

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

In the Matter of:

THE APPLICATION OF )  
CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS )  
AND APC TOWERS IV, LLC FOR ISSUANCE ) CASE NO. 2024-00019  
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND )  
NECESSITY TO CONSTRUCT A WIRELESS )  
COMMUNICATIONS FACILITY IN THE )  
COMMONWEALTH OF KENTUCKY IN THE COUNTY )  
OF GRAVES )

SITE NAME: SEDALIA

\* \* \* \* \*

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

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

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

1. The complete name and address of the Co-Applicants:
  - a. Cellco Partnership, d/b/a Verizon Wireless, having a local address of 2902 Ring Road, Elizabethtown, KY, 42701.

- b. APC Towers IV, LLC, having a local address of 8601 Six Forks Road, Suite 250, Raleigh, KY NC 27615
2. Co-Applicants:
  - a. Cellco Partnership, d/b/a Verizon Wireless is a Delaware general partnership and a copy of the Statement of Good Standing from Delaware, and the Certificate of Assumed Name is on file with the Secretary of State of Commonwealth of Kentucky and included as part of **Exhibit A**.
  - b. APC Towers IV, LLC a Delaware limited liability company and a copy of the formulation document from Delaware, and the Certificate of Authorization on file with the Secretary of State of Commonwealth of Kentucky, are included as part of **Exhibit A**.
3. Co-Applicants propose construction of an antenna tower for communications services, which is to be located in an area outside the jurisdiction of a planning commission, and Applicant submits this application to the PSC for a certificate of public convenience and necessity pursuant to KRS §§ 278.020(1), 278.040, 278.650, 278.665, and other statutory authority.
4. The Co-Applicant operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of the Co-Applicant's FCC Application and Licenses with Authorization to provide wireless services are attached to this Application or described as part of **Exhibit B**, and the facility will be constructed and operated in accordance with applicable FCC regulations. Co-Applicants will submit the approval as soon as received.

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

6. To address the above-described service needs, Co-Applicants propose to construct a WCF at on a site located on the south side of KY HWY 339, west of Eagle Road, Sedalia, KY 42079 (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"), 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 Jesse and Kristina Perry pursuant to a Deed recorded in Deed Book 521, Page 812 in the office of the County Clerk. The proposed WCF will consist of a 300-foot tall tower, with an approximately 5-foot tall lightning arrestor attached at the top, for a total height to top of appurtenances of 310-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of the Co-Applicant's radio electronics equipment and appurtenant equipment. The Applicant's equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit C** and **Exhibit D**.

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

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

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

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

11. A copy of the Application for Federal Aviation Administration's ("FAA") and the FAA Determination of No Hazard are attached as **Exhibit F**.

12. A copy of the Application for Kentucky Airport Zoning Commission (“KAZC”) are attached as **Exhibit G**. Co-Applicants will submit the approval as soon as received.
13. A geotechnical engineering report was performed at the WCF site by Delta Oaks Group, 4904 Professional Court, Second Floor, Raleigh, NC 27609, dated January 10, 2024 and is attached as **Exhibit H**. The name and address of the geotechnical engineering firm and the professional engineer registered in Kentucky who prepared the report are included as part of **Exhibit H and Exhibit S**.
14. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit I**. The name and telephone number of the preparer of **Exhibit I** are included as part of this exhibit.
15. Applicant, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement or an abbreviated agreement recorded with the County Clerk is attached as **Exhibit J**.
16. Personnel directly responsible for the design and construction of the proposed WCF are well qualified and experienced. The tower and foundation drawings for the proposed tower submitted as part of **Exhibit D** bear the signature and stamp of a professional engineer registered in the Commonwealth of Kentucky. All tower designs meet or exceed the minimum requirements of applicable laws and regulations. The identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibit S**.
17. The Construction Manager for the proposed facility is Billy Waldrige Jr. and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibit S**.

18. As noted on the Survey attached as part of **Exhibit C**, the surveyor has determined that the tower site and access easement are not within any flood hazard area per Flood Hazard Boundary Map, Community Panel Number 21083C0275C, Dated December 3, 2009. **Exhibit C** also identifies every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system.

