper Band (Block C)	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 01-10-2020	<b>Effective Date</b> 02-03-2025	<b>Expiration Date</b> 06-13-2029	<b>Print Date</b> 01-14-2020
<b>Market Number</b> REA004	<b>Channel Block</b> C		<b>Sub-Market Designator</b> 0
<b>Market Name</b> Mississippi Valley			
<b>1st Build-out Date</b> 06-13-2013	<b>2nd Build-out Date</b> 06-13-2019	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

This authorization is conditioned upon compliance with section 27.16 of the Commission's rules

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQJQ692

**File Number:** 0008587218

**Print Date:** 01-14-2020

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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### 0011536151 - Trace-Tek

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REVENUE

File Number	0011536151	Application Status	G - Granted
Application Purpose	LN - New Lease	Classification of Lease	De Facto Transfer

#### General Information

Application Purpose	LN - New Lease		
Receipt Date	04/23/2025		
Entered Date	04/23/2025	Action Date	05/06/2025
Waiver	No	Number of Rules	
Attachments	<a href="#">Yes</a>		
Application Fee Exempt	No	Waiver/Deferral Fee	No

#### Licensee Information

FRN	0003290673 <a href="#">(View Ownership Filing)</a>	Type	General Partnership
Name	Cellco Partnership ATTN Network Engineering 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Sex	
Ethnicity			

#### Licensee Contact Information

Name	Verizon Sarah Trosch 1300 I St, NW- Suite 500 East Washington, DC 20005	P:(202)515-2453 E:sarah.trosch@verizon.com
------	----------------------------------------------------------------------------------	-----------------------------------------------

#### Lessee Information

FRN	0030856223 <a href="#">(View Ownership)</a>	Type	Limited Liability Company
-----	------------------------------------------------	------	---------------------------

Name Trace-Tek P:(972)672-0477  
ATTN licenses@trace-tek.com E:licenses@trace-tek.com  
2625 Commons Boulevard  
Beavercreek, OH 45341

Real Party In Trace-Tek FRN of Real 0030856223  
Interest Party in  
Interest

Race Sex

Ethnicity

#### Lessee Contact Information

Name Trace-Tek P:(972)672-0477  
Garrett Loo E:licenses@trace-tek.com  
ATTN licenses@trace-tek.com  
2625 Commons Boulevard  
Beavercreek, OH 45341

#### Lessee Qualifications and Ownership Information

Radio Service  
Type

Regulatory Status Interconnected

#### Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

#### Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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Federal Communications Commission  
45 L Street NE  
Washington, DC 20554

Phone: 1-877-480-3201  
ASL Videophone: 1-844-432-2275  
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

**LICENSEE:** CELLCO PARTNERSHIP

CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WQWY363	<b>File Number</b> 0009762545
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 12-14-2021	<b>Effective Date</b> 12-14-2021	<b>Expiration Date</b> 11-29-2036	<b>Print Date</b> 12-14-2021
<b>Market Number</b> REA004	<b>Channel Block</b> D		<b>Sub-Market Designator</b> 16
<b>Market Name</b> Mississippi Valley			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQWY363

**File Number:** 0009762545

**Print Date:** 12-14-2021

The license is subject to compliance with the provisions of the January 12, 2001 Agreement between Deutsche Telekom AG, VoiceStream Wireless Corporation, VoiceStream Wireless Holding Corporation and the Department of Justice (DOJ) and the Federal Bureau of Investigation (FBI), which addresses national security, law enforcement, and public safety issues of the FBI and the DOJ regarding the authority granted by this license. Nothing in the Agreement is intended to limit any obligation imposed by Federal law or regulation including, but not limited to, 47 U.S.C. Section 222(a) and (c)(1) and the FCC's implementing regulations. The Agreement is published at VoiceStream-DT Order, IB Docket No. 00-187, FCC 01-142, 16 FCC Rcd 9779, 9853 (2001).



**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQWY363

**File Number:** 0009762545

**Print Date:** 12-14-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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## Universal Licensing System

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ULS Application

### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009762545 - Cellco Partnership

[? HELP](#)[New Search](#) [Refine Search](#) [Printable Page](#) [Reference Copy](#)**MAIN****ADMIN****TRANS LOG**

File Number 0009762545

Radio Service AW - AWS (1710-1755 MHz and  
2110-2155 MHz)Call Sign [WQWY363](#)

Application Status G - Granted

**General Information**

Application Purpose RO - Renewal Only

Existing Radio Service

Authorization Type Regular

Emergency STA

Receipt Date 10/21/2021

Action Date 12/14/2021

Entered Date 10/21/2021

Requested Expiration Date

Waiver No

Number of Rules

Attachments [Yes](#)

Grandfathered Privileges No

Application Fee Exempt No

Regulatory Fee Exempt No

Major Request

Use Question

**Market Data**

Market REA004 - Mississippi Valley

Channel Block D

Submarket Designator 16

Associated Frequencies (MHz)  
001735.00000000-  
001740.00000000  
002135.00000000-  
002140.00000000**Applicant Information**FRN 0003290673  
([View Ownership Filing](#))

Type General Partnership

Name Cellco Partnership  
5055 North Point Pkwy, NP2NE  
Network Engineering  
Alpharetta, GA 30022P:(770)797-1070  
F:(770)797-1036  
E:licensingcompliance@verizonwireless.com

Real Party in  
Interest

FRN of Real  
Party in  
Interest

### Contact Information

Name	Verizon Wireless Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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### Qualifications, Ownership

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

#### Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

#### Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

### Demographics

Race	
Ethnicity	Sex

### Additional Certifications

## Operation/Performance Requirement Certification

#### For a site-based license

Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).

#### For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

#### For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement

Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.

#### For a geographic license, commercial service - licensee in any subsequent term

Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.

#### For a geographic license, private systems - licensee in its initial license term with an interim performance requirement

Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in its initial license term with no interim performance requirement**

Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

**For a geographic license, private systems - licensee in any subsequent term**

Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.

**For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after 05/30/2020.**

Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent 10/01/2020.

**For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings**

Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.

## Discontinuance of Service Certification

Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.

## Regulatory Compliance Certification

Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.

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By File Number



**EXHIBIT B**

**SITE DEVELOPMENT PLAN:  
500' VICINITY MAP  
LEGAL DESCRIPTIONS  
FLOOD PLAIN CERTIFICATION  
SITE PLAN  
VERTICAL TOWER PROFILE**



# BARDWELL NORTH

US-KY-5227

COUNTY ROAD 1302  
(WEBB SCHOOL ROAD)  
BARDWELL, KY 42023  
CARLISLE COUNTY

TENANT: KENTUCKY RSA 1 PSHP d/b/a VERIZON  
"EV BARDWELL NORTH"



## NEW 250'-0" SELF-SUPPORT TOWER w/10' LIGHTNING ROD TOTAL TOWER HEIGHT 260'-0"

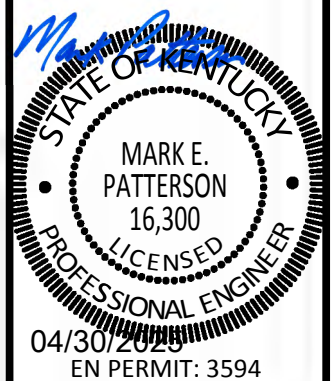
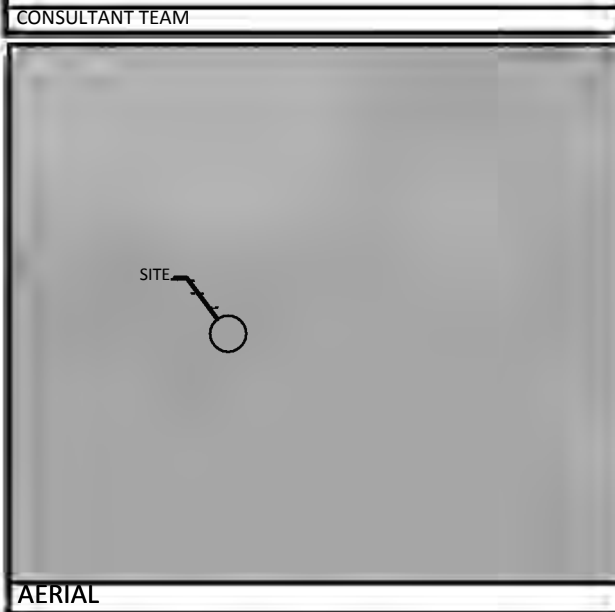
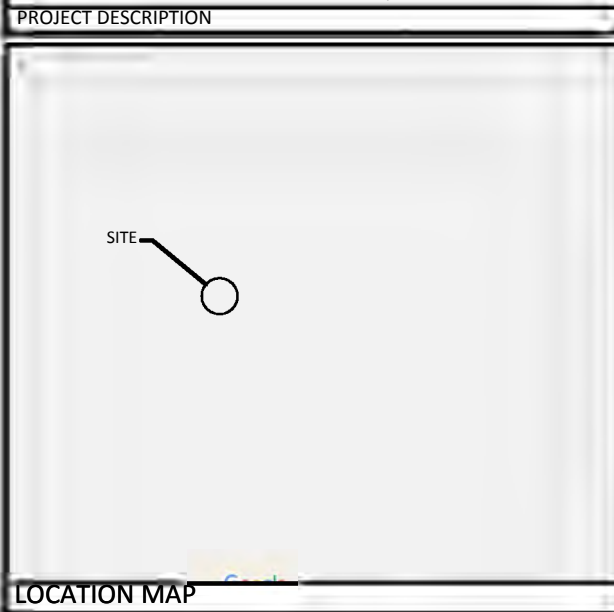
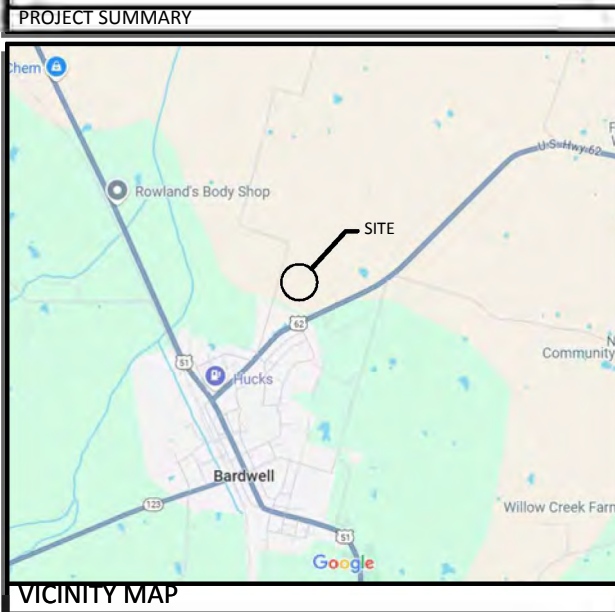
FROM THE CARLISLE COUNTY CLERK'S OFFICE, 985 US-62, BARDWELL, KY 42023: HEAD SOUTHEAST (79 FT). TURN RIGHT TOWARD JOHN ROBERTS RD (128 FT). CONTINUE ONTO JOHN ROBERTS RD (0.1 MI). TURN RIGHT ONTO JOHN ROBERTS DR (0.1 MI). TURN LEFT ONTO US-62 W (0.4 MI). TURN RIGHT ONTO CO RD 1302. DESTINATION WILL BE ON THE RIGHT (0.4 MI).

<b>VERTICAL BRIDGE SITE</b> BARDWELL NORTH SITE ID: US-KY-5227 <b>VERIZON SITE</b> EV BARDWELL NORTH FUZE ID: 16121704 MDG ID: 500344708 <b>SITE ADDRESS</b> COUNTY ROAD 1302 (WEBB SCHOOL ROAD) BARDWELL, KY 42023 CARLISLE COUNTY E911 ADDRESS: TBD <b>TOWER OWNER</b> THE TOWERS, LLC 750 PARK OF COMMERCE DRIVE SUITE 200 BOCA RATON, FL 33487 CONTACT: ROBERT RODRIGUEZ PHONE: (561) 596-9780 E-MAIL: ROBERT.RODRIGUEZ@VERTICALBRIDGE.COM <b>PROPERTY OWNER</b> MICHAEL EDWARD MANTLE & JAQUELINE ANN MANTLE PO BOX 120 BARDWELL, KY 42023 CONTACT: MIKE MANTLE PHONE: (270) 445-0456 E-MAIL: MJMANTLE@WINDSTREAM.NET	<b>POLICE</b> CARLISLE COUNTY SHERIFF 985 US-62 BARDWELL, KY 42030 PHONE: (270) 628-3377 <b>FIRE</b> CARLISLE COUNTY FIRE/RESCUE US HWY 51 BARDWELL, KY 42023 PHONE: (270) 628-3355 <b>GENERAL INFORMATION</b> LATITUDE : 36.884279 LONGITUDE : -89.005683 1983 (NAD83) ELEVATION : 389.4' AMSL 1988 (NAVD88) <b>VERTICAL BRIDGE LEASE AREA</b> (10,000 SF) <b>VERIZON LEASE AREA</b> (5005F) <b>PROJECT TOTAL DISTURBED AREA</b> COMPOUND: (10,000 SF) = (0.23 ACRE) ACCESS DRIVE: (9,602 SF) = (0.22 ACRE) GROSS AREA: (19,602 SF) = (0.45 ACRE)
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<b>PROJECT DESCRIPTION:</b> ALL CONSTRUCTION ITEMS ARE TO BE COMPLETED BY THE TOWER OWNER GENERAL CONTRACTOR UNLESS NOTED AS (VZW GC) WHICH SHALL BE COMPLETED BY THE VERIZON WIRELESS GENERAL CONTRACTOR. GENERALLY DESCRIBED BELOW: <b>VERTICAL BRIDGE SCOPE (BTS GC):</b> <ul style="list-style-type: none"><li>INSTALL A NEW 250' SELF-SUPPORT W/ 10' LIGHTNING ROD (TOTAL 260'-0")</li><li>INSTALL A NEW TOWER FOUNDATION SYSTEM</li><li>INSTALL A NEW 75' X 75' FENCED GRAVEL COMPOUND</li><li>INSTALL NEW SITE UTILITY H-FRAME AND NEW SITE ELECTRICAL SERVICE RUN FROM ROW TO SITE UTILITY H-FRAME</li><li>INSTALL NEW TOWER LIGHTING AND TOWER LIGHTING CONTROLLER</li><li>INSTALL A NEW GRAVEL ACCESS DRIVE</li><li>NO WATER OR SEWAGE SERVICES RUN TO SITE</li><li>INSTALL NEW TOWER &amp; SITE GROUNDING SYSTEM</li><li>INSTALL NEW VZW SUBSURFACE GROUNDING SYSTEM</li><li>INSTALL NEW VZW CONCRETE EQUIPMENT, GENERATOR, &amp; LP TANK PADS</li><li>INSTALL ALL ICE BRIDGE AND ICE BRIDGE FOUNDATIONS</li><li>INSTALL VZW EQUIPMENT H-FRAME AND FOUNDATIONS</li><li>INSTALL ELECTRICAL SERVICE CONDUIT WITH PULL TAPES FROM ILC ENCLOSURE STUB-UP TO UTILITY H-FRAME</li><li>INSTALL NEW CONDUITS WITH PULL TAPES FROM VZW ILC STUB-UP LOCATION TO THE GENERATOR STUB-UP LOCATION AT VZW GENERATOR PAD</li><li>INSTALL NEW LP FUEL LINE FROM FUEL TANK STUB-UP LOCATION TO GENERATOR STUB-UP LOCATION</li><li>INSTALL (2) NEW "VERIZON ONLY" 1-1/4" SMOOTHWALL SDR-11 HDPE FIBER OPTIC CONDUITS WITH PULL TAPES AND TRACER WIRE FROM "VERIZON ONLY" 24"x36" HANDHOLE OUTSIDE COMPOUND TO NEW VERIZON EQUIPMENT PAD.</li><li>INSTALL (3) NEW "VERIZON ONLY" 1-1/4" SMOOTHWALL SDR-11 HDPE FIBER OPTIC CONDUITS WITH PULL TAPE AND TRACER WIRE FROM NEW "VERIZON ONLY" 24"x36" HANDHOLE OUTSIDE COMPOUND TO NEW "VERIZON ONLY" 24"x36" HANDHOLE AT ROW.</li><li>PERMANENT ELECTRIC POWER MUST BE AVAILABLE FOR VERIZON AT THE METER BASE PRIOR TO THE SITE BEING RELEASED AS TENANT READY</li></ul> <b>VERIZON SCOPE (VZW GC):</b> <ul style="list-style-type: none"><li>INSTALL VZW PREFABRICATED EQUIPMENT PAD CANOPY AND FOUNDATIONS</li><li>INSTALL VZW ANTENNA MOUNTING SUPPORT STRUCTURE ON TOWER</li><li>INSTALL VZW ANTENNAS, LINES, COAX, GPS ANTENNA AND RADIO EQUIPMENT</li><li>INSTALL NEW GENERATOR ON EXISTING CONCRETE PAD</li><li>INSTALL NEW LP TANK ON EXISTING CONCRETE PAD AND CONNECT TO EXISTING FUEL LINE</li><li>INSTALL EXISTING SUBSURFACE GROUND LEADS TO VZW EQUIPMENT &amp; FACILITIES</li><li>INSTALL VZW ELECTRIC SERVICE CONDUCTORS FROM UTILITY H-FRAME TO VZW ILC ENCLOSURE</li><li>INSTALL NEW CONDUITS WITH PULL TAPES FROM RF CABINET TO OVP H-FRAME LIT FIBER LOCATION</li><li>INSTALL NEW CONDUITS AND CIRCUITS FROM VZW ILC ENCLOSURE TO EQUIPMENT ENCLOSURES AT VZW EQUIPMENT PAD</li><li>INSTALL VZW GENERATOR CIRCUITS FROM VZW ILC &amp; EQUIPMENT ENCLOSURES TO VZW GENERATOR</li><li>INSTALL NEW OUTDOOR OVPs AND CABLING ON VERIZON EQUIPMENT H-FRAME</li></ul>
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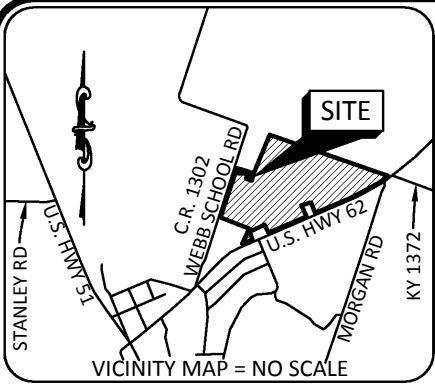
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.  BUILDING CODE 2018 KENTUCKY BUILDING CODE (IBC 2015) STRUCTURAL CODE TIA/EIA-222 - REVISION G (INCLUDES ADDENDUM #2) MECHANICAL CODE 2015 INTERNATIONAL MECHANICAL CODE (IMC 2015) PLUMBING CODE KENTUCKY STATE PLUMBING CODE (815 KAR CHAP. 20) ELECTRICAL CODE 2017 NATIONAL ELECTRICAL CODE (NEC) - NFPA 70 FIRE/LIFE SAFETY CODE 2015 INTERNATIONAL FIRE CODE (2015 IFC) ENERGY CODE 2012 INTERNATIONAL ENERGY CODE (COMMERCIAL) 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 2015 IBC BUILDING CODE.	<b>APPLICABLE CODES</b>  <b>SURVEYOR</b> POWER OF DESIGN GROUP, LLC 11490 BLUEGRASS PARKWAY LOUISVILLE, KY 40299 PHONE: (502) 437-5252  <b>ARCHITECTURAL</b> POWER OF DESIGN GROUP, LLC 11490 BLUEGRASS PARKWAY LOUISVILLE, KY 40299 PHONE: (502) 437-5252  <b>ELECTRICAL</b> WEST KY RURAL ELECTRIC CONTACT: TBD PHONE: (270) 247-1321 EMAIL: TBD
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<b>SHEET NUMBER</b> T-1 B-1 TO B-1.2 B-2 TO B-2.2  <b>CIVIL</b> C-1 C-1A C-3 C-4  <b>TOWER ELEVATION</b> TE-1	<b>DESCRIPTION</b> PROJECT INFORMATION, SITE MAPS, & SHEET INDEX SITE SURVEY 500' RADIUS AND ABUTTERS MAP  OVERALL SITE PLAN w/DISTANCES (AERIAL OVERLAY) OVERALL SITE PLAN DETAILED SITE PLAN DIMENSIONED SITE PLAN  TOWER ELEVATION
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<b>ZONING DRAWINGS</b>		
REV.	DATE	DESCRIPTION
A	2.27.25	ISSUED FOR REVIEW
B	4.15.25	ZONING ATTY REVIEW COMMENTS
0	4.30.25	ISSUED AS FINAL
SITE INFORMATION: <b>BARDWELL NORTH</b> COUNTY ROAD 1302 (WEBB SCHOOL ROAD) BARDWELL, KY 42023 CARLISLE COUNTY		
VERTICAL BRIDGE SITE NUMBER: US-KY-5227		
VERIZON SITE NAME: EV BARDWELL NORTH		
POD NUMBER:	24-169920	
DRAWN BY:	POD	
CHECKED BY:	MEP	
DATE:	2.26.25	
SHEET TITLE: <b>PROJECT INFORMATION, SITE MAPS, SHEET INDEX</b>		
SHEET NUMBER: <b>T-1</b>		





GENERAL NOTES

NO SEARCH OF PUBLIC RECORDS HAS BEEN COMPLETED BY POD GROUP TO DETERMINE ANY DEFECTS AND/OR AMBIGUITIES IN THE TITLE OF THE SUBJECT PROPERTY.

THIS SURVEY IS FOR THE LEASE AREA AND THE ACCESS & UTILITY EASEMENTS AND ONLY A PARTIAL BOUNDARY SURVEY OF THE PARENT TRACT HAS BEEN PERFORMED.

THERE WERE NO VISIBLE ENCROACHMENTS AFFECTING THE LEASE AREA OR THE ACCESS & UTILITY EASEMENTS, AT THE TIME OF THE SURVEY WAS COMPLETED.

THE LEASE AREA IS CONTIGUOUS WITH THE ACCESS & UTILITY EASEMENTS WHICH IS CONTIGUOUS WITH THE RIGHT OF WAY OF COUNTY ROAD 1302 (WEBB SCHOOL ROAD), WHICH IS A PUBLIC RIGHT OF WAY.

THE LEASE AREA AND THE ACCESS & UTILITY EASEMENTS ARE ENTIRELY WITHIN PARCEL ID: 026-00-00-002.00 AS DESCRIBED IN DEED BOOK 118, PAGE 496 (PARCEL V, TRACT 1).

PARCEL V LESS AND EXCEPT PARCELS AS DESCRIBED IN DEED BOOK 118, PAGE 496 ARE NOT LOCATED WITHIN THE VERTICAL BRIDGE LEASE AREA OR EASEMENTS.

A PORTION OF THIS SURVEY WAS CONDUCTED BY METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. UNADJUSTED CLOSURE EQUALS 0.04', FOR A PRECISION OF 1:33,230 AND HAS NOT BEEN ADJUSTED.

THIS PROPERTY IS SUBJECT TO ANY RECORDED EASEMENTS AND/OR RIGHTS OF WAY SHOWN HEREON OR NOT.

NO EXCEPTIONS REFERENCED IN THE PARENT PARCELS LEGAL DESCRIPTION AFFECT THE LEASE AREA OR THE ACCESS & UTILITY EASEMENTS.

THIS PLAT IS NOT INTENDED FOR LAND TRANSFER.

THE PARENT PARCEL, THE LEASE AREA AND THE ACCESS & UTILITY EASEMENTS SHOWN HEREON ARE NOT LOCATED IN A 100-YEAR FLOOD PLAIN (ZONE "X") PER FLOOD HAZARD BOUNDARY MAP, COMMUNITY-PANEL NUMBER 21039C00045D, DATED MAY 24, 2011.



PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

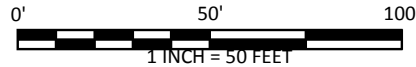


LEGEND

- EX. TELEPHONE PEDESTAL
- EX. UTILITY POLE
- EX. GUY ANCHOR
- UTIL. UTILITY
- EOP EDGE OF PAVEMENT

- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING
- EX. EXISTING
- ESMT. EASEMENT
- ROW RIGHT OF WAY

- OHE OVERHEAD ELECTRIC
- SET 1/2" REBAR, 18" LONG WITH A YELLOW PLASTIC CAP STAMPED "PATTERSON KY PLS3136"
- FOUND MONUMENT AS NOTED
- PROPERTY LINE
- ADJACENT PROPERTY LINE



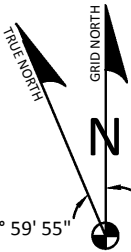
FAA COORDINATE POINT

NAD 83  
LATITUDE: 36°53'03.403623"  
LONGITUDE: -89°00'20.457381"  
ELEVATION: 389.4'± AMSL  
NORTHING: 3498058.0174  
EASTING: 3969188.2445

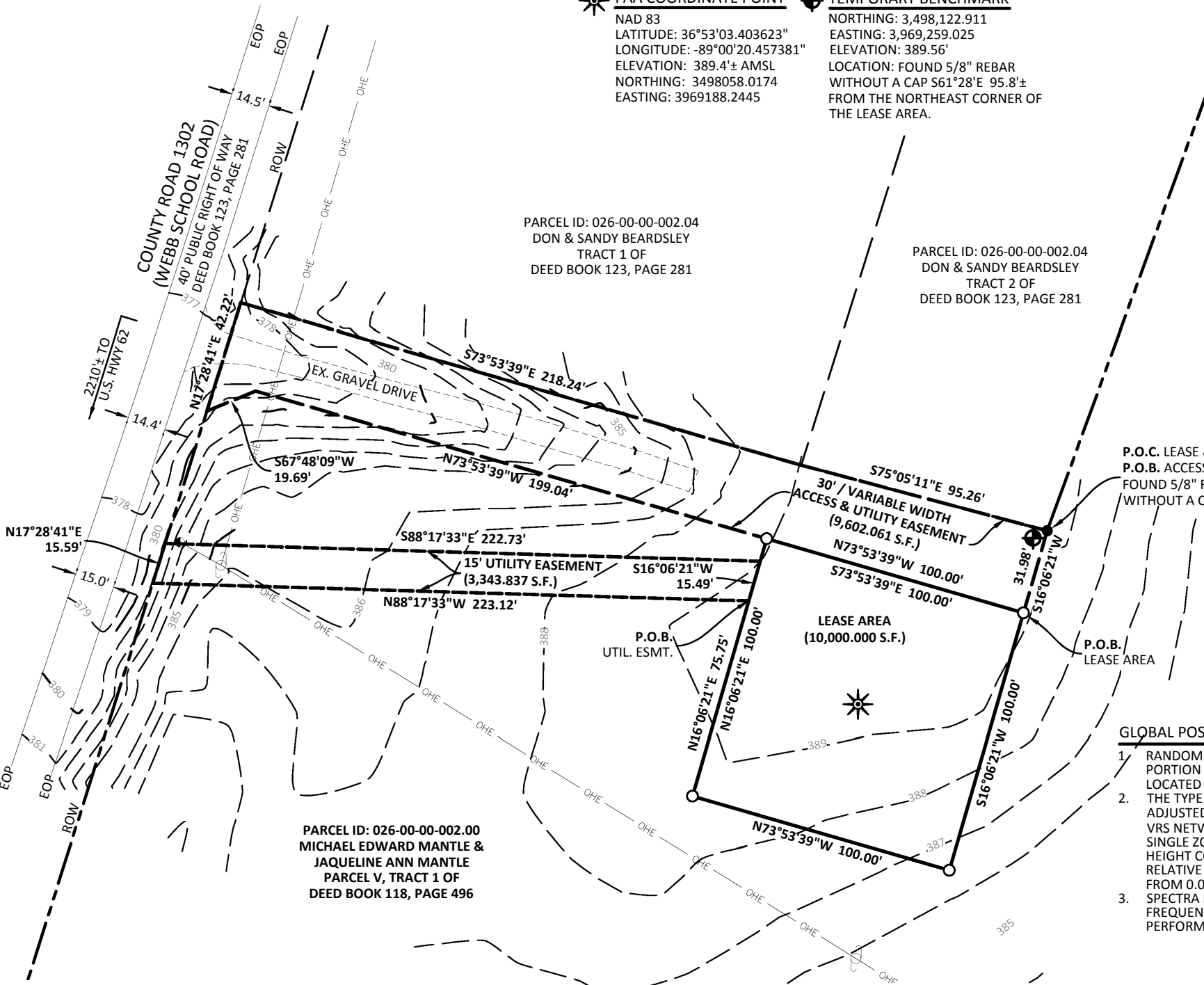


TEMPORARY BENCHMARK

NORTHING: 3,498,122.911  
EASTING: 3,969,259.025  
ELEVATION: 389.56'  
LOCATION: FOUND 5/8" REBAR  
WITHOUT A CAP S61°28'E 95.8'±  
FROM THE NORTHEAST CORNER OF  
THE LEASE AREA.



BASED ON KENTUCKY STATE  
PLANE SINGLE ZONE AND  
DETERMINED BY GPS  
OBSERVATIONS  
COMPLETED ON JULY 17, 2024.



P.O.C. LEASE & UTIL. ESMT.  
P.O.B. ACCESS & UTIL. ESMT.  
FOUND 5/8" REBAR  
WITHOUT A CAP

GLOBAL POSITIONING SYSTEMS NOTE

1. RANDOM CONTROL POINTS AND A PORTION OF THE TOPOGRAPHY WAS LOCATED USING GPS.
2. THE TYPE OF GPS UTILIZED WAS NETWORK ADJUSTED REAL TIME KINEMATIC (KYTC VRS NETWORK), NAD 83 KENTUCKY SINGLE ZONE WITH THE ORTHOMETRIC HEIGHT COMPUTED USING GEOID18. RELATIVE POSITIONAL ACCURACY VARIED FROM 0.02' TO 0.05' HORIZONTALLY.
3. SPECTRA PRECISION SP85 DUAL FREQUENCY RECEIVERS WERE USED TO PERFORM THE SURVEY.

LAND SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO: THE TOWERS, LLC; VERTICAL BRIDGE REIT, LLC A DELAWARE LIMITED LIABILITY COMPANY, ITS SUBSIDIARIES, AND THEIR RESPECTIVE SUCCESSORS AND/OR ASSIGNS; TORONTO DOMINION (TEXAS) LLC, AS ADMINISTRATIVE AGENT, FOR ITSELF AND ON BEHALF OF THE LENDERS PARTIES FROM TIME TO TIME TO THAT CERTAIN SECOND AMENDED AND RESTATED LOAN AGREEMENT DATED JUNE 17, 2016 WITH VERTICAL BRIDGE HOLDCO, LLC, AS BORROWER, AND VERTICAL BRIDGE HOLDCO PARENT, LLC, AS PARENT, AS MAY BE AMENDED, RESTATED, MODIFIED OR RENEWED, THEIR SUCCESSORS AND ASSIGNS AS THEIR INTERESTS MAY APPEAR; AND TOWER TITLE, LLC.

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



Mark Patterson  
MARK PATTERSON, PLS #3136

10/07/2024

DATE

PREPARED BY:



PREPARED FOR:



REVISIONS

REV.	DATE	DESCRIPTION
A	7.26.24	PRELIM ISSUE W/TITLE
0	10.7.24	ISSUED FINAL

SITE INFORMATION:

**BARDWELL NORTH**  
WEBB SCHOOL ROAD  
(COUNTY ROAD 1302)  
BARDWELL, KY 42023  
CARLISLE COUNTY

**TAX PARCEL NUMBER:**  
026-00-00-002.00

**PROPERTY OWNER:**  
MICHAEL EDWARD MANTLE &  
JAQUELINE ANN MANTLE  
P.O. BOX 120  
BARDWELL, KY 42023

**SOURCE OF TITLE:**  
PARCEL V, TRACT 1 OF  
DEED BOOK 118, PAGE 496

SITE NUMBER:

US-KY-5227

POD NUMBER: 24-169916

DRAWN BY: DAP  
CHECKED BY: MEP  
SURVEY DATE: 7.17.24  
PLAT DATE: 7.26.24

SHEET TITLE:

**SITE SURVEY**  
THIS DOES NOT REPRESENT A  
BOUNDARY SURVEY OF THE  
PARENT PARCEL

SHEET NUMBER: (3 pages)

**B-1**



LEGAL DESCRIPTIONS

LEASE AREA

THE FOLLOWING IS A DESCRIPTION OF THE LEASE AREA TO BE GRANTED FROM THE PROPERTY CONVEYED TO MICHAEL EDWARD MANTLE & JAQUELINE ANN MANTLE RECORDED AS PARCEL V, TRACT 1 OF DEED BOOK 118, PAGE 496 OF RECORD IN THE OFFICE OF THE CLERK OF CARLISLE COUNTY, KENTUCKY WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON JULY 17, 2024.

COMMENCING AT A FOUND 5/8" REBAR WITHOUT A CAP AT THE CORNER OF THE PARCEL CONVEYED TO MICHAEL EDWARD MANTLE & JAQUELINE ANN MANTLE RECORDED AS PARCEL V, TRACT 1 OF DEED BOOK 118, PAGE 496, PARCEL ID: 026-00-00-002.00 AND BEING THE SOUTHEAST CORNER OF THE PROPERTY CONVEYED TO DON & SANDY BEARDSLEY RECORDED AS TRACT 2 OF DEED BOOK 123, PAGE 281, PARCEL ID: 026-00-00-002.04; THENCE LEAVING SAID CORNER AND TRAVERSING SAID MANTLE PROPERTY, S16°06'21"W 31.98' TO A SET 1/2" REBAR, 18" LONG, CAPPED "PATTERSON KY PLS3136", HEREAFTER REFERRED TO AS A "SET IPC", AT THE NORTHEAST CORNER OF THE LEASE AREA AND BEING **THE TRUE POINT OF BEGINNING**; THENCE S16°06'21"W 100.00' TO A "SET IPC"; THENCE N73°53'39"W 100.00' TO A "SET IPC"; THENCE N16°06'21"E 100.00' TO A "SET IPC"; THENCE S73°53'39"E 100.00' TO THE POINT OF BEGINNING CONTAINING 10,000.000 SQUARE FEET AS PER SURVEY BY MARK E. PATTERSON, PLS #3136 DATED JULY 17, 2024.

30' / VARIABLE WIDTH ACCESS & UTILITY EASEMENT

THE FOLLOWING IS A DESCRIPTION OF THE 30' / VARIABLE WIDTH ACCESS & UTILITY EASEMENT TO BE GRANTED FROM THE PROPERTY CONVEYED TO MICHAEL EDWARD MANTLE & JAQUELINE ANN MANTLE RECORDED AS PARCEL V, TRACT 1 OF DEED BOOK 118, PAGE 496 OF RECORD IN THE OFFICE OF THE CLERK OF CARLISLE COUNTY, KENTUCKY WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON JULY 17, 2024.

**BEGINNING** AT A FOUND 5/8" REBAR WITHOUT A CAP AT THE CORNER OF THE PARCEL CONVEYED TO MICHAEL EDWARD MANTLE & JAQUELINE ANN MANTLE RECORDED AS PARCEL V, TRACT 1 OF DEED BOOK 118, PAGE 496, PARCEL ID: 026-00-00-002.00 AND BEING THE SOUTHEAST CORNER OF THE PROPERTY CONVEYED TO DON & SANDY BEARDSLEY RECORDED AS TRACT 2 OF DEED BOOK 123, PAGE 281, PARCEL ID: 026-00-00-002.04; THENCE LEAVING SAID CORNER AND TRAVERSING SAID MANTLE PROPERTY, S16°06'21"W 31.98' TO A SET 1/2" REBAR, 18" LONG, CAPPED "PATTERSON KY PLS3136", HEREAFTER REFERRED TO AS A "SET IPC", AT THE NORTHEAST CORNER OF THE LEASE AREA; THENCE WITH SAID LEASE AREA, N73°53'39"W 100.00' TO A "SET IPC" IN THE NORTHWEST CORNER OF SAID LEASE AREA; THENCE LEAVING SAID LEASE AREA, N73°53'39"W 199.04'; THENCE S67°48'09"W 19.69' TO THE EAST RIGHT OF WAY LINE OF COUNTY ROAD 1302 (WEBB SCHOOL ROAD) AND THE WEST LINE OF SAID MANTLE PROPERTY; THENCE WITH SAID EAST RIGHT OF WAY LINE OF COUNTY ROAD 1302, N17°28'41"E 42.22' TO THE COMMON CORNER OF THE AFOREMENTIONED MANTLE PROPERTY AND BEING THE SOUTHWEST CORNER OF THE PROPERTY CONVEYED TO DON & SANDY BEARDSLEY RECORDED AS TRACT 1 OF DEED BOOK 123, PAGE 281, PARCEL ID: 026-00-00-002.04; THENCE LEAVING SAID EAST RIGHT OF WAY LINE AND WITH THE COMMON LINE OF BEARDSLEY AND MANTLE PROPERTY, S73°53'39"E 218.24'; THENCE S75°05'11"E 95.26' TO THE POINT OF BEGINNING CONTAINING 9,602.061 SQUARE FEET AS PER SURVEY BY MARK E. PATTERSON, PLS #3136 DATED JULY 17, 2024.

15' UTILITY EASEMENT

THE FOLLOWING IS A DESCRIPTION OF THE 15' UTILITY EASEMENT TO BE GRANTED FROM THE PROPERTY CONVEYED TO MICHAEL EDWARD MANTLE & JAQUELINE ANN MANTLE RECORDED AS PARCEL V, TRACT 1 OF DEED BOOK 118, PAGE 496 OF RECORD IN THE OFFICE OF THE CLERK OF CARLISLE COUNTY, KENTUCKY WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON JULY 17, 2024.

COMMENCING AT A FOUND 5/8" REBAR WITHOUT A CAP AT THE CORNER OF THE PARCEL CONVEYED TO MICHAEL EDWARD MANTLE & JAQUELINE ANN MANTLE RECORDED AS PARCEL V, TRACT 1 OF DEED BOOK 118, PAGE 496, PARCEL ID: 026-00-00-002.00 AND BEING THE SOUTHEAST CORNER OF THE PROPERTY CONVEYED TO DON & SANDY BEARDSLEY RECORDED AS TRACT 2 OF DEED BOOK 123, PAGE 281, PARCEL ID: 026-00-00-002.04; THENCE LEAVING SAID CORNER AND TRAVERSING SAID MANTLE PROPERTY, S16°06'21"W 31.98' TO A SET 1/2" REBAR, 18" LONG, CAPPED "PATTERSON KY PLS3136", HEREAFTER REFERRED TO AS A "SET IPC", AT THE NORTHEAST CORNER OF THE LEASE AREA; THENCE WITH SAID LEASE AREA FOR THE NEXT THREE CALLS, S16°06'21"W 100.00' TO A "SET IPC"; THENCE N73°53'39"W 100.00' TO A "SET IPC"; THENCE N16°06'21"E 75.75' TO **THE TRUE POINT OF BEGINNING**; THENCE LEAVING SAID LEASE AREA, N88°17'33"W 223.12' TO THE EAST RIGHT OF WAY LINE OF COUNTY ROAD 1302 (WEBB SCHOOL ROAD) AND THE WEST LINE OF SAID MANTLE PROPERTY; THENCE WITH SAID EAST RIGHT OF WAY LINE OF COUNTY ROAD 1302, N17°28'41"E 15.59'; THENCE LEAVING SAID EAST LINE AND TRAVERSING SAID MANTLE PROPERTY, S88°17'33"E 222.73' TO THE WEST LINE OF SAID LEASE AREA; THENCE WITH SAID LEASE AREA, S16°06'21"W 15.49' TO THE POINT OF BEGINNING CONTAINING 3,343.837 SQUARE FEET AS PER SURVEY BY MARK E. PATTERSON, PLS #3136 DATED JULY 17, 2024.

LAND SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO: THE TOWERS, LLC; VERTICAL BRIDGE REIT, LLC A DELAWARE LIMITED LIABILITY COMPANY, ITS SUBSIDIARIES, AND THEIR RESPECTIVE SUCCESSORS AND/OR ASSIGNS; TORONTO DOMINION (TEXAS) LLC, AS ADMINISTRATIVE AGENT, FOR ITSELF AND ON BEHALF OF THE LENDERS PARTIES FROM TIME TO TIME TO THAT CERTAIN SECOND AMENDED AND RESTATED LOAN AGREEMENT DATED JUNE 17, 2016 WITH VERTICAL BRIDGE HOLDCO, LLC, AS BORROWER, AND VERTICAL BRIDGE HOLDCO PARENT, LLC, AS PARENT, AS MAY BE AMENDED, RESTATED, MODIFIED OR RENEWED, THEIR SUCCESSORS AND ASSIGNS AS THEIR INTERESTS MAY APPEAR; AND TOWER TITLE, LLC.

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.

10/07/2024  
MARK PATTERSON, PLS #3136

DATE

PREPARED BY:



PREPARED FOR:



REVISIONS

REV.	DATE	DESCRIPTION
A	7.26.24	PRELIM ISSUE W/TITLE
0	10.7.24	ISSUED FINAL

SITE INFORMATION:  
**BARDWELL NORTH**  
WEBB SCHOOL ROAD  
(COUNTY ROAD 1302)  
BARDWELL, KY 42023  
CARLISLE COUNTY  
  
TAX PARCEL NUMBER:  
026-00-00-002.00  
  
PROPERTY OWNER:  
MICHAEL EDWARD MANTLE &  
JAQUELINE ANN MANTLE  
P.O. BOX 120  
BARDWELL, KY 42023  
  
SOURCE OF TITLE:  
PARCEL V, TRACT 1 OF  
DEED BOOK 118, PAGE 496

SITE NUMBER: US-KY-5227	
POD NUMBER:	24-169916
DRAWN BY:	DAP
CHECKED BY:	MEP
SURVEY DATE:	7.17.24
PLAT DATE:	7.26.24

SHEET TITLE:  
**SITE SURVEY**  
THIS DOES NOT REPRESENT A  
BOUNDARY SURVEY OF THE  
PARENT PARCEL

SHEET NUMBER: (3 pages)

B-1.1

PARENT PARCEL, LEGAL DESCRIPTION, DEED BOOK 118, PAGE 496 (NOT FIELD SURVEYED)

THE FOLLOWING DESCRIBED PROPERTY, TOGETHER WITH THE IMPROVEMENTS THEREON, LYING AND BEING IN CARLISLE AND BALLARD COUNTY, KENTUCKY TO WIT:

A CERTAIN TRACT OR PARCEL OF LAND LYING IN CARLISLE COUNTY, KENTUCKY, BOUNDED AS FOLLOWS: BEGINNING AT A STAKE AND MAPLE IN BRASHEARS AND MATHEW WRIGHTS LINE 57-1/2 E. 157.6 POLES TO THREE SMALL WHITE OAKS, HICKORY AND RED BUD CORNER TO MILLER DIVISION IN BRASHEARS SURVEY, THENCE WITH MILLERS LINE S. 15.37 W. 101.6 POLES TO A SMALL SWEET GUM AND TWO WHITE OAKS; THENCE N. 72-1/2 W 157.6 POLES TO A POPLAR AND TWO ASH WITHIN FOUR FEET OF REMMICKS LINE N. 15.37 E. 101.6 POLES TO THE BEGINNING, CONTAINING ONE HUNDRED AND ONE ACRES AND ONE HUNDRED AND FORTY POLES.