19. Attached as **Exhibit K** is the Notification List with screen shots of the PVA records verified and updated using the Graves PVA on February 5, 2024.

20. Co-Applicants have sent certified notices to every person who, according to the records of the County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and informed of his or her right to request intervention. A copy of the form of the notice sent by certified mail to each landowner on February 5, 2024, is attached as **Exhibit L**. Three (3) notices were sent to surrounding property owners; to date two (2) notice green cards have been returned, and USPS tracking indicates that the notice to Naomi and Malcolm Jetton is “moving through the network”. However, on February 19, 2024 we received a phone call from the Jettons’ son-in law, Richard Farris; he had questions about the notice the Jetton’s received. Copies of the mailed envelopes, returned green cards and the USPS tracking are included in **Exhibit L**. With this evidence, there are no unaccountable notices.

21. On February 14, 2024, it came to our attention that there was an error in the notice letters indicating the location as KY HWY 336 instead of KY HWY 339. Therefore, on February 14, the Notification List was reverified with the PVA records and new corrected notice was sent. A copy of the form of the notice sent by certified mail to each landowner on February 14, 2024, is attached as **Exhibit L1**. On March 4 the Jettons' son-in-law, Richard Harris called again. Mr. Farris sent us a scan of the Jettons' notice dated February 14, 2024. Copies of the mailed envelopes, returned green card, the USPS tracking and a scan of the corrected notice received by the Jettons' to confirm the mailing was received are included in **Exhibit L1**. With this evidence, there are no unaccountable notices.

22. Co-Applicants have notified the applicable County Judge/Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the County Judge/Executive of his/her right to request intervention. The notice was mailed February 5, 2024. A copy of the notice along with a copy of the mailed envelope and USPS tracking indicating that the notice "is moving through the network" is attached as **Exhibit M**.

23. On February 14, 2024, it came to our attention that there was an error in the notice letter indicating the location as KY HWY 336 instead of KY HWY 339. Therefore, on February 14, a new corrected notice was sent. A copy of the form of the corrected notice sent by certified mail to the Judge Executive February 14, 2024, is attached as **Exhibit M1**.

24. On March 4, 2024, our office conversed with the Judge Executive's Office to find the location has moved. New notice was mailed March 4, 2024. A copy of the form of the notice sent by certified mail to the Judge Executive March 4, 2024, is attached as **Exhibit M1**. The green card will be added to the file as soon as received.

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

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

27. The area of the proposed facility is in the unincorporated area of Graves County, Kentucky. The site is located on the south side of KY HWY 339, west of Eagle Road, Sedalia, KY 42079. The site is utilized for agricultural production and the area is mostly large farm properties and smaller residential properties. The terrain in the area varies from rolling to hilly with areas of tree growth. There is no zoning or Plan Commission in Graves County. The general area where the proposed facility is proposed is open, tilled area and, removed a significant distance from any residential structures. The nearest residential structure is 706 feet from the proposed tower site.

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



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

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, as set out and documented in the RF Design Engineer's Statement of Need and Propagation Maps attached as **Exhibit Q** and **Exhibit R**, respectively. The proposed tower will expand and improve voice and data service for Verizon Wireless customers.

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

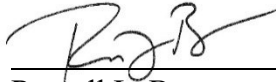
31. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

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

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

WHEREFORE, Co-Applicants respectfully request that the PSC accept the foregoing Application for filing and, having met the requirements of KRS §§278.020(1), 278.650, and 278.665 and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the WCF at the location set forth herein.

Respectfully submitted,



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Russell L. Brown

Clark, Quinn, Moses, Scott & Grahn, LLP

320 North Meridian Street, Suite 1100

Indianapolis, IN 46204

Phone: (317) 637-1321 / FAX: (317) 687-2344

Email: [rbrown@clarkquinnlaw.com](mailto:rbrown@clarkquinnlaw.com)

Attorney for Cellco Partnership d/b/a Verizon Wireless

## LIST OF EXHIBITS

- A Applicant Entity
- B FCC Registration and License Documentation
- C Site Development Plan:
  - 500' Vicinity Map Legal Descriptions
  - Flood Plain Certification Site Plan
  - Vertical Tower Profile
- D Tower and Foundation Design
- E Competing Utilities, Corporations, or Persons List  
And Map of Like Facilities in Vicinity
- F FAA Application and Determination of No Hazard
- G KAZC Application
- H Geotechnical Report
- I Directions to WCF Site
- J Real Estate Agreement
- K Notification Listing with PVA Verification
- L Property Owner Notification
- L1 Corrected Property Owner Notification
- M County Judge/Executive notice
- M1 Corrected County Judge/Executive notices 2.14.24 and 3.4.24
- N Posted Notices
- O Newspaper Legal Notice Advertisement
- P Radio Frequency Design Search Area
- Q Radio Frequency Design Engineer Statement of Need
- R Propagation Maps
- S List of Qualified Professionals
- T Affidavit of Certification

# Delaware

The First State

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

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



  
Jeffrey W. Bullock, Secretary of State

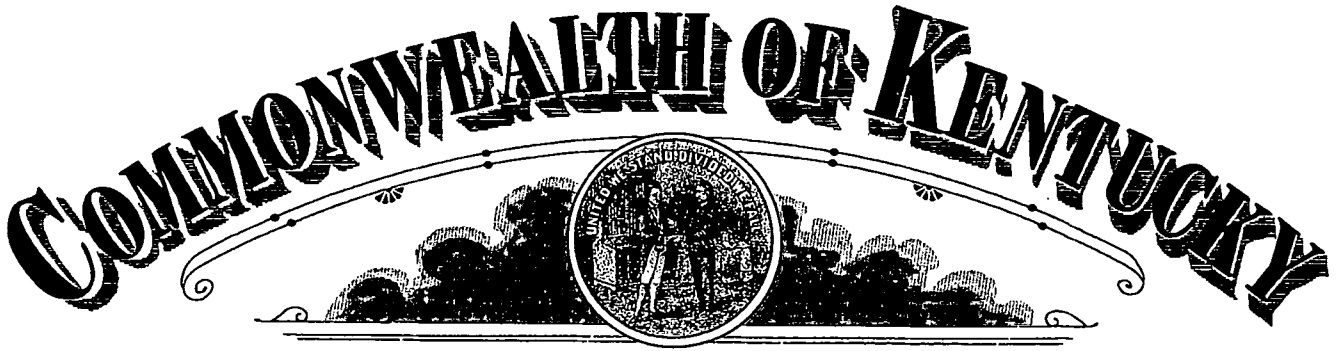
3341134 8300

SR# 20231665976

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

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

Dcornish  
C226

Trey Grayson  
Secretary of State  
Received and Filed

06/21/2006 12:06:09 PM  
Fee Receipt: \$20.00

CERTIFICATE OF ASSUMED NAME

This certifies that the assumed name of  
Verizon Wireless

(Name under which the business will be conducted)

has been adopted by See Addendum

(Real name - KRS 365.015(1))

which is the "real name" of (YOU MUST CHECK ONE)

- |  |   |
|--|---|
| <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. Schapker  
Signature  
Jane A. Schapker-Assistant Secretary

Print or type name and title

June 15, 2006

Date

Signature

Print or type name and title

Date

**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

# Delaware

Page 1

The First State

*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "APC TOWERS IV, LLC", FILED IN THIS OFFICE ON THE THIRD DAY OF MARCH, A.D. 2022, AT 10:15 O`CLOCK A.M.*



  
Jeffrey W. Bullock, Secretary of State

6650861 8100  
SR# 20240209212

Authentication: 202646764  
Date: 01-23-24

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



## CERTIFICATE OF FORMATION

OF

### APC TOWERS IV, LLC

This Certificate of Formation of APC Towers IV, LLC has been duly executed and is being filed by the undersigned authorized person for the purpose of forming a limited liability company pursuant to the Delaware Limited Liability Company Act, (6 Del. C. §§18-101, et seq.)

1. Name. The name of the limited liability company formed hereby (the "Company") is APC Towers IV, LLC.

2. Registered Office. The address of the registered office of the Company in the State of Delaware is: Corporation Trust Center, 1209 Orange Street, New Castle County, Wilmington, Delaware 19801.