**LESS AND EXCEPT:** BEGINNING AT A STAKE IN THE NORTH RIGHT OF WAY LINE OF U.S. HIGHWAY NO. 62, SAID POINT BEING THE SOUTHEAST CORNER OF THE PROPERTY HEREIN CONVEYED; THENCE NORTH WITH AN ESTABLISHED FENCE LINE 200 FEET TO A STAKE, THIS BEING THE NORTHEAST CORNER OF THE PROPERTY HEREIN CONVEYED; THENCE WEST WITH AN ESTABLISHED FENCE LINE 150 FEET TO A STAKE, SAID POINT BEING THE NORTHWEST CORNER OF THE PROPERTY HEREIN CONVEYED; THENCE SOUTH WITH AS ESTABLISHED FENCE LINE 200 FEET TO A STAKE IN THE NORTH RIGHT OF WAY LINE OF U.S. HIGHWAY NO. 62, SAID POINT BEING THE SOUTHWEST CORNER OF THE PROPERTY HEREIN CONVEYED; THENCE EAST WITH THE RIGHT OF WAY LINE OF U.S. HIGHWAY NO. 62 TO THE POINT OF BEGINNING. SAID PROPERTY BEING APPROXIMATELY ¾ OF AN ACRE. AS SHOWN BY DEED IN DEED BOOK 83, PAGE 26.

**FURTHER LESS AND EXCEPT:** BEGINNING AT AN IRON PIN SET 25.00 FEET SOUTH AT RIGHT ANGLES FROM THE CENTERLINE OF WEBB SCHOOL ROAD, SAID CENTERLINE POINT IS LOCATED 827.71 FEET NORTH WITH SAID CENTERLINE FROM THE CENTERLINE INTERSECTION OF WEBB SCHOOL ROAD AND HIGHWAY 62; THENCE SOUTH 66 DEGREES 56 MINUTES 15 SECONDS EAST FOR A DISTANCE OF 174.57 FEET WITH A FENCE IN LOYCE COPE'S NORTH LINE TO AN IRON PIN SET AT THE INTERSECTION OF THE SOUTH LINE OF MARGO LANE AND COPE'S EAST LINE; THENCE SOUTH 20 DEGREES 38 MINUTES 40 SECONDS WEST FOR A DISTANCE OF 290.98 FEET WITH THE SOUTH LINE OF MARGO LANE TO AN IRON PIN SET 20.00 FEET SOUTH AT RIGHT ANGLES FROM THE CENTERLINE OF MARGO LANE AND 30.00 FEET NORTH AT RIGHT ANGLES FROM THE CENTERLINE OF HIGHWAY 62; THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 1447.84 FEET AND AN ARC LENGTH OF 521.36 FEET, BEING SUBTENDED BY A CHORD OF NORTH 59 DEGREES 36 MINUTES 48 SECONDS EAST FOR A DISTANCE OF 518.55 FEET WITH THE NORTH LINE OF HIGHWAY 62 TO AN IRON PIN SET 30.00 FEET NORTH AT RIGHT ANGLES FROM THE CENTERLINE; THENCE NORTH 69 DEGREES 55 MINUTES 45 SECONDS EAST FOR A DISTANCE OF 55.93 FEET WITH THE NORTH LINE OF HIGHWAY 62 TO AN IRON PIN SET 30.00 FEET NORTH AT RIGHT ANGLES FROM THE CENTERLINE; THENCE NORTH 08 DEGREES 58 MINUTES 54 SECONDS. EAST FOR A DISTANCE OF 340.42 FEET ON A NEW LINE TO AN IRON PIN SET IN A TREE LINE; THENCE NORTH 65 DEGREES 58 MINUTES 06 SECONDS WEST FOR A DISTANCE OF 451.11 FEET WITH SAID TREE LINE TO AN IRON PIN SET 25.00 FEET EAST AT RIGHT ANGLES FROM THE CENTERLINE OF WEBB SCHOOL ROAD; THENCE SOUTH 23 DEGREES 21 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 501.91 FEET WITH THE EAST LINE OF WEBB SCHOOL ROAD TO AN IRON PIN, THE POINT OF BEGINNING. SAID PROPERTY CONTAINS 6.1020 ACRES MORE OR LESS AND THE SAME BEING SURVEYED BY DAVID H. DUMMER, JR., REG. LAND SURVEYOR #1955, OCTOBER 25, 1991. AS SHOWN BY DEED IN DEED BOOK 94, PAGE 596.

**FURTHER LESS AND EXCEPT:** THE FOLLOWING TWO TRACTS:

**TRACT NO. 1:**

A CERTAIN TRACT OF LAND LOCATED ON THE EAST SIDE OF COUNTY ROAD 1302 AND NORTHEASTERLY APPROXIMATELY 0.4 MILES FROM THE INTERSECTION OF CENTERLINES OF US 62 HIGHWAY AND COUNTY ROAD. 1302 IN CARLISLE COUNTY, KENTUCKY AND MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT AN IRON PIN S. T IN THE EAST RIGHT OF WAY LINE OF COUNTY ROAD 1302 (SAID RIGHT OF WAY HEREIN TAKEN - BE 20 FEET FROM CENTERLINE), A NEW CORNER OF MICHAEL EDWARD MANTLE (D.B. 118. ". 496), SAID PIN LOCATED NORTH 20 DEGREES 43 MINUTES 06 SECONDS EAST, 2263.35 FEET FROM THE INTERSECTION OF CENTERLINES OF US 62 HIGHWAY AND COUNTY ROAD 1302; THENCE WITH SAID RIGHT OF WAY, NORTH 19 DEGREES 08 MINUTES 51 SECONDS EAST, 666.73 FEET TO A POINT, A CORNER OF MICHAEL EDWARD MANTLE (D.B. 118, P. 496); THENCE CONTINUING WITH SAID RIGHT OF WAY AND AN ARC TO THE LEFT OF 123.80 FEET WITH A RADIUS OF 114.89 FEET TO AN IRON PIN SET, A NEW CORNER OF MICHAEL EDWARD MANTLE (D.B. 118, P. 496), SAID PIN LOCATED, NORTH 9 DEGREES 23 MINUTES 26 SECONDS EAST, 117.90 FEET (CHORD DISTANCE); THENCE LEAVING SAID RIGHT OF WAY AND WITH A NEW LINE SOUTH 67 DEGREES 08 MINUTES 18 SECONDS EAST, 238.79 FEET TO AN IRON PIN SET, A NEW COMER OF MICHAEL EDWARD MANTLE (D.B. 118, P. 496); THENCE WITH A NEW LINE, WORTH 19 DEGREES 09 MINUTES 27 SECONDS WEST, 762.43 FEET TO AN IRON PIN SET, A NEW CORNER OF MICHAEL EDWARD MANTLE (D.B. 118, P. 496); THENCE WITH A NEW LINE, NORTH 72 DEGREES 10 MINUTES 17 SECONDS WEST, 218.24 FEET TO THE POINT OF BEGINNING AND CONTAINING 3.88 ACRES MORE OR LESS ACCORDING TO A SURVEY DONE BY RICHARD T. CARTER, KY. P.L.S. 1982 WITH C & C SURVEYING DONE ON MAY 22, 2003. AS SHOWN BY DEED IN DEED BOOK 123, PAGE 281.

**TRACT NO. 2:**

A CERTAIN TRACT OF LAND LOCATED EASTERLY APPROXIMATELY 218 FEET FROM THE EAST LINE OF COUNTY ROAD 1302 AND NORTHEASTERLY APPROXIMATELY 0.4 MILES FROM THE INTERSECTION OF CENTERLINE OF US 62 HIGHWAY AND COUNTY ROAD 1302 IN CARLISLE COUNTY, KENTUCKY AND MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT AN EXISTING IRON PIN AT THE SOUTHEAST CORNER OF A SURVEYED 3.88 ACRE TRACT, A NEW CORNER OF MICHAEL EDWARD MANTLE (D.B. 118, P. 496), SAID PIN LOCATED NORTH 26 DEGREES 11 MINUTES 33 SECONDS EAST, 2284.77 FEET FROM THE INTERSECTION OF CENTERLINE OF US 62 HIGHWAY AND COUNTY ROAD 1302; THENCE WITH A NEW LINE, SOUTH 73 DEGREES 21 MINUTES 50 SECONDS EAST, 95.26 FEET TO AN IRON PIN SET, A NEW CORNER OF MICHAEL EDWARD MANTLE (D.B. 118, P. 496); THENCE WITH A NEW LINE, NORTH 21 DEGREES 46 MINUTES 58 SECONDS EAST, 749.05 FEET TO AN IRON PIN SET, A NEW CORNER OF MICHAEL EDWARD MANTLE (D.B. 118, P. 496); THENCE WITH A NEW LINE, NORTH 66 DEGREES 26 MINUTES 12 SECONDS WEST, 129.86 FEET TO AN EXISTING IRON PIN AT THE NORTHEAST CORNER OF A SURVEYED 3.88 ACRE TRACT, A NEW CORNER OF MICHAEL EDWARD MANTLE (D.B. 118 P. 496); THENCE WITH THE EAST LINE OF THE SURVEYED 3.88 ACRE TRACT, SOUTH 19 DEGREES 09 MINUTES 27 SECONDS WEST 762.43 FEET TO THE POINT OF BEGINNING AND CONTAINING 1.95 ACRES MORE OR LESS ACCORDING TO A SURVEY DONE BY RICHARD T. CARTER, KY. PLS 1982 WITH C & C SURVEYING ON SEPTEMBER 19, 2003. AS SHOWN BY DEED IN DEED BOOK 123, PAGE 281.

**FURTHER LESS AND EXCEPT:** BEGINNING AT THE POINT AND PLACE WHERE THE NORTH PROPERTY LINE OF J. H. SHAFFER IS INTERSECTED BY U.S. HIGHWAY NO. 62, ON THE NORTH SIDE OF SAID HIGHWAY; THENCE WITH THE NORTH SIDE OF SAID HIGHWAY NO. 62, SOUTH 60 DEGREES WEST 492 FEET TO A POINT IN THE RIGHT OF WAY LINE OF SAID HIGHWAY; THENCE NORTH 10 DEGREES WEST 160 FEET; THENCE NORTH 36-¾ DEGREES EAST 207 FEET THE SOUTH LINE OF THE TRACT OF LAND OWNED BY ELI ALLEN DURING HIS LIFETIME; THENCE SOUTH 77-3/4 DEGREES EAST 100 FEET WITH THE ALLEN LINE; THENCE SOUTH 76 DEGREES AND 35 MINUTES EAST 239 FEET TO THE POINT OF BEGINNING IN THE RIGHT OF WAY LINE OF U. S. HIGHWAY NO. 62, CONTAINING TWO AND ONE-FOURTH (2-1/4) ACRES, MORE OR LESS. AS SHOWN BY DEED IN DEED BOOK 144, PAGE 27.

**FURTHER LESS AND EXCEPT** ALL THAT PORTION OF THE PREMISES LOCATED SOUTH-SOUTHEAST OF US HIGHWAY 62.

PARCEL ID#: 026-00-00-002.00 (37394)

THIS BEING A PORTION OF THE SAME PROPERTY CONVEYED TO MICHAEL EDWARD MANTLE AND WIFE, JAQUELINE ANN MANTLE, AS JOINT TENANTS WITH RIGHT OF SURVIVORSHIP, FROM EDWARD BOURKE MANTLE, JR., A SINGLE PERSON, AND MARGO MANTLE SPRAGUE, A SINGLE PERSON IN A GENERAL WARRANTY DEED DATED AUGUST 8, 2002, AND RECORDED AUGUST 13, 2002, IN BOOK 118, PAGE 496, IN CARLISLE COUNTY, KENTUCKY.

TITLE OF COMMITMENT, DEED BOOK 118, PAGE 496 (PARCEL ID: 026-00-00-002.00)

THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY POD GROUP, LLC. AND AS SUCH WE ARE NOT RESPONSIBLE FOR THE INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, UNRECORDED EASEMENTS, AUGMENTING EASEMENTS, IMPLIED OR PRESCRIPTIVE EASEMENTS, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE. INFORMATION REGARDING THESE MATTERS WERE GAINED FROM WESTCOR LAND TITLE INSURANCE COMPANY AND TOWER TITLE, LLC, COMMITMENT NO. VTB-171933-C, LOAN ID NO. US-KY-5227 FOR THE TOWERS, LLC, DATED MAY 23, 2024. THE FOLLOWING COMMENTS ARE IN REGARD TO SAID SEARCH AND THE NUMBERS IN THE COMMENTS CORRESPOND TO THE NUMBERING SYSTEM IN SAID REPORT.

**SCHEDULE B, PART II (EXCEPTIONS)**

1. ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I--REQUIREMENTS ARE MET (NOT A LAND SURVEYING MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
2. RIGHTS OR CLAIMS OF PARTIES IN POSSESSION NOT SHOWN BY THE PUBLIC RECORDS. (NOT A LAND SURVEYING MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
3. EASEMENTS OR CLAIMS OF EASEMENTS NOT SHOWN BY THE PUBLIC RECORDS. (POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
4. DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, ENCROACHMENTS, OVERLAPS, VARIATIONS OR SHORTAGE IN AREA OR CONTENT, PARTY WALLS AND ANY OTHER MATTERS THAT WOULD BE DISCLOSED BY A CORRECT SURVEY AND/OR PHYSICAL INSPECTION OF THE LAND. (POD GROUP, LLC DID NOT PERFORM A BOUNDARY SURVEY OF THE PARENT PARCEL, AND THEREFORE CANNOT ADDRESS THIS ITEM.)
5. ANY LIEN, OR RIGHT TO LIEN, FOR SERVICES, LABOR OR MATERIAL HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORD. (NOT A LAND SURVEYING MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
6. ANY WATER OR WELL RIGHTS, OR RIGHTS OR TITLE TO WATER OR CLAIMS THEREOF, IN, ON OR UNDER THE LAND. (POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
7. UNPATENTED MINING CLAIMS; RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN THE ACTS AUTHORIZING THE ISSUANCE OF SAID PATENTS. (POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
8. ALL TAXES, ASSESSMENTS, LEVIES AND CHARGES WHICH CONSTITUTE LIENS OR ARE DUE OR PAYABLE INCLUDING UNREDEEMED TAX SALES. (NOT A LAND SURVEYING MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
9. RIGHTS OF FEE SIMPLE OWNERS IN AND TO THE SUBJECT PROPERTY. (POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
10. EASEMENT BETWEEN MICHAEL EDWARD MANTLE AND WIFE, JACQUELINE ANN MANTLE; AND MILTON E. GRAHAM AND WIFE, CYNTHIA K. GRAHAM, DATED FEBRUARY 26, 2002 AND RECORDED SEPTEMBER 26, 2002 IN (BOOK) 119 (PAGE) 13, IN CARLISLE COUNTY, KENTUCKY. (EASEMENT IN BOOK 119, PAGE 13 CAN NOT BE PLOTTED, THEREFORE WE CAN NOT DETERMINE THE AFFECT ON THE SUBJECT PARCEL, THE LEASE AREA OR THE ACCESS & UTILITY EASEMENTS.)

**LAND SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO: THE TOWERS, LLC; VERTICAL BRIDGE REIT, LLC A DELAWARE LIMITED LIABILITY COMPANY, ITS SUBSIDIARIES, AND THEIR RESPECTIVE SUCCESSORS AND/OR ASSIGNS; TORONTO DOMINION (TEXAS) LLC, AS ADMINISTRATIVE AGENT, FOR ITSELF AND ON BEHALF OF THE LENDERS PARTIES FROM TIME TO TIME TO THAT CERTAIN SECOND AMENDED AND RESTATED LOAN AGREEMENT DATED JUNE 17, 2016 WITH VERTICAL BRIDGE HOLDCO, LLC, AS BORROWER, AND VERTICAL BRIDGE HOLDCO PARENT, LLC, AS PARENT, AS MAY BE AMENDED, RESTATED, MODIFIED OR RENEWED, THEIR SUCCESSORS AND ASSIGNS AS THEIR INTERESTS MAY APPEAR; AND TOWER TITLE, LLC.

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



MARK PATTERSON, PLS #3136

10/07/2024

DATE

PREPARED BY:



PREPARED FOR:



**REVISIONS**

REV.	DATE	DESCRIPTION
A	7.26.24	PRELIM ISSUE W/TITLE
0	10.7.24	ISSUED FINAL

SITE INFORMATION:  
**BARDWELL NORTH**  
WEBB SCHOOL ROAD  
(COUNTY ROAD 1302)  
BARDWELL, KY 42023  
CARLISLE COUNTY

**TAX PARCEL NUMBER:**  
026-00-00-002.00

**PROPERTY OWNER:**  
MICHAEL EDWARD MANTLE &  
JAQUELINE ANN MANTLE  
P.O. BOX 120  
BARDWELL, KY 42023

**SOURCE OF TITLE:**  
PARCEL V, TRACT 1 OF  
DEED BOOK 118, PAGE 496

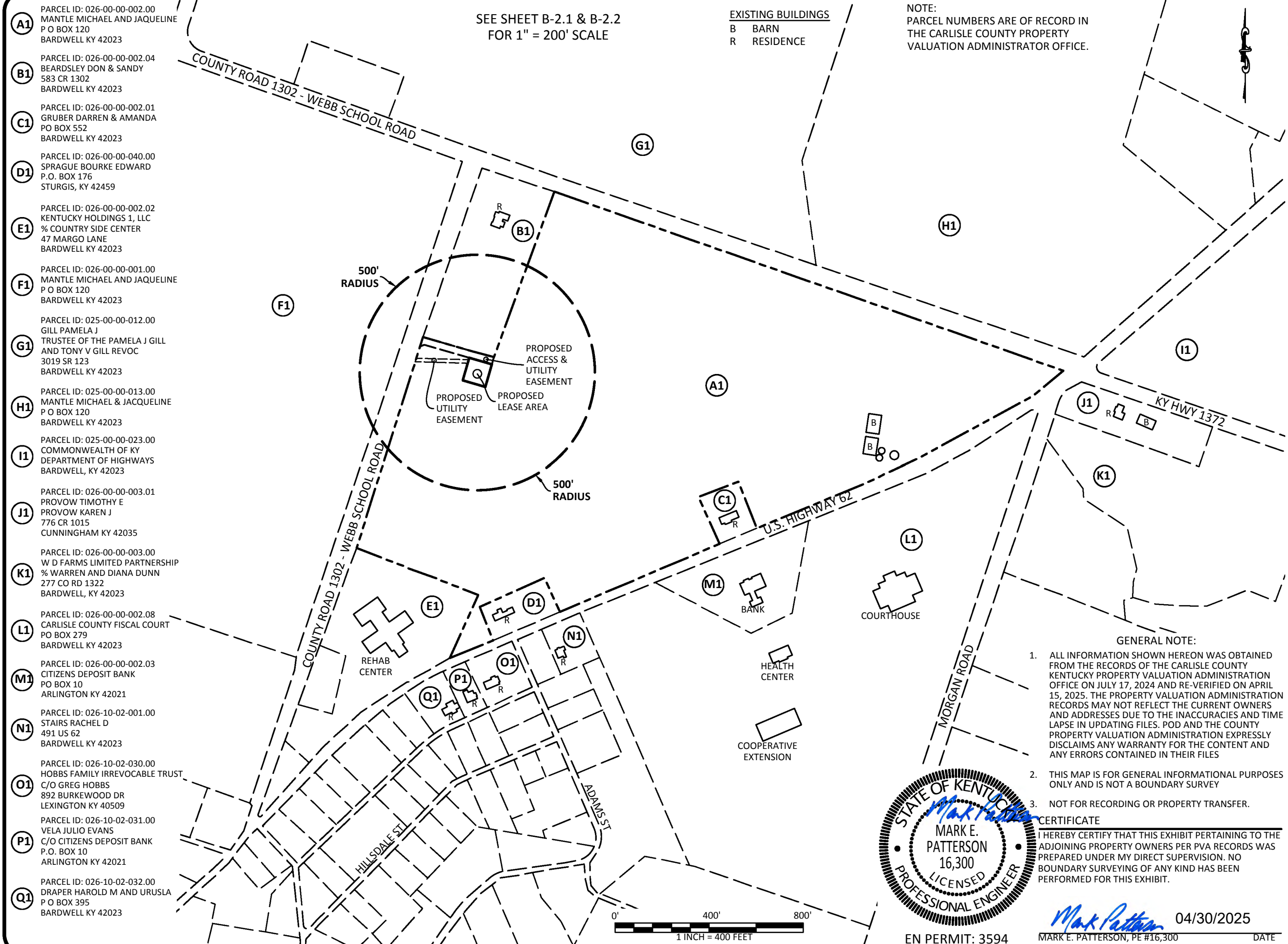
**SITE NUMBER:**  
US-KY-5227

POD NUMBER: 24-169916  
DRAWN BY: DAP  
CHECKED BY: MEP  
SURVEY DATE: 7.17.24  
PLAT DATE: 7.26.24

**SHEET TITLE:**  
**SITE SURVEY**  
THIS DOES NOT REPRESENT A  
BOUNDARY SURVEY OF THE  
PARENT PARCEL

**SHEET NUMBER:** (3 pages)  
**B-1.2**





- (A1) PARCEL ID: 026-00-00-002.00  
MANTLE MICHAEL AND JAQUELINE  
P O BOX 120  
BARDWELL KY 42023
- (B1) PARCEL ID: 026-00-00-002.04  
BEARDSLEY DON & SANDY  
583 CR 1302  
BARDWELL KY 42023
- (C1) PARCEL ID: 026-00-00-002.01  
GRUBER DARREN & AMANDA  
PO BOX 552  
BARDWELL KY 42023
- (D1) PARCEL ID: 026-00-00-040.00  
SPRAGUE BOURKE EDWARD  
P.O. BOX 176  
STURGIS, KY 42459
- (E1) PARCEL ID: 026-00-00-002.02  
KENTUCKY HOLDINGS 1, LLC  
% COUNTRY SIDE CENTER  
47 MARGO LANE  
BARDWELL KY 42023
- (F1) PARCEL ID: 026-00-00-001.00  
MANTLE MICHAEL AND JAQUELINE  
P O BOX 120  
BARDWELL KY 42023
- (G1) PARCEL ID: 025-00-00-012.00  
GILL PAMELA J  
TRUSTEE OF THE PAMELA J GILL  
AND TONY V GILL REVOC  
3019 SR 123  
BARDWELL KY 42023
- (H1) PARCEL ID: 025-00-00-013.00  
MANTLE MICHAEL & JACQUELINE  
P O BOX 120  
BARDWELL KY 42023
- (I1) PARCEL ID: 025-00-00-023.00  
COMMONWEALTH OF KY  
DEPARTMENT OF HIGHWAYS  
BARDWELL, KY 42023
- (J1) PARCEL ID: 026-00-00-003.01  
PROVOW TIMOTHY E  
PROVOW KAREN J  
776 CR 1015  
CUNNINGHAM KY 42035
- (K1) PARCEL ID: 026-00-00-003.00  
W D FARMS LIMITED PARTNERSHIP  
% WARREN AND DIANA DUNN  
277 CO RD 1322  
BARDWELL, KY 42023
- (L1) PARCEL ID: 026-00-00-002.08  
CARLISLE COUNTY FISCAL COURT  
PO BOX 279  
BARDWELL KY 42023
- (M1) PARCEL ID: 026-00-00-002.03  
CITIZENS DEPOSIT BANK  
PO BOX 10  
ARLINGTON KY 42021
- (N1) PARCEL ID: 026-10-02-001.00  
STAIRS RACHEL D  
491 US 62  
BARDWELL KY 42023
- (O1) PARCEL ID: 026-10-02-030.00  
HOBBS FAMILY IRREVOCABLE TRUST  
C/O GREG HOBBS  
892 BURKEWOOD DR  
LEXINGTON KY 40509
- (P1) PARCEL ID: 026-10-02-031.00  
VELA JULIO EVANS  
C/O CITIZENS DEPOSIT BANK  
P.O. BOX 10  
ARLINGTON KY 42021
- (Q1) PARCEL ID: 026-10-02-032.00  
DRAPER HAROLD M AND URUSLA  
P O BOX 395  
BARDWELL KY 42023

PREPARED BY:

**POD**  
POWER OF DESIGN  
11490 BLUEGRASS PARKWAY  
LOUISVILLE, KY 40299  
502-437-5252

verticalbridge  
THE TOWERS, LLC  
750 PARK OF COMMERCE DRIVE  
BOCA RATON, FLORIDA 33487  
(561) 948-6367

PREPARED FOR:

REVISIONS

REV.	DATE	DESCRIPTION
A	2.14.25	ISSUED FOR REVIEW
B	4.15.25	1" = 200' SCALE ADDED
O	4.30.25	ISSUED AS FINAL

SITE INFORMATION:  
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BARDWELL, KY 42023

SOURCE OF TITLE:  
PARCEL V, TRACT 1 OF  
DEED BOOK 118, PAGE 496

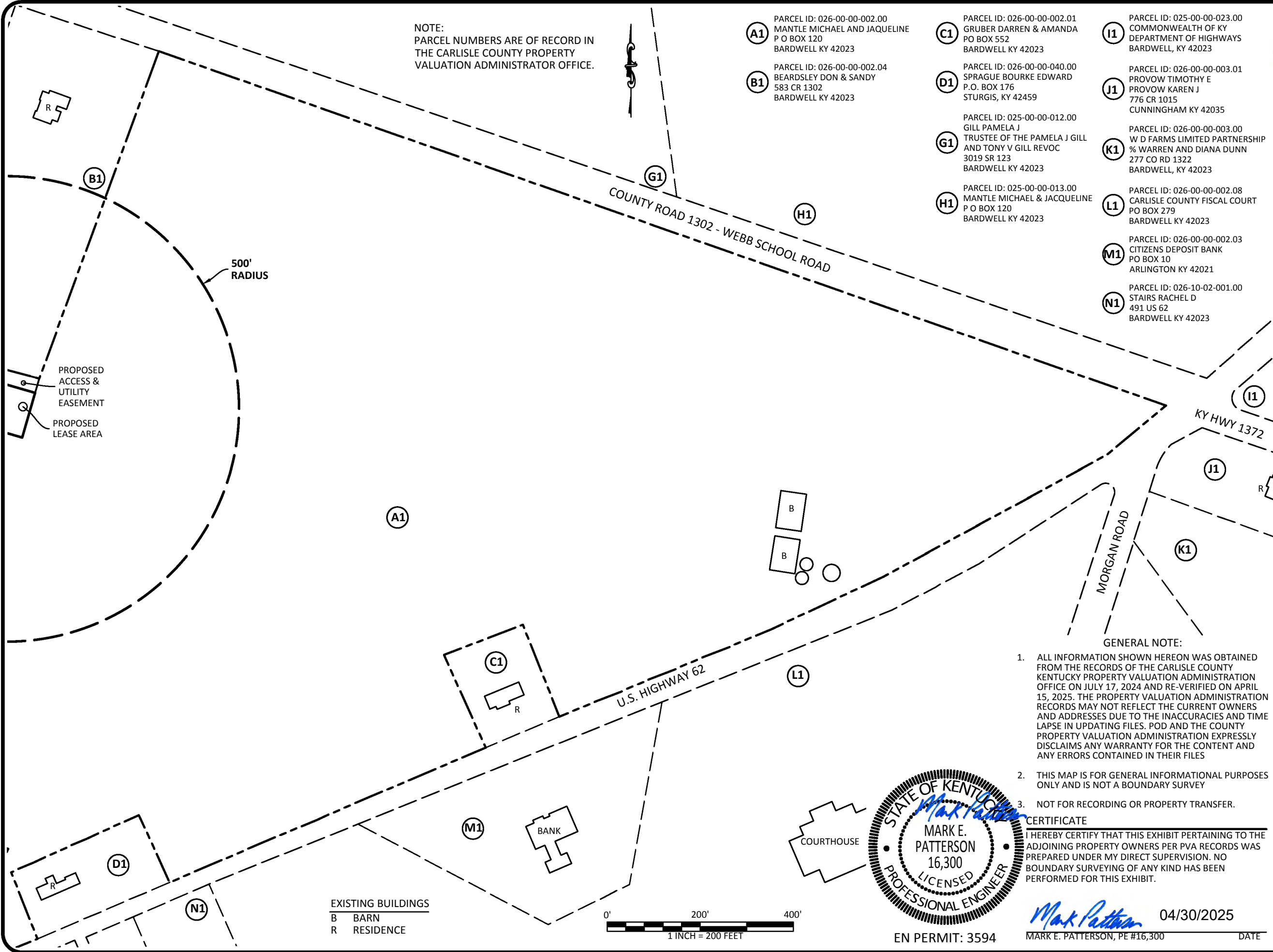
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US-KY-5227

POD NUMBER: 24-169919


DRAWN BY: DAP  
CHECKED BY: MEP  
SURVEY DATE: 7.17.24  
PLAT DATE: 2.14.25

SHEET TITLE:  
**500' RADIUS AND  
ABUTTERS MAP**

SHEET NUMBER: (3 pages)  
**B-2**



PREPARED BY:



POWER OF DESIGN

11490 BLUEGRASS PARKWAY  
LOUISVILLE, KY 40299  
502-437-5252

verticalbridge

THE TOWERS, LLC

750 PARK OF COMMERCE DRIVE  
BOCA RATON, FLORIDA 33487  
(561) 948-6367

PREPARED FOR:

REVISIONS

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B	4.15.25	1"= 200' SCALE ADDED
O	4.30.25	ISSUED AS FINAL

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CARLISLE COUNTY

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026-00-00-002.00

PROPERTY OWNER:  
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JAQUELINE ANN MANTLE  
P.O. BOX 120  
BARDWELL, KY 42023

SOURCE OF TITLE:  
PARCEL V, TRACT 1 OF  
DEED BOOK 118, PAGE 496

SITE NUMBER:  
US-KY-5227

POD NUMBER: 24-169919

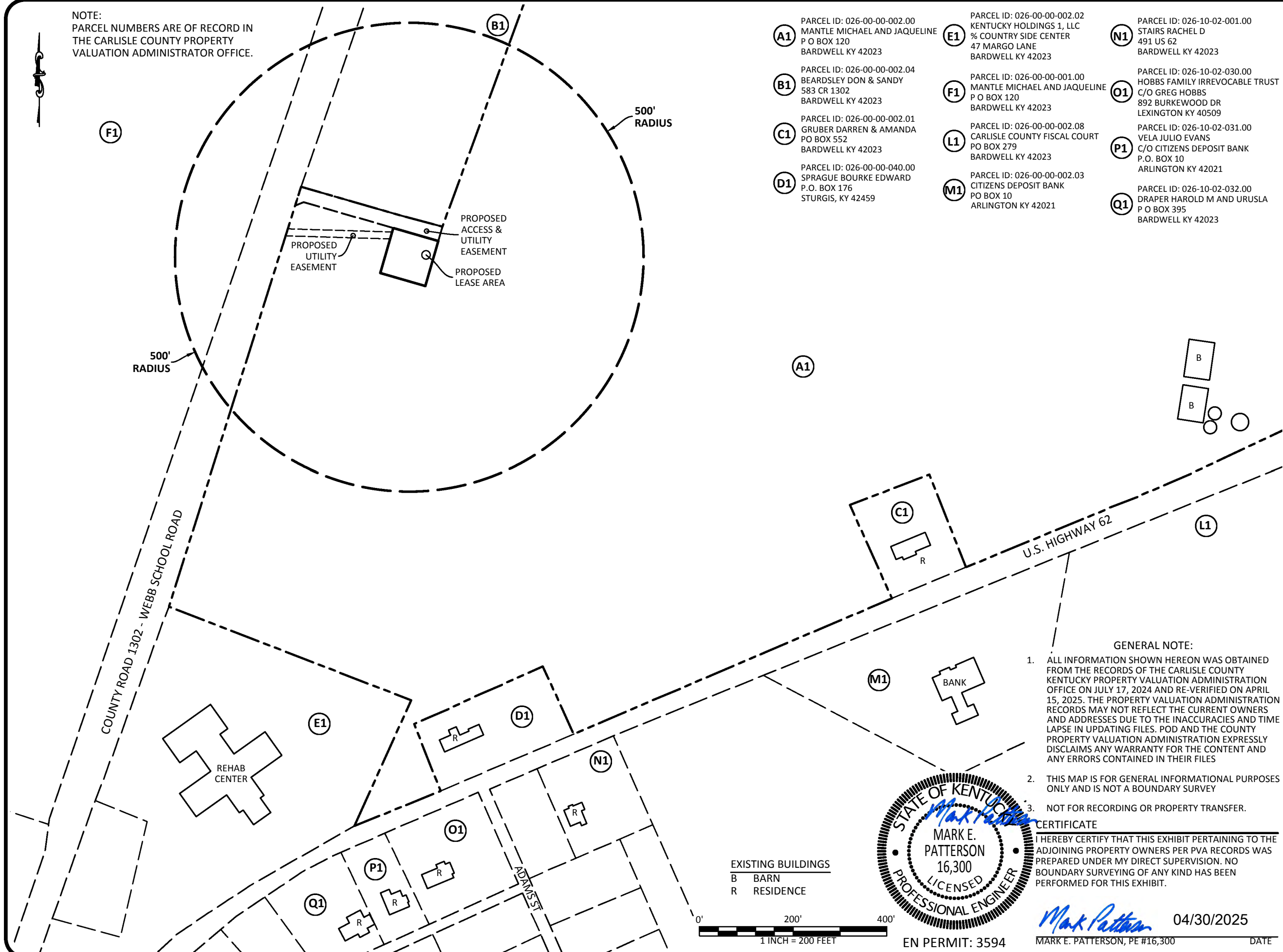
DRAWN BY: DAP  
CHECKED BY: MEP  
SURVEY DATE: 7.17.24  
PLAT DATE: 2.14.25

SHEET TITLE:

**500' RADIUS AND  
ABUTTERS MAP**

SHEET NUMBER: (3 pages)  
**B-2.1**

NOTE:  
PARCEL NUMBERS ARE OF RECORD IN  
THE CARLISLE COUNTY PROPERTY  
VALUATION ADMINISTRATOR OFFICE.



PREPARED BY:



**PREPARED FOR:**



**verticalbridge**

**THE TOWERS, LLC**

750 PARK OF COMMERCE DRIVE  
BOCA RATON, FLORIDA 33487  
(561) 948-6367

## REVISIONS

REV.	DATE	DESCRIPTION
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B	4.15.25	1"= 200' SCALE ADDED
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P.O. BOX 120  
BARDWELL, KY 42023

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DEED BOOK 118, PAGE 496

SITE NUMBER:  
US-KY-5227

POD NUMBER:	24-169919
DRAWN BY:	DAP
CHECKED BY:	MEP
SURVEY DATE:	7.17.24
PLAT DATE:	2.14.25

SHEET TITLE:

## 500' RADIUS AND ABUTTERS MAP

SHEET NUMBER: (3 pages)

## B-2.2

EN PERMIT: 3594

*Mark Patterson* 04/30/2025  
MARK E. PATTERSON, PE #16.300 DATE



DISTANCES TO PROPERTY LINES			
PROPERTY LINE	EQUIPMENT PAD	GENERATOR	LP TANK
NORTH	±80'	±63'	±99'
EAST	±1046'	±1063'	±1036'
SOUTH	±872'	±895'	±860'
WEST	±288'	±287'	±288'

PARCEL ID: 026-00-00-002.04  
DON & SANDY BEARDSLEY  
TRACT 1 OF  
DEED BOOK 123, PAGE 281

PARCEL ID: 026-00-00-002.00  
MICHAEL EDWARD MANTLE &  
JAQUELINE ANN MANTLE  
PARCEL V, TRACT 1 OF  
DEED BOOK 118, PAGE 496

COUNTY ROAD 1302  
(WEBB SCHOOL ROAD)  
(40' PUBLIC RIGHT OF WAY)  
DEED BOOK 123, PAGE 281

±252'  
TOWER LEG TO PROPERTY LINE

±603'  
TOWER LEG TO NEAREST RESIDENCE (BEYOND)

±65'  
TOWER LEG TO PROPERTY LINE

±871'  
TOWER LEG TO PROPERTY LINE (BEYOND)

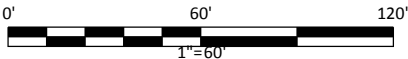
±1038'  
TOWER LEG TO PROPERTY LINE (BEYOND)

LEGEND

- PROPOSED LEASE LINE
- PROPOSED EASEMENT
- PROPOSED GRAVEL
- EXISTING GRAVEL
- PROPOSED FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PAVEMENT
- PROPERTY LINE
- ROW LINE

OVERALL SITE PLAN w/DISTANCES

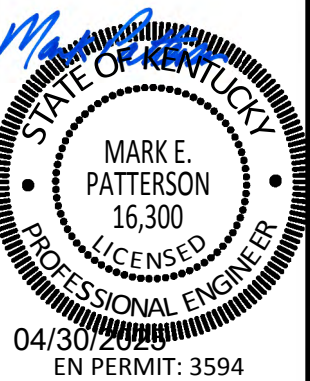
SCALE: 1" = 60'





POWER OF DESIGN  
11490 BLUEGRASS PARKWAY  
LOUISVILLE, KY 40299  
502-437-5252





ZONING  
DRAWINGS

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COUNTY ROAD 1302  
(WEBB SCHOOL ROAD)  
BARDWELL, KY 42023  
CARLISLE COUNTY

VERTICAL BRIDGE SITE NUMBER:  
**US-KY-5227**

VERIZON SITE NAME:  
**EV BARDWELL NORTH**

POD NUMBER: 24-169920  
DRAWN BY: POD  
CHECKED BY: MEP  
DATE: 2.26.25

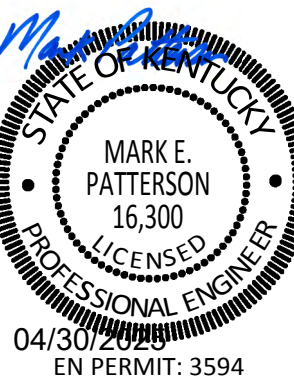
SHEET TITLE:  
**OVERALL SITE PLAN  
w/DISTANCES**

SHEET NUMBER:  
**C-1**



Know what's below.  
Call before you dig.  
Call Monday thru Friday - 7 am. to 6 pm.  
1-800-752-6007

PER KENTUCKY STATE LAW, IT IS AGAINST THE  
LAW TO EXCAVATE WITHOUT NOTIFYING THE  
UNDERGROUND LOCATION SERVICE TWO (2)  
WORKING DAYS BEFORE COMMENCING WORK.



**ZONING  
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CARLISLE COUNTY

VERTICAL BRIDGE SITE NUMBER:  
**US-KY-5227**

VERIZON SITE NAME:  
**EV BARDWELL NORTH**

POD NUMBER: 24-169920  
DRAWN BY: POD  
CHECKED BY: MEP  
DATE: 2.26.25

SHEET TITLE:

**OVERALL  
SITE PLAN**

SHEET NUMBER:

**C-1A**

PARCEL ID: 026-00-00-002.04  
DON & SANDY BEARDSLEY  
TRACT 1 OF  
DEED BOOK 123, PAGE 281

BTS GC SHALL INSTALL NEW  
12'-0" GRAVEL ACCESS DRIVE

24"x36" VEHICLE RATED  
HANDHOLE FOR  
VERIZON ONLY FIBER  
SERVICE (BTS GC)

EX. GRAVEL DRIVE

30'-0" WIDE ACCESS/UTILITY EASEMENT  
- SEE SURVEY FOR DESCRIPTION

EX. POWER POLE

15'-0" WIDE UTILITY EASEMENT  
- SEE SURVEY FOR DESCRIPTION

250' SELF-SUPPORT TOWER  
w/10' LIGHTNING ARRESTOR (BTS GC)  
-TOTAL TOWER HEIGHT 260'

PROPOSED 10,000SF VERTICAL  
BRIDGE LEASE AREA  
- SEE SURVEY FOR DESCRIPTION

PAD MOUNTED TRANSFORMER  
-FURNISHED & INSTALLED BY  
ELECTRIC PROVIDER  
-COORDINATE LOCATION AND PAD  
REQUIREMENTS WITH PROVIDER

24"x36" VEHICLE RATED  
HANDHOLE FOR  
VERIZON ONLY FIBER  
SERVICE (BTS GC)

POWER & TELCO METER  
BOARD STRUCTURE  
- INSTALLED BY BTS GC

VERIZON 4'-0"x9'-6" CONCRETE  
GENERATOR PAD (BTS GC)

VERIZON 30KW KOHLER LP  
STANDBY GENERATOR ON  
CONCRETE PAD (VZW GC)

VERIZON 6'-6 1/2"x10'-6 1/2" RADIO  
EQUIPMENT CANOPY (VZW GC)  
VERIZON 7'-6"x11'-6" CONCRETE  
RADIO EQUIPMENT PAD (BTS GC)

VERIZON 500 GAL PROPANE  
TANK W/ 10' RADIUS CLEAR  
SPACE (VZW GC)

VERIZON 3'-6"x10'-0" CONCRETE  
PROPANE TANK PAD (BTS GC)

VERIZON 500SF  
LEASE AREA

COUNTY ROAD 1302  
(WEBB SCHOOL ROAD)  
(40' PUBLIC RIGHT OF WAY)

PARCEL ID: 026-00-00-002.00  
MICHAEL EDWARD MANTLE &  
JAQUELINE ANN MANTLE  
PARCEL V, TRACT 1 OF  
DEED BOOK 118, PAGE 496

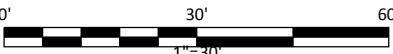
EXISTING CROPS

**LEGEND**

- UTILITY POLE
- GUY ANCHOR
- PROPOSED LEASE LINE
- PROPOSED EASEMENT
- PROPOSED GRAVEL
- PROPOSED FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING GRAVEL
- PROPERTY LINE

**OVERALL SITE PLAN**

SCALE: 1" = 30'



Call Monday thru Friday - 7 am. to 6 pm.  
1-800-752-6007

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ZONING  
DRAWINGS

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BARDWELL, KY 42023  
CARLISLE COUNTY

VERTICAL BRIDGE SITE NUMBER:  
**US-KY-5227**

VERIZON SITE NAME:  
**EV BARDWELL NORTH**

POD NUMBER: 24-169920

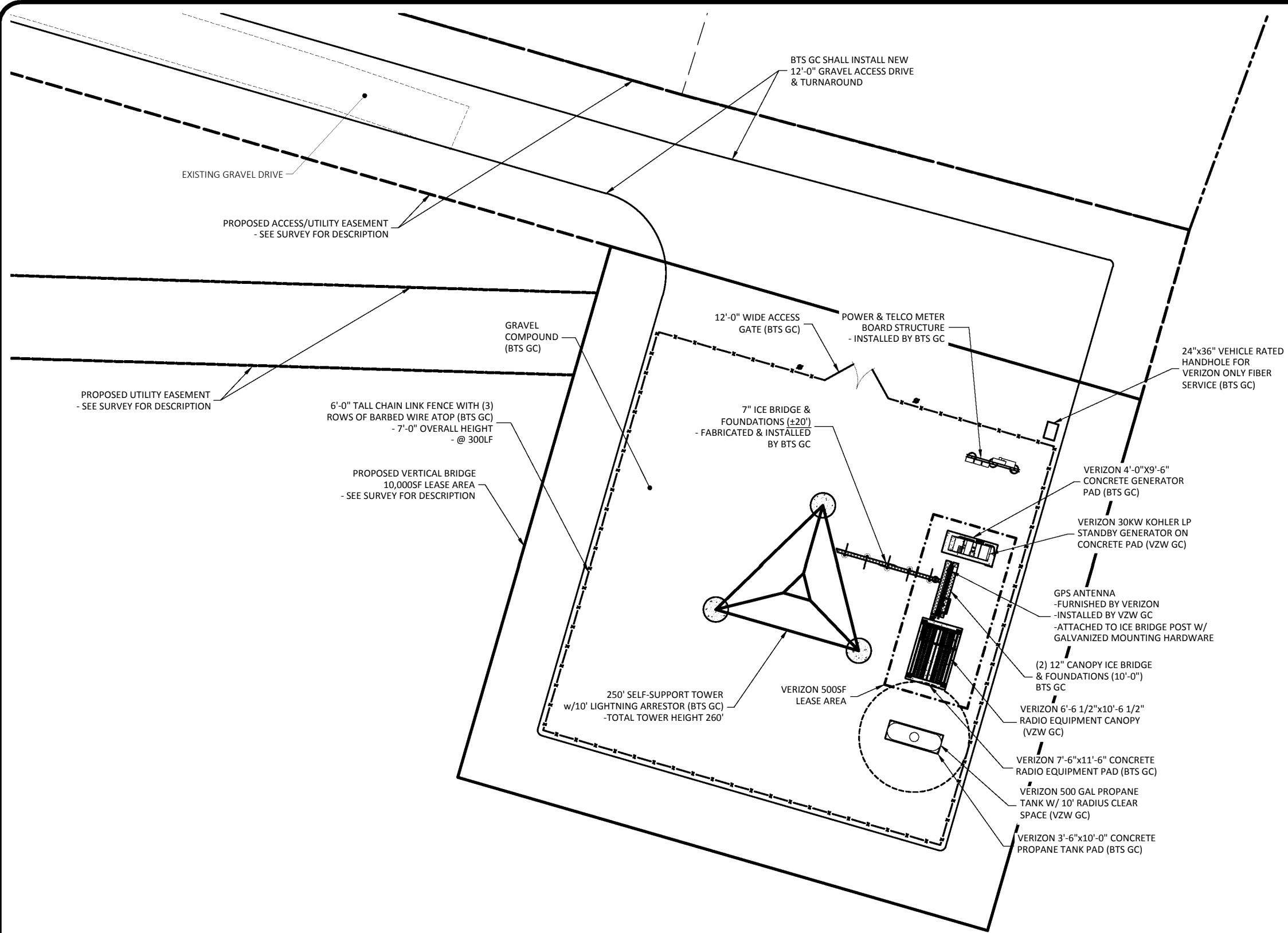
DRAWN BY: POD  
CHECKED BY: MEP  
DATE: 2.26.25

SHEET TITLE:

DETAILED SITE  
PLAN

SHEET NUMBER:

C-3

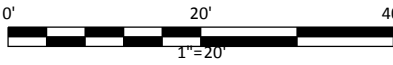


LEGEND

- UTILITY POLE
- GUY ANCHOR
- PROPOSED LEASE LINE
- PROPOSED EASEMENT
- PROPOSED GRAVEL
- PROPOSED FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING GRAVEL
- PROPERTY LINE

DETAILED SITE PLAN

SCALE: 1" = 20'

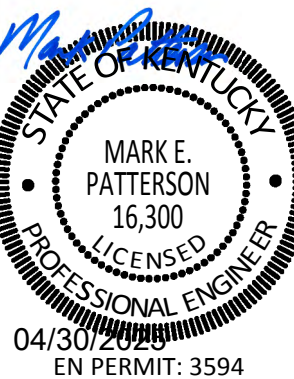


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1-800-752-6007

PER KENTUCKY STATE LAW, IT IS AGAINST THE  
LAW TO EXCAVATE WITHOUT NOTIFYING THE  
UNDERGROUND LOCATION SERVICE TWO (2)  
WORKING DAYS BEFORE COMMENCING WORK.

\*NOTE:  
GENERAL CONTRACTOR IS TO ENSURE THERE IS NO  
DISTURBANCE OF PROPERTY, SOIL, ETC. OUTSIDE  
OF THE STAKED LEASE AREA WITHOUT APPROVAL  
FROM VERIZON CONSTRUCTION MANAGER





**ZONING  
DRAWINGS**

REV.	DATE	DESCRIPTION
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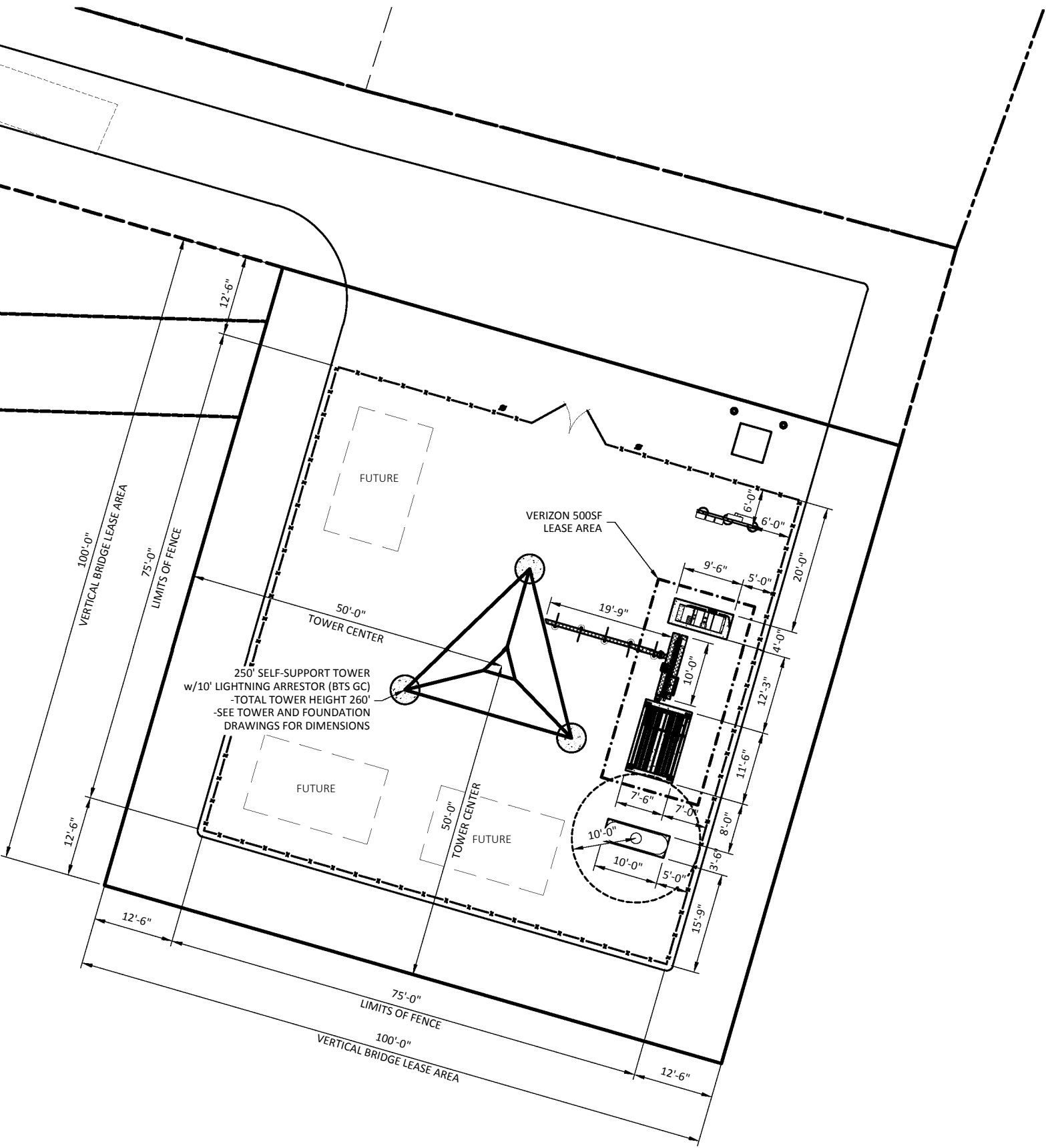
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CHECKED BY: MEP  
DATE: 2.26.25

SHEET TITLE:

**DIMENSIONED  
SITE PLAN**

SHEET NUMBER:

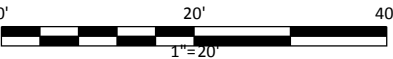
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\*NOTE:  
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DISTURBANCE OF PROPERTY, SOIL, ETC. OUTSIDE  
OF THE STAKED LEASE AREA WITHOUT APPROVAL  
FROM VERIZON CONSTRUCTION MANAGER

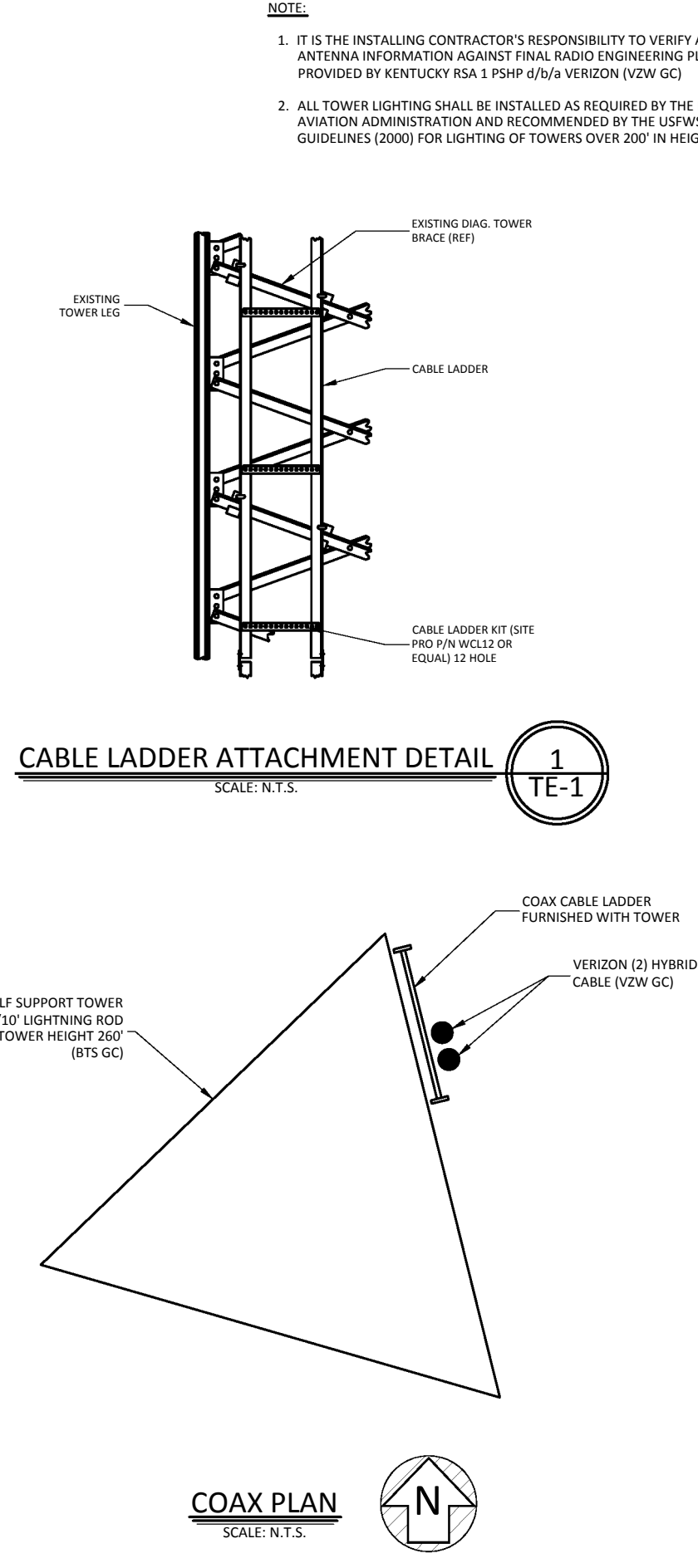
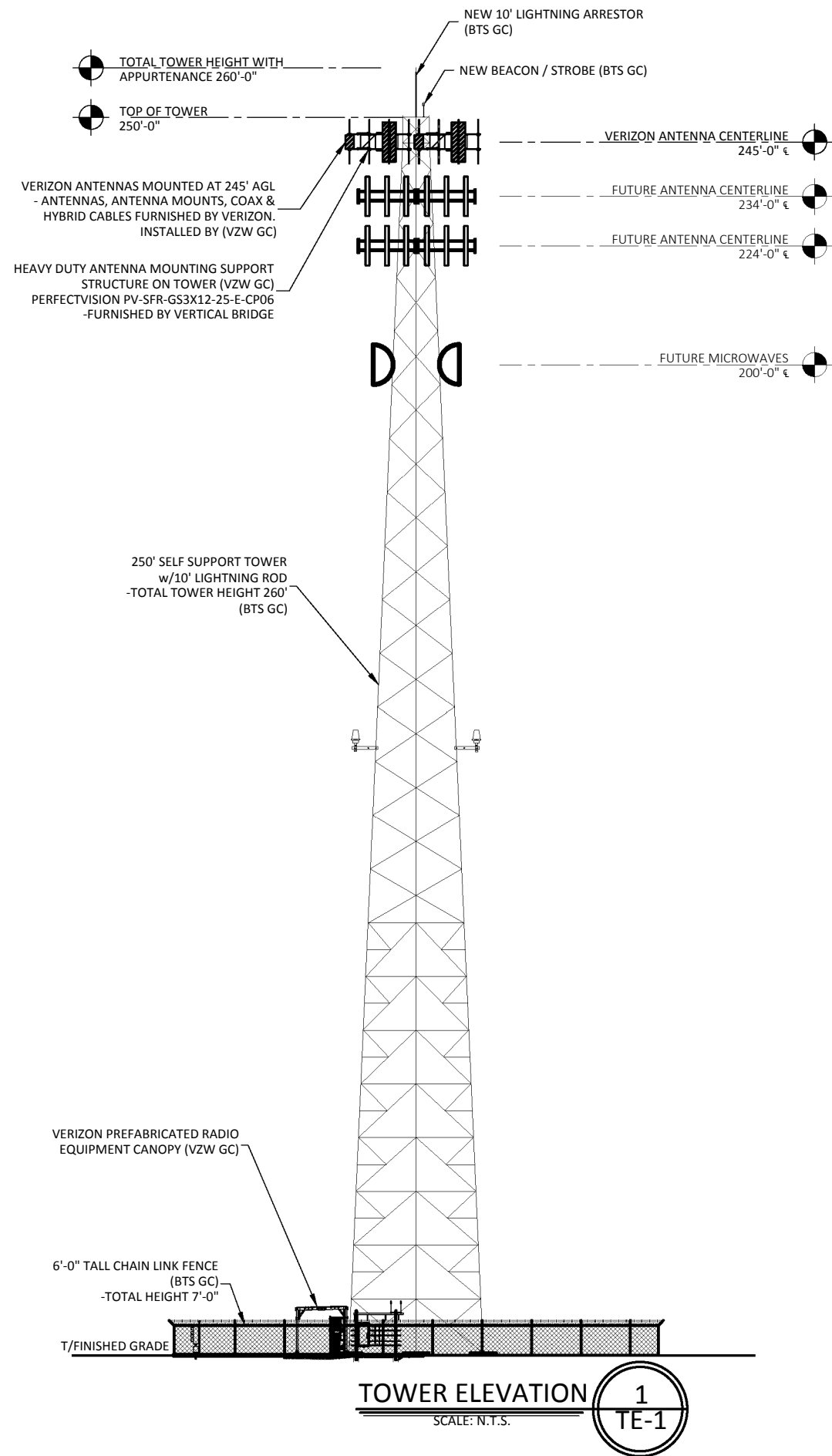
**DIMENSIONED SITE PLAN**

SCALE: 1" = 20'



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VERIZON SITE NAME:  
**EV BARDWELL NORTH**

POD NUMBER: 24-169920  
DRAWN BY: POD  
CHECKED BY: MEP  
DATE: 2.26.25

SHEET TITLE:

**TOWER  
ELEVATION**

SHEET NUMBER:  
**TE-1**

## **EXHIBIT C**

### **CONSTRUCTION MANAGER LETTER LIST OF QUALIFIED PROFESSIONALS TOWER AND FOUNDATION DESIGN**



April 23, 2025

Kentucky Public Service Commission  
P.O. Box 615, 211 Sower Boulevard  
Frankfort, Kentucky 40602-0615

RE: Site Name – Bardwell North (US-KY-5227)  
Proposed Cell Tower  
36° 53' 3.40" North Latitude, 89° 0' 20.45" West Longitude

Dear Commissioners:

The Construction Manager for the proposed new communications facility will be Adam Johnson. His contact information is (843) 817-8279 or [adam.johnson@verticalbridge.com](mailto:adam.johnson@verticalbridge.com)

Adam has been in the industry completing civil construction and constructing towers since 2017. He has worked at Vertical Bridge since 2017 completing project and construction management on new site build projects.

Thank you,

*Adam Johnson*

Adam Johnson, Construction Manager – KY/TN/NC/SC/VA Market  
The Towers, LLC  
(843) 817-8279

### **Bardwell North – List of Qualified Professionals**

Mark E. Patterson  
Kentucky Licensed Professional Engineer No. 16300  
Licensed Professional Land Surveyor, License No. 3136  
Power of Design  
11490 Bluegrass Parkway  
Louisville, KY 40299

Adam Johnson  
The Towers, LLC  
750 Park of Commerce Drive, Suite 200  
Boca Raton, FL 33487

Keith J. Tindall  
Kentucky Licensed Professional Engineer No. 20897  
Sabre Industries  
7101 Southbridge Drive  
PO Box 658  
Sioux City, IA 51102-0658

Joseph V. Borrelli, Jr., P.E.  
Kentucky Licensed Professional Engineer No. 30809  
Delta Oaks Group  
4904 Professional Court, 2<sup>nd</sup> Floor  
Raleigh, NC 27609

Sara C. Russek, P.E.  
Delta Oaks Group  
4904 Professional Court, 2<sup>nd</sup> Floor  
Raleigh, NC 27609

Antonio Ramos, RF Engineer  
Verizon Wireless  
2421 Holloway Road  
Louisville, KY 40299



## Structural Design Report

250' S3TL Series HD1 Self-Supporting Tower

Site: Bardwell North, KY

Site Number: US-KY-5227

Prepared for: VERTICAL BRIDGE REIT, LLC

by: Sabre Industries<sup>TM</sup>

Job Number: 554497

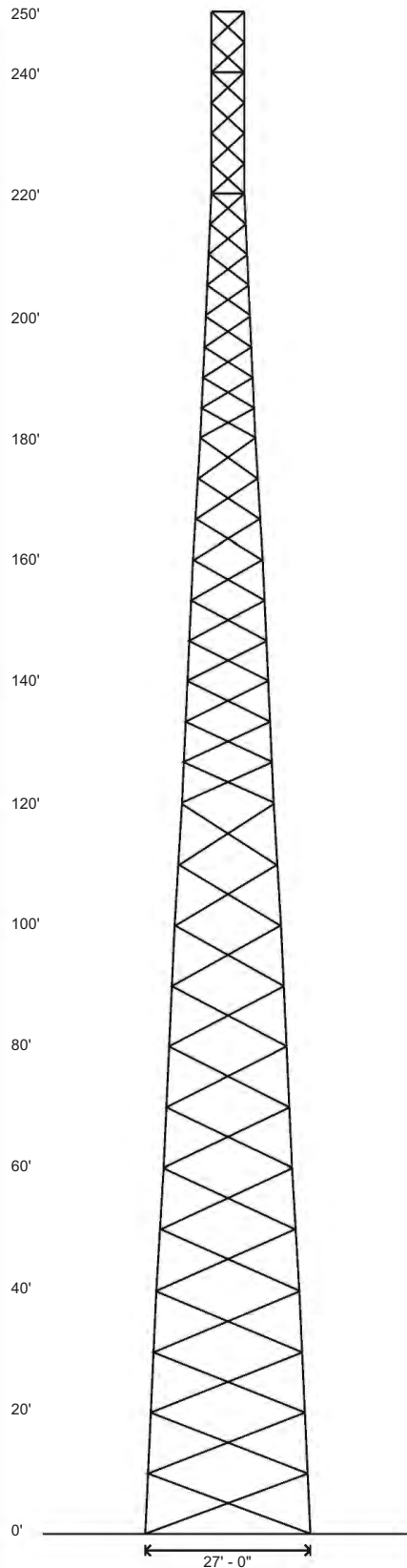
Revision C

May 1, 2025

Tower Profile.....	1-2
Foundation Design Summary.....	3
Maximum Leg Loads.....	4
Maximum Diagonal Loads.....	5
Maximum Foundation Loads.....	6
Calculations.....	7-30



Legs	8.625 OD X .500	8.625 OD X .322	5.563 OD X .500	5.563 OD X .375	A	2.875 OD X .276
Diagonals	L 4 X 4 X 1/4	L 3 1/2 X 3 1/2 X 1/4	L 2 1/2 X 2 1/2 X 3/16	L 2 X 2 X 3/16	L 2 X 2 X 1/8	L 2 X 2 X 3/16
Horizontals	NONE					
Brace Bolts	(2) 5/8"	(1) 3/4"	(1) 5/8"			
Top Face Width	25'	21'	19'	17'	15'	9'
Panel Count/Height	5466	5013	4654	3597	3009	2082
Section Weight	5466	5253	4654	3597	3009	2082
					14 @ 5'	1175
					1416	618



#### Design Criteria - ANSI/TIA-222-H

Wind Speed (No Ice)	106 mph
Wind Speed (Ice)	30 mph
Design Ice Thickness	1.50 in
Risk Category	II
Exposure Category	C
Topographic Factor Procedure	Method 1 (Simplified)
Topographic Category	1
Ground Elevation	389 ft
Seismic Importance Factor, I <sub>e</sub>	1.00
0.2-sec Spectral Response, S <sub>s</sub>	1.626 g
1-sec Spectral Response, S <sub>1</sub>	0.533 g
Site Class	D (DEFAULT)
Seismic Design Category	D
Basic Seismic Force-Resisting System	Telecommunication Tower (Truss: Steel)

#### Base Reactions - Wind/Ice

Total Foundation		Individual Footing	
Shear (kips)	64.81	Shear (kips)	40.38
Axial (kips)	238.11	Compression (kips)	451
Moment (ft-kips)	9822	Uplift (kips)	382

#### Base Reactions - Seismic

Total Foundation		Individual Footing	
Shear (kips)	24.13	Shear (kips)	18.43
Axial (kips)	122.41	Compression (kips)	250
Moment (ft-kips)	4888	Uplift (kips)	191

#### Material List

Display	Value
A	4.000 OD X .318
B	L 2 X 2 X 1/8
C	L 2 X 2 X 3/16
D	NONE

#### Notes

- 1) All legs are A500 (50 ksi Min. Yield).
- 2) All braces are A572 Grade 50.
- 3) All brace bolts are A325-X.
- 4) The tower model is S3TL Series HD1.
- 5) Transmission lines are to be attached to standard 6 hole waveguide ladders with stackable hangers.
- 6) Azimuths are relative (not based on true north).
- 7) Foundation loads shown are maximums.
- 8) All unequal angles are oriented with the short leg vertical.
- 9) Weights shown are estimates. Final weights may vary.
- 10) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2015 International Building Code.
- 11) Tower Rating: 99.74%
- 12) No grout is required under the base plates.



**Sabre Industries**  
7101 Southbridge Drive  
P.O. Box 658  
Sioux City, IA 51102-0658  
Phone: (712) 258-6690  
Fax: (712) 279-0814


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Job: **554497C**  
Customer: VERTICAL BRIDGE REIT, LLC  
Site Name: Bardwell North, KY US-KY-5227  
Description: 250' S3TL  
Date: 5/1/2025 By: KJT

### Designed Appurtenance Loading

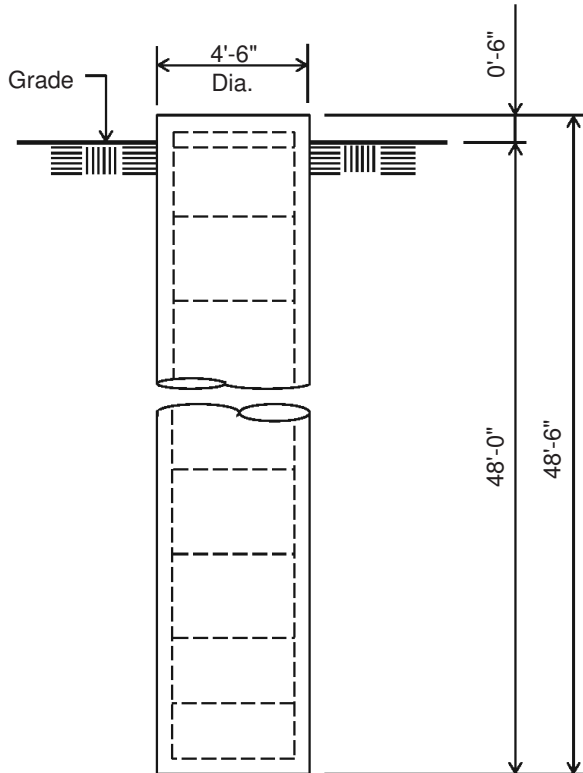
Elev	Description	Tx-Line
245	(1) 42,000 Sq. In. (Ka = 0.82) + 12,000 lb	(18) 1 5/8"
234	(1) 30,000 Sq. In. (Ka = 0.82) + 8,000 lbs	(12) 1 5/8"
224	(1) 30,000 Sq. In. (Ka = 0.82) + 8,000 lbs	(12) 1 5/8"

Elev	Description	Tx-Line
200	(2) Leg Dish Mount	
200	(2) 6" Solid Dish W/ Radome	(2) 1 5/8"

 <p><b>Sabre Industries</b> 7101 Southbridge Drive P.O. Box 658 Sioux City, IA 51102-0658 Phone: (712) 258-6690 Fax: (712) 279-0814</p> <p><small>Information contained herein is the sole property of Sabre Communications Corporation, constitutes a trade secret as defined by Iowa Code Ch. 550 and shall not be reproduced, copied or used in whole or part for any purpose whatsoever without the prior written consent of Sabre Communications Corporation.</small></p>	<b>Job:</b> 554497C
	<b>Customer:</b> VERTICAL BRIDGE REIT, LLC
	<b>Site Name:</b> Bardwell North, KY US-KY-5227
	<b>Description:</b> 250' S3TL
	<b>Date:</b> 5/1/2025 <b>By:</b> KJT



**Customer: VERTICAL BRIDGE REIT, LLC**  
**Site: Bardwell North, KY US-KY-5227**  
250 ft. Model S3TL Series HD1 Self Supporting Tower



**ELEVATION VIEW**  
(28.6 cu. yds.)  
(3 REQUIRED; NOT TO SCALE)

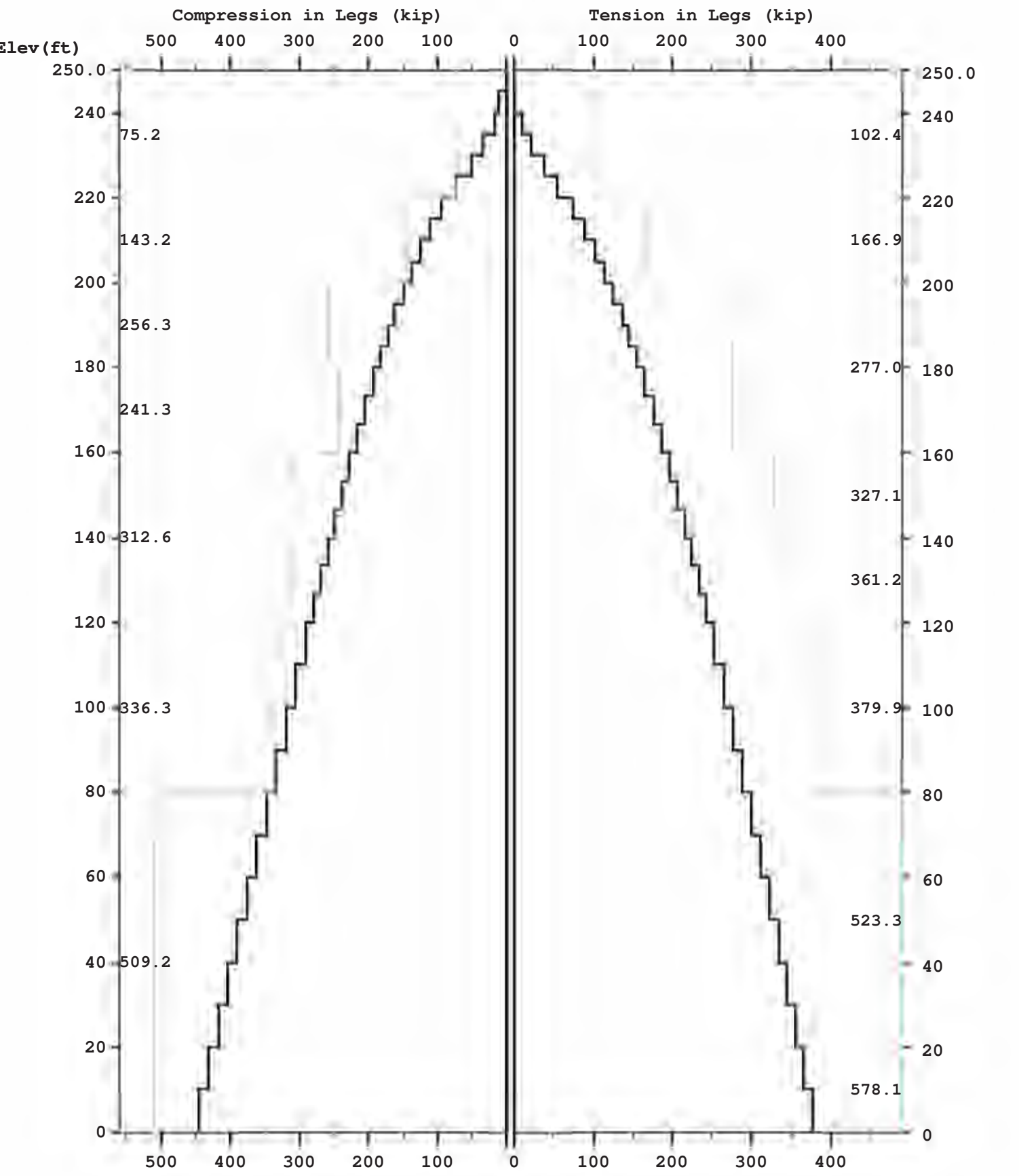
**Notes:**

- 1) Concrete shall have a minimum 28-day compressive strength of 4,500 psi, in accordance with ACI 318-14.
- 2) Rebar to conform to ASTM specification A615 Grade 60.
- 3) All rebar to have a minimum of 3" concrete cover.
- 4) All exposed concrete corners to be chamfered 3/4".
- 5) The foundation design is based on the geotechnical report by Delta Oaks Group, Project GEO24-23895-08, dated February 13, 2025.
- 6) See the geotechnical report for drilled pier installation requirements, if specified.
- 7) The bottom anchor bolt template shall be positioned as closely as possible to the bottom of the anchor bolts.
- 8) Tie overlaps shall be staggered with a nominal 180° separation.

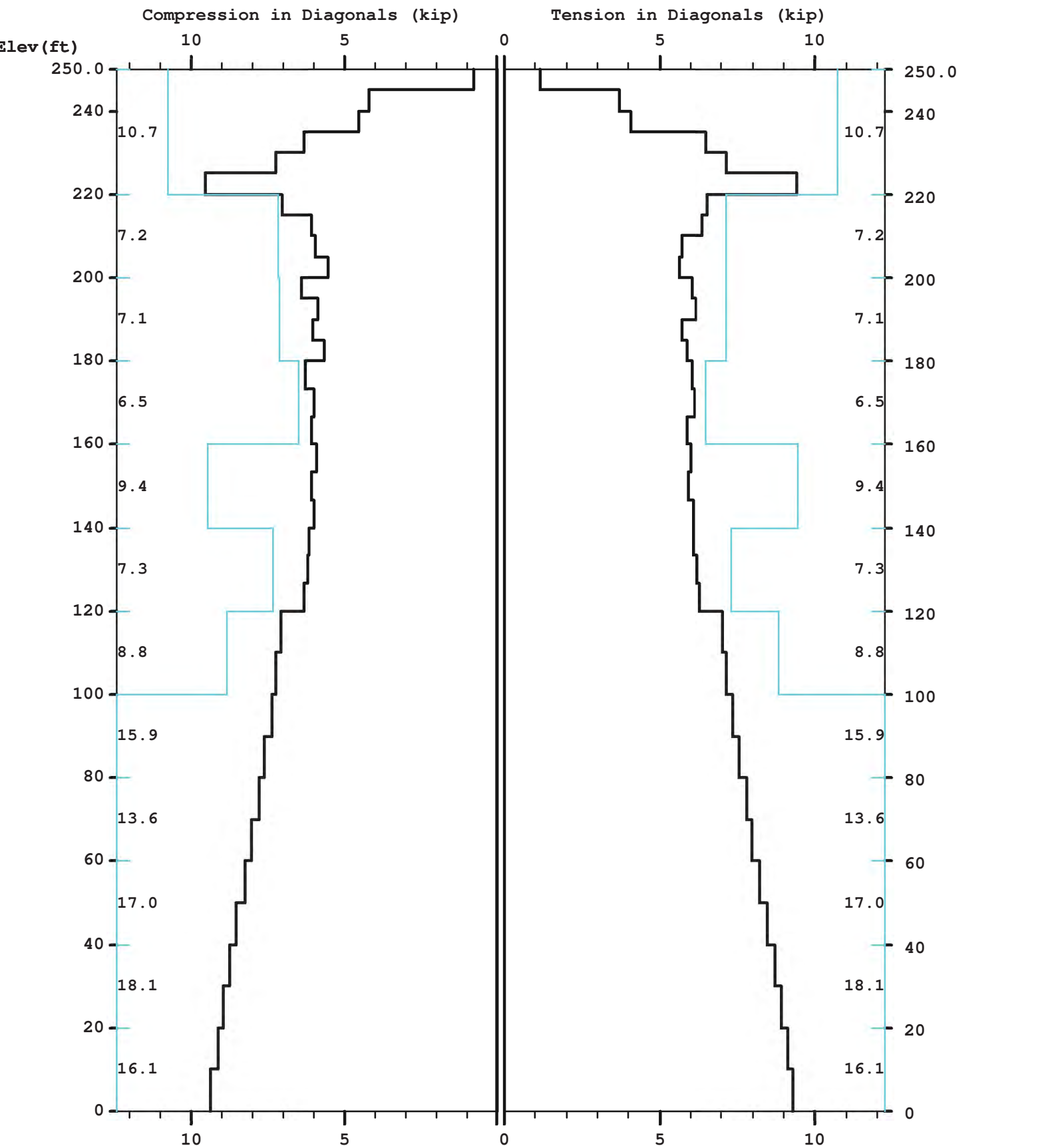
Rebar Schedule per Pier	
Pier	(14) #9 vertical rebar w/ #4 ties, two (2) within top 5" of pier then 12" C/C
Anchor Bolts per Leg	
	(6) 1.5" dia. x 78" F1554-105 on a 13.25" B.C. w/ 9.5" max. projection above concrete.