3. Registered Agent. The name and address of the registered agent for service of process on the Company in the State of Delaware is The Corporation Trust Company, 1209 Orange Street, New Castle County, Wilmington, Delaware 19801.

4. Bankruptcy of a Member. For a period of sixty (60) days following the date on which the Company becomes aware that a bankruptcy petition has been filed by or against any member of the Company, the Company shall have the option to purchase all of such member's interests in the Company, exercisable by delivering written notice of its exercise of such option to such member and, if applicable, to the bankruptcy trustee and, provided that within sixty (60) days after its exercise of such option the Company pays to such member or trustee, as applicable, an amount equal to the capital account balance attributable to such member's interests in the Company (calculated pursuant to the Limited Liability Company Agreement of the Company), such member's interests in the Company automatically shall transfer to and vest in the Company without any further action by the Company and without any action by such member or trustee.

IN WITNESS WHEREOF, the undersigned authorized person has caused this Certificate of Formation to be duly executed as of the 3rd day of March, 2022.

/S/ GARRETT D. EVERS

Garrett D. Evers  
Authorized Person

**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: 304068  
Visit <https://web.sos.ky.gov/ftshow/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,

**APC TOWERS IV, LLC**

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on February 22, 2023.

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 31<sup>st</sup> day of January, 2024, in the 232<sup>nd</sup> year of the Commonwealth.



*Michael G. Adams*

Michael G. Adams  
Secretary of State  
Commonwealth of Kentucky  
304068/1262373

**FCC Form 854  
Main Form**

Approved by OMD – 3060-0139  
See instructions for public burden estimate

**Application for Antenna Structure Registration**

**Purpose of Filing**

1) Enter the application purpose: ( <b>NE</b> )	
<b>AM</b> – Amendment of a Pending Application <b>AU</b> – Administrative Update <b>CA</b> – Cancellation of an Antenna Structure Registration <b>DI</b> – Notification of an Antenna Structure Dismantlement <b>MD</b> – Modification of a Antenna Structure Registration	<b>NE</b> – Registration of a New Antenna Structure <b>NT</b> – Required Construction/Alteration Notification <b>OC</b> – Ownership Change <b>RE</b> – Registration of a Replacement Antenna Structure <b>WD</b> – Withdrawal of a Pending Application
2a) If the answer to 1 is AU, CA, DI, MD, NT, OC or RE, provide the FCC Antenna Structure Registration (ASR) Number.	FCC ASR Number:
2b) If the answer to 1 is AM or WD, provide the File Number of the pending application on file.	File Number:
2c) If the answer to 1 is MD or NT, provide the date the Antenna Structure was constructed or the date it was last altered (mm/dd/yyyy).	Date:
2d) If the answer to 1 is DI, provide the date the Antenna Structure was dismantled (mm/dd/yyyy).	Date:

**Antenna Structure Ownership Information**

3) Select one of the entity types:			
( ) Individual	( ) Unincorporated Association	( ) Trust	( ) Government Entity
( ) Corporation	( <b>X</b> ) Limited Liability Company	( ) General Partnership	( ) Limited Partnership
( ) Consortium	( ) Limited Liability Partnership	( ) Other: _____	
4) FCC Registration Number (FRN): <b>0023897788</b>		5) Assignor FCC Registration Number (FRN):	
6) First Name (if individual):	MI:	Last Name:	Suffix:
7) Legal Entity Name (if not an individual): <b>APC Towers IV, LLC</b>			
8) Attention To:		9) P.O. Box:	<b>And/Or</b>
10a) Street Address 1: <b>8601 Six Forks Road</b>		10b) Street Address 2: <b>Suite 250</b>	
11) City: <b>RALEIGH</b>	12) State: <b>NC</b>	13) Zip Code: <b>27615</b>	
14) Telephone Number (xxx-xxx-xxxx): <b>(919) 324-1945</b>		15) Fax Number: (xxx-xxx-xxxx):	
16) E-mail Address: <b>jgreene@apctowers.com</b>			