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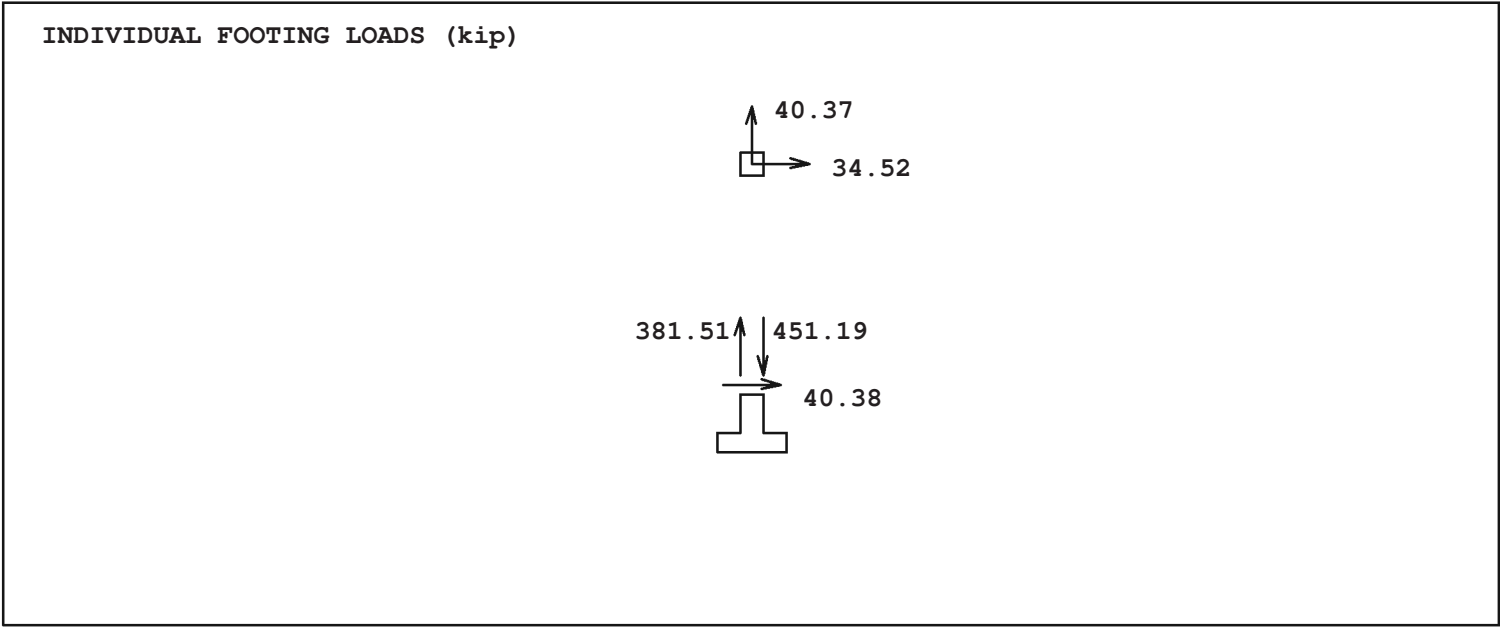
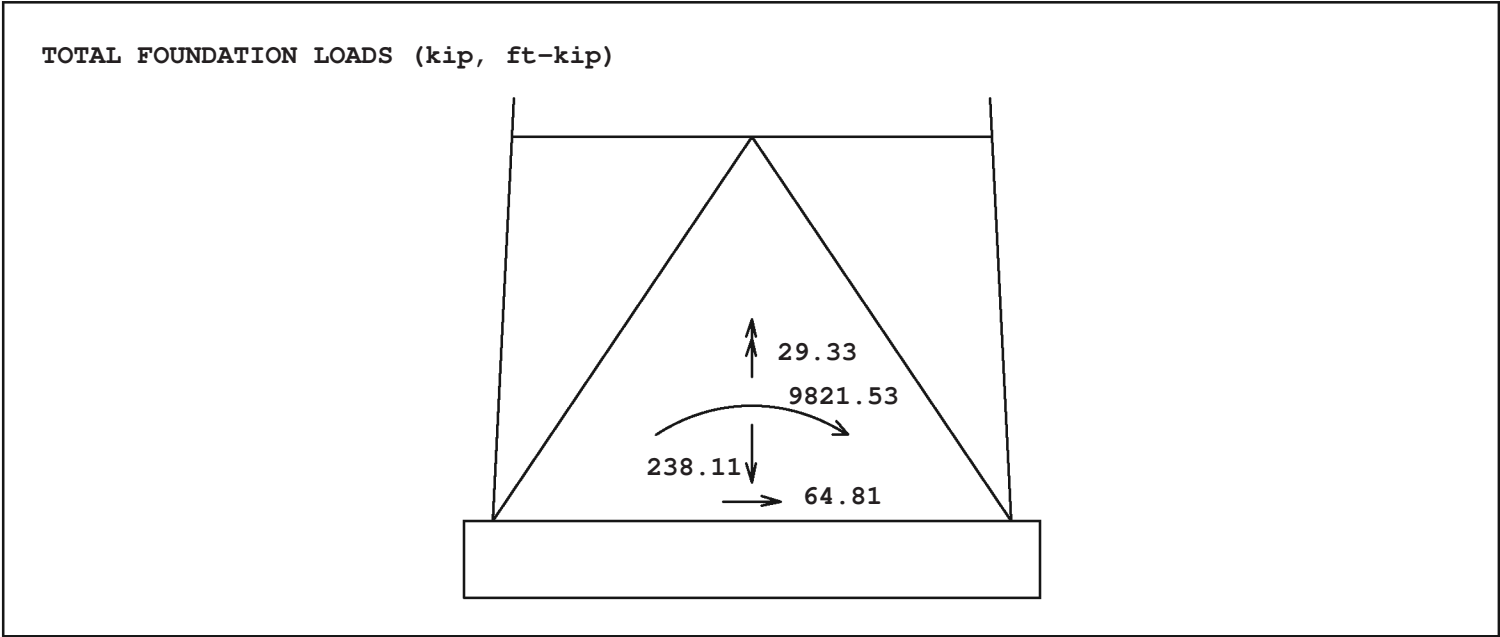
Maximum



Maximum



Maximum



Latticed Tower Analysis (Unguyed)  
Processed under license at:

(c)2024 Guymast Inc. 416-736-7453

Sabre Towers and Poles

on: 1 may 2025 at: 10:35:42

#### MAST GEOMETRY ( ft )

PANEL TYPE	NO.OF LEGS	ELEV.AT BOTTOM	ELEV.AT TOP	F.W..AT BOTTOM	F.W..AT TOP	TYPICAL PANEL HEIGHT
X	3	245.00	250.00	5.00	5.00	5.00
X	3	240.00	245.00	5.00	5.00	5.00
X	3	235.00	240.00	5.00	5.00	5.00
X	3	220.00	235.00	5.00	5.00	5.00
X	3	215.00	220.00	5.50	5.00	5.00
X	3	200.00	215.00	7.00	5.50	5.00
X	3	180.00	200.00	9.00	7.00	5.00
X	3	160.00	180.00	11.00	9.00	6.67
X	3	140.00	160.00	13.00	11.00	6.67
X	3	120.00	140.00	15.00	13.00	6.67
X	3	100.00	120.00	17.00	15.00	10.00
X	3	80.00	100.00	19.00	17.00	10.00
X	3	60.00	80.00	21.00	19.00	10.00
X	3	40.00	60.00	23.00	21.00	10.00
X	3	20.00	40.00	25.00	23.00	10.00
X	3	0.00	20.00	27.00	25.00	10.00

#### MEMBER PROPERTIES

MEMBER TYPE	BOTTOM ELEV ft	TOP ELEV ft	X-SECTN AREA in.sq	RADIUS OF GYRAT in	ELASTIC MODULUS ksi	THERMAL EXPANSN /deg
LE	220.00	250.00	2.254	0.924	29000.	0.0000117
LE	200.00	220.00	3.678	0.924	29000.	0.0000117
LE	160.00	200.00	6.111	0.924	29000.	0.0000117
LE	120.00	160.00	7.952	0.924	29000.	0.0000117
LE	80.00	120.00	8.399	0.924	29000.	0.0000117
LE	0.00	80.00	12.763	0.924	29000.	0.0000117
DI	220.00	250.00	0.715	0.617	29000.	0.0000117
DI	180.00	220.00	0.484	0.617	29000.	0.0000117
DI	160.00	180.00	0.715	0.617	29000.	0.0000117
DI	120.00	160.00	0.902	0.617	29000.	0.0000117
DI	100.00	120.00	1.090	0.617	29000.	0.0000117
DI	60.00	100.00	1.688	0.617	29000.	0.0000117
DI	0.00	60.00	1.938	0.617	29000.	0.0000117
HO	245.00	250.00	0.715	0.617	29000.	0.0000117
HO	235.00	240.00	0.715	0.617	29000.	0.0000117
HO	215.00	220.00	0.484	0.617	29000.	0.0000117

#### FACTORED MEMBER RESISTANCES

BOTTOM ELEV ft	TOP ELEV ft	LEGS		DIAGONALS		HORIZONTALS		INT BRACING	
		COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip
245.0	250.0	75.23	102.40	10.74	10.74	10.72	10.72	0.00	0.00
240.0	245.0	75.23	102.40	10.74	10.74	0.00	0.00	0.00	0.00
235.0	240.0	75.23	102.40	10.74	10.74	10.72	10.72	0.00	0.00

220.0	235.0	75.23	102.40	10.74	10.74	0.00	0.00	0.00	0.00
215.0	220.0	143.18	166.92	7.16	7.16	7.16	7.16	0.00	0.00
200.0	215.0	143.18	166.92	7.16	7.16	0.00	0.00	0.00	0.00
180.0	200.0	256.32	277.05	7.13	7.13	0.00	0.00	0.00	0.00
160.0	180.0	241.28	277.05	6.51	6.51	0.00	0.00	0.00	0.00
140.0	160.0	312.59	327.10	9.45	9.45	0.00	0.00	0.00	0.00
120.0	140.0	312.59	361.16	7.32	7.32	0.00	0.00	0.00	0.00
100.0	120.0	336.31	379.88	8.84	8.84	0.00	0.00	0.00	0.00
80.0	100.0	336.31	379.88	15.88	15.88	0.00	0.00	0.00	0.00
60.0	80.0	509.22	523.32	13.59	13.59	0.00	0.00	0.00	0.00
40.0	60.0	509.22	523.32	17.02	17.02	0.00	0.00	0.00	0.00
20.0	40.0	509.22	523.32	18.13	18.13	0.00	0.00	0.00	0.00
0.0	20.0	509.22	578.14	16.06	16.06	0.00	0.00	0.00	0.00

=====

\* Only 5 condition(s) shown in full

=====

LOADING CONDITION A =====

106 mph wind with no ice. Wind Azimuth: 0° (1.2 D + 1.0 Wo)

MAST LOADING

=====

LOAD TYPE	ELEV ft	APPLY..LOAD..AT		LOAD AZI	.....FORCES.....		.....MOMENTS.....	
		RADIUS ft	AZI		HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	245.0	0.00	0.0	0.0	7.49	14.40	0.00	0.00
C	234.0	0.00	0.0	0.0	5.30	9.60	0.00	0.00
C	224.0	0.00	0.0	0.0	5.25	9.60	0.00	0.00
D	250.0	0.00	180.0	0.0	0.06	0.06	0.00	0.00
D	245.0	0.00	180.0	0.0	0.06	0.06	0.00	0.00
D	245.0	0.00	345.7	0.0	0.10	0.09	0.04	-0.02
D	235.0	0.00	345.7	0.0	0.11	0.10	0.04	-0.02
D	235.0	0.00	359.7	0.0	0.12	0.10	0.02	-0.02
D	225.0	0.00	7.8	0.0	0.12	0.11	0.02	-0.02
D	225.0	0.00	312.4	0.0	0.15	0.12	0.03	-0.07
D	220.0	0.00	312.4	0.0	0.15	0.12	0.03	-0.07
D	220.0	0.00	313.5	0.0	0.16	0.14	0.03	-0.08
D	200.0	0.00	306.1	0.0	0.16	0.14	0.03	-0.08
D	200.0	0.00	321.2	0.0	0.17	0.17	0.05	-0.08
D	180.0	0.00	315.7	0.0	0.18	0.18	0.04	-0.08
D	180.0	0.00	326.8	0.0	0.17	0.18	0.05	-0.07
D	160.0	0.00	323.1	0.0	0.17	0.18	0.05	-0.07
D	160.0	0.00	331.3	0.0	0.18	0.22	0.06	-0.07
D	140.0	0.00	328.4	0.0	0.19	0.22	0.06	-0.07
D	140.0	0.00	334.7	0.0	0.18	0.22	0.07	-0.07
D	120.0	0.00	332.5	0.0	0.19	0.23	0.06	-0.07
D	120.0	0.00	337.3	0.0	0.18	0.23	0.08	-0.07
D	100.0	0.00	336.0	0.0	0.19	0.23	0.07	-0.07
D	100.0	0.00	339.6	0.0	0.19	0.26	0.08	-0.06
D	80.0	0.00	338.5	0.0	0.19	0.27	0.08	-0.07
D	80.0	0.00	341.5	0.0	0.19	0.32	0.09	-0.06
D	60.0	0.00	340.6	0.0	0.19	0.33	0.09	-0.06
D	60.0	0.00	343.0	0.0	0.19	0.34	0.10	-0.06
D	40.0	0.00	342.3	0.0	0.19	0.35	0.10	-0.06
D	40.0	0.00	344.4	0.0	0.18	0.35	0.11	-0.05
D	20.0	0.00	343.7	0.0	0.18	0.36	0.10	-0.05
D	20.0	0.00	345.5	0.0	0.16	0.36	0.12	-0.05
D	0.0	0.00	344.9	0.0	0.17	0.37	0.11	-0.05

ANTENNA LOADING

=====

.....ANTENNA.....				ATTACHMENT		.....ANTENNA FORCES.....			
TYPE	ELEV ft	AZI	RAD ft	AZI	AXIAL kip	SHEAR kip	GRAVITY kip	TORSION ft-kip	
STD+R	200.0	90.0	5.5	120.0	0.11	-0.34	0.24	-0.78	
STD+R	200.0	270.0	5.5	240.0	0.11	0.34	0.24	0.78	

=====

LOADING CONDITION M =====

MAST LOADING  
=====

LOAD TYPE	ELEV ft	APPLY.. RADIUS ft	LOAD..AT AZI	LOAD AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	245.0	0.00	0.0	0.0	7.49	10.80	0.00	0.00
C	234.0	0.00	0.0	0.0	5.30	7.20	0.00	0.00
C	224.0	0.00	0.0	0.0	5.25	7.20	0.00	0.00
D	250.0	0.00	180.0	0.0	0.06	0.05	0.00	0.00
D	245.0	0.00	180.0	0.0	0.06	0.05	0.00	0.00
D	245.0	0.00	345.7	0.0	0.10	0.07	0.03	-0.02
D	235.0	0.00	345.7	0.0	0.11	0.07	0.03	-0.02
D	235.0	0.00	359.7	0.0	0.12	0.08	0.02	-0.02
D	225.0	0.00	7.8	0.0	0.12	0.08	0.01	-0.02
D	225.0	0.00	312.4	0.0	0.15	0.09	0.02	-0.07
D	220.0	0.00	312.4	0.0	0.15	0.09	0.02	-0.07
D	220.0	0.00	313.5	0.0	0.16	0.11	0.03	-0.08
D	200.0	0.00	306.1	0.0	0.16	0.10	0.02	-0.08
D	200.0	0.00	321.2	0.0	0.17	0.13	0.03	-0.08
D	180.0	0.00	315.7	0.0	0.18	0.13	0.03	-0.08
D	180.0	0.00	326.8	0.0	0.17	0.14	0.04	-0.07
D	160.0	0.00	323.1	0.0	0.17	0.14	0.04	-0.07
D	160.0	0.00	331.3	0.0	0.18	0.16	0.05	-0.07
D	140.0	0.00	328.4	0.0	0.19	0.17	0.04	-0.07
D	140.0	0.00	334.7	0.0	0.18	0.17	0.05	-0.07
D	120.0	0.00	332.5	0.0	0.19	0.17	0.05	-0.07
D	120.0	0.00	337.3	0.0	0.18	0.17	0.06	-0.07
D	100.0	0.00	336.0	0.0	0.19	0.17	0.05	-0.07
D	100.0	0.00	339.6	0.0	0.19	0.20	0.06	-0.06
D	80.0	0.00	338.5	0.0	0.19	0.20	0.06	-0.07
D	80.0	0.00	341.5	0.0	0.19	0.24	0.07	-0.06
D	60.0	0.00	340.6	0.0	0.19	0.24	0.07	-0.06
D	60.0	0.00	343.0	0.0	0.19	0.26	0.07	-0.06
D	40.0	0.00	342.3	0.0	0.19	0.26	0.07	-0.06
D	40.0	0.00	344.4	0.0	0.18	0.26	0.08	-0.05
D	20.0	0.00	343.7	0.0	0.18	0.27	0.08	-0.05
D	20.0	0.00	345.5	0.0	0.16	0.27	0.09	-0.05
D	0.0	0.00	344.9	0.0	0.17	0.28	0.08	-0.05

ANTENNA LOADING  
=====

.....ANTENNA.....				ATTACHMENT		.....ANTENNA FORCES.....			
TYPE	ELEV ft	AZI	RAD ft	AZI	AXIAL kip	SHEAR kip	GRAVITY kip	TORSION ft-kip	
STD+R	200.0	90.0	5.5	120.0	0.11	-0.34	0.18	-0.78	
STD+R	200.0	270.0	5.5	240.0	0.11	0.34	0.18	0.78	

=====

LOADING CONDITION Y =====

30 mph wind with 1.5 ice. Wind Azimuth: 0° (1.2 D + 1.0 Di + 1.0 Wi)

# MAST LOADING

=====

LOAD TYPE	ELEV ft	APPLY...LOAD...AT RADIUS ft	AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	245.0	0.00	0.0	0.0	1.04	36.40	0.00	0.00
C	234.0	0.00	0.0	0.0	0.73	24.20	0.00	0.00
C	224.0	0.00	0.0	0.0	0.73	24.13	0.00	0.00
D	250.0	0.00	180.0	0.0	0.01	0.20	0.00	0.00
D	245.0	0.00	180.0	0.0	0.01	0.20	0.00	0.00
D	245.0	0.00	353.8	0.0	0.01	0.30	0.17	0.00
D	240.0	0.00	353.8	0.0	0.01	0.30	0.17	0.00
D	240.0	0.00	353.8	0.0	0.01	0.34	0.17	0.00
D	235.0	0.00	353.8	0.0	0.01	0.34	0.17	0.00
D	235.0	0.00	1.1	0.0	0.01	0.36	0.07	0.00
D	230.0	0.00	1.1	0.0	0.01	0.36	0.07	0.00
D	230.0	0.00	7.8	0.0	0.01	0.37	0.05	0.00
D	225.0	0.00	7.8	0.0	0.01	0.37	0.05	0.00
D	225.0	0.00	309.3	0.0	0.02	0.43	0.11	-0.01
D	220.0	0.00	309.3	0.0	0.02	0.43	0.11	-0.01
D	220.0	0.00	313.6	0.0	0.02	0.50	0.15	-0.01
D	215.0	0.00	313.6	0.0	0.02	0.50	0.15	-0.01
D	215.0	0.00	311.1	0.0	0.02	0.47	0.15	-0.01
D	200.0	0.00	306.2	0.0	0.02	0.48	0.14	-0.01
D	200.0	0.00	321.2	0.0	0.02	0.53	0.20	-0.01
D	180.0	0.00	315.7	0.0	0.02	0.55	0.18	-0.01
D	180.0	0.00	326.8	0.0	0.02	0.54	0.23	-0.01
D	173.3	0.00	326.8	0.0	0.02	0.54	0.23	-0.01
D	173.3	0.00	325.0	0.0	0.02	0.54	0.22	-0.01
D	166.7	0.00	325.0	0.0	0.02	0.54	0.22	-0.01
D	166.7	0.00	323.1	0.0	0.02	0.55	0.21	-0.01
D	160.0	0.00	323.1	0.0	0.02	0.55	0.21	-0.01
D	160.0	0.00	331.3	0.0	0.02	0.60	0.26	-0.01
D	153.3	0.00	331.3	0.0	0.02	0.60	0.26	-0.01
D	153.3	0.00	329.9	0.0	0.02	0.61	0.25	-0.01
D	146.7	0.00	329.9	0.0	0.02	0.61	0.25	-0.01
D	146.7	0.00	328.5	0.0	0.02	0.61	0.24	-0.01
D	140.0	0.00	328.5	0.0	0.02	0.61	0.24	-0.01
D	140.0	0.00	334.7	0.0	0.02	0.62	0.29	-0.01
D	120.0	0.00	332.5	0.0	0.02	0.63	0.27	-0.01
D	120.0	0.00	337.3	0.0	0.02	0.62	0.32	-0.01
D	110.0	0.00	337.3	0.0	0.02	0.62	0.32	-0.01
D	110.0	0.00	336.0	0.0	0.02	0.63	0.30	-0.01
D	100.0	0.00	336.0	0.0	0.02	0.63	0.30	-0.01
D	100.0	0.00	339.6	0.0	0.02	0.68	0.34	-0.01
D	80.0	0.00	338.5	0.0	0.02	0.69	0.33	-0.01
D	80.0	0.00	341.5	0.0	0.02	0.74	0.37	-0.01
D	60.0	0.00	340.6	0.0	0.02	0.75	0.36	-0.01
D	60.0	0.00	343.0	0.0	0.02	0.78	0.39	-0.01
D	40.0	0.00	342.3	0.0	0.02	0.79	0.38	-0.01
D	40.0	0.00	344.4	0.0	0.02	0.78	0.41	0.00
D	20.0	0.00	343.7	0.0	0.02	0.79	0.40	-0.01
D	20.0	0.00	345.5	0.0	0.02	0.64	0.19	0.00
D	10.0	0.00	345.5	0.0	0.02	0.64	0.19	0.00
D	10.0	0.00	344.9	0.0	0.02	0.71	0.34	0.00
D	0.0	0.00	344.9	0.0	0.02	0.71	0.34	0.00

# ANTENNA LOADING

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.....ANTENNA.....	ATTACHMENT				.....ANTENNA FORCES.....			
TYPE	ELEV	AZI	RAD	AZI	AXIAL	SHEAR	GRAVITY	TORSION
	ft		ft		kip	kip	kip	ft-kip
STD+R	200.0	90.0	5.5	120.0	0.01	-0.03	0.81	-0.07
STD+R	200.0	270.0	5.5	240.0	0.01	0.03	0.81	0.07

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LOADING CONDITION k =====

Seismic - Azimuth: 00 (1.2 D + 1.0 Ev + 1.0 Eh)

MAST LOADING

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LOAD	ELEV	APPLY..LOAD..AT	LOAD	.....FORCES.....		.....MOMENTS.....	
TYPE	ft	RADIUS	AZI	AZI	HORIZ	DOWN	TORSNAL
		ft			kip	kip	ft-kip
C	245.0	0.00	0.0	0.0	6.29	17.52	0.00
C	245.0	0.00	0.0	0.0	0.32	0.90	0.00
C	242.5	0.00	0.0	0.0	0.03	0.07	0.00
C	242.5	0.00	0.0	0.0	0.04	0.12	0.00
C	237.0	0.00	0.0	0.0	0.05	0.14	0.00
C	237.0	0.00	0.0	0.0	0.03	0.09	0.00
C	234.0	0.00	0.0	0.0	3.95	11.68	0.00
C	230.0	0.00	0.0	0.0	0.57	1.72	0.00
C	229.0	0.00	0.0	0.0	0.05	0.15	0.00
C	229.0	0.00	0.0	0.0	0.08	0.24	0.00
C	229.0	0.00	0.0	0.0	0.08	0.24	0.00
C	224.0	0.00	0.0	0.0	3.73	11.68	0.00
C	222.0	0.00	0.0	0.0	0.02	0.06	0.00
C	222.0	0.00	0.0	0.0	0.03	0.10	0.00
C	222.0	0.00	0.0	0.0	0.03	0.10	0.00
C	222.0	0.00	0.0	0.0	0.03	0.10	0.00
C	210.0	0.00	0.0	0.0	0.09	0.30	0.00
C	210.0	0.00	0.0	0.0	0.14	0.48	0.00
C	210.0	0.00	0.0	0.0	0.61	2.07	0.00
C	210.0	0.00	0.0	0.0	0.14	0.48	0.00
C	210.0	0.00	0.0	0.0	0.14	0.48	0.00
C	200.0	0.00	0.0	0.0	0.02	0.07	0.00
C	200.0	0.00	0.0	0.0	0.02	0.07	0.00
C	200.0	0.00	0.0	0.0	0.14	0.53	0.00
C	200.0	0.00	0.0	0.0	0.14	0.53	0.00
C	200.0	0.00	0.0	0.0	0.12	0.45	0.00
C	200.0	0.00	0.0	0.0	0.12	0.45	0.00
C	190.0	0.00	0.0	0.0	0.09	0.36	0.00
C	190.0	0.00	0.0	0.0	0.12	0.48	0.00
C	190.0	0.00	0.0	0.0	0.12	0.48	0.00
C	190.0	0.00	0.0	0.0	0.73	2.81	0.00
C	190.0	0.00	0.0	0.0	0.12	0.48	0.00
C	170.0	0.00	0.0	0.0	0.11	0.48	0.00
C	170.0	0.00	0.0	0.0	0.08	0.36	0.00
C	170.0	0.00	0.0	0.0	0.11	0.48	0.00
C	170.0	0.00	0.0	0.0	0.11	0.48	0.00
C	170.0	0.00	0.0	0.0	0.68	3.04	0.00
C	150.0	0.00	0.0	0.0	0.07	0.36	0.00
C	150.0	0.00	0.0	0.0	0.09	0.48	0.00
C	150.0	0.00	0.0	0.0	0.09	0.48	0.00
C	150.0	0.00	0.0	0.0	0.75	3.94	0.00
C	150.0	0.00	0.0	0.0	0.09	0.48	0.00
C	130.0	0.00	0.0	0.0	0.08	0.48	0.00
C	130.0	0.00	0.0	0.0	0.06	0.36	0.00
C	130.0	0.00	0.0	0.0	0.69	4.34	0.00
C	130.0	0.00	0.0	0.0	0.08	0.48	0.00
C	130.0	0.00	0.0	0.0	0.08	0.48	0.00
C	110.0	0.00	0.0	0.0	0.06	0.48	0.00

C	110.0	0.00	0.0	0.0	0.06	0.48	0.00	0.00
C	110.0	0.00	0.0	0.0	0.06	0.48	0.00	0.00
C	110.0	0.00	0.0	0.0	0.05	0.36	0.00	0.00
C	110.0	0.00	0.0	0.0	0.56	4.39	0.00	0.00
C	90.0	0.00	0.0	0.0	0.05	0.48	0.00	0.00
C	90.0	0.00	0.0	0.0	0.05	0.48	0.00	0.00
C	90.0	0.00	0.0	0.0	0.05	0.48	0.00	0.00
C	90.0	0.00	0.0	0.0	0.04	0.36	0.00	0.00
C	90.0	0.00	0.0	0.0	0.52	5.25	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.48	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.48	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.36	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.48	0.00	0.00
C	70.0	0.00	0.0	0.0	0.48	6.80	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.36	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.48	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.48	0.00	0.00
C	50.0	0.00	0.0	0.0	0.34	7.32	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.48	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.48	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.36	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.48	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.48	0.00	0.00
C	30.0	0.00	0.0	0.0	0.18	7.67	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.48	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.48	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.48	0.00	0.00
C	10.0	0.00	0.0	0.0	0.05	7.98	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.36	0.00	0.00
D	250.0	0.00	180.0	180.0	0.00	0.00	0.00	0.00
D	0.0	0.00	180.0	180.0	0.00	0.00	0.00	0.00

# ANTENNA LOADING

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.....ANTENNA.....	ATTACHMENT				.....ANTENNA FORCES.....			
TYPE	ELEV	AZI	RAD	AZI	AXIAL	SHEAR	GRAVITY	TORSION
	ft		ft		kip	kip	kip	ft-kip
STD+R	200.0	90.0	5.5	120.0	0.00	0.00	0.00	0.00
STD+R	200.0	270.0	5.5	240.0	0.00	0.00	0.00	0.00

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LOADING CONDITION n =====

Seismic - Azimuth: 00 (0.9 D - 1.0 Ev + 1.0 Eh)

# MAST LOADING

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LOAD	ELEV	APPLY..LOAD..AT	LOAD	.....FORCES.....		.....MOMENTS.....	
TYPE	ft	RADIUS	AZI	AZI	HORIZ	DOWN	VERTICAL
		ft			kip	kip	ft-kip
C	245.0	0.00	0.0	0.0	6.29	7.68	0.00
C	245.0	0.00	0.0	0.0	0.32	0.40	0.00
C	242.5	0.00	0.0	0.0	0.03	0.03	0.00
C	242.5	0.00	0.0	0.0	0.04	0.05	0.00
C	237.0	0.00	0.0	0.0	0.05	0.06	0.00
C	237.0	0.00	0.0	0.0	0.03	0.04	0.00
C	234.0	0.00	0.0	0.0	3.95	5.12	0.00
C	230.0	0.00	0.0	0.0	0.57	0.75	0.00
C	229.0	0.00	0.0	0.0	0.05	0.07	0.00
C	229.0	0.00	0.0	0.0	0.08	0.11	0.00
C	229.0	0.00	0.0	0.0	0.08	0.11	0.00
C	224.0	0.00	0.0	0.0	3.73	5.12	0.00

C	222.0	0.00	0.0	0.0	0.02	0.03	0.00	0.00
C	222.0	0.00	0.0	0.0	0.03	0.04	0.00	0.00
C	222.0	0.00	0.0	0.0	0.03	0.04	0.00	0.00
C	222.0	0.00	0.0	0.0	0.03	0.04	0.00	0.00
C	210.0	0.00	0.0	0.0	0.09	0.13	0.00	0.00
C	210.0	0.00	0.0	0.0	0.14	0.21	0.00	0.00
C	210.0	0.00	0.0	0.0	0.61	0.91	0.00	0.00
C	210.0	0.00	0.0	0.0	0.14	0.21	0.00	0.00
C	210.0	0.00	0.0	0.0	0.14	0.21	0.00	0.00
C	200.0	0.00	0.0	0.0	0.02	0.03	0.00	0.00
C	200.0	0.00	0.0	0.0	0.02	0.03	0.00	0.00
C	200.0	0.00	0.0	0.0	0.14	0.23	0.00	0.00
C	200.0	0.00	0.0	0.0	0.14	0.23	0.00	0.00
C	200.0	0.00	0.0	0.0	0.12	0.20	0.00	0.00
C	200.0	0.00	0.0	0.0	0.12	0.20	0.00	0.00
C	190.0	0.00	0.0	0.0	0.09	0.16	0.00	0.00
C	190.0	0.00	0.0	0.0	0.12	0.21	0.00	0.00
C	190.0	0.00	0.0	0.0	0.12	0.21	0.00	0.00
C	190.0	0.00	0.0	0.0	0.73	1.23	0.00	0.00
C	190.0	0.00	0.0	0.0	0.12	0.21	0.00	0.00
C	170.0	0.00	0.0	0.0	0.11	0.21	0.00	0.00
C	170.0	0.00	0.0	0.0	0.08	0.16	0.00	0.00
C	170.0	0.00	0.0	0.0	0.11	0.21	0.00	0.00
C	170.0	0.00	0.0	0.0	0.11	0.21	0.00	0.00
C	170.0	0.00	0.0	0.0	0.68	1.33	0.00	0.00
C	150.0	0.00	0.0	0.0	0.07	0.16	0.00	0.00
C	150.0	0.00	0.0	0.0	0.09	0.21	0.00	0.00
C	150.0	0.00	0.0	0.0	0.09	0.21	0.00	0.00
C	150.0	0.00	0.0	0.0	0.75	1.73	0.00	0.00
C	150.0	0.00	0.0	0.0	0.09	0.21	0.00	0.00
C	130.0	0.00	0.0	0.0	0.08	0.21	0.00	0.00
C	130.0	0.00	0.0	0.0	0.06	0.16	0.00	0.00
C	130.0	0.00	0.0	0.0	0.69	1.90	0.00	0.00
C	130.0	0.00	0.0	0.0	0.08	0.21	0.00	0.00
C	130.0	0.00	0.0	0.0	0.08	0.21	0.00	0.00
C	110.0	0.00	0.0	0.0	0.06	0.21	0.00	0.00
C	110.0	0.00	0.0	0.0	0.06	0.21	0.00	0.00
C	110.0	0.00	0.0	0.0	0.06	0.21	0.00	0.00
C	110.0	0.00	0.0	0.0	0.05	0.16	0.00	0.00
C	110.0	0.00	0.0	0.0	0.56	1.93	0.00	0.00
C	90.0	0.00	0.0	0.0	0.05	0.21	0.00	0.00
C	90.0	0.00	0.0	0.0	0.05	0.21	0.00	0.00
C	90.0	0.00	0.0	0.0	0.05	0.21	0.00	0.00
C	90.0	0.00	0.0	0.0	0.04	0.16	0.00	0.00
C	90.0	0.00	0.0	0.0	0.52	2.30	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.21	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.21	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.16	0.00	0.00
C	70.0	0.00	0.0	0.0	0.03	0.21	0.00	0.00
C	70.0	0.00	0.0	0.0	0.48	2.98	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.16	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.21	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.21	0.00	0.00
C	50.0	0.00	0.0	0.0	0.34	3.21	0.00	0.00
C	50.0	0.00	0.0	0.0	0.02	0.21	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.21	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.16	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.21	0.00	0.00
C	30.0	0.00	0.0	0.0	0.01	0.21	0.00	0.00
C	30.0	0.00	0.0	0.0	0.18	3.36	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.21	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.21	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.21	0.00	0.00
C	10.0	0.00	0.0	0.0	0.05	3.50	0.00	0.00
C	10.0	0.00	0.0	0.0	0.00	0.16	0.00	0.00
D	250.0	0.00	180.0	180.0	0.00	0.00	0.00	0.00
D	0.0	0.00	180.0	180.0	0.00	0.00	0.00	0.00

ANTENNA LOADING  
=====

.....ANTENNA.....			ATTACHMENT		.....ANTENNA FORCES.....			
TYPE	ELEV ft	AZI	RAD ft	AZI	AXIAL kip	SHEAR kip	GRAVITY kip	TORSION ft-kip
STD+R	200.0	90.0	5.5	120.0	0.00	0.00	0.00	0.00
STD+R	200.0	270.0	5.5	240.0	0.00	0.00	0.00	0.00

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MAXIMUM ANTENNA AND REFLECTOR ROTATIONS:

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ELEV ft	AZI deg	TYPE *	.....BEAM DEFLECTIONS (deg).....			
			ROLL	YAW	PITCH	TOTAL
200.0	90.0	STD+R	-1.286 D	0.127 H	-1.319 G	1.321 G
200.0	270.0	STD+R	1.286 D	0.127 H	1.319 G	1.321 G

MAXIMUM TENSION IN MAST MEMBERS (kip)

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ELEV ft	LEGS	DIAG	HORIZ	BRACE
250.0	-----		0.51 Q	0.00 A
	0.37 p	1.17 K		
245.0	-----		0.08 K	0.00 A
	0.66 n	3.71 Q		
240.0	-----		1.95 I	0.00 A
	10.01 Q	4.07 Q		
235.0	-----		0.28 c	0.00 A
	21.11 Q	6.49 J		
230.0	-----		0.00 p	0.00 A
	37.11 Q	7.14 P		
225.0	-----		0.31 E	0.00 A
	54.47 Q	9.40 V		
220.0	-----		0.11 U	0.00 A
	73.85 Q	6.51 P		
215.0	-----		0.34 E	0.00 A
	89.23 Q	6.37 D		
210.0	-----		0.03 D	0.00 A
	102.02 M	5.72 P		
205.0	-----		0.29 A	0.00 A
	114.15 M	5.64 L		
200.0	-----		0.05 K	0.00 A
	124.98 M	6.05 P		
195.0	-----		0.18 A	0.00 A
	136.05 M	6.17 D		
190.0	-----		0.10 E	0.00 A
	145.70 Q	5.73 P		
185.0	-----		0.13 A	0.00 A
	155.18 M	5.87 D		
180.0	-----		0.11 E	0.00 A
	165.26 Q	6.04 P		
173.3	-----		0.14 A	0.00 A
	176.36 M	6.11 J		
166.7	-----		0.11 E	0.00 A
	186.69 Q	5.89 P		
160.0	-----		0.11 A	0.00 A
	196.69 M	6.01 J		
153.3	-----		0.07 E	0.00 A
	206.05 M	5.92 V		
146.7	-----		0.09 A	0.00 A
	215.42 M	6.07 D		
140.0	-----		0.06 E	0.00 A
	224.27 M	6.06 V		

133.3	-----		0.15 A	0.00 A
	233.11 M	6.22 D		
126.7	-----		0.05 E	0.00 A
	241.64 M	6.27 V		
120.0	-----		0.13 A	0.00 A
	252.06 M	7.05 D		
110.0	-----		0.12 E	0.00 A
	264.38 M	7.16 V		
100.0	-----		0.08 A	0.00 A
	276.46 M	7.37 D		
90.0	-----		0.11 E	0.00 A
	288.25 M	7.54 V		
80.0	-----		0.07 A	0.00 A
	299.90 M	7.79 D		
70.0	-----		0.06 E	0.00 A
	311.26 M	7.97 V		
60.0	-----		0.06 k	0.00 A
	322.53 M	8.23 D		
50.0	-----		0.05 E	0.00 A
	333.63 M	8.45 V		
40.0	-----		0.06 k	0.00 A
	344.66 M	8.71 D		
30.0	-----		0.05 A	0.00 A
	355.53 M	8.90 V		
20.0	-----		0.02 k	0.00 A
	366.29 M	9.13 D		
10.0	-----		0.05 A	0.00 A
	376.83 M	9.27 V		
0.0	-----		0.00 A	0.00 A

# MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

=====

ELEV ft	LEGS	DIAG	HORIZ	BRACE
250.0	-----		-0.79 K	0.00 A
	-1.09 c	-0.76 Q		
245.0	-----		-0.04 Q	0.00 A
	-12.41 i	-4.21 K		
240.0	-----		-1.35 O	0.00 A
	-18.61 K	-4.53 K		
235.0	-----		-0.06 p	0.00 A
	-35.43 K	-6.33 P		
230.0	-----		-0.05 c	0.00 A
	-52.70 K	-7.24 D		
225.0	-----		-0.14 W	0.00 A
	-75.04 K	-9.55 D		
220.0	-----		-0.36 a	0.00 A
	-95.70 K	-7.03 D		
215.0	-----		-0.21 W	0.00 A
	-112.77 K	-6.09 P		
210.0	-----		-0.03 P	0.00 A
	-125.49 G	-5.97 D		
205.0	-----		-0.19 W	0.00 A
	-138.70 G	-5.53 R		
200.0	-----		-0.05 Q	0.00 A
	-150.07 K	-6.40 D		
195.0	-----		-0.10 W	0.00 A
	-162.13 G	-5.88 P		
190.0	-----		-0.09 S	0.00 A
	-172.36 K	-6.02 D		
185.0	-----		-0.08 W	0.00 A
	-182.91 K	-5.67 P		

180.0	-----	-0.09 S	0.00 A
	-193.57 K -6.28 J		
173.3	-----	-0.10 W	0.00 A
	-206.05 K -5.97 P		
166.7	-----	-0.09 S	0.00 A
	-217.14 K -6.07 J		
160.0	-----	-0.08 W	0.00 A
	-228.40 K -5.91 P		
153.3	-----	-0.06 S	0.00 A
	-238.79 K -6.06 D		
146.7	-----	-0.07 W	0.00 A
	-249.45 G -6.01 V		
140.0	-----	-0.05 S	0.00 A
	-259.47 G -6.17 D		
133.3	-----	-0.11 W	0.00 A
	-269.64 G -6.18 J		
126.7	-----	-0.04 S	0.00 A
	-279.44 G -6.34 D		
120.0	-----	-0.10 W	0.00 A
	-291.50 G -7.05 J		
110.0	-----	-0.10 S	0.00 A
	-305.80 G -7.23 D		
100.0	-----	-0.06 S	0.00 A
	-320.01 G -7.38 J		
90.0	-----	-0.09 S	0.00 A
	-334.02 G -7.62 D		
80.0	-----	-0.05 S	0.00 A
	-348.15 G -7.80 J		
70.0	-----	-0.05 S	0.00 A
	-362.12 G -8.05 D		
60.0	-----	-0.05 S	0.00 A
	-376.16 G -8.25 J		
50.0	-----	-0.04 S	0.00 A
	-390.06 G -8.53 D		
40.0	-----	-0.04 S	0.00 A
	-404.00 G -8.73 J		
30.0	-----	-0.04 S	0.00 A
	-417.78 G -8.97 D		
20.0	-----	-0.01 p	0.00 A
	-431.54 G -9.14 J		
10.0	-----	-0.04 S	0.00 A
	-445.06 G -9.35 D		
0.0	-----	0.00 A	0.00 A

FORCE/RESISTANCE RATIO IN LEGS  
=====

MAST ELEV ft	-- LEG COMPRESSION --			---- LEG TENSION ----		
	MAX COMP	COMP RESIST	FORCE/ RESIST RATIO	MAX TENS	TENS RESIST	FORCE/ RESIST RATIO
250.00	-----					
	1.09	75.23	0.01	0.37	102.40	0.00
245.00	-----					
	12.41	75.23	0.16	0.66	102.40	0.01
240.00	-----					
	18.61	75.23	0.25	10.01	102.40	0.10
235.00	-----					
	35.43	75.23	0.47	21.11	102.40	0.21
230.00	-----					
	52.70	75.23	0.70	37.11	102.40	0.36
225.00	-----					
	75.04	75.23	1.00	54.47	102.40	0.53
220.00	-----					
	95.70	143.18	0.67	73.85	166.92	0.44
215.00	-----					
	112.77	143.18	0.79	89.23	166.92	0.53

210.00	-----						
	125.49	143.18	0.88	102.02	166.92	0.61	
205.00	-----						
	138.70	143.18	0.97	114.15	166.92	0.68	
200.00	-----						
	150.07	256.32	0.59	124.98	277.05	0.45	
195.00	-----						
	162.13	256.32	0.63	136.05	277.05	0.49	
190.00	-----						
	172.36	256.32	0.67	145.70	277.05	0.53	
185.00	-----						
	182.91	256.32	0.71	155.18	277.05	0.56	
180.00	-----						
	193.57	241.28	0.80	165.26	277.05	0.60	
173.33	-----						
	206.05	241.28	0.85	176.36	277.05	0.64	
166.67	-----						
	217.14	241.28	0.90	186.69	277.05	0.67	
160.00	-----						
	228.40	312.59	0.73	196.69	327.10	0.60	
153.33	-----						
	238.79	312.59	0.76	206.05	327.10	0.63	
146.67	-----						
	249.45	312.59	0.80	215.42	327.10	0.66	
140.00	-----						
	259.47	312.59	0.83	224.27	361.16	0.62	
133.33	-----						
	269.64	312.59	0.86	233.11	361.16	0.65	
126.67	-----						
	279.44	312.59	0.89	241.64	361.16	0.67	
120.00	-----						
	291.50	336.31	0.87	252.06	379.88	0.66	
110.00	-----						
	305.80	336.31	0.91	264.38	379.88	0.70	
100.00	-----						
	320.01	336.31	0.95	276.46	379.88	0.73	
90.00	-----						
	334.02	336.31	0.99	288.25	379.88	0.76	
80.00	-----						
	348.15	509.22	0.68	299.90	523.32	0.57	
70.00	-----						
	362.12	509.22	0.71	311.26	523.32	0.59	
60.00	-----						
	376.16	509.22	0.74	322.53	523.32	0.62	
50.00	-----						
	390.06	509.22	0.77	333.63	523.32	0.64	
40.00	-----						
	404.00	509.22	0.79	344.66	523.32	0.66	
30.00	-----						
	417.78	509.22	0.82	355.53	523.32	0.68	
20.00	-----						
	431.54	509.22	0.85	366.29	578.14	0.63	
10.00	-----						
	445.06	509.22	0.87	376.83	578.14	0.65	
0.00	-----						

FORCE/RESISTANCE RATIO IN DIAGONALS

=====

MAST ELEV ft	- DIAG COMPRESSION -			--- DIAG TENSION ---		
	MAX COMP	COMP RESIST	FORCE/ RESIST RATIO	MAX TENS	TENS RESIST	FORCE/ RESIST RATIO
250.00	-----					
	0.76	10.74	0.07	1.17	10.74	0.11
245.00	-----					
	4.21	10.74	0.39	3.71	10.74	0.35
240.00	-----					

	4.53	10.74	0.42	4.07	10.74	0.38
235.00	-----	-----	-----	-----	-----	-----
	6.33	10.74	0.59	6.49	10.74	0.60
230.00	-----	-----	-----	-----	-----	-----
	7.24	10.74	0.67	7.14	10.74	0.66
225.00	-----	-----	-----	-----	-----	-----
	9.55	10.74	0.89	9.40	10.74	0.88
220.00	-----	-----	-----	-----	-----	-----
	7.03	7.16	0.98	6.51	7.16	0.91
215.00	-----	-----	-----	-----	-----	-----
	6.09	7.16	0.85	6.37	7.16	0.89
210.00	-----	-----	-----	-----	-----	-----
	5.97	7.16	0.83	5.72	7.16	0.80
205.00	-----	-----	-----	-----	-----	-----
	5.53	7.16	0.77	5.64	7.16	0.79
200.00	-----	-----	-----	-----	-----	-----
	6.40	7.13	0.90	6.05	7.13	0.85
195.00	-----	-----	-----	-----	-----	-----
	5.88	7.13	0.82	6.17	7.13	0.87
190.00	-----	-----	-----	-----	-----	-----
	6.02	7.13	0.84	5.73	7.13	0.80
185.00	-----	-----	-----	-----	-----	-----
	5.67	7.13	0.79	5.87	7.13	0.82
180.00	-----	-----	-----	-----	-----	-----
	6.28	6.51	0.96	6.04	6.51	0.93
173.33	-----	-----	-----	-----	-----	-----
	5.97	6.51	0.92	6.11	6.51	0.94
166.67	-----	-----	-----	-----	-----	-----
	6.07	6.51	0.93	5.89	6.51	0.90
160.00	-----	-----	-----	-----	-----	-----
	5.91	9.45	0.63	6.01	9.45	0.64
153.33	-----	-----	-----	-----	-----	-----
	6.06	9.45	0.64	5.92	9.45	0.63
146.67	-----	-----	-----	-----	-----	-----
	6.01	9.45	0.64	6.07	9.45	0.64
140.00	-----	-----	-----	-----	-----	-----
	6.17	7.32	0.84	6.06	7.32	0.83
133.33	-----	-----	-----	-----	-----	-----
	6.18	7.32	0.84	6.22	7.32	0.85
126.67	-----	-----	-----	-----	-----	-----
	6.34	7.32	0.87	6.27	7.32	0.86
120.00	-----	-----	-----	-----	-----	-----
	7.05	8.84	0.80	7.05	8.84	0.80
110.00	-----	-----	-----	-----	-----	-----
	7.23	8.84	0.82	7.16	8.84	0.81
100.00	-----	-----	-----	-----	-----	-----
	7.38	15.88	0.46	7.37	15.88	0.46
90.00	-----	-----	-----	-----	-----	-----
	7.62	15.88	0.48	7.54	15.88	0.47
80.00	-----	-----	-----	-----	-----	-----
	7.80	13.59	0.57	7.79	13.59	0.57
70.00	-----	-----	-----	-----	-----	-----
	8.05	13.59	0.59	7.97	13.59	0.59
60.00	-----	-----	-----	-----	-----	-----
	8.25	17.02	0.48	8.23	17.02	0.48
50.00	-----	-----	-----	-----	-----	-----
	8.53	17.02	0.50	8.45	17.02	0.50
40.00	-----	-----	-----	-----	-----	-----
	8.73	18.13	0.48	8.71	18.13	0.48
30.00	-----	-----	-----	-----	-----	-----
	8.97	18.13	0.49	8.90	18.13	0.49
20.00	-----	-----	-----	-----	-----	-----
	9.14	16.06	0.57	9.13	16.06	0.57
10.00	-----	-----	-----	-----	-----	-----
	9.35	16.06	0.58	9.27	16.06	0.58
0.00	-----	-----	-----	-----	-----	-----

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

=====



-----LOAD---COMPONENTS-----				TOTAL
NORTH	EAST	DOWN	UPLIFT	SHEAR
40.37 G	34.52 K	451.19 G	-381.51 M	40.38 G

MAXIMUM TOTAL LOADS ON FOUNDATION : (kip & kip-ft)  
=====

-----HORIZONTAL-----			DOWN	-----OVERTURNING-----			TORSION
NORTH	EAST	TOTAL		NORTH	EAST	TOTAL	
		@ 0.0				@ 0.0	
64.8	-60.4	64.8	238.1	9821.5	-9362.7	9821.5	29.3
S	D	S	d	G	D	G	H

=====

Latticed Tower Analysis (Unguyed) (c)2024 Guymast Inc. 416-736-7453  
Processed under license at:

Sabre Towers and Poles on: 1 may 2025 at: 10:36:07  
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\*\*\*\*\*  
\*\*\*\*\* Service Load Condition \*\*\*\*\*  
\*\*\*\*\*

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\* Only 1 condition(s) shown in full

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LOADING CONDITION A =====

60 mph wind with no ice. Wind Azimuth: 00 (1.0 D + 1.0 Wo)

MAST LOADING  
=====

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AT AZI	LOAD AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	245.0	0.00	0.0	0.0	2.40	12.00	0.00	0.00
C	234.0	0.00	0.0	0.0	1.70	8.00	0.00	0.00
C	224.0	0.00	0.0	0.0	1.68	8.00	0.00	0.00
D	250.0	0.00	180.0	0.0	0.02	0.05	0.00	0.00
D	245.0	0.00	180.0	0.0	0.02	0.05	0.00	0.00
D	245.0	0.00	345.7	0.0	0.03	0.07	0.04	-0.01
D	235.0	0.00	345.7	0.0	0.03	0.08	0.04	-0.01
D	235.0	0.00	359.7	0.0	0.04	0.09	0.02	-0.01
D	225.0	0.00	7.8	0.0	0.04	0.09	0.02	-0.01
D	225.0	0.00	312.4	0.0	0.05	0.10	0.02	-0.02
D	220.0	0.00	312.4	0.0	0.05	0.10	0.02	-0.02
D	220.0	0.00	313.5	0.0	0.05	0.12	0.03	-0.02
D	200.0	0.00	306.1	0.0	0.05	0.11	0.03	-0.03
D	200.0	0.00	321.2	0.0	0.06	0.14	0.04	-0.02

D	180.0	0.00	315.7	0.0	0.06	0.15	0.03	-0.02
D	180.0	0.00	326.8	0.0	0.06	0.15	0.04	-0.02
D	160.0	0.00	323.1	0.0	0.06	0.15	0.04	-0.02
D	160.0	0.00	331.3	0.0	0.06	0.18	0.05	-0.02
D	140.0	0.00	328.4	0.0	0.06	0.18	0.05	-0.02
D	140.0	0.00	334.7	0.0	0.06	0.19	0.06	-0.02
D	120.0	0.00	332.5	0.0	0.06	0.19	0.05	-0.02
D	120.0	0.00	337.3	0.0	0.06	0.19	0.06	-0.02
D	100.0	0.00	336.0	0.0	0.06	0.19	0.06	-0.02
D	100.0	0.00	339.6	0.0	0.06	0.22	0.07	-0.02
D	80.0	0.00	338.5	0.0	0.07	0.22	0.07	-0.02
D	80.0	0.00	341.5	0.0	0.06	0.27	0.08	-0.02
D	60.0	0.00	340.6	0.0	0.06	0.27	0.07	-0.02
D	60.0	0.00	343.0	0.0	0.06	0.29	0.08	-0.02
D	40.0	0.00	342.3	0.0	0.07	0.29	0.08	-0.02
D	40.0	0.00	344.4	0.0	0.06	0.29	0.09	-0.02
D	20.0	0.00	343.7	0.0	0.06	0.30	0.09	-0.02
D	20.0	0.00	345.5	0.0	0.05	0.30	0.10	-0.01
D	0.0	0.00	344.9	0.0	0.06	0.31	0.09	-0.01

# ANTENNA LOADING

=====

.....ANTENNA.....			ATTACHMENT		.....ANTENNA FORCES.....			
TYPE	ELEV	AZI	RAD	AZI	AXIAL	SHEAR	GRAVITY	TORSION
	ft		ft		kip	kip	kip	ft-kip
STD+R	200.0	90.0	5.5	120.0	0.04	-0.11	0.20	-0.25
STD+R	200.0	270.0	5.5	240.0	0.04	0.11	0.20	0.25

# ===== MAXIMUM MAST DISPLACEMENTS: =====

ELEV ft	-----DEFLECTIONS (ft)-----			--TILTS (DEG)---		TWIST DEG
	NORTH	EAST	DOWN	NORTH	EAST	
250.0	1.115 G	1.084 J	0.020 G	0.599 G	0.587 J	0.050 H
245.0	1.063 G	1.032 J	0.020 G	0.600 G	0.587 J	0.050 H
240.0	1.010 G	0.981 J	0.019 G	0.598 G	0.585 J	0.050 H
235.0	0.957 G	0.929 J	0.019 G	0.591 G	0.578 J	0.050 H
230.0	0.906 G	0.879 J	0.018 G	0.577 G	0.565 J	0.049 H
225.0	0.855 G	0.829 J	0.017 G	0.556 G	0.544 J	0.049 H
220.0	0.806 G	0.782 J	0.016 G	0.525 G	0.513 J	0.048 H
215.0	0.760 G	0.736 J	0.016 G	0.502 G	0.491 J	0.046 H
210.0	0.716 G	0.693 J	0.015 G	0.478 G	0.467 J	0.044 H
205.0	0.674 G	0.652 J	0.014 G	0.452 G	0.441 J	0.042 H
200.0	0.635 G	0.614 J	0.014 G	0.426 G	0.415 J	0.041 H
195.0	0.597 G	0.577 J	0.013 G	0.410 G	0.400 J	0.038 H
190.0	0.561 G	0.542 J	0.013 G	0.394 G	0.384 J	0.035 H
185.0	0.526 G	0.508 J	0.012 G	0.378 G	0.368 J	0.032 H
180.0	0.492 G	0.475 J	0.012 G	0.362 G	0.352 J	0.029 H
173.3	0.450 G	0.434 J	0.011 G	0.339 G	0.330 J	0.027 H
166.7	0.411 G	0.396 J	0.011 G	0.317 G	0.309 J	0.025 H
160.0	0.374 G	0.361 J	0.010 G	0.295 G	0.287 J	0.023 H
153.3	0.340 G	0.327 J	0.010 G	0.279 G	0.271 J	0.021 H
146.7	0.308 G	0.296 J	0.009 G	0.262 G	0.254 J	0.019 H
140.0	0.277 G	0.266 J	0.009 G	0.246 G	0.238 J	0.018 H
133.3	0.249 G	0.239 J	0.008 G	0.230 G	0.222 J	0.016 H
126.7	0.222 G	0.213 J	0.008 G	0.214 G	0.207 J	0.015 H
120.0	0.197 G	0.189 J	0.008 G	0.198 G	0.191 J	0.013 H
110.0	0.163 G	0.156 J	0.007 G	0.176 G	0.169 J	0.011 H
100.0	0.133 G	0.128 J	0.006 G	0.153 G	0.148 J	0.010 H
90.0	0.108 G	0.103 J	0.005 G	0.131 G	0.126 J	0.008 H
80.0	0.086 G	0.082 J	0.005 G	0.109 G	0.105 J	0.007 H
70.0	0.067 G	0.064 J	0.004 G	0.095 G	0.092 J	0.006 H
60.0	0.050 G	0.048 J	0.004 G	0.081 G	0.078 J	0.005 H
50.0	0.036 G	0.034 J	0.003 G	0.068 G	0.065 J	0.004 H
40.0	0.025 G	0.023 J	0.003 K	0.054 G	0.052 J	0.003 H

30.0	0.015 G	0.014 J	0.002 G	0.040 G	0.039 J	0.003 H
20.0	0.008 G	0.008 J	0.001 B	0.027 G	0.026 J	0.002 H
10.0	0.003 G	0.002 J	0.001 G	0.013 G	0.013 J	0.001 H
0.0	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A

# MAXIMUM ANTENNA AND REFLECTOR ROTATIONS:

=====

ELEV ft	AZI deg	TYPE *	.....BEAM DEFLECTIONS (deg).....			
			ROLL	YAW	PITCH	TOTAL
200.0	90.0	STD+R	0.415 J	0.041 H	-0.426 G	0.427 G
200.0	270.0	STD+R	-0.415 J	0.041 H	0.426 G	0.427 G

# MAXIMUM TENSION IN MAST MEMBERS (kip)

=====

ELEV ft	LEGS	DIAG	HORIZ	BRACE
250.0	-----		0.07 E	0.00 A
	0.00 A	0.50 K		
245.0	-----		0.04 K	0.00 A
	0.00 A	1.04 E		
240.0	-----		0.81 I	0.00 A
	0.40 E	1.18 E		
235.0	-----		0.12 E	0.00 A
	2.10 E	2.13 J		
230.0	-----		0.00 A	0.00 A
	6.88 E	2.26 J		
225.0	-----		0.15 E	0.00 A
	10.84 E	2.97 J		
220.0	-----		0.00 A	0.00 A
	16.72 E	1.92 J		
215.0	-----		0.15 E	0.00 A
	21.16 E	2.12 J		
210.0	-----		0.01 J	0.00 A
	25.36 A	1.75 J		
205.0	-----		0.12 A	0.00 A
	28.96 A	1.84 L		
200.0	-----		0.02 K	0.00 A
	32.38 A	1.88 J		
195.0	-----		0.07 A	0.00 A
	35.64 A	2.04 J		
190.0	-----		0.04 E	0.00 A
	38.63 A	1.78 J		
185.0	-----		0.05 A	0.00 A
	41.47 A	1.93 J		
180.0	-----		0.04 E	0.00 A
	44.56 E	1.90 D		
173.3	-----		0.06 A	0.00 A
	47.89 A	2.01 J		
166.7	-----		0.04 E	0.00 A
	51.02 A	1.87 J		
160.0	-----		0.04 A	0.00 A
	54.00 A	1.97 J		
153.3	-----		0.03 E	0.00 A
	56.80 A	1.89 J		
146.7	-----		0.04 A	0.00 A
	59.53 A	1.99 D		
140.0	-----		0.02 E	0.00 A
	62.16 A	1.95 J		
133.3	-----		0.06 A	0.00 A
	64.73 A	2.03 D		
126.7	-----		0.02 E	0.00 A
	67.23 A	2.03 J		
120.0	-----		0.05 A	0.00 A

	70.28 A	2.30 D		
110.0	-----		0.05 E	0.00 A
	73.88 A	2.34 J		
100.0	-----		0.03 A	0.00 A
	77.38 A	2.43 D		
90.0	-----		0.04 E	0.00 A
	80.78 A	2.48 J		
80.0	-----		0.03 A	0.00 A
	84.07 A	2.58 D		
70.0	-----		0.02 E	0.00 A
	87.23 A	2.64 J		
60.0	-----		0.02 A	0.00 A
	90.33 A	2.75 D		
50.0	-----		0.02 E	0.00 A
	93.38 A	2.81 J		
40.0	-----		0.02 A	0.00 A
	96.39 A	2.91 D		
30.0	-----		0.02 E	0.00 A
	99.35 A	2.97 J		
20.0	-----		0.00 A	0.00 A
	102.26 A	3.06 D		
10.0	-----		0.02 A	0.00 A
	105.11 A	3.10 J		
0.0	-----		0.00 A	0.00 A

MAXIMUM COMPRESSION IN MAST MEMBERS (kip)  
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ELEV ft	LEGS	DIAG	HORIZ	BRACE
250.0	-----		-0.34 K	0.00 A
	-0.50 E	-0.11 E		
245.0	-----		0.00 A	0.00 A
	-5.16 K	-1.50 K		
240.0	-----		-0.23 C	0.00 A
	-8.47 K	-1.58 K		
235.0	-----		0.00 A	0.00 A
	-15.51 K	-1.98 D		
230.0	-----		-0.02 E	0.00 A
	-21.35 K	-2.36 J		
225.0	-----		0.00 A	0.00 A
	-29.93 K	-3.11 D		
220.0	-----		-0.17 C	0.00 A
	-36.86 K	-2.41 J		
215.0	-----		-0.03 K	0.00 A
	-42.77 K	-1.86 J		
210.0	-----		-0.01 J	0.00 A
	-46.78 G	-1.99 J		
205.0	-----		-0.03 K	0.00 A
	-51.27 G	-1.74 F		
200.0	-----		-0.01 E	0.00 A
	-55.06 K	-2.12 J		
195.0	-----		-0.02 K	0.00 A
	-59.19 K	-1.83 J		
190.0	-----		-0.02 G	0.00 A
	-62.54 K	-2.00 J		
185.0	-----		-0.02 K	0.00 A
	-66.18 K	-1.79 J		
180.0	-----		-0.02 G	0.00 A
	-69.72 K	-2.08 J		
173.3	-----		-0.02 K	0.00 A
	-74.05 K	-1.91 D		
166.7	-----		-0.02 G	0.00 A

160.0	-77.79 K	-2.01 J	-0.02 K	0.00 A
153.3	-81.73 K	-1.90 D	-0.01 G	0.00 A
146.7	-85.32 K	-2.00 J	-0.02 K	0.00 A
140.0	-89.03 G	-1.94 J	-0.01 G	0.00 A
133.3	-92.53 G	-2.04 D	-0.03 K	0.00 A
126.7	-96.12 G	-2.02 J	-0.01 G	0.00 A
120.0	-99.56 G	-2.09 D	-0.02 K	0.00 A
110.0	-103.83 G	-2.32 J	-0.02 G	0.00 A
100.0	-108.91 G	-2.40 D	-0.01 K	0.00 A
90.0	-114.01 G	-2.44 J	-0.02 G	0.00 A
80.0	-119.08 G	-2.54 D	-0.01 K	0.00 A
70.0	-124.27 G	-2.60 J	-0.01 G	0.00 A
60.0	-129.45 G	-2.70 D	-0.01 G	0.00 A
50.0	-134.69 G	-2.77 J	-0.01 G	0.00 A
40.0	-139.91 G	-2.87 D	-0.01 G	0.00 A
30.0	-145.16 G	-2.94 J	-0.01 G	0.00 A
20.0	-150.36 G	-3.03 D	0.00 K	0.00 A
10.0	-155.58 G	-3.08 J	-0.01 G	0.00 A
0.0	-160.71 G	-3.17 D	0.00 A	0.00 A

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

-----LOAD-----COMPONENTS-----				TOTAL
NORTH	EAST	DOWN	UPLIFT	SHEAR
14.21 G	12.16 K	163.06 G	-106.35 A	14.21 G

MAXIMUM TOTAL LOADS ON FOUNDATION : (kip & kip-ft)

-----HORIZONTAL-----			DOWN	-----OVERTURNING-----			TORSION
NORTH	EAST	TOTAL		NORTH	EAST	TOTAL	
@ 0.0				@ 0.0			
21.3 G	19.9 J	21.3 G	77.9 G	3205.7 G	3059.1 J	3205.7 G	9.4 H

=====

**Seismic Load Effects**  
**Equivalent Lateral Force Procedure**  
**ANSI/TIA-222-H**

Parameters		Vertical Distribution of Seismic Forces									
		Description	h <sub>i</sub> (ft.)	w <sub>i</sub> (kips)	W <sub>2</sub> (kips)	w/h <sub>i</sub> <sup>ke</sup>	F <sub>sz</sub> or E <sub>b</sub> (kips)	E <sub>v</sub> (kips)	1.2 D + 1.0 E <sub>v</sub> (kips)	0.9 D - 1.0 E <sub>v</sub> (kips)	
Risk Category	II	Antenna Load	245.00	12.0000	12.0000	14,898.8012	6.2853	3.1224	17.5224	7.6776	
		Structure - Section 1	245.00	0.6180	0.6180	767.2883	0.3237	0.1608	0.9024	0.3954	
		Ladder/Line	242.50	0.0512	0.0768	62.7295	0.0265	0.0133	0.0747	0.0328	
		Ladder/Line	242.50	0.0824	0.1236	100.9553	0.0426	0.0214	0.1203	0.0528	
Site Class	D (default)	Ladder/Line	237.00	0.0989	0.0989	117.6239	0.0496	0.0257	0.1444	0.0633	
		Ladder/Line	237.00	0.0614	0.0614	73.0243	0.0308	0.0160	0.0897	0.0393	
		Antenna Load	234.00	8.0000	0.0000	9,358.8939	3.9482	2.0816	11.6816	5.1184	
		Structure - Section 2	230.00	1.1750	0.1469	1,344.2357	0.5671	0.3057	1.7157	0.7518	
T <sub>L</sub> (sec)	1.200	Ladder/Line	229.00	0.1024	0.0000	116.4895	0.0491	0.0266	0.1495	0.0656	
	1.767	Ladder/Line	229.00	0.1648	0.0000	187.4753	0.0791	0.0429	0.2407	0.1054	
	1.951	Ladder/Line	229.00	0.1648	0.0000	187.4753	0.0791	0.0429	0.2407	0.1054	
	0.942	Ladder/Line	229.00	0.1648	0.0000	187.4753	0.0791	0.0429	0.2407	0.1054	
	1.301	Antenna Load	224.00	8.0000	0.0000	8,844.2533	3.7311	2.0816	11.6816	5.1184	
	0.628	Ladder/Line	222.00	0.0410	0.0000	44.8034	0.0189	0.0107	0.0599	0.0262	
	0.483	Ladder/Line	222.00	0.0659	0.0000	72.0133	0.0304	0.0171	0.0962	0.0422	
	1.000	Ladder/Line	222.00	0.0659	0.0000	72.0133	0.0304	0.0171	0.0962	0.0422	
	1.500	Ladder/Line	222.00	0.0659	0.0000	72.0133	0.0304	0.0171	0.0962	0.0422	
	0.288	Ladder/Line	210.00	0.3296	0.0000	335.1670	0.1414	0.0858	0.4813	0.2108	
	250.00	Ladder/Line	210.00	0.2048	0.0000	208.2591	0.0879	0.0533	0.2991	0.1310	
	V <sub>s</sub> (kips)	4.540	Ladder/Line	210.00	0.3296	0.0000	335.1670	0.1414	0.0858	0.4813	0.2108
14.68		Ladder/Line	210.00	0.3296	0.0000	335.1670	0.1414	0.0858	0.4813	0.2108	
27.00		Structure - Section 3	210.00	1.4160	0.0000	1,439.9163	0.6074	0.3684	2.0676	0.9060	
83.832		Antenna Load	200.00	0.3100	0.0000	295.9345	0.1248	0.0807	0.4527	0.1983	
37.357		Antenna Load	200.00	0.3100	0.0000	295.9345	0.1248	0.0807	0.4527	0.1983	
13.126		Mount Load	200.00	0.0500	0.0000	47.7314	0.0201	0.0130	0.0730	0.0320	
0.917		Mount Load	200.00	0.0500	0.0000	47.7314	0.0201	0.0130	0.0730	0.0320	
1.090		Mount/Antenna Load	200.00	0.3600	0.0000	343.6658	0.1450	0.0937	0.5257	0.2303	
1.2950		Mount/Antenna Load	200.00	0.3600	0.0000	343.6658	0.1450	0.0937	0.5257	0.2303	
24.144		Ladder/Line	190.00	0.2464	0.0000	220.1033	0.0929	0.0641	0.3598	0.1577	
D		Ladder/Line	190.00	0.3296	0.0000	294.4239	0.1242	0.0858	0.4813	0.2108	
Seismic Design Category		Ladder/Line	190.00	0.3296	0.0000	294.4239	0.1242	0.0858	0.4813	0.2108	
	Ladder/Line	190.00	0.3296	0.0000	294.4239	0.1242	0.0858	0.4813	0.2108		
	Structure - Section 4	170.00	1.9250	0.0000	1,719.5573	0.7254	0.5009	2.8109	1.2316		
	Ladder/Line	170.00	0.3296	0.0000	254.9286	0.1075	0.0858	0.4813	0.2108		
	Ladder/Line	170.00	0.2464	0.0000	190.5777	0.0804	0.0641	0.3598	0.1577		
	Ladder/Line	170.00	0.3296	0.0000	254.9286	0.1075	0.0858	0.4813	0.2108		

**Seismic Load Effects**  
**Equivalent Lateral Force Procedure**  
**ANSI/TIA-222-H**

Description	h <sub>i</sub> (ft.)	w <sub>i</sub> (kips)	W <sub>2</sub> (kips)	Vertical Distribution of Seismic Forces				1.2 D + 1.0 E <sub>v</sub> (kips)	0.9 D - 1.0 E <sub>v</sub> (kips)
				W <sub>2</sub> (kips)	w/h <sub>i</sub> <sup>ke</sup>	F <sub>sz</sub> or E <sub>h</sub> (kips)	E <sub>v</sub> (kips)		
Ladder/Line	170.00	0.3296	0.0000	0.0000	254.9286	0.1075	0.0858	0.4813	0.2108
Structure - Section 5	170.00	2.0820	0.0000	0.0000	1,610.3196	0.6793	0.5417	3.0401	1.3321
Ladder/Line	150.00	0.3296	0.0000	0.0000	216.7831	0.0915	0.0858	0.4813	0.2108
Ladder/Line	150.00	0.3296	0.0000	0.0000	216.7831	0.0915	0.0858	0.4813	0.2108
Ladder/Line	150.00	0.2464	0.0000	0.0000	162.0611	0.0684	0.0641	0.3598	0.1577
Ladder/Line	150.00	0.3296	0.0000	0.0000	216.7831	0.0915	0.0858	0.4813	0.2108
Structure - Section 6	150.00	2.6990	0.0000	0.0000	1,775.1746	0.7489	0.7023	3.9411	1.7268
Ladder/Line	130.00	0.3296	0.0000	0.0000	180.1125	0.0760	0.0858	0.4813	0.2108
Ladder/Line	130.00	0.3296	0.0000	0.0000	180.1125	0.0760	0.0858	0.4813	0.2108
Ladder/Line	130.00	0.3296	0.0000	0.0000	180.1125	0.0760	0.0858	0.4813	0.2108
Ladder/Line	130.00	0.2464	0.0000	0.0000	134.6472	0.0568	0.0641	0.3598	0.1577
Structure - Section 7	130.00	2.9750	0.0000	0.0000	1,625.7120	0.6858	0.7741	4.3441	1.9034
Ladder/Line	110.00	0.3296	0.0000	0.0000	145.0744	0.0612	0.0858	0.4813	0.2108
Ladder/Line	110.00	0.3296	0.0000	0.0000	145.0744	0.0612	0.0858	0.4813	0.2108
Ladder/Line	110.00	0.3296	0.0000	0.0000	145.0744	0.0612	0.0858	0.4813	0.2108
Ladder/Line	110.00	0.2464	0.0000	0.0000	108.4537	0.0458	0.0641	0.3598	0.1577
Structure - Section 8	110.00	3.0090	0.0000	0.0000	1,324.4200	0.5587	0.7829	4.3937	1.9252
Ladder/Line	90.00	0.3296	0.0000	0.0000	111.8745	0.0472	0.0858	0.4813	0.2108
Ladder/Line	90.00	0.3296	0.0000	0.0000	111.8745	0.0472	0.0858	0.4813	0.2108
Ladder/Line	90.00	0.2464	0.0000	0.0000	83.6344	0.0353	0.0641	0.3598	0.1577
Structure - Section 9	90.00	3.5970	0.0000	0.0000	1,220.9124	0.5151	0.9359	5.2523	2.3014
Ladder/Line	70.00	0.3296	0.0000	0.0000	80.7959	0.0341	0.0858	0.4813	0.2108
Ladder/Line	70.00	0.3296	0.0000	0.0000	80.7959	0.0341	0.0858	0.4813	0.2108
Ladder/Line	70.00	0.3296	0.0000	0.0000	80.7959	0.0341	0.0858	0.4813	0.2108
Structure - Section 10	70.00	4.6540	0.0000	0.0000	1,140.8495	0.2555	0.0641	0.3598	0.1577
Ladder/Line	50.00	0.3296	0.0000	0.0000	52.2581	0.0220	0.0858	0.4813	0.2108
Ladder/Line	50.00	0.2464	0.0000	0.0000	39.0667	0.0165	0.0641	0.3598	0.1577
Ladder/Line	50.00	0.3296	0.0000	0.0000	52.2581	0.0220	0.0858	0.4813	0.2108
Ladder/Line	50.00	0.3296	0.0000	0.0000	52.2581	0.0220	0.0858	0.4813	0.2108
Structure - Section 11	50.00	5.0130	0.0000	0.0000	794.8110	0.3353	1.3044	7.3200	3.2073
Ladder/Line	30.00	0.3296	0.0000	0.0000	26.9687	0.0114	0.0858	0.4813	0.2108
Ladder/Line	30.00	0.3296	0.0000	0.0000	26.9687	0.0114	0.0858	0.4813	0.2108
Ladder/Line	30.00	0.2464	0.0000	0.0000	20.1610	0.0085	0.0641	0.3598	0.1577
Ladder/Line	30.00	0.3296	0.0000	0.0000	26.9687	0.0114	0.0858	0.4813	0.2108
Structure - Section 12	30.00	5.2530	0.0000	0.0000	429.8129	0.1813	1.3668	7.6704	3.3609
Ladder/Line	10.00	0.3296	0.0000	0.0000	6.5011	0.0027	0.0858	0.4813	0.2108
Ladder/Line	10.00	0.3296	0.0000	0.0000	6.5011	0.0027	0.0858	0.4813	0.2108
Ladder/Line	10.00	0.3296	0.0000	0.0000	6.5011	0.0027	0.0858	0.4813	0.2108

**Seismic Load Effects**  
**Equivalent Lateral Force Procedure**  
**ANSI/TIA-222-H**

Description	h <sub>i</sub> (ft.)	w <sub>i</sub> (kips)	W <sub>2</sub> (kips)	Vertical Distribution of Seismic Forces				
				w <sub>i</sub> h <sub>i</sub> <sup>ke</sup>	F <sub>sz</sub> or E <sub>b</sub> (kips)	E <sub>v</sub> (kips)	1.2 D + 1.0 E <sub>v</sub> (kips)	0.9 D - 1.0 E <sub>v</sub> (kips)
Ladder/Line	10.00	0.2464	0.0000	4.8600	0.0021	0.0641	0.3598	0.1577
Structure - Section 13	10.00	5.4660	0.0000	107.8126	0.0455	1.4223	7.9815	3.4971
Σ		83.83	13.1256	57,230.94	24.14	21.81	122.41	53.63



Leg Connection Details												
Bottom Elevation (ft)	Top Elevation (ft)	Pipe Dimensions	Top Splice				Bottom Splice/Base					Plate Dia. (in)
			Bolt Qty.	Bolt Dia. (in)	Bolt Circle (in)	Plate Thickness (in)	Plate Dia. (in)	Bolt Qty.	Bolt Dia. (in)	Bolt Circle (in)	Plate Thickness (in)	
240	250	2.875 OD X .276						6	0.75	6.50	1.00	8.50
220	240	2.875 OD X .276	6	0.75	6.50	1.00	8.50	6	1.00	9.00	1.25	11.50
200	220	4.000 OD X .318	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
180	200	5.563 OD X .375	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
160	180	5.563 OD X .375	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
140	160	5.563 OD X .500	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
120	140	5.563 OD X .500	6	1.00	9.00	1.25	11.50	6	1.25	12.50	1.75	15.75
100	120	8.625 OD X .322	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
80	100	8.625 OD X .322	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
60	80	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
40	60	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
20	40	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
0	20	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.50	13.25	1.75	17.00

Diagonal Bracing Connection Details								
Bottom Elevation (ft)	Top Elevation (ft)	Angle Shape	Bolt Qty.	Bolt Dia. (in)	Bolt End Distance (in)	Bolt Spacing (in)	Gage Distance From Heel (in)	Gusset Plate Thickness (in)
240	250	L 2 X 2 X 3/16	1	0.625	1.500		1.125	0.375
220	240	L 2 X 2 X 3/16	1	0.625	1.500		1.125	0.375
200	220	L 2 X 2 X 1/8	1	0.625	1.500		1.125	0.375
180	200	L 2 X 2 X 1/8	1	0.625	1.500		1.125	0.375
160	180	L 2 X 2 X 3/16	1	0.625	1.500		1.125	0.375
140	160	L 2 1/2 X 2 1/2 X 3/16	1	0.625	1.500		1.375	0.375
120	140	L 2 1/2 X 2 1/2 X 3/16	1	0.750	1.500		1.375	0.375
100	120	L 3 X 3 X 3/16	1	0.750	1.625		1.750	0.375
80	100	L 3 1/2 X 3 1/2 X 1/4	1	0.750	1.625		1.750	0.375
60	80	L 3 1/2 X 3 1/2 X 1/4	1	0.750	1.625		1.750	0.375
40	60	L 4 X 4 X 1/4	1	0.750	1.625		2.000	0.375
20	40	L 4 X 4 X 1/4	2	0.625	1.625	2.1250	2.000	0.500
0	20	L 4 X 4 X 1/4	2	0.625	1.625	2.1250	2.000	0.500

**DRILLED STRAIGHT PIER DESIGN BY SABRE INDUSTRIES**

250' S3TL Series HD1 VERTICAL BRIDGE REIT, LLC Bardwell North, KY (554497) 2025-05-01 KJT

Factored Uplift (kips)	382.00
Factored Download (kips)	451.00
Factored Shear (kips)	40.00

Ultimate Bearing Pressure	12.76
Bearing $\phi_s$	0.75
Bearing Design Strength (ksf)	9.57

Water Table Below Grade (ft)	50
Bolt Circle Diameter (in)	13.25

Effective Anchor Bolt Embedment	65.125
Pier Diameter (ft)	4.5
Ht. Above Ground (ft)	0.5
Pier Length Below Ground (ft)	48

Minimum Pier Diameter (ft) 2.44

Quantity of Bars	14
Bar Diameter (in)	1.128
Area of Bars (in <sup>2</sup> )	13.99
Spacing of Bars (in)	10.21
Tie Bar Diameter (in)	0.5
Spacing of Ties (in)	12

Minimum Area of Steel (in<sup>2</sup>) 11.45

$f'_c$ (ksi)	4.5
$f_y$ (ksi)	60
Unit Wt. of Concrete (kcf)	0.15
Volume of Concrete (yd <sup>3</sup> )	28.57

Length to ignore download (ft)

Ignore bottom length in download?



0

Depth at Bottom of Layer (ft)	Ult. Skin Friction (ksf)	(Ult. Skin Friction)*(Uplift Factor)	$\gamma$ (kcf)
3	0.00	0.00	0.105
6	0.32	0.32	0.115
8	0.54	0.54	0.12
13	0.49	0.49	0.12
18	0.49	0.49	0.12
23	1.04	1.04	0.12
28	0.55	0.55	0.12
33	0.60	0.60	0.12
38	1.59	1.59	0.12
43	0.66	0.66	0.12
48	0.43	0.43	0.12
53	0.44	0.44	0.12
55	1.77	1.32	0.12

## DRILLED STRAIGHT PIER DESIGN BY SABRE INDUSTRIES (CONTINUED)

### Download:

$\Phi_s$ , Download Friction	0.75		
$Q_f$ , Skin Friction (kips)	442.4	$W_s$ (kips)	90.7
$Q_b$ , End Bearing Strength (kips)	202.9	$W_c$ (kips)	115.7
Download Design Strength (kips)	484.0	Factored Net Download (kips)	481.1

### Uplift (skin friction):

$\Phi_s$ , Uplift (friction)	0.75		
$Q_f$ , Skin Friction (kips)	442.4		
$W_c$ (kips)	115.7		
$W_w$ (kips)	0.0		
Uplift Design Strength (kips)	435.9	Factored Uplift (kips)	382.0

### Uplift (cone):

$\Phi_s$ , Uplift (cone)	0.75		
$W_{s,cone}$ (kips)	5606.7		
$W_{w,cone}$ (kips)	0.0		
$W_c$ (kips)	115.7		
$W_{w,cyl}$ (kips)	0.0		
Uplift Design Strength (kips)	4309.2	Factored Uplift (kips)	382.0

### Tension:

Design Tensile Strength (kips)	755.5	$T_u$ (kips)	382.0
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### Shear:

$\phi$	0.75		
$V_c$ (kips)	208.6		
$V_s$ (kips)	84.8	$V_{s,max}$ (kips)	1251.9
$\phi V_n$ (kips)	220.0	$V_u$ (kips)	40.0

### Anchor Bolt Pull-Out:

$N_{ua} / \phi N_n$	0.61	$V_{ua} / \phi V_n$	0.12
Rebar Development Length (in)	50.70	Required Length of Development (in)	30.27

Condition	1 is OK, 0 Fails
Download	1
Uplift	1
Area of Steel	1
Shear	1
Anchor Bolt Pull-Out	1
Interaction Diagram	1

**EXHIBIT D**

**COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST**

# KY Public Service Commission

## Master Utility Search

- Search for the utility of interest by using any single or combination of criteria.
- Enter Partial names to return the closest match for Utility Name and Address/City/Contact entries.

Utility ID	Utility Name	Address/City/Contact	Utility Type	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
				▼ Active ▼
<input type="button" value="Search"/>				

	Utility ID	Utility Name	Utility Type	Class	City	State
<input type="button" value="View"/>	4002000	1GLOBAL Operations (US) Inc.	Cellular	D	Durham	NC
<input type="button" value="View"/>	4111300	2600Hz, Inc. dba ZSWITCH	Cellular	D	Henderson	NV
<input type="button" value="View"/>	4115150	ACN Communication Services, LLC dba Flash Wireless dba Flash Mobile	Cellular	D	Charlotte	NC
<input type="button" value="View"/>	4115750	Affiniti Ventures, Inc.	Cellular	C	New York	NY
<input type="button" value="View"/>	4113600	AFNET, LLC	Cellular	D	Alpharetta	GA
<input type="button" value="View"/>	4108300	Air Voice Wireless, LLC d/b/a AirTalk Wireless	Cellular	A	Houston	TX
<input type="button" value="View"/>	4115200	Airespring, Inc.	Cellular	D	Clearwater	FL
<input type="button" value="View"/>	4111900	ALLNETAIR, INC.	Cellular	D	West Palm Beach	FL
<input type="button" value="View"/>	44451184	Alltel Corporation d/b/a Verizon Wireless	Cellular	A	Lisle	IL
<input type="button" value="View"/>	4110850	AltaWorx, LLC	Cellular	D	Fairhope	AL
<input type="button" value="View"/>	4107800	American Broadband and Telecommunications Company	Cellular	D	Toledo	OH
<input type="button" value="View"/>	4108650	AmeriMex Communications Corp.	Cellular	D	Safety Harbor	FL

<a href="#">View</a>	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA
<a href="#">View</a>	4114250	Approved Contact LLC	Cellular	D	Reno	NV
<a href="#">View</a>	4115050	Aquarius Silver LLC	Cellular	D	Sheridan	WY
<a href="#">View</a>	4105700	Assurance Wireless USA, L.P.	Cellular	D	Atlanta	GA
<a href="#">View</a>	4113100	BARK TECHNOLOGIES, INC.	Cellular	D	Charlotte	NC
<a href="#">View</a>	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
<a href="#">View</a>	4106000	Best Buy Health, Inc. d/b/a GreatCall d/b/a Jitterbug	Cellular	A	San Diego	CA
<a href="#">View</a>	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
<a href="#">View</a>	4107600	Boomerang Wireless, LLC	Cellular	A	Dallas	TX
<a href="#">View</a>	4115500	CALL CENTERS INDIA INCORPORATED d/b/a Blueconnects	Cellular		Seattle	WA
<a href="#">View</a>	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
<a href="#">View</a>	4106600	Cintex Wireless, LLC	Cellular	D	Houston	TX
<a href="#">View</a>	4114550	Cliq Communications LLC d/b/a Cliq Mobile	Cellular	D	Coral Gables	FL
<a href="#">View</a>	4111150	Comcast OTR1, LLC	Cellular	A	Phoeniexville	PA
<a href="#">View</a>	4113550	Comlink Total Solutions Corp	Cellular	D	Fort Myers	FL
<a href="#">View</a>	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
<a href="#">View</a>	4112700	Cox Wireless, LLC	Cellular	D	Atlanta	GA
<a href="#">View</a>	4108850	Cricket Wireless, LLC	Cellular	A	San Antonio	TX
<a href="#">View</a>	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	A	Long Island City	NY
<a href="#">View</a>	4114000	Daywalker Mobile Inc.	Cellular	D	Bartlesville	OK
<a href="#">View</a>	4112000	DISH Wireless L.L.C.	Cellular	A	Englewood	CO
<a href="#">View</a>	4111200	Dynalink Communications, Inc.	Cellular	C	Brooklyn	NY
<a href="#">View</a>	4111800	Earthlink, LLC	Cellular	C	Atlanta	GA
<a href="#">View</a>	4101000	East Kentucky Network, LLC dba Appalachian Wireless	Cellular	A	Ivel	KY
<a href="#">View</a>	4002300	Easy Telephone Service Company dba Easy Wireless	Cellular	D	Ocala	FL
<a href="#">View</a>	4109500	Enhanced Communications Group, LLC	Cellular	D	Bartlesville	OK

<a href="#">View</a>	4113800	EVOLVE WIRELESS LLC	Cellular	D	Maumee	OH
<a href="#">View</a>	4110450	Excellus Communications, LLC	Cellular	D	Harrisburg	SD
<a href="#">View</a>	4112400	Excess Telecom Inc.	Cellular	D	Beverly Hills	CA
<a href="#">View</a>	4104800	France Telecom Corporate Solutions L.L.C.	Cellular	D	Herndon	VA
<a href="#">View</a>	4111750	Gabb Wireless, Inc.	Cellular	A	Lehi	UT
<a href="#">View</a>	4109350	Global Connection Inc. of America	Cellular	D	Miami	FL
<a href="#">View</a>	4102200	Globalstar USA, LLC	Cellular	C	Covington	LA
<a href="#">View</a>	4112850	GO TECHNOLOGY MANAGEMENT, LLC	Cellular	D	Atlanta	GA
<a href="#">View</a>	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
<a href="#">View</a>	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
<a href="#">View</a>	4114300	Group F Consulting, LLC	Cellular	D		
<a href="#">View</a>	4114050	Helix Wireless Inc.	Cellular	D	Monmouth Junction	NJ
<a href="#">View</a>	4111350	HELLO MOBILE TELECOM LLC	Cellular	D	Dania Beach	FL
<a href="#">View</a>	4112950	Hoop Wireless, LLC	Cellular	D	Lakewood	NJ
<a href="#">View</a>	4103100	i-Wireless, LLC	Cellular	D	Newport	KY
<a href="#">View</a>	4112550	IDT Domestic Telecom, Inc.	Cellular	D	Newark	NJ
<a href="#">View</a>	4109800	IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Plano	TX
<a href="#">View</a>	4112650	Insight Mobile, Inc.	Cellular	D	Los Angeles	CA
<a href="#">View</a>	4111950	J Rhodes Enterprises LLC	Cellular	D	Gulf Breeze	FL
<a href="#">View</a>	22215360	KDDI America, Inc.	Cellular	D	Staten Island	NY
<a href="#">View</a>	10872	Kentucky RSA #1 Partnership	Cellular	A	Basking Ridge	NJ
<a href="#">View</a>	4112200	Lexvor Inc.	Cellular	D	Irvine	CA
<a href="#">View</a>	4111250	Liberty Mobile Wireless, LLC	Cellular	B	Sunny Isles Beach	FL
<a href="#">View</a>	4114900	Liberty Wireless, LLC	Cellular	D	Rockville	MD
<a href="#">View</a>	4114750	Link Mobile, Inc.	Cellular	D	New York	NY
<a href="#">View</a>	4111400	Locus Telecommunications, LLC	Cellular	B	Fort Lee	NJ
<a href="#">View</a>	4114500	Lux Mobile USA, Inc	Cellular	D	Baton Rouge	LA
<a href="#">View</a>	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
<a href="#">View</a>	4112500	Marconi Wireless Holdings, LLC	Cellular	B	Westlake Village	CA
<a href="#">View</a>	4113850	MAXSIP TEL KENTUCKY LLC d/b/a Maxsip	Cellular	D	Woodmere	NY