### Contact Representative Information

17) First Name (if individual): <b>Jonathan</b>	MI:	Last Name: <b>Greene</b>	Suffix:
18) Business Name: <b>APC Towers IV, LLC</b>			
19) Attention To:	20) P.O. Box		And/Or
21a) Street Address 1: <b>8601 Six Forks Road</b>		21b) Street Address 2: <b>Suite 250</b>	
22) City: <b>RALEIGH</b>	23) State: <b>NC</b>	24) Zip Code: <b>27615</b>	
25) Telephone Number (xxx-xxx-xxxx): <b>(919) 324-1945</b>		26) Fax Number: (xxx-xxx-xxxx):	
27) E-mail Address: <b>jgreene@apctowers.com</b>			

### Antenna Structure Information

28a) Latitude (DD-MM-SS.S): <b>36- 37- 56.3</b>		28b) North or South: <b>North</b>	
29a) Longitude (DDD-MM-SS.S): <b>088- 33- 22.2</b>		29b) East or West: <b>West</b>	
30) Street Address or Geographic Location: <b>South of KY-339</b>		31) City: <b>Sedalia</b>	
32) County: <b>GRAVES</b>	33) State: <b>KENTUCKY</b>	34) Zip Code: <b>42066</b>	
35) Elevation of site above mean sea level (meters):			<b>161.9 meters</b>
36) Overall height above ground level (AGL) of the supporting structure without appurtenances:			<b>93.0 meters</b>
37) Overall height above ground level (AGL) of the antenna structure including all appurtenances:			<b>94.5 meters</b>
38) Overall height above mean sea level (add items 35 and 37 together):			<b>256.4 meters</b>
39a) Enter the type of structure on which the antenna will be mounted: ( <b>LTOWER</b> )			
<b>B</b> – Building <b>BANT</b> – Building with Antenna on Top <b>BMAST</b> – Building with Mast <b>BPIPE</b> – Building with Pipe <b>BPOLE</b> – Building with Pole <b>BRIDG</b> – Bridge <b>BTWR</b> – Building with Tower <b>GTOWER</b> – Guyed Structure Used For Communication Purposes <b>LTOWER</b> – Lattice Tower <b>MAST</b> – Mast <b>MTOWER</b> – Monopole <b>NNGTANN</b> – Guyed Tower Array		<b>NNLTANN</b> – Lattice Tower Array <b>NNMTANN</b> – Monopole Array <b>PIPE</b> – Any type of Pipe <b>POLE</b> – Any type of Pole <b>RIG</b> – Oil or Other Type of Rig <b>SIGN</b> – Any type of Sign or Billboard <b>SILo</b> – Any type of Silo <b>STACK</b> – Smoke Stack <b>TANK</b> – Any type of Tank (water, gas, etc.) <b>TREE</b> – When used as a support for an antenna <b>UPOLE</b> – Utility Pole/Tower used to provide service (electric, telephone, etc.)	
39b) Number of Towers in Array:		39c) Position of this Tower in the Array:	
40a) Array Center Latitude (DD-MM-SS.S):		40b) North or South	
41a) Array Center Longitude (DDD-MM-SS.S):		41b) East or West:	

### Proposed Marking and/or Lighting

42) Enter the proposed marking and/or lighting: ( 7 )  
See Form 854 Item 42 Instructions for detailed tier and lighting information.

- |                |                |                 |
|----------------|----------------|-----------------|
| 1) None        | 4) FAA Style B | 7) FAA Style E  |
| 2) Paint Only  | 5) FAA Style D | 8) FAA Style F  |
| 3) Other _____ | 6) FAA Style C | 9) FAA Style A  |
|                |                | 10) FAA Style G |

### FAA Notification

43) FAA Study Number: <b>2023-ASO-30268-OE</b>	44) Date Issued: <b>12/13/2023</b>
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### Environmental Compliance