		Telecom				
<a href="#">View</a>	4114800	Mediacom Wireless LLC	Cellular	D	Mediacom Park	NY
<a href="#">View</a>	4108800	MetroPCS Michigan, LLC	Cellular	A	Bellevue	WA
<a href="#">View</a>	4111700	Mint Mobile, LLC	Cellular	A	Costa Mesa	CA
<a href="#">View</a>	4115100	Mobile 13, Inc	Cellular	D	South Jordan	UT
<a href="#">View</a>	4114100	MVNO Connect LLC	Cellular	D	St. Petersburg	FL
<a href="#">View</a>	4113350	NatWireless, LLC	Cellular	D	Houston	TX
<a href="#">View</a>	4202400	New Cingular Wireless PCS, LLC	Cellular	A	San Antonio	TX
<a href="#">View</a>	4110700	Norcell, LLC	Cellular	D	Clayton	WA
<a href="#">View</a>	4113700	Nova Labs, Inc. dba Helium Mobile	Cellular	D	Las Vegas	NV
<a href="#">View</a>	4110750	Onvoy Spectrum, LLC	Cellular	D	Chicago	IL
<a href="#">View</a>	4114950	Panda Mobile LLC	Cellular	D	Sparks	NV
<a href="#">View</a>	4109050	Patriot Mobile LLC	Cellular	A	Grapevine	TX
<a href="#">View</a>	4115600	PHREELI COMPANY	Cellular	D	Lewes	DE
<a href="#">View</a>	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
<a href="#">View</a>	4115650	PLUG MOBILE LLC	Cellular	C	St. Louis	MO
<a href="#">View</a>	33351182	PNG Telecommunications, Inc. dba PowerNet Global Communications	Cellular	D	Cincinnati	OH
<a href="#">View</a>	4114850	POWER MOBILE LLC	Cellular	C	Rockville Centre	NY
<a href="#">View</a>	4112800	Prepaid Wireless Group, LLC dba Prepaid Wireless Wholesale	Cellular	D	Rockville	MD
<a href="#">View</a>	4115550	Prepaid Wireless Wholesale of Maryland, LLC	Cellular	C	Rockville	MD
<a href="#">View</a>	4114350	PRESTO WIRELESS Corp.	Cellular	D	Fair Lawn	NJ
<a href="#">View</a>	4115000	Prosper Wireless LLC	Cellular	C	Sherman Oaks	CA
<a href="#">View</a>	4107700	Puretalk Holdings, Inc.	Cellular	B	Covington	GA
<a href="#">View</a>	4106700	Q Link Wireless, LLC	Cellular	A	Dania	FL
<a href="#">View</a>	4115900	RABONA CORPORATION	Cellular	C	New York	NY
<a href="#">View</a>	4113200	Red Pocket Inc.	Cellular	D	Thousand Oaks	CA
<a href="#">View</a>	4114200	Roccstar Wireless LLC	Cellular	D	Bedford	TX
<a href="#">View</a>	4114700	Rocket Mobile LLC	Cellular	C	West Palm Beach	FL
<a href="#">View</a>	4115400	RSCU Mobile, LLC	Cellular	D	Alpine	UT

<a href="#">View</a>	4106200	Rural Cellular Corporation	Cellular	A	Basking Ridge	NJ
<a href="#">View</a>	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	A	Los Angeles	CA
<a href="#">View</a>	4113050	Sarver Corporation	Cellular	D	Rancho Cucamonga	CA
<a href="#">View</a>	4109150	SelecTel, Inc. d/b/a SelecTel Wireless	Cellular	A	Fremont	NE
<a href="#">View</a>	4110150	Spectrotel of the South LLC dba Touch Base Communications	Cellular	D	Neptune	NJ
<a href="#">View</a>	4111450	Spectrum Mobile, LLC	Cellular	A	St. Louis	MO
<a href="#">View</a>	4114400	Splash Cellular Inc.	Cellular	D	Bountiful	UT
<a href="#">View</a>	4111600	STX Group LLC dba Twigby	Cellular	D	Murfreesboro	TN
<a href="#">View</a>	4115450	Surf Telecom, LLC	Cellular	D	Key Bixcayne	FL
<a href="#">View</a>	4113450	Syntegra North America, LLC	Cellular	D	Denton	TX
<a href="#">View</a>	4202200	T-Mobile Central, LLC dba T-Mobile	Cellular	A	Bellevue	WA
<a href="#">View</a>	4002500	TAG Mobility, LLC d/b/a TAG Mobile	Cellular	D	Plano	TX
<a href="#">View</a>	4115850	TELCO Communications LLC dba TELCO CELLULAR	Cellular	C	Oceanside	NY
<a href="#">View</a>	4107200	Telefonica Global Solutions USA, Inc.	Cellular	D	Miami	FL
<a href="#">View</a>	4112100	Tello LLC	Cellular	A	Atlanta	GA
<a href="#">View</a>	4108900	Telrite Corporation	Cellular	D	Covington	GA
<a href="#">View</a>	4108450	Tempo Telecom, LLC	Cellular	D	Dallas	TX
<a href="#">View</a>	4113900	TERRACOM Inc. d/b/a Maxsip Tel	Cellular	D	Chattanooga	TN
<a href="#">View</a>	4113950	THE LIGHT PHONE INC.	Cellular	D	Brooklyn	NY
<a href="#">View</a>	4113250	Thrive Health Tech, Inc.	Cellular	D	Nashville	TN
<a href="#">View</a>	4110400	Torch Wireless Corp.	Cellular	C	Bartlett	TN
<a href="#">View</a>	4103300	Touchtone Communications, Inc.	Cellular	D	Cedar Knolls	NJ
<a href="#">View</a>	4104200	TracFone Wireless, Inc.	Cellular	D	Miami	FL
<a href="#">View</a>	4115350	TREK CELLULAR, LLC	Cellular	D	Stevensville	MD
<a href="#">View</a>	4112250	TROOMI WIRELESS, Inc.	Cellular	B	Orem	UT
<a href="#">View</a>	4114600	TruConnect Communications, Inc.	Cellular	D	Los Angeles	CA
<a href="#">View</a>	4112600	Tube Incorporated dba Reach Mobile	Cellular	D	Atlanta	GA
<a href="#">View</a>	4112750	Unity Wireless, Inc.	Cellular	D	Pembroke Pines	FL

<a href="#">View</a>	4115800	USA Mobile LLC	Cellular	C	Laguna Beach	CA
<a href="#">View</a>	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	C	Costa Mesa	CA
<a href="#">View</a>	10630	Verizon Americas LLC dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
<a href="#">View</a>	4113300	Via Wireless, LLC	Cellular	D	Houston	TX
<a href="#">View</a>	4110800	Visible Service LLC	Cellular	D	Basking Ridge	NJ
<a href="#">View</a>	4115700	Viva-US Communications, Inc.	Cellular	C	San Diego	CA
<a href="#">View</a>	4113750	VOLT MOBILE Inc	Cellular	D	Delray Beach	FL
<a href="#">View</a>	4114450	WeIncentivize LLC d/b/a ChosenWireless	Cellular	D	San Diego	CA
<a href="#">View</a>	4113000	Whoop Connect Inc.	Cellular	D	Melbourne	FL
<a href="#">View</a>	4115250	WHOOP MOBILE INC.	Cellular	C	Melbourne	FL
<a href="#">View</a>	4106500	WiMacTel, Inc.	Cellular	D	Calgary, AB	CA
<a href="#">View</a>	4110950	Wing Tel Inc.	Cellular	C	New York	NY
<a href="#">View</a>	4113400	Wrizzle, Inc.	Cellular	D	New Milford	CT
<a href="#">View</a>	4113650	XCHANGE TELECOM LLC	Cellular	D	Brooklyn	NY
<a href="#">View</a>	4112150	Zefcom, LLC	Cellular	C	Wichita Falls	TX

**EXHIBIT E**

**FEDERAL AVIATION ADMINISTRATION  
DETERMINATION OF NO HAZARD TO AIR NAVIGATION**



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

Aeronautical Study No.  
2024-ASO-15283-OE

Issued Date: 10/07/2024

Julie Heffernan  
The Towers, LLC  
7500 Park of Commerce Dr  
Suite 200  
Boca Raton, FL 33487

**\*\* 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 US-KY-5227 - Bardwell North
Location:	Bardwell, KY
Latitude:	36-53-03.40N NAD 83
Longitude:	89-00-20.46W
Heights:	389 feet site elevation (SE) 260 feet above ground level (AGL) 649 feet above mean sea level (AMSL)

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 M, 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 Air Missions (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)  
☒ 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 04/07/2026 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 (718) 553-2611, or [angelique.eersteling@faa.gov](mailto:angelique.eersteling@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-ASO-15283-OE.

**Signature Control No: 628981198-635448347**

( DNE )

Angelique Eersteling  
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.

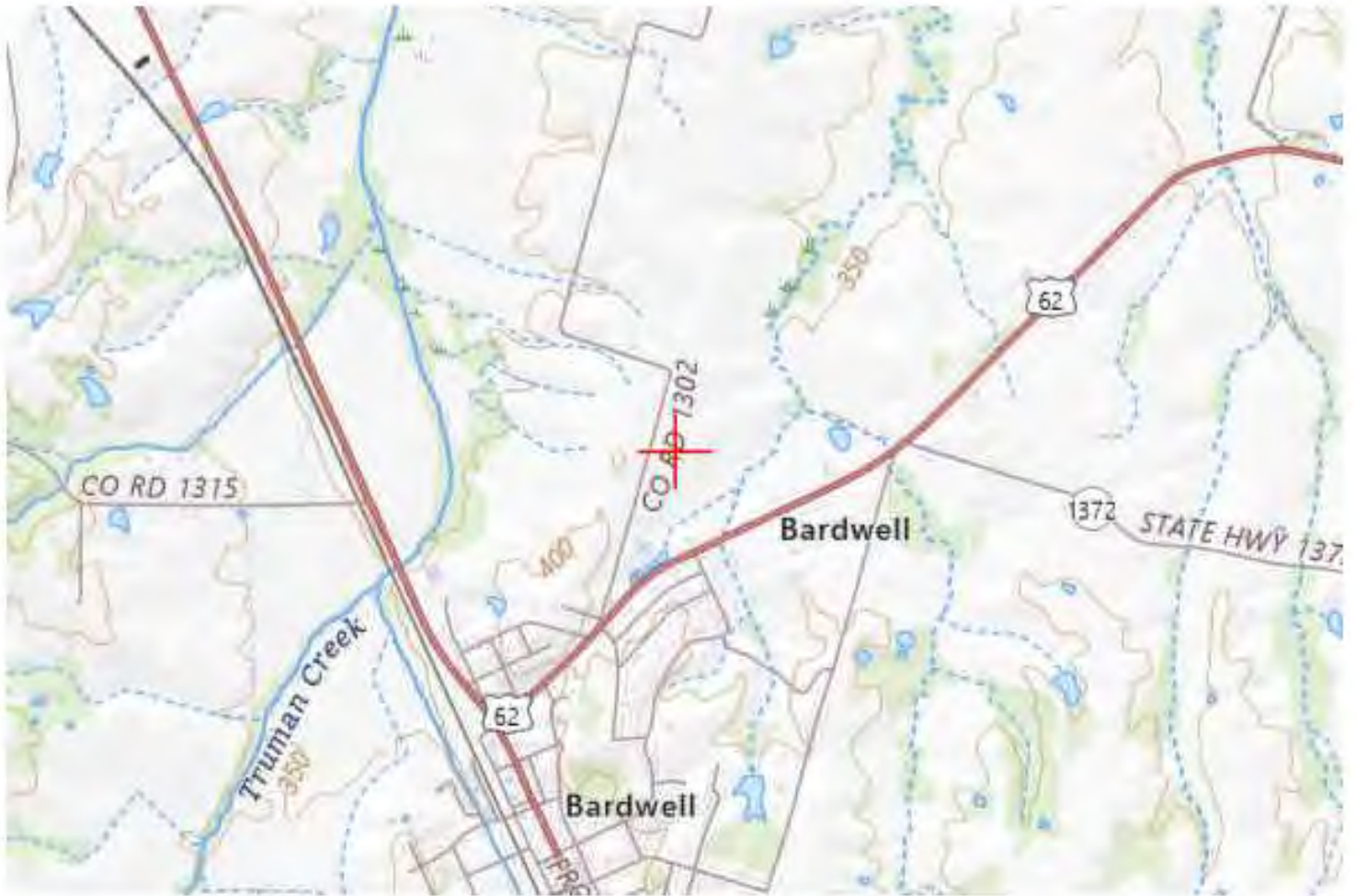
As the telecommunication companies and FAA refine the tools and methodology, the allowable frequencies and power levels may change in the FAA 5G C band compatibility evaluation process. Therefore, your proposal will not have a substantial adverse effect on the safe and efficient use of the navigable 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.



# Frequency Data for ASN 2024-ASO-15283-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	2000	W
614	698	MHz	1000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	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	3280	W





**EXHIBIT F**

**KENTUCKY AIRPORT ZONING COMMISSION  
APPROVAL DOCUMENTATION**



## KENTUCKY AIRPORT ZONING COMMISSION

ANDY BESHEAR  
Governor

Department of Aviation, 90 Airport Road  
Frankfort, KY 40601  
[www.transportation.ky.gov](http://www.transportation.ky.gov)  
502-564-0151

JIM GRAY  
Secretary

### APPROVAL OF APPLICATION

Thursday, February 13, 2025

The Towers, LLC  
750 Park of Commerce Drive, Suite 200  
Boca Raton, FL 33487

**AS-2025-008-PAH**                      **Barkley Regional Airport**  
**APPLICANTS NAME:**              The Towers, LLC  
**NEAREST CITY:**                      Bardwell, KY  
**LATITUDE/LONGITUDE:**              36°53'3.4" N, 89°00'20.46" W  
**HEIGHT (In Feet):**                      260' AGL /649' AMSL  
**CONSTRUCTION PROPOSED:**      Telecommunications Tower

**NOTES:** The tower location is approximately 16+ nm SSW of PAH, exceeds 200 ft AGL, and penetrates no protected air surfaces.

**FAA DETERMINATION:** 2024-ASO-15283-OE. No Hazard to Air Navigation. Marked & lighted IAW FAA AC 70/7460-1 M C1; a med-dual system-Chapters 4,8(M-Dual) &15.

This letter is to notify you that the Kentucky Airport Zoning Commission approved your permit application for the construction of Structures at the Location, Coordinates, and Height as indicated above. Construction must comply with requirements, if any, listed in the FAA Determination.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

An email of this letter was also sent to your representative, Robert Rodriguez, at [Robert.Rodriguez@verticalbridge.com](mailto:Robert.Rodriguez@verticalbridge.com). If you have any questions, please contact us.

Respectfully,  
*Anthony Adams*  
Airport Zoning Administrator  
Department of Aviation  
502-564-0151 office  
[AirportZoning@ky.gov](mailto:AirportZoning@ky.gov)



**EXHIBIT G**  
**GEOTECHNICAL REPORT**



# DELTA OAKS GROUP

## GEOTECHNICAL INVESTIGATION REPORT

February 13, 2025

Prepared For:

Vertical Bridge



**Bardwell North**

**US-KY-5227**

**Proposed 250-Foot Self-Supporting Tower**

County Road 1302, Bardwell (Carlisle County), Kentucky 42023

Latitude N 36.884279° Longitude W 89.005683°

Delta Oaks Group Project GEO24-23895-08

Revision 0

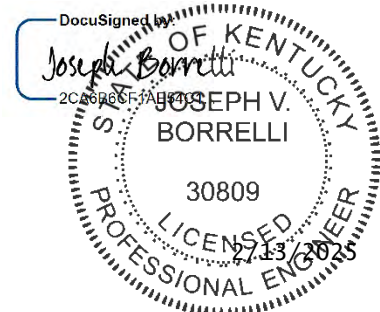
[geotech@deltaoaksgroup.com](mailto:geotech@deltaoaksgroup.com)

Performed By:

Sarah C. Russek, P.E.

Reviewed By:

Joseph V. Borrelli, Jr., P.E.







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### INTRODUCTION

This geotechnical investigation report has been completed for the proposed 250-foot self-supporting tower located at County Road 1302 in Bardwell (Carlisle County), Kentucky. The purpose of this investigation was to provide engineering recommendations and subsurface condition data at the proposed tower location. A geotechnical engineering interpretation of the collected information was completed and utilized to suggest design parameters regarding the adequacy of the structure's proposed foundation capacity under various loading conditions. This report provides the scope of the geotechnical investigation; geologic material identification; results of the geotechnical laboratory testing; and design parameter recommendations for use in the design of the telecommunication facility's foundation and site development.

### SITE CONDITION SUMMARY

The proposed tower and compound are located on an agricultural field exhibiting a generally flat topography across the tower compound and subject property.

### REFERENCES

- Civil Drawings, provided by Vertical Bridge, dated October 8, 2024
- TIA Standard (TIA-222-G), dated August 2005

### SUBSURFACE FIELD INVESTIGATION SUMMARY

The subsurface field investigation was conducted through the advancement of one mechanical soil test boring to the termination depth of 55.5 feet bgs. Samples were obtained at selected intervals in accordance with ASTM D 1586. The sampling was conducted at the staked centerline of the proposed tower. Soil samples were transported to our laboratory and classified by a geotechnical engineer in accordance with ASTM D 2487. A detailed breakdown of the material encountered in our subsurface field investigation can be found in the boring log presented in the Appendix of this report.

A boring plan portraying the spatial location of the boring in relation to the proposed tower, tower compound and immediate surrounding area can be found in the Appendix.





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### **SUBSURFACE CONDITION SUMMARY**

The following provides a general overview of the site's subsurface conditions based on the data obtained during our field investigation.

#### ***FILL***

Fill material was not encountered during the subsurface field investigation.

#### ***SOIL***

The residual soil encountered in the subsurface field investigation began at the existing ground surface in the boring and consisted of lean clay, sandy lean clay, and clayey sand. The materials ranged from a soft to very stiff consistency and a medium dense relative density.

Auger advancement refusal was not encountered during the subsurface field investigation.

#### ***ROCK***

Rock was not encountered during the subsurface field investigation.

#### ***SUBSURFACE WATER***

At the time of drilling, subsurface water was encountered during the subsurface investigation at a depth of 50.0 feet bgs. However, subsurface water elevations can fluctuate throughout the year due to variations in climate, hydraulic parameters, nearby construction activity and other factors.

#### ***FROST PENETRATION***

The frost penetration depth for Carlisle County, Kentucky is 20 inches (1.7 feet).

#### ***CORROSIVITY***

Soil resistivity was performed in accordance with ASTM G187 with a test result of 3,530 ohms-cm.



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### FOUNDATION DESIGN SUMMARY

In consideration of the provided tower parameters and the determined soil characteristics, Delta Oaks Group recommends utilizing a drilled shaft foundation for the proposed structure. We recommend the use of a deep foundation due to the weaker soils encountered near the shallow foundation bearing depth. If a shallow foundation were utilized, there would be potential for bearing failure or excessive settlement. The strength parameters presented in the following sections can be utilized for design of the foundation.

### GENERAL SUBSURFACE STRENGTH PARAMETERS

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-1	0.0 - 2.0	CL	105	0	300
	2.0 - 6.0	CL	115	0	600
	6.0 - 8.0	CL	120	0	1,000
	8.0 - 18.0	CL	120	0	900
	18.0 - 23.0	CL	120	0	1,900
	23.0 - 28.0	CL	120	0	1,000
	28.0 - 33.0	CL	120	0	1,100
	33.0 - 38.0	CL	120	0	2,900
	38.0 - 43.0	CL	120	0	1,200
	43.0 - 53.0	CL	120 / 58	0	800
	53.0 - 55.5	SC	120 / 58	34	0

- The buoyant unit weight of soil should be utilized below a depth of 50.0 feet bgs.
- The unit weight provided assumes overburden soil was compacted to a minimum of 95% of the maximum dry density as obtained by the standard Proctor method (ASTM D 698) and maintained a moisture content within 3 percent of optimum
- The values provided for phi angle and cohesion should be considered ultimate.



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## SUBSURFACE STRENGTH PARAMETERS - DRILLED SHAFT FOUNDATION

Boring	Depth (bgs)	Net Ultimate Bearing Capacity (psf)	Ultimate Skin Friction - Compression (psf)	Ultimate Skin Friction - Uplift (psf)
B-1	0.0 - 3.0	--	--	--
	3.0 - 6.0	7,780	320	320
	6.0 - 8.0	7,830	540	540
	8.0 - 13.0	7,770	490	490
	13.0 - 18.0	12,480	490	490
	18.0 - 23.0	8,590	1,040	1,040
	23.0 - 28.0	8,880	550	550
	28.0 - 33.0	17,430	600	600
	33.0 - 38.0	7,830	1,590	1,590
	38.0 - 43.0	5,880	660	660
	43.0 - 48.0	5,790	430	430
	48.0 - 53.0	12,760	440	440
	53.0 - 55.5	19,340	1,770	1,320

- The top 3.0 feet of soil should be ignored due to the frost penetration and the potential soil disturbance during construction.
- The values presented assume the concrete is cast-in-place against earth walls and any casing utilized during construction of the foundation was removed.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.



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### CONSTRUCTION

#### **SITE DEVELOPMENT**

The proposed access road and tower compound should be evaluated by a Geotechnical Engineer, or their representative, after the removal or "cutting" of the areas to design elevation but prior to the placement of any structural fill material to verify the presence of unsuitable or weak material. Unsuitable or weak materials should be undercut to a suitable base material as determined by a Geotechnical Engineer, or their representative. Backfill of any undercut area(s) should be conducted in accordance with the recommendations provided in the *STRUCTURAL FILL PLACEMENT* section of this report.

Excavations should be sloped or shored in accordance and compliance with OSHA 29 CFR Part 1926, Excavation Trench Safety Standards as well as any additional local, state and federal regulations.

#### **STRUCTURAL FILL PLACEMENT**

Structural fill materials should be verified, prior to utilization, to have a minimum unit weight of 110 pcf (pounds per cubic foot) when compacted to a minimum of 95% of its maximum dry density and within plus or minus 3 percentage points of optimum moisture. Materials utilized should not contain more than 5 percent by weight of organic matter, waste, debris or any otherwise deleterious materials. The Liquid Limit should be no greater than 40 with a Plasticity Index no greater than 20. Structural fill material should contain a maximum particle size of 4 inches with 20 percent or less of the material having a particle size between 2 and 4 inches. Backfill should be placed in thin horizontal lifts not to exceed 8 inches (loose) in large grading areas and 4 inches (loose) where small handheld or walk-behind compaction equipment will be utilized. The potential suitability of on-site materials to be utilized as fill should be evaluated by a Geotechnical Engineer, or their representative just prior to construction.

During construction structural fill placement should be monitored and tested. This should include at minimum, visual observation as well as a sufficient amount of in-place field density tests by a Geotechnical Engineer, or their representative. Materials should be compacted to a minimum of 95% of the maximum dry density as determined by ASTM D 698 (standard Proctor method). Moisture contents should be maintained to within plus or minus 3 percentage points of the optimum moisture content.

#### **SHALLOW FOUNDATIONS**

Foundation excavation(s) should be evaluated by a Geotechnical Engineer, or their representative, prior to reinforcing steel and concrete placement. This evaluation should include visual observation to verify a level bearing surface; vertical side-walls with no protrusions, sloughing or caving; and the exposed bearing surface is free of deleterious material, loose soil and standing water. Excavation dimensions should be verified and testing performed on the exposed bearing surface to verify compliance with design recommendations. Bearing testing should be conducted in accordance with ASTM STP399 (Dynamic Cone Penetrometer). A 6-inch layer of compacted crushed stone should be installed prior to reinforcing steel and concrete placement. If subsurface water is encountered during excavation dewatering methods such as sump pumps or well points may be required.



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### ***DRILLED SHAFT FOUNDATIONS***

Drilled shaft foundations (caissons) are typically installed utilizing an earth auger to reach the design depth of the foundation. Specialized roller bits or core bits can be utilized to penetrate boulders or rock. The equipment utilized should have cutting teeth to result in an excavation with little or no soil smeared or caked on the excavation sides with spiral-like corrugated walls. The drilled shaft design diameter should be maintained throughout the excavation with a plumbness tolerance of 2 percent of the length and an eccentricity tolerance of 3 inches from plan location. A removable steel casing can be installed in the shaft to prevent caving of the excavation sides due to soil relaxation. Upon completion of the drilling and casing placement, loose soils and subsurface water greater than 3-inches in depth should be removed from the bottom of the excavation for the "dry" installation method. The drilled shaft installation should be evaluated by a Geotechnical Engineer, or their representative, to verify suitable end bearing conditions, design diameter and bottom cleanliness. The evaluation should be conducted immediately prior to as well as during concrete placement operations.

The drilled shaft should be concreted as soon as reasonably practical after excavation to reduce the deterioration of the supporting soils to prevent potential caving and water intrusion. A concrete mix design with a slump of 6 to 8 inches employed in conjunction with the design concrete compressive strength should be utilized for placement. Super plasticizer may be required to obtain the recommended slump range. During placement, the concrete may fall freely through the open area in the reinforcing steel cage provided it does not strike the reinforcing steel and/or the casing prior to reaching the bottom of the excavation. The removable steel casing should be extracted as concrete is placed. During steel casing removal a head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the bottom of the casing.

If subsurface water is anticipated and/or weak soil layers are encountered drilled shafts are typically installed utilizing the "wet" method by excavating beneath a drilling mud slurry. The drilling mud slurry is added to the drilled shaft excavation after groundwater has been encountered and/or the sides of the excavation are observed to be caving or sloughing. Additional inspection by a Geotechnical Engineer, or their representative, during the "wet" method should consist of verifying maintenance of sufficient slurry head, monitoring the specific gravity, pH and sand content of the drilling slurry, and monitoring any changes in the depth of the excavation between initial approval and just prior to concreting.

Concrete placement utilizing the "wet" method is conducted through a tremie pipe at the bottom of the excavation with the drilling mud slurry level maintained at a minimum of 5 feet or one shaft diameter, whichever is greater, above the ground water elevation. The bottom of the tremie should be set one tremie pipe diameter above the excavation. A closure flap at the bottom of the tremie or a sliding plug introduced into the tremie before the concrete is recommended to reduce the potential contamination of the concrete by the drilling mud slurry. The bottom of the tremie must be maintained in the concrete during placement. Additional concrete should be placed through the tremie causing the slurry to overflow from the excavation in order to reduce the potential for the development of "slurry pockets" remaining in the drilled shaft.



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### QUALIFICATIONS

The design parameters and conclusions provided in this report have been determined in accordance with generally accepted geotechnical engineering practices and are considered applicable to a rational degree of engineering certainty based on the data available at the time of report preparation and our practice in this geographic region. All recommendations and supporting calculations were prepared based on the data available at the time of report preparation and knowledge of typical geotechnical parameters in the applicable geographic region.

The subsurface conditions used in the determination of the design recommendations contained in this report are based on interpretation of subsurface data obtained at specific boring locations. Irrespective of the thoroughness of the subsurface investigation, the potential exists that conditions between borings will differ from those at the specific boring locations, that conditions are not as anticipated during the original analysis, or that the construction process has altered the soil conditions. That potential is significantly increased in locations where existing fill materials are encountered. Additionally, the nature and extent of these variations may not be evident until the commencement of construction. Therefore, a geotechnical engineer, or their representative, should observe construction practices to confirm that the site conditions do not differ from those conditions anticipated in design. If such variations are encountered, Delta Oaks Group should be contacted immediately in order to provide revisions and/or additional site exploration as necessary.

Samples obtained during our subsurface field investigation will be retained by Delta Oaks Group for a period of 30 days unless otherwise instructed by Vertical Bridge. No warranty, expressed or implied, is presented.

Delta Oaks Group appreciates the opportunity to be of service for this Geotechnical Investigation Report. Please do not hesitate to contact Delta Oaks Group with any questions or should you require additional service on this project.



# DELTA OAKS GROUP

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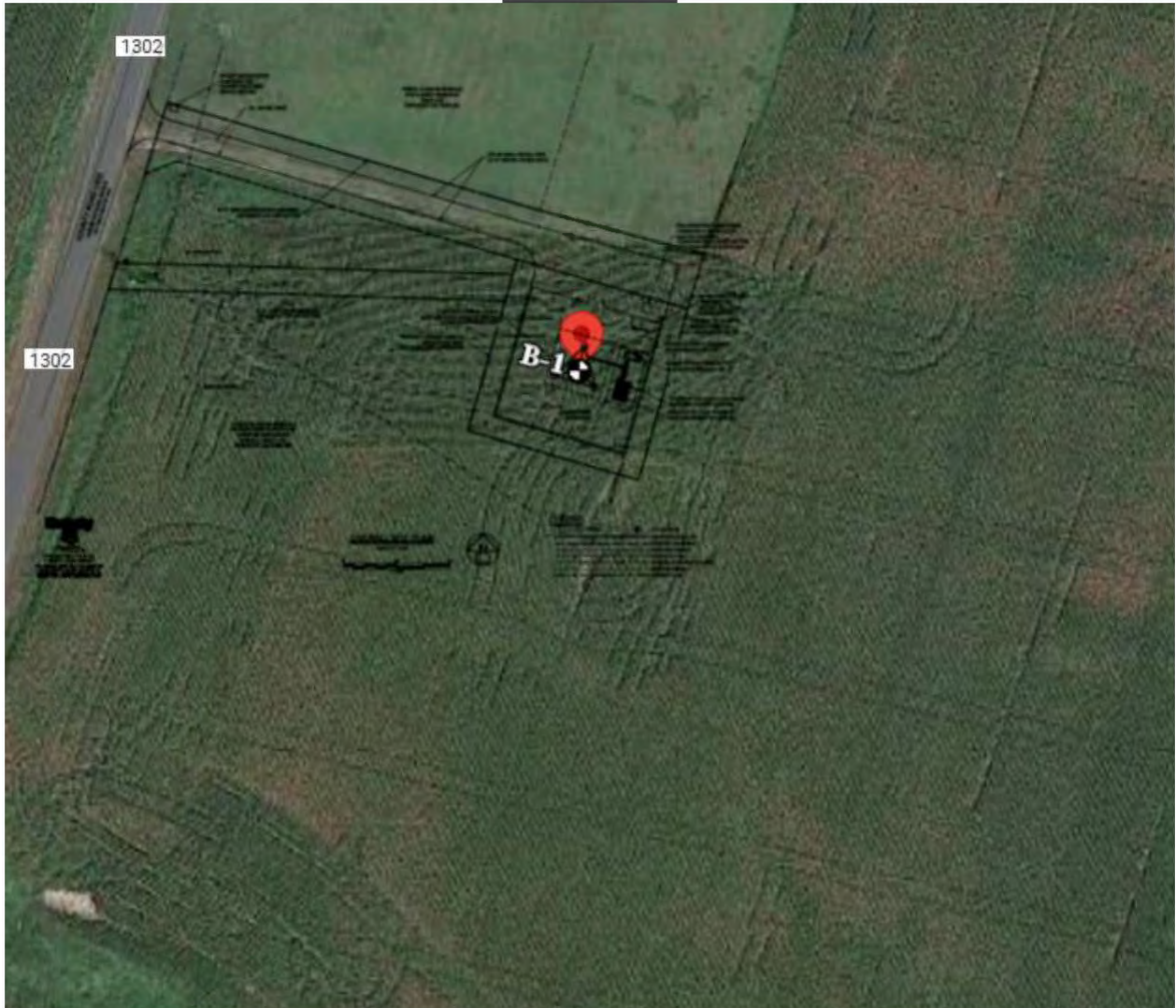
## APPENDIX





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## BORING PLAN





**PROJECT LOCATION** Bardwell, Kentucky

PAGE 1 OF 1

**BORING DEPTH (ft) :** 55.5

**GROUND WATER LEVELS:**

**⚠ AFTER DRILLING : --- Not measured**

[illegible]

## **EXHIBIT H**

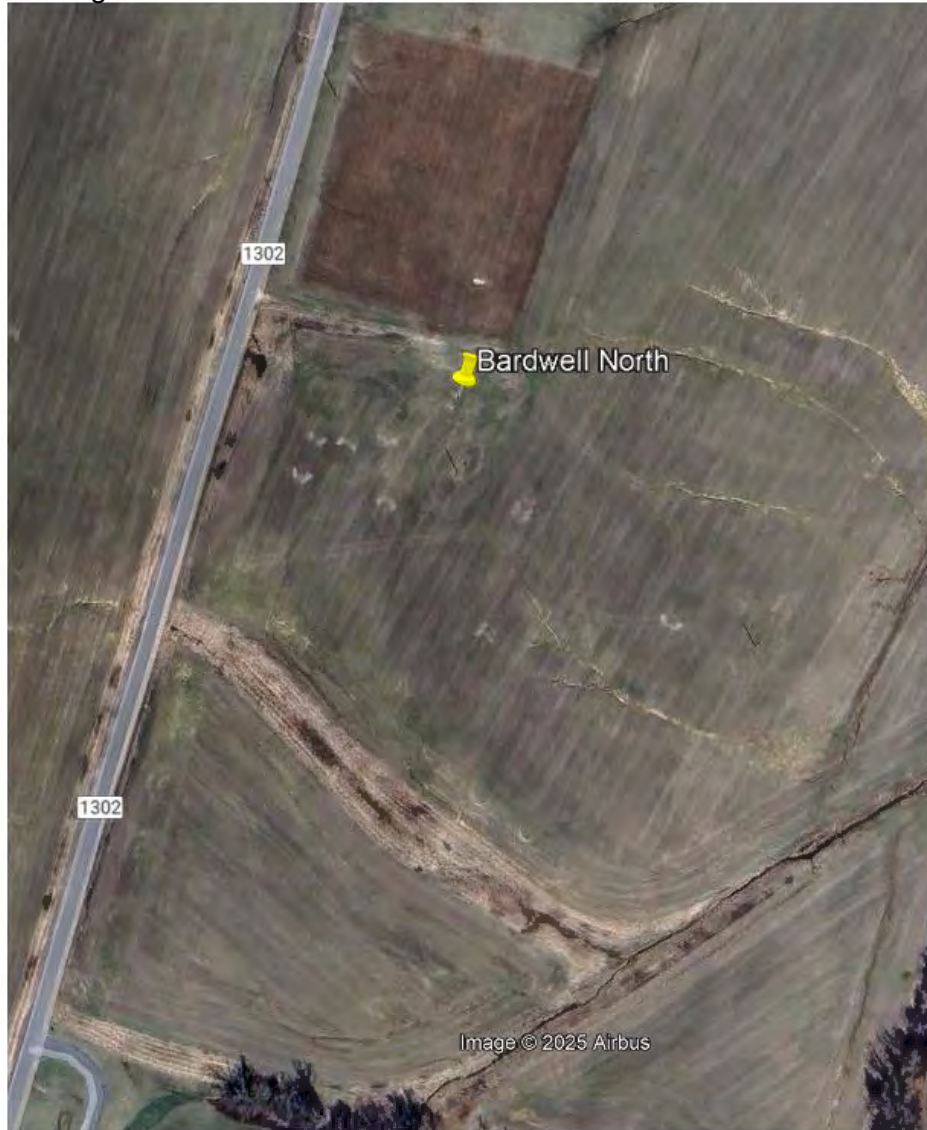
### **DIRECTIONS TO WCF SITE**

**Driving Directions to Proposed Tower Site**

1. Beginning at 985 US Highway 62, head north towards US Highway 62.
2. Turn left onto US Highway 62 and travel approximately 0.6 miles.
3. Turn right onto Webb School Road (Highway 1302) and travel approximately 0.4 miles.
4. The site is on the right.
5. The site coordinates are:

North 36 deg 53 min 03.403623 sec

West 89 deg 00 min 20.457381 sec



Prepared by:  
Aaron Roof  
Pike Legal Group PLLC  
1578 Highway 44 East, Suite 6  
P.O. Box 369  
Shepherdsville, KY 40165-3069  
Telephone: 502-955-4400 or 800-516-4293

**EXHIBIT I**

**COPY OF REAL ESTATE AGREEMENT**

**Landlord:**

Michael Edward Mantle Jaqueline Ann Mantle  
PO Box 120  
Bardwell, Kentucky 42023

**Tenant:**

The Towers, LLC  
750 Park of Commerce Drive, Suite 200  
Boca Raton, Florida 33487

**Site #: US-KY-5227**

**Site Name: Bardwell North**

**OPTION AND LEASE AGREEMENT**

**THIS OPTION AND LEASE AGREEMENT** (this "**Agreement**") is made this 14 day of June, 2024 (the "**Effective Date**") by and between **Michael Edward Mantle and Jaqueline Ann Mantle**, as joint tenants with right of survivorship ("**Landlord**"), whose address is PO Box 120, Bardwell, Kentucky 42023, and **The Towers, LLC**, a Delaware limited liability company ("**Tenant**"), whose address is 750 Park of Commerce Drive, Suite 200, Boca Raton, Florida 33487.

**WHEREAS**, Landlord owns certain real property located in the County of Carlisle, in the State or Commonwealth of Kentucky, that is more particularly described and/or depicted in **Exhibit 1** attached hereto (the "**Property**"); and,

**WHEREAS**, Tenant desires to lease from Landlord a certain portion of the Property measuring approximately 10,000 square feet and to obtain easements for landscape buffer, utilities and access (collectively, the "**Premises**"), which Premises is more particularly described and/or depicted in **Exhibit 2** attached hereto, for the placement of Communications Facilities (defined below).

**NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree:

**1. OPTION TO LEASE.**

(a) As of the Effective Date, Landlord grants to Tenant the exclusive option to lease the Premises (the "**Option**") during the Option Period (defined below). At any time during the Option Period and Term (defined below), Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, and other geological or engineering tests or studies of the Property (collectively, the "**Tests**"), to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises including, without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, construction permits and any other permits and approvals deemed necessary by Tenant (collectively, the "**Government Approvals**"), initiate the ordering and/or scheduling of necessary utilities, obtain a title report with respect to the Property, and otherwise to do those things on or off the Property that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Property, the environmental history of the Property, and the feasibility or suitability of the Property for Tenant's permitted use under this Agreement, all at Tenant's expense. Tenant shall be authorized to apply for the Government Approvals on behalf of Landlord and Landlord agrees to reasonably cooperate with such applications. Tenant will not be

liable to Landlord or any third party on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Tenant's Tests. Tenant will restore the Property to its condition as it existed prior to conducting any Tests, reasonable wear and tear and casualty not caused by Tenant excepted. In addition, Tenant shall indemnify, defend and hold Landlord harmless from and against any and all injury, loss, damage or claims arising directly out of Tenant's Tests.

(b) In consideration of Landlord granting Tenant the Option, Tenant agrees to pay Landlord the sum of [REDACTED] within thirty (30) days of the full execution of this Agreement. The Option Period will be for a term of two (2) years from the Effective Date (the "**Option Period**").

(c) Tenant may exercise the Option at any time during the Option Period by delivery of written notice to Landlord (the "**Notice of Exercise of Option**"). The Notice of Exercise of Option shall set forth the commencement date (the "**Commencement Date**") of the Initial Term (defined below). If Tenant does not provide a Notice of Exercise of Option during the Option Period, this Agreement will terminate and the parties will have no further liability to each other.

(d) During the Option Period or the Term, Landlord shall not take any action to change the zoning status or land use of the Property which would diminish, impair, or adversely affect the use of the Premises by Tenant for its permitted uses hereunder.

## **2. TERM.**

(a) Effective as of the Commencement Date, Landlord leases the Premises to Tenant subject to the terms and conditions of this Agreement for an initial term of five (5) years (the "**Initial Term**").

(b) Tenant shall have the option to extend the Initial Term for nine (9) successive terms of five (5) years each (each a "**Renewal Term**"). Each Renewal Term shall commence automatically, unless Tenant delivers notice to Landlord, not less than thirty (30) days prior to the end of the then-current Term, of Tenant's intent not to renew. For purposes of this Agreement, "**Term**" shall mean the Initial Term and any applicable Renewal Term(s).

## **3. RENT**

(a) Beginning on the first (1<sup>st</sup>) day of the third (3<sup>rd</sup>) month after the Commencement Date ("**Rent Commencement Date**"), Tenant shall pay to Landlord a monthly rent payment of [REDACTED] ("**Rent**") at the address set forth in Section 29 above on or before the fifth (5<sup>th</sup>) day of each calendar month in advance. The initial payment of Rent will be forwarded by Tenant to Landlord within thirty (30) days after the Rent Commencement Date.

(b) Beginning on the first anniversary of the Rent Commencement Date of the first Renewal Term and each five-year anniversary of the Rent Commencement Date of each Renewal Term thereafter throughout the remainder of the Term and Renewal Term(s), if any, the Rent shall be increased by an amount equal to [REDACTED] of the amount of the Rent for the previous Term or previous Renewal Term, as the case may be, which sum shall be payable in equal monthly installments in advance as herein set forth.

**4. TAXES.** Tenant shall pay any personal property taxes assessed on, or any portion of such taxes attributable to, the Communications Facilities located on the Premises. Landlord shall pay when due all real property taxes and all other fees and assessments attributable to the Property and the Premises. Tenant shall pay as additional rent any increase in real property taxes levied against the Premises, which are directly

attributable to Tenant's use of the Premises (but not, however, taxes attributable to periods prior to the Commencement Date such as roll-back or greenbelt assessments) if Landlord furnishes proof of such increase to Tenant (such increase, the "**Landlord Tax Reimbursement**"). In the event that Landlord fails to pay when due any taxes affecting the Premises or any easement relating to the Premises, Tenant shall have the right, but not the obligation, to pay such taxes and any applicable interest, penalties or similar charges, and deduct the full amount of the taxes and such charges paid by Tenant on Landlord's behalf from future installments of Rent. Notwithstanding the foregoing, Tenant shall not have the obligation to pay any tax, assessment, or charge that Tenant is disputing in good faith in appropriate proceedings prior to a final determination that such tax is properly assessed, provided that no lien attaches to the Property. In addition, Tenant shall not have the obligation to pay or reimburse Landlord for the Landlord Tax Reimbursement if Landlord has not provided proof of such amount and demand therefor within one (1) year of the date such amount is due and payable by Landlord.

**5. USE.** The Premises are being leased for the purpose of erecting, installing, operating, maintaining, repairing and replacing radio or communications towers, transmitting and receiving equipment, antennas, dishes, satellite dishes, mounting structures, equipment shelters and buildings, solar energy conversion and electrical power generation system, fencing and other supporting structures and related equipment (collectively, the "**Communications Facilities**"), and to alter, supplement and/or modify same. Tenant may, subject to the foregoing, make any improvements, alterations or modifications to the Premises as are deemed appropriate by Tenant for the permitted use herein. Tenant shall have the right to clear the Premises of any trees, vegetation, or undergrowth which interferes with the use of the Premises for the intended purposes by Tenant and/or its subtenants and licensees, as applicable. Tenant shall have the exclusive right to install and operate the Communications Facilities upon the Premises.

**6. ACCESS AND UTILITIES.** During the Term, Tenant and its guests, agents, employees, customers, invitees, subtenants, licensees and assigns shall have the unrestricted, exclusive right to use, and shall have free and unfettered access to, the Premises seven (7) days a week, twenty-four (24) hours a day. Landlord for itself, its successors and assigns, hereby grants and conveys unto Tenant, its customers, employees, agents, invitees, subtenants, licensees, successors and assigns a non-exclusive easement throughout the Term to a public right of way (a) for ingress and egress, and (b) for the construction, installation, operation, maintenance, repair and replacement of overhead and underground electric and other utility facilities (including fiber, backhaul, wires, poles, guys, cables, conduits and appurtenant equipment), with the right to reconstruct, improve, add to, enlarge, change and remove such facilities, over, across and through any easement for the benefit of and access to the Premises, subject to the terms and conditions herein set forth. Landlord agrees to coordinate, cooperate and assist Tenant with obtaining the required access and utility easements to the Premises from a public right of way up to and including negotiating and obtaining such access and utility rights from any applicable neighbor parcel. If there are utilities already existing on the Premises which serve the Premises, Tenant may utilize such utilities and services. The rights granted to Tenant herein shall also include the right to partially assign its rights hereunder to any public or private utility company or authority to facilitate the uses contemplated herein, and all other rights and privileges reasonably necessary for Tenant's safe and efficient use and enjoyment of the easements for the purposes described above. Upon Tenant's request, Landlord shall execute and deliver to Tenant requisite recordable documents evidencing the easements contemplated hereunder within fifteen (15) days of Tenant's request, and Landlord shall obtain the consent and joinder of Landlord's mortgagee to any such grant, if applicable.

**7. EQUIPMENT, FIXTURES AND REMOVAL.** The Communications Facilities shall at all times be the personal property of Tenant and/or its subtenants and licensees, as applicable. Tenant or its customers, subtenants or licensees shall have the right to erect, install, maintain, repair, replace and operate on the Premises such equipment, structures, fixtures, signs, and personal property as Tenant, its customers,

subtenants or licensees may deem necessary or appropriate, and such property, including the equipment, structures, fixtures, signs, and personal property currently on the Premises, shall not be deemed to be part of the Premises, but shall remain the property of Tenant or its customers, subtenants or licensees. Within ninety (90) days after the expiration or earlier termination of this Agreement (the "**Removal Period**"), Tenant, customers, subtenants or licensees shall remove its improvements and personal property and restore the Premises to grade and perform all obligations under this Agreement during the Removal Period, including, without limitation, the payment of Rent at the rate in effect upon the expiration or termination of this Agreement.

**8. ASSIGNMENT AND SUBLEASE.** Tenant may transfer or assign this Agreement to Tenant's Lender (defined below), principal, affiliates, subsidiaries, subsidiaries of its principal or to any entity which acquires all of or substantially all of Tenant's assets or ownership interests by reasons of merger, acquisition or other business reorganization without Landlord's consent (a "**Permitted Assignment**"). As to transfers or assignments which do not constitute a Permitted Assignment, Tenant is required to obtain Landlord's written consent prior to effecting such transfer or assignment, which consent shall not be unreasonably withheld, conditioned or delayed. Upon such assignment, including a Permitted Assignment, Tenant will be relieved and released of all obligations and liabilities hereunder. Tenant shall have the exclusive right to sublease or grant licenses without Landlord's consent to use all or part of the Premises and/or the Communications Facilities, but no such sublease or license shall relieve or release Tenant from its obligations under this Agreement. Landlord may assign this Agreement only in its entirety and only to any person or entity who or which acquires fee title to the Property, subject to Section 15. Landlord may subdivide the Property without Tenant's prior written consent provided the resulting parcels from such subdivision are required to afford Tenant the protections set forth in Section 14 hereof.

**9. COVENANTS, WARRANTIES AND REPRESENTATIONS.**

(a) Landlord warrants and represents that it is the owner in fee simple of the Property, free and clear of all liens and encumbrances except as to those which may have been disclosed to Tenant in writing prior to the execution hereof, and that it alone has full right to lease the Premises for the Term.

(b) Landlord shall pay promptly, when due, any other amounts or sums due and owing with respect to its ownership and operation of the Property, including, without limitation, judgments, taxes, liens, mortgage payments and other similar encumbrances. If Landlord fails to make any payments required under this Agreement, or breaches any other obligation or covenant under this Agreement, Tenant may (without obligation), after providing ten (10) days written notice to Landlord, make such payment or perform such obligation on behalf of Landlord and offset such payment (including any reasonable attorneys' fees incurred in connection with Tenant performing such obligation) against payments of Rent.

(c) Landlord shall not do or knowingly permit anything that will interfere with or negate any special use permit or approval pertaining to the Premises or cause Tenant's use of the Premises to be in nonconformance with applicable local, state, or federal laws. Landlord shall cooperate with Tenant in any effort by Tenant to obtain certificates, permits, licenses and other approvals that may be required by any governmental authorities. Landlord agrees to execute any necessary applications, consents or other documents as may be reasonably necessary for Tenant to apply for and obtain the Government Approvals required to use and maintain the Premises and the Communications Facilities.

(d) To the best of Landlord's knowledge, Landlord has complied and shall comply with all laws with respect to the Property. No asbestos-containing thermal insulation or products containing PCB, formaldehyde, chlordane, or heptachlor or other hazardous materials have been placed on or in the Property by Landlord or, to the knowledge of Landlord, by any prior owner or user of the Property. There has been



no release of or contamination by hazardous materials on the Property by Landlord, or to the knowledge of Landlord, any prior owner or user of the Property.

(e) Tenant shall have access to all utilities required for the operation of Tenant's improvements on the Premises that are existing on the Property.

(f) Landlord warrants and represents that there currently exist no licenses, sublicenses, or other agreements, written or oral, granting to any party or parties the right of use or occupancy of any portion of the Property; there are no outstanding options or rights of first refusal to purchase the Property or any portion thereof or interest therein, or any equity or interest in Landlord if Landlord is an entity; and there are no parties (other than Landlord) in possession of the Property except as to those that may have been disclosed to Tenant in writing prior to the execution hereof.

**10. HOLD OVER TENANCY.** Should Tenant or any assignee, sublessee or licensee of Tenant hold over the Premises or any part thereof after the expiration of this Agreement, such holdover shall constitute and be construed as a tenancy from month-to-month only, but otherwise upon the same terms and conditions.

**11. INDEMNITIES.** Each party agrees to indemnify, defend and hold harmless the other party, its parent company or other affiliates, successors, assigns, officers, directors, shareholders, managers, members, agents and employees (collectively, "**Indemnified Persons**") from and against all claims, actions, judgments, damages, liabilities, losses, expenses and costs (including, without limitation, reasonable attorneys' fees and court costs) (collectively, "**Losses**") caused by or arising out of (a) such party's breach of any of its obligations, covenants, representations or warranties contained herein, or (b) such party's acts or omissions with regard to this Agreement; provided, however, in no event shall a party indemnify the other party for any such Losses to the extent arising from the gross negligence or willful misconduct of the party seeking indemnification. However, in the event of an Indemnified Person's contributory negligence or other fault, the Indemnified Person shall not be indemnified hereunder to the extent that the Indemnified Person's negligence or other fault caused such Losses. Tenant will indemnify Landlord from and against any mechanic's liens or liens of contractors and subcontractors engaged by or through Tenant.

**12. WAIVERS.**

(a) Landlord hereby waives any and all lien rights it may have, statutory or otherwise, in and to the Communications Facilities or any portion thereof, regardless of whether or not such is deemed real or personal property under applicable laws. Landlord will not assert any claim whatsoever against Tenant for loss of anticipatory profits or any other indirect, special, incidental or consequential damages incurred by Landlord as a result of the construction, maintenance, operation or use of the Premises by Tenant.

(b) EACH PARTY HERETO WAIVES ANY AND ALL CLAIMS AGAINST THE OTHER FOR ANY LOSS, COST, DAMAGE, EXPENSE, INJURY OR OTHER LIABILITY WHICH IS IN THE NATURE OF INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES WHICH ARE SUFFERED OR INCURRED AS THE RESULT OF, ARISE OUT OF, OR ARE IN ANY WAY CONNECTED TO THE PERFORMANCE OF THE OBLIGATIONS UNDER THIS AGREEMENT.

**13. INSURANCE.** Tenant shall insure against property damage and bodily injury arising by reason of occurrences on or about the Premises in the amount of not less than [REDACTED]. The insurance coverage provided for herein may be maintained pursuant to master policies of insurance covering other

communication facilities of Tenant and its corporate affiliates. All insurance policies required to be maintained by Tenant hereunder shall be with responsible insurance companies, authorized to do business in the State or Commonwealth where the Premises are located if required by law, and shall provide for cancellation only upon ten (10) days' prior written notice to Landlord. Tenant shall evidence such insurance coverage by delivering to Landlord, if requested, a copy of a certificate of insurance of such policies issued by the insurance companies underwriting such risks.

**14. INTERFERENCE.** During the Option Period and the Term, Landlord, its successors and assigns, will not grant any ground lease, license, or easement with respect to the Property (outside of the Premises) and any property adjacent or contiguous to the Property or in the immediate vicinity of the Property that is fee owned by Landlord: (a) for any of the uses contemplated in Section 5 herein; or (b) if such lease, license, or easement would detrimentally impact the Communications Facilities or Tenant's economic opportunities at the Premises, or the use thereof. Landlord shall not cause or permit the construction of communications or broadcast towers or structures, fiber optic backhaul facilities, or satellite facilities on the Property or on any other property of Landlord adjacent or contiguous to or in the immediate vicinity of the Property, except for the Communications Facilities constructed by Tenant. Landlord and Tenant intend by this Agreement for Tenant (and persons deriving rights by, through, or under Tenant) to be the sole parties to market, use, or sublease any portion of the Property for Communications Facilities during the Option Period and the Term. Landlord agrees that this restriction on the use of the Property is commercially reasonable, not an undue burden on Landlord, not injurious to the public interest, and shall be specifically enforceable by Tenant (and persons deriving rights by, through or under Tenant) in a court of competent jurisdiction. The foregoing restriction shall run with the land and be binding on the successors and assigns of Landlord.

**15. RIGHT OF FIRST REFUSAL.** In the event Landlord determines to sell, transfer, license or otherwise convey any interest, whether fee simple interest, easement interest, leasehold, or otherwise, and whether direct or indirect by way of transfer of ownership interests in Landlord if Landlord is an entity, which interest underlies or affects any or all of the Premises (the "**ROFR Property**") to any third party that is a Third Party Competitor (as defined below), Landlord shall offer Tenant a right of first refusal to purchase the Premises (or such larger portion of the Property that encompasses the Premises, if applicable). For purposes herein, a "**Third Party Competitor**" is any person or entity directly or indirectly engaged in the business of owning, acquiring, operating, managing, investing in or leasing communications infrastructure or any person or entity directly or indirectly engaged in the business of owning, acquiring, or investing in real property leases or easements underlying communications infrastructure. In such event, Landlord shall send a written notice to Tenant in accordance with Section 29 below that shall contain an offer to Tenant of a right of first refusal to purchase the ROFR Property, together with a copy of any offer to purchase, or any executed purchase agreement or letter of intent (each, an "**Offer**"), which copy shall include, at a minimum, the purchase price or acquisition price, proposed closing date, and financing terms (collectively, the "**Minimum Terms**"). Within thirty (30) days of receipt of such Offer, Tenant shall provide written notice to Landlord of Tenant's election to purchase the ROFR Property on the same Minimum Terms, provided: (a) the closing date shall be no sooner than sixty (60) days after Tenant's purchase election notice; (b) given Landlord's direct relationship and access to Tenant, Tenant shall not be responsible for payment of any broker fees associated with an exercise of Tenant's rights to acquire the ROFR Property; and, (c) Tenant shall not be required to match any components of the purchase price which are speculative or incalculable at the time of the Offer. In such event, Landlord agrees to sell the ROFR Property to Tenant subject to Tenant's payment of the purchase price and compliance with a purchase and sale agreement to be negotiated in good faith between Landlord and Tenant. If Tenant provides written notice that it does not elect to exercise its right of first refusal to purchase the ROFR Property, or if Tenant does not provide notice of its election within the thirty (30) day period, Tenant shall be deemed to have waived such right of first refusal only with respect to the specific Offer presented (and any subsequent

Offers shall again be subject to Tenant's continuing right of first refusal hereunder), and Landlord shall be permitted to consummate the sale of the ROFR Property in accordance with the strict terms of the Offer ("**Permitted Sale**"). If Landlord does not consummate the Permitted Sale within ninety (90) days of the date of Tenant's waiver of its right of first refusal, including if the Minimum Terms are modified between Landlord and the Third Party Competitor, Landlord shall be required to reissue a New Offer to Tenant.

**16. SECURITY.** The parties recognize and agree that Tenant shall have the right to safeguard and protect its improvements located upon or within the Premises. Consequently, Tenant may elect, at its expense, to construct such enclosures and/or fences as Tenant reasonably determines to be necessary to secure the Communications Facilities. Tenant may also undertake any other appropriate means to restrict access to the Communications Facilities including, without limitation, if applicable, installing security systems, locks and posting signs for security purposes and as may otherwise be required by law.

**17. FORCE MAJEURE.** The time for performance by Landlord or Tenant of any term, provision, or covenant of this Agreement shall be deemed extended by time lost due to delays resulting from acts of God, strikes, civil riots, floods, pandemics, material or labor restrictions by governmental authority, government shutdowns, quarantines, and/or other disease control measures and any other cause not within the control of Landlord or Tenant, as the case may be.

**18. CONDEMNATION; CASUALTY.**

(a) In the event Landlord receives any notice of any condemnation proceedings, or other proceedings in the nature of eminent domain related to the Property or the Premises, it will forthwith send a copy of such notice to Tenant. If all or any part of the Premises is taken by eminent domain, Tenant may, upon written notice to Landlord, elect to terminate this Agreement, whereupon neither party shall have any further liability or obligation hereunder. Notwithstanding any provision of this Agreement to the contrary, in the event of condemnation of all or any part of the Premises, Landlord and Tenant shall be entitled to separate awards with respect to the Premises, in the amount determined by the court conducting such condemnation proceedings based upon Landlord's and Tenant's respective interests in the Premises. If a separate condemnation award is not determined by such court, Landlord shall permit Tenant to participate in the allocation and distribution of the award. In no event shall the condemnation award to Landlord exceed the unimproved value of the Premises, without taking into account the improvements located thereon.

(b) In case of damage to the Premises or the Communications Facilities by fire or other casualty, Landlord shall, at its expense, cause any damage to the Property (excluding the Communications Facilities) to be repaired to a condition as nearly as practicable to that existing prior to the damage, with reasonable speed and diligence, subject to delays which may arise by reason of adjustment of loss under insurance policies, governmental regulations, and for delays beyond the control of Landlord, including a force majeure. Landlord shall coordinate with Tenant as to the completion of Landlord's work to restore the Property so as not to adversely impact Tenant's use of the Premises and the Communications Facilities. Landlord shall not be liable for any inconvenience or annoyance to Tenant, or injury to Tenant's business or for any consequential damages resulting in any way from such damage or the repair thereof, except to the extent and for the time that the Communications Facilities or the Premises are thereby rendered unusable for Tenant's intended purpose the Rent shall proportionately abate. In the event the damage shall be so extensive that Tenant shall decide, in its sole discretion, not to repair or rebuild the Communications Facilities, or if the casualty shall not be of a type insured against under standard fire policies with extended type coverage, or if the holder of any mortgage, deed of trust or similar security interest covering the Communications Facilities shall not permit the application of adequate insurance proceeds for repair or restoration, this Agreement shall, at the sole option of Tenant, exercisable by written notice to Landlord, be

terminated as of the date of such casualty, and the obligation to pay Rent (taking into account any abatement as aforesaid) shall cease as of the termination date and Tenant shall thereupon promptly vacate the Premises.

**19. DEFAULT.** The failure of Tenant or Landlord to perform any of the covenants of this Agreement shall constitute a default. The non-defaulting party shall give the other written notice of such default, and the defaulting party shall cure such default within thirty (30) days after receipt of such notice. In the event any such default cannot reasonably be cured within such thirty (30) day period, if the defaulting party shall proceed promptly after the receipt of such notice to cure such default, and shall pursue curing such default with due diligence, the time for curing shall be extended for such period of time as may be necessary to complete such curing, however, in no event shall this extension of time be in excess of sixty (60) days, unless agreed upon by the non-defaulting party.

**20. REMEDIES.** Should the defaulting party fail to cure a default under this Agreement, the other party shall have all remedies available either at law or in equity, and the right to terminate this Agreement. In the event Landlord elects to terminate this Agreement due to a default by Tenant (which remains uncured by Lender), Landlord shall continue to honor all sublease and license commitments made by Tenant through the expiration of the term of any such commitment and shall be entitled to collect and retain the rents or license fees associated with such subleases or license commitments, it being intended hereby that each such commitment shall survive the early termination of this Agreement.

**21. ATTORNEYS' FEES.** If there is any legal proceeding between Landlord and Tenant arising from or based on this Agreement, the unsuccessful party to such action or proceeding shall pay to the prevailing party all costs and expenses, including, without limitation, reasonable attorneys' fees and disbursements, incurred by such prevailing party in such action or proceeding and in any appeal in connection therewith. If such prevailing party recovers a judgment in any such action, proceeding or appeal, such costs, expenses and attorneys' fees and disbursements shall be included in and as a part of such judgment.

**22. ADDITIONAL TERMINATION RIGHT.** If at any time during the Term, Tenant determines, in Tenant's sole and absolute discretion, with or without cause, that the Premises is no longer suitable or desirable for Tenant's intended use and/or purposes, Tenant shall have the right to terminate this Agreement upon sixty (60) days prior written notice to Landlord.

**23. PRIOR AGREEMENTS.** The parties hereby covenant, recognize and agree that the terms and provisions of this Agreement shall constitute the sole embodiment of the arrangement between the parties with regard to the Premises, and that all other written or unwritten agreements, contracts, or leases by and between the parties with regard to the Premises are hereby terminated, superseded and replaced by the terms hereof.

**24. SUBORDINATION, NON-DISTURBANCE AND ATTORNMENMENT.** In the event the Property is encumbered by a mortgage or deed of trust or other security instrument of any kind (a "**Landlord Mortgage**"), Landlord, within fifteen (15) days following Tenant's request or immediately prior to the creation of any encumbrance created after the date this Agreement is fully executed, will obtain from the holder of each such Landlord Mortgage a fully-executed subordination, non-disturbance and attornment agreement (an "**SNDA**") in recordable form, which shall be prepared or approved by Tenant. The holder of every such Landlord Mortgage shall, in the SNDA, agree that in the event of a foreclosure, or conveyance in lieu of foreclosure of Landlord's interest in the Premises, such Landlord Mortgage holder shall recognize and confirm the validity and existence of this Agreement, not disturb the tenancy of Tenant (and its customers, subtenants, and licensees) and Tenant (and its customers, subtenants, and licensees) shall have

the right to continue its use and occupancy of the Premises in accordance with the provisions of this Agreement, provided Tenant is not in default of this Agreement beyond applicable notice and cure periods.

## **25. LENDER'S RIGHTS.**

(a) Landlord agrees to recognize the subleases and licenses of all subtenants and licensees and will permit each of them to remain in occupancy of its premises notwithstanding any default hereunder by Tenant so long as each such respective subtenant or licensee is not in default under the lease/license covering its premises. Landlord agrees to execute such documents as any such subtenant and/or licensee might reasonably require, including customary subordination, non-disturbance and attornment agreements and/or Landlord recognition agreements, to further memorialize the foregoing, and further agrees to use Landlord's best efforts to also cause its lenders to similarly acknowledge, in writing, subtenant's and licensee's right to continue to occupy its premises as provided above.

(b) Tenant shall have the right from time to time to mortgage or otherwise encumber Tenant's interest in this Agreement, the Communications Facilities and/or leasehold estate in the Premises (a "**Tenant Mortgage**") and Landlord consents to the granting by Tenant of a lien and security interest in Tenant's interest in this Agreement and/or leasehold estate of the Premises and all of Tenant's personal property and fixtures attached to the real property described herein, and furthermore consents to the exercise by any such lender of Tenant ("**Lender**") of its rights of foreclosure with respect to its lien and security interest. Landlord agrees to recognize Lender as Tenant hereunder upon any such exercise by Lender of its rights of foreclosure. The term "**Lender**" as used in this Agreement shall mean the lender identified in Section 29 hereof and its successors, assigns, designees or nominees.

(c) Landlord hereby agrees to give Lender written notice of any breach or default of Tenant of the terms of this Agreement within fifteen (15) days after the occurrence thereof at the address set forth in Section 29. Landlord further agrees that no default under this Agreement by Tenant shall be deemed to have occurred unless such notice to Lender is also given and that, in the event of any such breach or default under the terms of this Agreement, Lender shall have the right, to the same extent, for the same period and with the same effect, as Tenant, plus an additional ninety (90) days after any applicable grace period to cure or correct any such default.

(d) Landlord acknowledges that nothing contained herein shall be deemed or construed to obligate Lender to take any action hereunder, or to perform or discharge any obligation, duty or liability of Tenant under this Agreement. Lender shall not become liable under the provisions of this Agreement or any lease executed pursuant to Section 26 hereof unless and until such time as it becomes, and then only for as long as it remains, the owner of the leasehold estate created hereby or thereby.

(e) This Agreement shall not be amended or modified without the consent of Lender. In the event that Lender shall become the owner of such leasehold estate, Lender shall not be bound by any modification or amendment of this Agreement made subsequent to the date of a Tenant Mortgage unless Lender shall have consented to such modification or amendment at the time it was made.

## **26. RIGHT TO NEW LEASE.**

(a) In the case of termination of this Agreement for any reason, or in the event this Agreement is rejected or disaffirmed pursuant to any bankruptcy, insolvency or other law affecting creditor's rights, Landlord shall give prompt notice thereof to Lender at the address set forth in Section 29 or as may be provided to Landlord by Tenant following the Commencement Date. Thereafter, Landlord, upon written request of Lender, and within thirty (30) days after the receipt of such request, shall promptly execute and

deliver a new lease of the Premises and assignment of all subleases and licenses to Lender or its designee or nominee, for the remainder of the Term upon all the covenants, conditions, limitations and agreements contained herein (including, without limitation, options to extend the Term) except for such provisions which must be modified to reflect such termination, rejection or disaffirmance and the passage of time, provided that Lender (i) shall pay to Landlord, simultaneously with the delivery of such new lease, all unpaid rent due under this Agreement up to and including the date of the commencement of the term of such new lease and all reasonable expenses, including, without limitation, reasonable attorneys' fees and disbursements and court costs, incurred by Landlord in connection with the default by Tenant, the termination of this Agreement and the preparation of the new lease, and (ii) shall cure all defaults existing under this Agreement which are susceptible to being cured by Lender promptly and with due diligence after the delivery of such new lease. Notwithstanding anything to the contrary contained herein, provided Lender shall have otherwise complied with the provisions of this Section, Lender shall have no obligation to cure any defaults which are not susceptible to being cured by Lender (for example, the bankruptcy of Tenant).

(b) For so long as Lender shall have the right to enter into a new lease with Landlord pursuant to this Section, Landlord shall not enter into a new lease of the Premises with any person or entity other than Lender, without the prior written consent of Lender.

## **27. ADDITIONAL PROVISIONS.**

(a) The parties hereto agree that (i) Tenant is in possession of the Premises notwithstanding the fact that Tenant has subleased or licensed, or may in the future sublease or license, certain of the improvements thereon or portions of the Premises to third parties, and (ii) the requirements of Section 365(h) of Title 11 of the United States Code (the Bankruptcy Code) with respect to Tenant's possession of the leasehold under this Agreement are satisfied. Accordingly, the right of Tenant to remain in possession of the leasehold under this Agreement shall continue notwithstanding any rejection of this Agreement in any bankruptcy proceeding involving Landlord, or any other actions by any party in such a proceeding. This provision, while included in this Agreement, has been separately negotiated and shall constitute a separate contract between the parties as well as a part of this Agreement. The provisions of this Section are for the benefit of Tenant and its assigns, including, without limitation, Lender. The parties hereto also agree that Lender is a party in interest and shall have the right to appear as a party in any proceeding brought under any bankruptcy law or under any other law which may affect this Agreement.

(b) The provisions of Section 25 and Section 26 hereof shall survive the termination, rejection or disaffirmance of this Agreement and shall continue in full force and effect thereafter to the same extent as if such Sections were a separate and independent contract made by Landlord, Tenant and Lender and, from the effective date of such termination, rejection or disaffirmance of this Agreement to the date of execution and delivery of such new lease, Lender may use and enjoy the leasehold estate created by this Agreement without hindrance by Landlord. The aforesaid agreement of Landlord to enter into a new lease with Lender shall be deemed a separate agreement between Landlord and Lender, separate and apart from this Agreement as well as a part of this Agreement, and shall be unaffected by the rejection of this Agreement in any bankruptcy proceeding by any party.

(c) Landlord shall have no right, and expressly waives any right arising under applicable law, in and to the rentals or other fees payable to Tenant, if any, under any sublease or license of the Premises by Tenant, which rentals or fees may be assigned by Tenant to Lender.

(d) If a Tenant Mortgage is in effect, this Agreement shall not be modified or amended by the parties hereto, or terminated or surrendered by Tenant, nor shall Landlord accept any such termination or surrender of this Agreement by Tenant, without the prior written consent of Lender.

(e) The provisions of Section 25 and Section 26 hereof are for the benefit of Lender and may be relied upon and shall be enforceable by Lender as if Lender were a party to this Agreement.

(f) Landlord shall, within ten (10) days of the request of Tenant or any Lender or prospective Lender, provide an estoppel certificate as to any matters reasonably requested by Tenant or Lender.

(g) The right to extend or renew this Agreement and any right of first refusal to purchase the Premises may be exercisable by the holder of a Tenant Mortgage and, before the expiration of any periods to exercise such a right, Landlord must provide to Lender at least thirty (30) days prior written notice before the expiration of the right to so extend or renew in order to extinguish Lender's right to so extend, renew or purchase.

(h) Under no circumstances shall the fee estate of Landlord and the leasehold estate created hereby merge, even though owned by the same party, without the written consent of the holder of a Tenant Mortgage.

**28. QUIET ENJOYMENT.** So long as Tenant is not in default under this Agreement beyond the applicable notice and cure period, Landlord covenants and agrees that Tenant shall peaceably and quietly hold and enjoy the Premises throughout the Term, without any hindrance, molestation or ejection by Landlord, its successors or assigns or by those claiming by, through or under them.

**29. NOTICES.** All notices, requests, claims, demands, and other communications hereunder shall be in writing and may be hand delivered (provided the deliverer provides proof of delivery) or sent by nationally established overnight courier that provides proof of delivery, or certified or registered mail (postage prepaid, return receipt requested). Notice shall be deemed received on the date of delivery as demonstrated by the receipt of delivery. Notices shall be delivered to a party at the party's respective address below, or to such other address that a party below may provide from time to time:

**If to Landlord:**

Michael Edward Mantle and  
Jaqueline Ann Mantle  
PO Box 120  
Bardwell, Kentucky 42023

**If to Tenant:**

The Towers, LLC  
750 Park of Commerce Drive,  
Suite 200  
Boca Raton, Florida 33487  
Ref: US-KY-5227  
Attn: VP Asset Management

**If to Lender:**

Toronto Dominion (Texas) LLC  
31 West 52nd Street  
New York, NY 10019  
Attn: Admin Agent  
[REDACTED]

With a copy to: General Counsel

**30. MISCELLANEOUS.**

(a) Each party hereto warrants and represents that it has the necessary power and authority to enter into and perform its respective obligations under this Agreement.

(b) If any term of this Agreement is found to be void or invalid, such invalidity shall not affect the remaining terms of this Agreement, which shall continue in full force and effect.

(c) All attached exhibits are hereby incorporated by this reference as if fully set forth herein.

(d) Failure of a party to insist on strict performance of any of the conditions or provisions of this Agreement, or failure to exercise any of a party's rights hereunder, shall not waive such rights.

(e) This Agreement shall be governed by and construed in accordance with the laws of the State or Commonwealth in which the Premises are located.

(f) This Agreement constitutes the entire agreement and understanding of the parties and supersedes all offers, negotiations, other leases and/or agreements with regard to the Premises. There are no representations or understandings of any kind not set forth herein. Any amendment to this Agreement must be in writing and executed by both parties.

(g) This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.

(h) A short-form Memorandum of Option to Lease (and a short-form Memorandum of Lease in the event Tenant exercises its option to lease the Premises) may be recorded at Landlord's or Tenant's option in the form as depicted in **Exhibit 3** and **Exhibit 4**, respectively, attached hereto. In addition, Tenant's subtenants and licensees shall have the right to record a memorandum of its sublease or license with Tenant.

(i) Landlord shall keep the terms of this Agreement confidential and shall not disclose any terms contained within this Agreement to any third party other than such terms as are set forth in the Memorandum of Option to Lease or Memorandum of Lease.

**SIGNATURES BEGIN ON NEXT PAGE**



IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the Effective Date (date last signed by a party hereto).

<b>WITNESSES:</b>  <u>Lisa Adams</u> Name: <u>Lisa Adams</u>  <u>Mitzi Morpheus</u> Name: <u>Mitzi Morpheus</u>	<b>LANDLORD:</b>  <u>Michael Edward Mantle</u> Michael Edward Mantle  Date: <u>6-7-2024</u> <u>Jaqueline Ann Mantle</u> Jaqueline Ann Mantle  Date: <u>6.7.24</u>
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STATE OF Kentucky

COUNTY OF Graves

The foregoing instrument was acknowledged before me this 7<sup>th</sup> day of June 20 24 by Michael Edward Mantle and Jaqueline Ann Mantle.

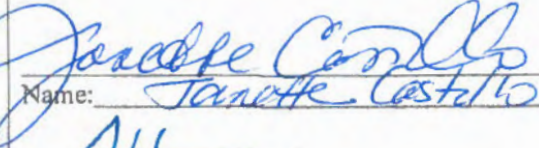
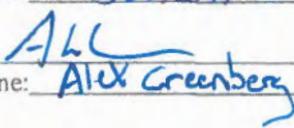
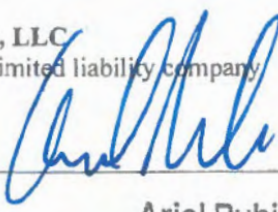
Abby Brame  
Notary Public

Print Name: Abby Brame

My Commission Expires: 4.23.27



(Tenant signature page to Option and Lease Agreement)

<b>WITNESSES:</b>   Name: <u>Janette Castillo</u>  Name: <u>Alex Greenberg</u>	<b>TENANT:</b>  <b>The Towers, LLC</b> a Delaware limited liability company  By:  Name: <u>Ariel Rubin</u> <u>Vice President of Tower Development</u> Title: _____ Date: <u>6/14/24</u>
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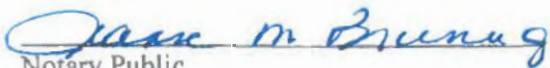
STATE OF FLORIDA

Leasing Ops

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COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this June 14/24  
24, 20 24 by Ariel Rubin (name of signatory), VP Tower Dev  
(title of signatory) of The Towers, LLC, a Delaware limited liability company, on  
behalf of the company.

  
Notary Public

Print Name: Jeanne M BruningMy Commission Expires: 4/20/28

## EXHIBIT 1

### Legal Description of the Property (Parent Parcel)

(may be updated by Tenant upon receipt of final legal description from title)

The following described property, together with the improvements thereon, lying and being in Carlisle and Ballard County, Kentucky to wit:

A certain tract or parcel of land lying in Carlisle County, Kentucky, bounded as follows: Beginning at a stake and maple in Brashears and Mathew Wrights line 57-1/2 E. 157.6 poles to three small white oaks, hickory and red bud corner to Miller division in Brashears Survey, thence with Millers line S. 15.37 W. 101.6 poles to a small sweet gum and two white oaks, thence N. 72-1/2 W 157.6 poles to a poplar and two ash within four feet of Remmicks line N. 15.37 E. 101.6 poles to the beginning, containing one hundred and one acres and one hundred and forty poles.

LESS AND EXCEPT: Beginning at a stake in the North right of way line of U.S. Highway No. 62, said point being the Southeast corner of the property herein conveyed; thence North with an established fence line 200 feet to a stake, this being the Northeast corner of the property herein conveyed; thence West with an established fence line 150 feet to a stake, said point being the Northwest corner of the property herein conveyed; thence South with an established fence line 200 feet to a stake in the North right of way line of U.S. Highway No. 62, said point being the Southwest corner of the property herein conveyed; thence East with the right of way line of U.S. Highway No. 62 to the point of beginning. Said property being approximately  $\frac{3}{4}$  of an acre. As shown by deed in Deed Book 83, Page 26.

FURTHER LESS AND EXCEPT: Beginning at an iron pin set 25.00 feet South at right angles from the centerline of Webb School Road, said centerline point is located 827.71 feet North with said centerline from the centerline intersection of Webb School Road and Highway 62, Thence South 66 degrees 56 minutes 15 seconds East for a distance of 174.57 feet with a fence in Loyce Cope's North line to an iron pin set at the intersection of the South line of Margo Lane and Cope's East line; Thence South 20 degrees 38 minutes 40 seconds West for a distance of 290.98 feet with the South line of Margo Lane to an iron pin set 20.00 feet South at right angles from the centerline of Margo Lane and 30.00 feet North at Right angles from the centerline of Highway 62; Thence along a curve to the right having a radius of 1447.84 feet and an arc length of 521.36 feet, being subtended by a chord of North 59 degrees 36 minutes 48 seconds East for a distance of 518.55 feet with the North line of Highway 62 to an iron pin set 30.00 feet North at right angles from the centerline, Thence North 69 degrees 55 minutes 45 seconds East for a distance of 55.93 feet with the North line of Highway 62 to an iron pin set 30.00 feet North at right angles from the centerline; Thence North 08 degrees 58 minutes 54 seconds East for a distance of 340.42 feet on a new line to an iron pin set in a tree line; Thence North 65 degrees 58 minutes 06 seconds West for a distance of 451.11 feet with said tree line to an iron pin set 25.00 feet East at right angles from the centerline of Webb School Road; Thence South 23 degrees 21 minutes 39 seconds West for a distance of 501.91 feet with the East line of Webb School Road to an iron pin, the point of beginning. Said property contains 6.1020 acres more or less and the

The following described property, together with the improvements thereon, lying and being in Carlisle and Ballard County, Kentucky to wit:

A certain tract or parcel of land lying in Carlisle County, Kentucky, bounded as follows: Beginning at a stake and maple in Brashears and Mathew Wrights line S 7-1/2 E. 157.6 poles to three small white oaks, hickory and red bud corner to Miller division in Brashears Survey, thence with Millers line S 15.37 W. 101.6 poles to a small sweet gum and two white oaks; thence N. 72-1/2 W 157.6 poles to a poplar and two ash within four feet of Remmicks line N 15.37 E 101.6 poles to the beginning, containing one hundred and one acres and one hundred and forty poles.

LESS AND EXCEPT: Beginning at a stake in the North right of way line of U.S. Highway No. 62, said point being the Southeast corner of the property herein conveyed; thence North with an established fence line 200 feet to a stake, this being the Northeast corner of the property herein conveyed; thence West with an established fence line 150 feet to a stake, said point being the Northwest corner of the property herein conveyed; thence South with an established fence line 200 feet to a stake in the North right of way line of U.S. Highway No. 62, said point being the Southwest corner of the property herein conveyed; thence East with the right of way line of U.S. Highway No. 62 to the point of beginning. Said property being approximately 3/4 of an acre. As shown by deed in Deed Book 83, Page 26.

FURTHER LESS AND EXCEPT: Beginning at an iron pin set 25.00 feet South at right angles from the centerline of Webb School Road, said centerline point is located 827.71 feet North with said centerline from the centerline intersection of Webb School Road and Highway 62;

Thence South 66 degrees 56 minutes 15 seconds East for a distance of 174.57 feet with a fence in Loyce Cope's North line to an iron pin set at the intersection of the South line of Margo Lane and Cope's East line;

Thence South 20 degrees 38 minutes 40 seconds West for a distance of 290.98 feet with the South line of Margo Lane to an iron pin set 20.00 feet South at right angles from the centerline of Margo Lane and 30.00 feet North at Right angles from the centerline of Highway 62;

Thence along a curve to the right having a radius of 1447.84 feet and an arc length of 521.36 feet, being subtended by a chord of North 59 degrees 36 minutes 48 seconds East for a distance of 518.55 feet with the North line of Highway 62 to an iron pin set 30.00 feet North at right angles from the centerline;

Thence North 69 degrees 55 minutes 45 seconds East for a distance of 55.93 feet with the North line of Highway 62 to an iron pin set 30.00 feet North at right angles from the centerline;

Thence North 08 degrees 58 minutes 54 seconds East for a distance of 340.42 feet on a new line to an iron pin set in a tree line;

Thence North 65 degrees 58 minutes 06 seconds West for a distance of 451.11 feet with said tree line to an iron pin set 25.00 feet East at right angles from the centerline of Webb School Road;

Thence South 23 degrees 21 minutes 39 seconds West for a distance of 501.91 feet with the East line of Webb School Road to an iron pin, the point of beginning. Said property contains 6.1020 acres more or less and the

Highway No. 62, South 60 degrees West 492 feet to a point in the right of way line of said highway; thence North 10 degrees West 160 feet; thence North 36-1/4 degrees east 207 feet the south line of the tract of land owned by Eli Allen during his lifetime; thence South 77-3/4 degrees East 100 feet with the Allen line; thence South 76 degrees and 35 minutes East 239 feet to the point of beginning in the right of way line of U. S Highway No. 62 containing two and one-fourth (2-1/4) acres, more or less. As shown by deed in Deed Book 144, Page 27.

FURTHER LESS AND EXCEPT all that portion of the premises located South-Southeast of US Highway 62.

Parcel ID#: 026-00-00-002.00 (37394)

This being a portion of the same property conveyed to Michael Edward Mantle and wife, Jaqueline Ann Mantle, as joint tenants with right of survivorship, from Edward Bourke Mantle, Jr., a single person, and Margo Mantle Sprague, a single person in a General Warranty Deed dated August 8, 2002, and recorded August 13, 2002, in Book 118, Page 496, in Carlisle County, Kentucky.

## EXHIBIT 2

### Premises

(below may be replaced with a final survey and legal description of the Premises)



**EXHIBIT J**

**NOTIFICATION LIST  
PVA RECORDS  
PROOF OF NOTICE**

**Bardwell North – Notice List**

**026-00-00-002.00 & 026-00-00-001.00 & 025-00-00-013.00**

Mantle Michael and Jaqueline  
PO Box 120  
Bardwell, KY 42023

**026-00-00-002.04**

Beardsley Don & Sandy  
583 CR 1302  
Bardwell, KY 42023

**026-00-00-002.01**

Gruber Darren & Amanda  
PO Box 552  
Bardwell, KY 42023

**026-00-00-040.00**

Sprague Bourke Edward  
P.O. Box 176  
Sturgis, KY 42459

**026-00-00-002.02**

Kentucky Holdings 1, LLC  
% Country Side Center  
47 Margo Lane  
Bardwell, KY 42023

**025-00-00-012.00**

Gill Pamela J  
Trustee of the Pamela J Gill and Tony V Gill Revoc  
3019 SR 123  
Bardwell, KY 42023

**025-00-00-023.00**

Commonwealth of KY Department of Highways  
Bardwell, KY 42023

**026-00-00-003.01**

Provow Timothy E  
Provow Karen J  
776 CR 1015  
Cunningham, KY 42035

**026-00-00-003.00**

W D Farms Limited Partnership  
% Warren and Diana Dunn  
277 Co Rd 1322  
Bardwell, KY 42023

**026-00-00-002.08**

Carlisle County Fiscal Court  
PO Box 279  
Bardwell, KY 42023

**026-00-00-002.03**

Citizens Deposit Bank  
PO Box 10  
Arlington, KY 42021

**026-10-02-001.00**

Stairs Rachel D  
491 US 62  
Bardwell, KY 42023

**026-10-02-030.00**

Hobbs Family Irrevocable Trust  
c/o Greg Hobbs  
892 Burkewood Dr  
Lexington, KY 40509

**026-10-02-031.00**

Vela Julio Evans  
c/o Citizens Deposit Bank  
P.O. Box 10  
Arlington, KY 42021

**026-10-02-032.00**

Draper Harold M and Urusla  
PO Box 395  
Bardwell, KY 42023



# Carlisle County, KY PVA

## Parcel Summary

Map Number 026-00-00-002.00  
Account Number 37394 (PID: 87044 PTID: 37394)  
Location Address 950 US 62  
Tax District 00 Carlisle County  
Homestead No  
2022 Tax Rate 1.113  
Property Class FARM  
Description METAL BUILDING,OLD HOUSE, BINS, POLEBARN AND 71.91 ACRES  
Acres 71.91  
Deed Information 118/496

## Owner Information

Current Owner  
MANTLE MICHAEL AND JAQUELINE  
P O BOX 120  
BARDWELL KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			71.91					

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	N	N	N
FRM_FCV	\$314,000	\$314,000	\$314,000	\$314,000	\$314,000
FRM_TXV	\$75,718	\$75,718	\$75,718	\$75,718	\$75,718
FIRE_AC	\$3	\$3	\$3	\$3	\$3
MTL_BLD	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
PREV_ASST	\$83,000	\$83,000	\$83,000	\$83,000	\$83,000

## Sales Information

Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type
08/01/2002					

## Recent Sales In Area

Sale date range:

From: 04/07/2022 To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500 Feet Sales by Distance

No data available for the following modules: Commercial Improvement Information, Mobile Home Information, Residential Improvement Information, Photos, Sketches.