45) Does the applicant request a waiver of the Commission's rules for environmental notice prior to construction due to an emergency situation?	( No ) Yes or No
46a) If the answer to 45 is No, is another federal agency taking responsibility for environmental review of the Antenna Structure?	( No ) Yes or No
46b) If the answer to 46a is Yes, indicate why:  1) The Antenna Structure is on Federal Land and the landholding agency is taking responsibility for the environmental review of the Antenna Structure.  2) Another federal agency has agreed with the FCC in writing to take responsibility for the environmental review of the Antenna Structure.	( ) 1 or 2
46c) If the answer to 46a is Yes, provide the name of the federal agency taking responsibility for the environmental review of the Antenna Structure.	Name:
47) If the answers to 45 and 46a are No, provide the National Notice Date for the application to be posted on the FCC's website (mm/dd/yyyy).	Date: <b>02/07/2024</b>
48) Is the applicant submitting an environmental assessment?	( No ) Yes or No
49) Does the applicant certify that grant of Authorizations at this location would not have a significant environmental effect pursuant to Section 1.1307 of the FCC's rules?	( ) Yes or No
50) If the answer to 49 is Yes, select the basis for this certification.  1) The construction is exempt from environmental notification (other than due to another agency's review) and it does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules?  2) The construction is exempt from environmental notification due to another agency's review, and the other agency has issued a Finding of No Significant Impact.  3) The environmental notification has been completed, and the FCC has notified the applicant that an Environmental Assessment is not required under Section 1.1307(c) or (d) of the FCC's rules, and the Construction does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules.  4) The FCC has issued a Finding of No Significant Impact.	( ) 1, 2, 3, 4
51) If the answer to 50 is 3 or 4, enter the date that Local Notice was provided (mm/dd/yyyy).	Date:

**Certification Statements**

- 1) The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.
- 2) The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. See Section 1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification.

**Signature** (Typed or Printed Name of Party Authorized to Sign) (For OC Applications, to be completed by Assignee)

52) First Name: <b>Ryan</b>	MI:	Last Name: <b>Malek</b>	Suffix:
53) Title: <b>TEP for APC</b>			
54) Signature: <b>Ryan Malek</b>			55) Date: <b>Jan 31, 2024</b>

**Signature** (Typed or Printed Name of Party Authorized to Sign) (For OC Applications, to be completed by Assignor)

56) First Name:	MI:	Last Name:	Suffix:
57) Title:			
58) Signature:			59) Date:

**REFERENCE COPY**

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**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
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<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
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**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)	<b>0</b>	<b>45</b>	<b>90</b>	<b>135</b>	<b>180</b>	<b>225</b>	<b>270</b>	<b>315</b>
<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 Jimtown 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

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)	85.900	83.500	90.600	69.600	74.300	84.600	86.500	83.200
Transmitting ERP (watts)	2.000	2.000	2.000	2.000	2.000	398.110	549.540	4.900

Control Points:

Control Pt. No. 3

Address: 500 W. Dove Rd.

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

Waivers/Conditions:

NONE

REFERENCE COPY

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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

Table with Call Sign (KNLH404), File Number, and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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:**

**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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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: ALLTEL CORPORATION

ATTN: REGULATORY
ALLTEL CORPORATION
5055 NORTH POINT PKWY, NP2NE ENGINEERING
ALPHARETTA, GA 30022

Table with Call Sign (WQBT313), File Number, and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0002942159

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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.

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

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.

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).



**Licensee Name:** ALLTEL CORPORATION

**Call Sign:** WQBT313

**File Number:**

**Print Date:**

This license is conditioned upon compliance with the provisions of Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation For Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order, FCC 04-255 (rel. Oct. 26, 2004).

Reference Copy

**Licensee Name:** ALLTEL CORPORATION

**Call Sign:** WQBT313

**File Number:**

**Print Date:**

**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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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: ALLTEL CORPORATION

ATTN: REGULATORY
ALLTEL CORPORATION
5055 NORTH POINT PKWY, NP2NE ENGINEERING
ALPHARETTA, GA 30022

Table with Call Sign (WQBT318), File Number, and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0002942159

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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.

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

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:** ALLTEL CORPORATION

**Call Sign:** WQBT318

**File Number:**

**Print Date:**

This license is conditioned upon compliance with the provisions of Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation For Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order, FCC 04-255 (rel. Oct. 26, 2004).

Reference Copy

**Licensee Name:** ALLTEL CORPORATION

**Call Sign:** WQBT318

**File Number:**

**Print Date:**

**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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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WQGA718), File Number (0009793647), and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz))

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date

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.

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.

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).

**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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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.

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:** 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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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

Table with Call Sign (WQGD606), File Number (0009565676), and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz))

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date

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.