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# Carlisle County, KY PVA

## Parcel Summary

Map Number 026-00-00-002.04  
Account Number 40200 (PID: 89491 PTID: 40200)  
Location Address 583 CR 1302  
Tax District 00 Carlisle County  
Homestead Yes  
2022 Tax Rate 1.113  
Property Class RESIDENTIAL  
Description HSE ACRE AND SHOP  
Acres 5.83  
Deed Information 123/281



## Owner Information

Current Owner  
BEARDSLEY DON & SANDY  
583 CR 1302  
BARDWELL KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			5.83	2 LANE		TYPICAL	EXCELLENT	\$5,000

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	RR	RR	RR	RR	RR
RES	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000
MTL_BLD	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
WBARDWELL_FD	\$1	\$1	\$1	\$1	\$1
PREV_ASST	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

## Residential Improvement Information

Building	1	Heat	OTHER
Residence Type	SINGLE FAMILY	AC	CENTRAL
Year Built	2008	Total Rooms	7
Foundation	CONCRETE BLOCK	Value	\$150,000
Basement		Living Sqft	2,000
Exterior	BRICK VENEER	Basement Sqft	0
Bedrooms	3	Garage Sqft	0
Full Bath	2	Porch Sqft	200
Half Bath	0	Patio/Deck Sqft	0
Roof Cover	COMPOSITION SHINGLES	Basement Finish	
Roof Type	GABLE	Structure	1 STORY
Residence Condition	NEW	Garage	ATTCHD2
Fireplaces	1	Pool	

## Photos



### Recent Sales In Area

Sale date range:

From:

04/07/2022

To:

04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance:

1500

Feet



Sales by Distance

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# Carlisle County, KY PVA

## Parcel Summary

Map Number 026-00-00-002.01  
Account Number 39387 (PID: 88776 PTID: 39387)  
Location Address 936 US 62  
Tax District 00 Carlisle County  
Homestead No  
2022 Tax Rate 1.113  
Property Class RESIDENTIAL  
Description 3/4 AC & HSE  
Acres N/A  
Deed Information 134/93



## Owner Information

Current Owner  
GRUBER DARREN & AMANDA  
PO BOX 552  
BARDWELL KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
				2 LANE	GRAVEL	TYPICAL	GOOD	

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	N	N	N
RES	\$98,000	\$98,000	\$98,000	\$98,000	\$98,000

## Residential Improvement Information

Building	1	Heat	GAS
Residence Type	SINGLE FAMILY	AC	CENTRAL
Year Built	1974	Total Rooms	0
Foundation	CONCRETE BLOCK	Value	\$0
Basement	NONE	Living Sqft	1,652
Exterior	BRICK VENEER	Basement Sqft	0
Bedrooms	4	Garage Sqft	672
Full Bath	2	Porch Sqft	168
Half Bath	0	Patio/Deck Sqft	765
Roof Cover	COMPOSITION SHINGLES	Basement Finish	
Roof Type	GABLE	Structure	1 STORY
Residence Condition	GOOD	Garage	ATTCP1
Fireplaces	0	Pool	NO

## Sales Information

Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type
09/01/2007	\$98,000			GRAHAM MILTON DBK 119-093	
09/01/2002	\$80,000			MANTLE BOURKE JR	

## Photos



## Recent Sales In Area

Sale date range:

From:

04/07/2022

To:

04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance:

1500

Feet



Sales by Distance

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# Carlisle County, KY PVA

## Parcel Summary

Map Number 026-00-00-040.00  
Account Number 38022 (PID: 87595 PTID: 38022)  
Location Address 506 US 62  
Tax District 01 City of Bard  
Homestead No  
2022 Tax Rate 0.247  
Property Class RESIDENTIAL  
Description HOUSE AND LOT  
Acres N/A  
Deed Information 144/27



## Owner Information

Current Owner  
SPRAGUE BOURKE EDWARD  
P.O. BOX 176  
STURGIS, KY 42459

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
				2 LANE	CONCRETE	TYPICAL	GOOD	

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	N	N	N
RES	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000

## Residential Improvement Information

Building 1  
Residence Type SINGLE FAMILY  
Year Built 1948  
Foundation CONCRETE BLOCK  
Basement WALKOUT  
Exterior STUCCO  
Bedrooms 3  
Full Bath 2  
Half Bath 0  
Roof Cover COMPOSITION SHINGLES  
Roof Type GABLE  
Residence Condition GOOD  
Fireplaces 1

Heat GAS  
AC CENTRAL  
Total Rooms 0  
Value \$0  
Living Sqft 1,746  
Basement Sqft 1,232  
Garage Sqft 600  
Porch Sqft 20  
Patio/Deck Sqft 70  
Basement Finish  
Structure 1 STORY  
Garage ATTCHD1  
Pool NO

## Photos



Recent Sales In Area

Sale date range:

From: 04/07/2022

To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500

Feet

▼

Sales by Distance

No data available for the following modules: Commercial Improvement Information, Mobile Home Information, Sales Information, Sketches.

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# Carlisle County, KY PVA

## Parcel Summary

Map Number 026-00-00-002.02  
Account Number 38628 (PID: 88125 PTID: 38628)  
Location Address 47 MARGO AVE  
Tax District 01 City of Bard  
Homestead No  
2022 Tax Rate 0.247  
Property Class COMMERCIAL  
Description NURSING HOME  
Acres 7.22  
Deed Information 131/565

## Owner Information

Current Owner  
KENTUCKY HOLDINGS 1, LLC  
% COUNTRY SIDE CENTER  
47 MARGO LANE  
BARDWELL KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			7.22					

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	N	N	N
FRM_AC	\$180	\$180	\$180	\$180	\$180
COM	\$2,673,000	\$2,673,000	\$2,673,000	\$2,673,000	\$2,673,000
PREV_ASST	\$2,673,000	\$2,673,000	\$2,673,000	\$2,673,000	\$2,673,000

## Commercial Improvement Information

Year Built	Building Type	Sqft	Condition	Exterior	Value
1993	Nursing Home	26,487	GOOD		\$0

## Sales Information

Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type
10/01/2006	\$3,365,000			WELLS HEALTH CARE INC	
01/01/1992				ED BOURKE MANTLE S	

## Recent Sales In Area

### Sale date range:

From: 04/07/2022 To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500 Feet Sales by Distance

No data available for the following modules: Mobile Home Information, Residential Improvement Information, Photos, Sketches.

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-00-00-001.00
Account Number	38317 (PID: 87858 PTID: 38317)
Location Address	N/A
Tax District	00 Carlisle County
Homestead	No
2022 Tax Rate	1.113
Property Class	FARM
Description	MORGAN PLACE
Acres	104
Deed Information	118/496

## Owner Information

Current Owner  
MANTLE MICHAEL AND JAQUELINE  
P O BOX 120  
BARDWELL KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			104.00	SECONDARY	GRAVEL	TYPICAL	FAIR	

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	N	N	N
FRM_FCV	\$419,500	\$419,500	\$419,500	\$419,500	\$419,500
FRM_TXV	\$73,312	\$73,312	\$73,312	\$73,312	\$73,312
FRM_RES	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500
FIRE_AC	\$22	\$22	\$22	\$22	\$22

## Residential Improvement Information

Building	1	Heat	
Residence Type	SINGLE FAMILY	AC	
Year Built	0	Total Rooms	0
Foundation	CONCRETE BLOCK	Value	\$0
Basement	NONE	Living Sqft	1,232
Exterior	ALUMINUM/VINYL	Basement Sqft	0
Bedrooms	0	Garage Sqft	0
Full Bath	0	Porch Sqft	128
Half Bath	0	Patio/Deck Sqft	63
Roof Cover	COMPOSITION SHINGLES	Basement Finish	
Roof Type	GABLE	Structure	1.5 STORY
Residence Condition	FAIR	Garage	NONE
Fireplaces	0	Pool	NO

## Recent Sales In Area

Sale date range:

From: 04/07/2022 To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500 Feet Sales by Distance

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# Carlisle County, KY PVA

## Parcel Summary

Map Number 025-00-00-012.00  
Account Number 38198 (PID: 87749 PTID: 38198)  
Location Address N/A  
Tax District 00 Carlisle County  
Homestead No  
2022 Tax Rate 1.113  
Property Class FARM  
Description 128 ACRES  
Acres 128  
Deed Information 174/662

## Owner Information

Current Owner  
GILL PAMELA J  
TRUSTEE OF THE PAMELA J GILL AND TONY V GILL REVOC  
3019 SR 123  
BARDWELL KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			128.00					

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	N	N	N
FRM_FCV	\$793,538	\$793,538	\$256,000	\$256,000	\$256,000
FRM_TXV	\$82,302	\$82,302	\$40,000	\$40,000	\$40,000
FIRE_AC	\$14	\$14	\$7	\$7	\$7

## Sales Information

Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type
04/04/2023	\$396,769	174	662	MCCHRISTIAN ROBERT	
09/18/2018	\$1	164	595	MCCHRISTIAN ROBERT	

## Recent Sales In Area

Sale date range:

From: 04/07/2022 To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500 Feet Sales by Distance

No data available for the following modules: Commercial Improvement Information, Mobile Home Information, Residential Improvement Information, Photos, Sketches.

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	025-00-00-013.00
Account Number	38734 (PID: 88222 PTID: 38734)
Location Address	N/A
Tax District	00 Carlisle County
Homestead	No
2022 Tax Rate	1.113
Property Class	FARM
Description	88.14 AC
Acres	88.14
Deed Information	129/315

## Owner Information

Current Owner  
MANTLE MICHAEL & JACQUELINE  
P O BOX 120  
BARDWELL KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			88.14					

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	N	N	N
FRM_FCV	\$352,000	\$352,000	\$352,000	\$352,000	\$352,000
FRM_TXV	\$56,512	\$56,512	\$56,512	\$56,512	\$56,512
FRM_AC	\$28	\$28	\$28	\$28	\$28
FIRE_AC	\$10	\$10	\$10	\$10	\$10

## Recent Sales In Area

Sale date range:

From: 04/07/2022

To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500

Feet

Sales by Distance

No data available for the following modules: Commercial Improvement Information, Mobile Home Information, Residential Improvement Information, Sales Information, Photos, Sketches.

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# Carlisle County, KY PVA

## Parcel Summary

Map Number 025-00-00-023.00  
Account Number 36359 (PID: 86136 PTID: 36359)  
Location Address 1267 US 62  
Tax District 00 Carlisle County  
Homestead No  
2022 Tax Rate 1.113  
Property Class COMMERCIAL  
Description STATE HIGHWAY GARAGE  
Acres 15  
Deed Information 63/563

## Owner Information

Current Owner  
COMMONWEALTH OF KY DEPARTMENT OF HIGHWAYS  
BARDWELL, KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			15.00					

## Valuation

Homestead

## Recent Sales In Area

Sale date range:

From: 04/07/2022 To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500 Feet Sales by Distance

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# Carlisle County, KY PVA

## Parcel Summary

Map Number 026-00-00-003.01  
Account Number 39019 (PID: 88464 PTID: 39019)  
Location Address 1061 US 62  
Tax District 00 Carlisle County  
Homestead No  
2022 Tax Rate 1.113  
Property Class MOBILE HOME  
Description MOBILE HOME ON 2.394 ACRES  
Acres 2.394  
Deed Information 174/683



## Owner Information

Current Owner  
PROVOW TIMOTHY E  
PROVOW KAREN J  
776 CR 1015  
CUNNINGHAM KY 42035

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			2.39	2 LANE	GRAVEL	TYPICAL	GOOD	

## Valuation

	2025 Working	2024 Certified	2023 Certified	2022 Certified	2021 Certified
Homestead	N	N	MR	MR	MR
MOB	\$87,000	\$87,000	\$87,000	\$87,000	\$87,000
PREV_ASST	\$87,000	\$87,000	\$87,000	\$87,000	\$87,000

## Mobile Home Information

Manufacturer	Model	Year Built	Exterior	Sqft	Width (ft)	Length (ft)	Pool	Value
FLEETWOOD		1994	VINYL	1,568	28	56		0

## Sales Information

Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type
03/16/2022	\$35,000	174	683	REID CAROLYN	

## Photos



Recent Sales In Area

Sale date range:

From: 04/07/2022

To: 04/07/2025

Sales by Neighborhood

Sales by Subdivision

Distance: 1500

Feet

▼

Sales by Distance

No data available for the following modules: Commercial Improvement Information, Residential Improvement Information, Sketches.

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GEO SPATIAL

# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-00-00-003.00
Account Number	37659 (PID: 87278 PTID: 37659)
Location Address	N/A
Tax District	00 Carlisle County
Homestead	No
2022 Tax Rate	1.113
Property Class	FARM
Description	13.13 ACRES
Acres	13.13
Deed Information	106/428

## Owner Information

Current Owner  
W D FARMS LIMITED PARTNERSHIP  
% WARREN AND DIANA DUNN  
277 CO RD 1322  
BARDWELL, KY 42023

## Land Information

Lot Size	Lot Frontage	Lot Depth	Acreage	Street Type	Driveway	Neighborhood Type	Site Condition	Land Value
			13.13					

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-00-00-002.08
Account Number	35967 (PID: 85784 PTID: 35967)
Location Address	N/A
Tax District	00 Carlisle County
Homestead	No
2022 Tax Rate	1.113
Property Class	EXEMPT PROPERTIES
Description	.7187 AC
Acres	0.7187
Deed Information	137/566

## Owner Information

**Current Owner**  
CARLISLE COUNTY FISCAL COURT  
PO BOX 279  
BARDWELL KY 42023

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-00-00-002.03
Account Number	36225 (PID: 86017 PTID: 36225)
Location Address	941 US 62
Tax District	00 Carlisle County
Homestead	No
2022 Tax Rate	1.113
Property Class	COMMERCIAL
Description	BANK AND LAND
Acres	3.5
Deed Information	104/240

## Owner Information

**Current Owner**  
CITIZENS DEPOSIT BANK  
PO BOX 10  
ARLINGTON KY 42021

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-10-02-001.00
Account Number	37438 (PID: 87082 PTID: 37438)
Location Address	491 US 62
Tax District	01 City of Bard
Homestead	No
2022 Tax Rate	0.247
Property Class	RESIDENTIAL
Description	HOUSE & LOT 175 X 200
Acres	N/A
Deed Information	169/640



## Owner Information

**Current Owner**  
STAIRS RACHEL D  
491 US 62  
BARDWELL KY 42023

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-10-02-030.00
Account Number	39251 (PID: 88663 PTID: 39251)
Location Address	11 ADAMS ST
Tax District	01 City of Bard
Homestead	No
2022 Tax Rate	0.247
Property Class	RESIDENTIAL
Description	HOUSE & LOT
Acres	N/A
Deed Information	166/523



## Owner Information

**Current Owner**  
HOBBS FAMILY IRREVOCABLE TRUST  
C/O GREG HOBBS  
892 BURKEWOOD DR  
LEXINGTON KY 40509

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-10-02-031.00
Account Number	37575 (PID: 87208 PTID: 37575)
Location Address	455 US 62
Tax District	01 City of Bard
Homestead	No
2022 Tax Rate	0.247
Property Class	RESIDENTIAL
Description	HSE & LOT
Acres	N/A
Deed Information	138/400



## Owner Information

**Current Owner**  
VELA JULIO EVANS  
C/O CITIZENS DEPOSIT BANK  
P.O. BOX 10  
ARLINGTON KY 42021

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# Carlisle County, KY PVA

## Parcel Summary

Map Number	026-10-02-032.00
Account Number	38834 (PID: 88305 PTID: 38834)
Location Address	453 US 62
Tax District	01 City of Bard
Homestead	Yes
2022 Tax Rate	0.247
Property Class	RESIDENTIAL
Description	LOTS 11-12-13-14 HILLSDALE
Acres	N/A
Deed Information	118/616



## Owner Information

**Current Owner**  
DRAPER HAROLD M AND URUSLA  
P O BOX 395  
BARDWELL KY 42023

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



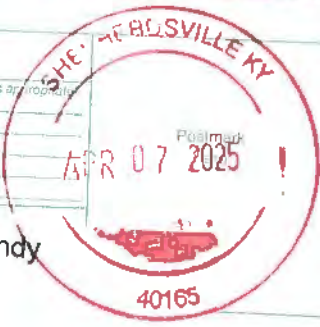
Postage  
Mantle Michael and Jaqueline  
PO Box 120  
Bardwell, KY 42023

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage  
Beardsley Don & Sandy  
583 CR 1302  
Bardwell, KY 42023

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Extra Services & Fees (check box, add fee as appropriate)	
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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage  
Gruber Darren & Amanda  
PO Box 552  
Bardwell, KY 42023

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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage  
Sprague Bourke Edward  
P.O. Box 176  
Sturgis, KY 42459

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



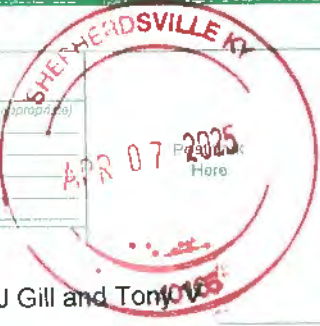
Postage  
Kentucky Holdings 1, LLC  
% Country Side Center  
47 Margo Lane  
Bardwell, KY 42023

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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage  
Gill Pamela J  
Trustee of the Pamela J Gill and Tony  
Gill Revoc  
3019 SR 123  
Bardwell, KY 42023



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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

**Commonwealth of KY**  
**Department of Highways**  
**Bardwell, KY 42023**

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

**Provow Timothy E**  
**Provow Karen J**  
**776 CR 1015**  
**Cunningham, KY 42035**

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

**WD Farms Limited Partnership**  
**% Warren and Diana Dunn**  
**277 Co Rd 1322**  
**Bardwell, KY 42023**

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

**Carlisle County Fiscal Court**  
**PO Box 279**  
**Bardwell, KY 42023**

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

**Citizens Deposit Bank**  
**PO Box 10**  
**Arlington, KY 42021**

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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

**Stairs Rachel D**  
**491 US 62**  
**Bardwell, KY 42023**

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<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage  
 \$ \_\_\_\_\_

**Hobbs Family Irrevocable Trust**  
**c/o Greg Hobbs**  
**892 Burkewood Dr**  
**Lexington, KY 40509**

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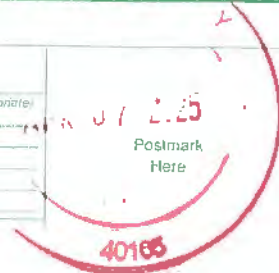
Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage  
 \$ \_\_\_\_\_

**Vela Julio Evans**  
**c/o Citizens Deposit Bank**  
**P.O. Box 10**  
**Arlington, KY 42021**

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage  
 \$ \_\_\_\_\_

**Draper Harold M and Ursula**  
**PO Box 395**  
**Bardwell, KY 42023**

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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.

1. Article Addressed to:

Mantle Michael and Jaqueline  
PO Box 120  
Bardwell, KY 42023



9590 9402 7926 2305 8919 14

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7793 10

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

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

x M. Mantle

☐ Agent  
☒ Addressee

B. Received by (Printed Name)

Mike Mantle

C. Date of Delivery

4/9/25

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

## 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:

Beardsley Don & Sandy  
583 CR 1302  
Bardwell, KY 42023



9590 9402 7926 2305 8919 07

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7793 27

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

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent  
☐ Addressee

B. Received by (Printed Name)

D. B.

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
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

## 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:

Gruber Darren & Amanda  
PO Box 552  
Bardwell, KY 42023



9590 9402 7926 2305 8918 91

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7793 34

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

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent  
☐ Addressee

B. Received by (Printed Name)

D. B.

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
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery



## 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:

Sprague Bourke Edward  
P.O. Box 176  
Sturgis, KY 42459



9590 9402 7926 2305 8918 84

## 2. Article Number (Transfer from service label)

9589 0710 5270 1676 7792 59

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

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X Amante Hill

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

Amante Hill

## 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  
☐ Insured Mail Restricted Delivery (over \$500)
- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

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.

## 1. Article Addressed to:

Kentucky Holdings 1, LLC  
% Country Side Center  
47 Margo Lane  
Bardwell, KY 42023



9590 9402 7926 2305 8918 77

## 2. Article Number (Transfer from service label)

9589 0710 5270 1676 7792 66

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

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X [Signature]

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

## 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  
☐ Insured Mail Restricted Delivery (over \$500)
- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

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.

## 1. Article Addressed to:

Gill Pamela J  
Trustee of the Pamela J Gill and Tony V  
Gill Revoc  
3019 SR 123  
Bardwell, KY 42023



9590 9402 7926 2305 8918 60

## 2. Article Number (Transfer from service label)

9589 0710 5270 1676 7792 73

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

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X [Signature]

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

## 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  
☐ Insured Mail Restricted Delivery (over \$500)
- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

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.

1. Article Addressed to:

Provow Timothy E  
Provow Karen J  
776 CR 1015  
Cunningham, KY 42035



9590 9402 7926 2305 8917 47

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7794 26

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

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Timothy E Provow*☐ Agent☒ Addressee

B. Received by (Printed Name)

Timothy E Provow

C. Date of Delivery

4/12/25

D. Is delivery address different from item 1? ☐ YesIf 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

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.

1. Article Addressed to:

WD Farms Limited Partnership  
% Warren and Diana Dunn  
211 Co Rd 1322  
Bardwell, KY 42023



9590 9402 7926 2305 8917 30

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7794 33

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

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Warren & Diana Dunn*☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ YesIf 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

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.

1. Article Addressed to:

Carlisle County Fiscal Court  
PO Box 279  
Bardwell, KY 42023



9590 9402 7926 2305 8918 15

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7794 40

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

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Stephen*☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ YesIf 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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Stairs Rachel D 491 US 62 Bardwell, KY 42023</p>	<p>A. Signature X <i>William T. Stairs</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>William T. Stairs</i> C. Date of Delivery <i>1/4/9</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p> 9590 9402 7926 2305 8919 52</p> <p>2. Article Number (Transfer from service label) 9589 0710 5270 1676 7793 58</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™  <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Insured Mail  <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Draper Harold M and Urusia PO Box 395 Bardwell, KY 42023</p>	<p>A. Signature X <i>Harold M. Draper</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>H. Draper</i> C. Date of Delivery <i>1/4/25</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p> 9590 9402 7926 2305 8919 21</p> <p>2. Article Number (Transfer from service label) 9589 0710 5270 1676 7793 03</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™  <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Insured Mail  <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	

Domestic Return Receipt



Shepherdsville, KY 40165-0369

**CERTIFIED MAIL®**



9589 0710 5270 1676 7793 65

Hobbs Family Irrevocable Trust  
c/o Greg Hobbs  
892 Burkewood Dr  
Lexington, KY 40509

## FIRST-CLASS

US POSTAGE  MAGNETNEY BOWES

ZIP 40165  
02 7H  
0006034260

\$ 009.64<sup>0</sup>

5-4

4050934753-0350

品名	规格	单位	数量	单价	金额
1. 水泥	42.5	m <sup>3</sup>	100	120.00	12000.00
2. 砂	中砂	m <sup>3</sup>	200	30.00	6000.00
3. 石子	20mm	m <sup>3</sup>	150	40.00	6000.00
4. 钢筋	Φ12	kg	5000	4.00	20000.00
5. 木材	杉木	m <sup>3</sup>	50	100.00	5000.00
6. 油漆	防锈漆	kg	100	10.00	1000.00
7. 人工	综合工日	工日	1000	10.00	10000.00
8. 机械	挖掘机	台班	10	100.00	1000.00
9. 材料	碎石	m <sup>3</sup>	100	30.00	3000.00
10. 其他	零星材料	元	100	1.00	100.00
合计					55000.00

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS. FOLD AT BOTTOM LINE.

1. Article Addressed to:  
Hobbs Family Irrevocable Trust  
c/o Greg Hobbs  
892 Burkewood Dr  
Lexington, KY 40509



9590 9402 7926 2305 8919 45

**IX**

- ☐ 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

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7793 65

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

Domestic Return Receipt

Pike  
P. O. Box 369  
Shepherdsville, KY 40165-0369

4/15

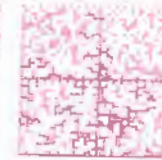
CERTIFIED MAIL®



9589 0710 5270 1676 7792 80

Commonwealth of KY  
Department of Highways  
Bardwell, KY 42023

FIRST CLASS



US POSTAGE

\$ 009.64<sup>00</sup>

UTF/IA

NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

RETURN TO SENDER  
IF ADDRESSEE  
UNDELIVERABLE  
OR TO FORWARD

TO: 401650369 42023-0369

42023-0369

IA

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS, IF APPLICABLE

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:

Commonwealth of KY  
Department of Highways  
Bardwell, KY 42023



9590 9402 7926 2305 8918 53

2. Article Number (Transfer from service label)

9589 0710 5270 1676 7792 80

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

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
- ☐ Insured Mail Restricted Delivery (over \$500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Tracking Number:

Remove X

9589071052701676779341

Copy      Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was picked up at a postal facility at 8:35 am on April 9, 2025 in ARLINGTON, KY 42021.

Get More Out of USPS Tracking:

USPS Tracking Plus<sup>®</sup>

Delivered

Delivered, Individual Picked Up at Postal Facility

ARLINGTON, KY 42021

April 9, 2025, 8:35 am

See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Feedback

Text & Email Updates



USPS Tracking Plus<sup>®</sup>



Product Information



See Less ^

Track Another Package

Enter tracking or barcode numbers

## Need More Help?

Contact USPS Tracking support for further assistance.

**FAQs**



Tracking Number:

Remove X

9589071052701676779372

Copy      Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was picked up at a postal facility at 8:34 am on April 9, 2025 in ARLINGTON, KY 42021.

Get More Out of USPS Tracking:

USPS Tracking Plus<sup>®</sup>

Delivered

Delivered, Individual Picked Up at Postal Facility

ARLINGTON, KY 42021

April 9, 2025, 8:34 am

See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Feedback

Text & Email Updates



USPS Tracking Plus<sup>®</sup>



Product Information



See Less ^

Track Another Package

Enter tracking or barcode numbers

## Need More Help?

Contact USPS Tracking support for further assistance.

**FAQs**

**EXHIBIT K**

**COPY OF PROPERTY OWNER NOTIFICATION**



**PIKE LEGAL GROUP PLLC**  
1578 Highway 44 East, Unit 6  
PO Box 369  
Shepherdsville, KY 40165-0369  
Phone: 502-955-4400  
Fax: 502-543-4410

**VIA CERTIFIED MAIL**

**Notice of Proposed Construction of  
Wireless Communications Facility  
Site Name: BARDWELL NORTH**

Dear Landowner:

The Towers, LLC d/b/a Vertical Bridge and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on County Road 1302 (Webb School Road), Bardwell, KY 42023 (36° 53' 03.403623" North latitude, 89° 00' 20.457381" West longitude). The proposed facility will include a 250-foot tall tower with a 10-foot tall lightning arrestor attached at the top for a total height of 260 feet, plus related ground facilities. This facility is needed to provide improved service 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 to the property on which the tower is to be constructed. You have a right to submit testimony to the PSC, either in writing or to request intervention in the PSC's proceedings on the application. You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00111 in any correspondence sent in connection with this matter.

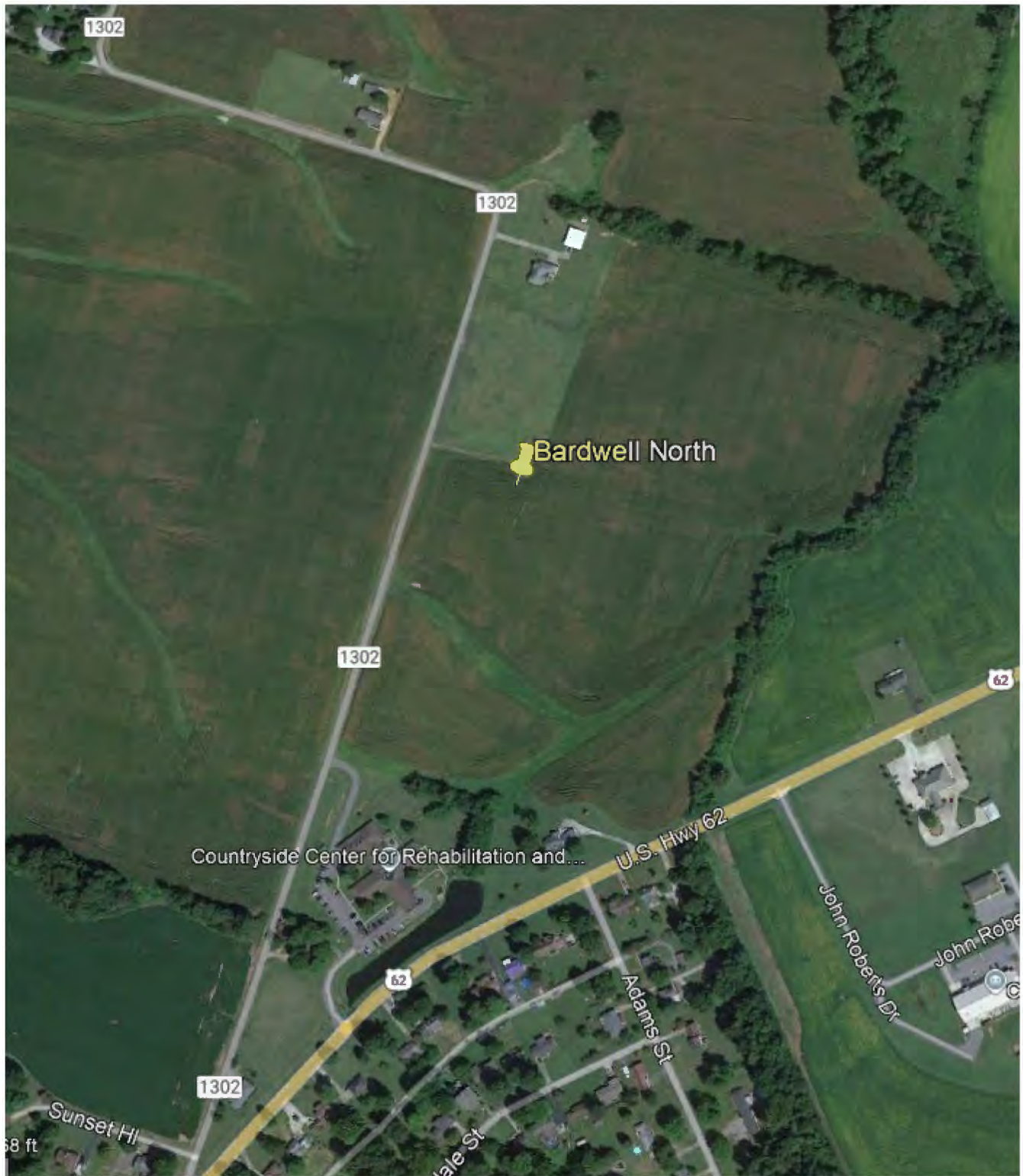
We have attached a map showing the site location for the proposed tower. Verizon Wireless radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us toll free at (800) 516-4293 if you have any comments or questions about this proposal.

Sincerely,  
David A. Pike  
Attorney for Applicant

enclosures



**PIKE LEGAL GROUP PLLC**  
1578 Highway 44 East, Unit 6  
PO Box 369  
Shepherdsville, KY 40165-0369  
Phone: 502-955-4400  
Fax: 502-543-4410



**EXHIBIT L**

**COPY OF COUNTY JUDGE/EXECUTIVE NOTICE &  
PROOF OF NOTICE**



**PIKE LEGAL GROUP PLLC**  
1578 Highway 44 East, Unit 6  
PO Box 369  
Shepherdsville, KY 40165-0369  
Phone: 502-955-4400  
Fax: 502-543-4410

**VIA CERTIFIED MAIL**

Greg Terry  
County Judge Executive  
P.O. Box 279  
Bardwell, KY 42023

RE: Notice of Proposal to Construct Wireless Communications Facility  
Kentucky Public Service Commission Docket No. 2025-00111  
Site Name: Bardwell North

Dear Judge/Executive:

The Towers, LLC d/b/a Vertical Bridge and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on County Road 1302 (Webb School Road), Bardwell, KY 42023 (36° 53' 03.403623" North latitude, 89° 00' 20.457381" West longitude). The proposed facility will include a 250-foot tall tower with a 10-foot tall lightning arrestor attached at the top for a total height of 260 feet, plus related ground facilities. This facility is needed to provide improved service for wireless communications in the area.

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 2025-00111 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 wireless customers in the area. Please feel free to contact us with any comments or questions you may have.

Sincerely,  
David A. Pike  
Attorney for Applicant  
enclosures





**PIKE LEGAL GROUP PLLC**  
1578 Highway 44 East, Unit 6  
PO Box 369  
Shepherdsville, KY 40165-0369  
Phone: 502-955-4400  
Fax: 502-543-4410





9589 0710 5270 1676 7794 02

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CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [usps.com](#)

Certified Mail Fee  
\$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)

\$

☐ Return Receipt (electronic)

\$

☐ Certified Mail Restricted Delivery

\$

☐ Adult Signature Required

\$

☐ Adult Signature Restricted Delivery


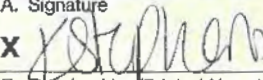
\$

Greg Terry  
County Judge Executive  
P.O. Box 279  
Bardwell, KY 42023

Postmark  
Here

40165

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<div><div><div>■ Complete items 1, 2, and 3.</div><div>■ Print your name and address on the reverse so that we can return the card to you.</div><div>■ Attach this card to the back of the mailpiece, or on the front if space permits.</div></div><div>1. Article Addressed to:  Greg Terry County Judge Executive P.O. Box 279 Bardwell, KY 42023</div><div><div> 9590 9402 7926 2305 8917 61</div><div>2. Article Number (Transfer from service label) 9589 0710 5270 1676 7794 02</div></div></div>	<div><div>A. Signature <div>X </div><div><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</div></div><div><div>B. Received by (Printed Name)</div><div>C. Date of Delivery</div></div><div><div>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</div></div></div> <div><div>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</div><div><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</div></div>

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

**EXHIBIT M**

**COPY OF POSTED NOTICES  
AND NEWSPAPER NOTICE ADVERTISEMENT**

**SITE NAME: BARDWELL NORTH**  
**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.

The Towers, LLC d/b/a Vertical Bridge and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner propose to construct a telecommunications **tower** on this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; telephone: (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00111 in your correspondence.

The Towers, LLC d/b/a Vertical Bridge and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner propose to construct a telecommunications **tower** near this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; telephone: (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00111 in your correspondence.

# COMMENTARY: From Pope's start to return, it was some kind of fun for

By KEITH TAYLOR, Kentucky Today

A year ago, the national search for a men's basketball coach at the University of Kentucky was well underway, and speculation was rampant about who would succeed John Calipari.

Calipari resigned on April 9 to become the head coach at the University of Arkansas. Calipari's 15 seasons in Lexington had reached a tipping point after the Wildcats had lost in the opening round of the NCAA Tournament twice in the previous three seasons. A loss to Oakland in the 2023 NCAA Tournament was the final straw for Calipari, despite his joint appearance with Athletics Director Mitch Barnhart to reassure Big Blue Nation that things would be better.

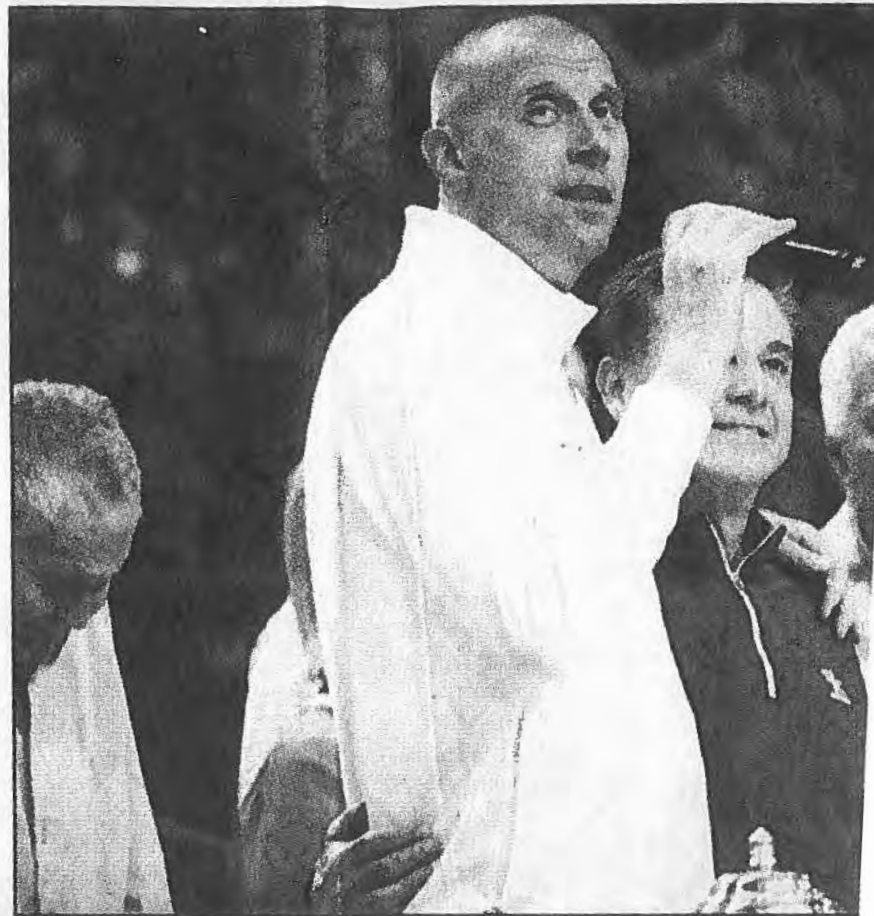
Barnhart's first target, as reported first here, was Baylor coach Scott Drew, who opted to remain in Waco and build on the foundation he created during his tenure

with the Bears. The next target was Connecticut coach Danny Hurley, who had just won a national title with the Huskies.

Hurley stayed put, and Barnhart switched gears and set his sights on Mark Pope, a former player who won a national title as a player with the Wildcats in 1996 and a coach who understood the passion of Big Blue Nation. The Pope selection wasn't a popular one at first, but the hire caught fire as indicated by his introductory press conference at Rupp Arena.

Pope quickly assembled a staff and a roster, seemingly at the same time and built a team that set the tone for future teams to follow. The Wildcats finished 24-12, won three games in the postseason, and advanced to the Sweet Sixteen of the NCAA Tournament for the first time since 2019.

Late-season injuries forced Pope and his staff to adjust to adversity. The result was a successful campaign in the



postseason even without one of its top scorers in Jaxson Robinson. Point guard Lamont Butler did what he could to help carry the Wildcats deep into the postseason.

After a rocky start, Calipari settled in at Arkansas and became more comfortable in his

own skin in Fayetteville. As for the Hurley idea, it turns out he wouldn't have been a good fit in Lexington based on his behavior this season.

At Big Blue Madness, Rick Pitino returned to "Carnelot" and helped usher in the Pope era in a packed house at Rupp Arena. Pitino's presence and support were welcomed and much-needed after years of social distancing between

the former coach and the fan base embraced him in his unforgettable year run as coach of the Wildcats. His ten years at Louisville had a lot to do with the relationship between the coach and the fans.

Looking ahead to next season, Pope will have some holdovers from last year's squad, combined with a mixture of new school signees.

## NOTICE

The Towers, LLC d/b/a Vertical Bridge and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on County Road 1302 (Webb School Road), Bardwell, KY 42023 (36° 53' 03.403623" North latitude, 89° 00' 20.457381" West longitude). You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00111 in any correspondence sent in connection with this matter.

## PUBLIC NOTICE

There will be a public hearing for the purpose of establishing fee-pooling and a purchase of land by the County Sheriff and County Court Clerk on Monday, January 13, 2025, at 8:30am; the next regularly scheduled meeting of the Board of Commissioners is available for review at the Executive's office, located at the Carlisle Hotel, 62 Bardwell, KY 42023, between the hours of 10:00am and 1:00pm through Friday.

ATTACH COPY OF ADVERTISEMENT HERE

KENTUCKY PUBLISHING INC  
Indiana Newspaper Group  
1540 MC CRACKEN BLVD  
PADUCAH, KY 42001  
61-1199269

Prescribed by State Board of Accounts

General Form No. 99P (Rev. 2009)

..... PIKE LEGAL GROUP, PLLC  
(Governmental Unit)  
RE: TOWERS \_ BARDWELL

PIKE LEGAL GROUP, PLLC  
ACCTS PAYABLE  
PO BOX 369  
SHEPHERDSVILLE, KY 40165

INV: 5107260

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LEGAL NOTICE  
TEARSHEET & AFFIDAVIT

\$99.00  
\$10.00

Amount due

\$0.00  
\$109.00

Pursuant to the provisions and penalties of IC 5-11-10-1, I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

I also certify that the printed matter attached hereto is a true copy, of the same column width and type size, which was duly published in said paper. The dates of publication being as follows:

..... 17-Apr-25

..... PUBLIC NOTICE - TOWERS / BARDWELL

PUBLISHER'S SIGNATURE

  
Teresa LeNeave

Teresa LeNeave  
Expires July 2027

Date ..... 17-Apr-25

Notary: TERESA LENEAVE, ACCOUNTING DEPT

**EXHIBIT N**

**COPY OF RADIO FREQUENCY DESIGN SEARCH AREA**



**SR: EV Bardwell North**

Radius: 0.5 mile