Special Condition for AU/name change (6/4/2016): 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.

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).

**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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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

Table with Call Sign (WQJQ692), File Number, and Radio Service (WU - 700 MHz Upper Band (Block C)).

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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:**

**Print Date:**

**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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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

Table with Call Sign (WREF214), File Number, and Radio Service (UU - Upper Microwave Flexible Use Service).

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

Waivers/Conditions:

NONE

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.

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).

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WREF214

**File Number:**

**Print Date:**

**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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Federal Communications Commission  
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WRHG984	<b>File Number</b>
<b>Radio Service</b> UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA243	<b>Channel Block</b> M1	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Paducah, 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:

NONE

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:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHG984

**File Number:**

**Print Date:**

**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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Federal Communications Commission  
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WRHG994	<b>File Number</b>
<b>Radio Service</b> UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA243	<b>Channel Block</b> N1	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Paducah, 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:

NONE

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:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHG994

**File Number:**

**Print Date:**

**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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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

Table with Call Sign (WRNG985), File Number, and Radio Service (PM - 3.7 GHz Service).

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

Waivers/Conditions:

This final license provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR § 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

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.

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).

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNG985

**File Number:**

**Print Date:**

**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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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

Table with Call Sign (WRNG990), File Number, and Radio Service (PM - 3.7 GHz Service)

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date

Waivers/Conditions:

This final license provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR § 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

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.

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).

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNG990

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
---------------	--------------------	--------------------------	------------------------------	---------------

Reference Copy

## PROJECT SUMMARY

SITE NAME: EV SEDALIA  
 SITE ADDRESS: TBD KY-339 SEDALIA, KY 42079  
 COUNTY: GRAVES  
 JURISDICTION: KENTUCKY PSC  
 LAND USE: AGRICULTURAL  
 PARCEL ID: 94-13A  
 SITE COORDINATES: 1A  
 LATITUDE: 36° 37' 56.30" N (NAD83)  
 LATITUDE: 36.632305°  
 LONGITUDE: 88° 33' 22.18" W (NAD83)  
 LONGITUDE: -88.55616°  
 ELEVATION: 531.2' AMSL (NAVD88)  
 FUZE PROJECT ID: 16912784  
 PSLC CODE: 721758  
 PROPERTY OWNER: JESSE PERRY & KRISTINA PERRY  
 1645 SCOTT RD  
 SEDALIA, KY 42079  
 PROPERTY OWNER CONTACT: JESSE & KRISTINA PERRY  
 (270) 727-5884  
 TOWER OWNER: APC TOWERS  
 8601 SIX FORKS ROAD  
 SUITE 250  
 RALEIGH, NC 27615  
 TOWER OWNER CONTACT: TBD  
 TBD  
 STRUCTURE TYPE: SELF SUPPORTING  
 TOWER HEIGHT: 300'-0"  
 ENVIRONMENTAL REQ.: N/A  
 OCCUPANCY: UNMANNED  
 SITE TYPE: RAWLAND  
 POWER COMPANY: WEST KENTUCKY RECC  
 CONTACT: TBD  
 PHONE: (877) 495-7322  
 COMMUNICATIONS: AT&T  
 PHONE: (270) 678-2111  
 FIRE DEPARTMENT: SEDALIA FIRE DEPARTMENT  
 PHONE: (270) 328-8935  
 POLICE DEPARTMENT: GRAVES COUNTY SHERIFFS OFFICE  
 PHONE: (207) 247-4501

**DIRECTIONS FROM GRAVES COUNTY COURTHOUSE:**  
 HEAD EAST ON BARTON DR TOWARD BABB DR (0.2 MI). TURN RIGHT ONTO S COMMONWEALTH DR (394 FT). TURN LEFT, THEN IMMEDIATELY TURN RIGHT ONTO KY-121 S CASTLEMAN BYP (0.6 MI). KEEP STRAIGHT TO GET ONTO KY-97 STATE ROUTE 97 (5.6 MI). TURN LEFT ONTO KY-339/ KY-97 STATE ROUTE 339 E (0.4 MI). KEEP LEFT TO GET ONTO KY-339/ STATE ROUTE 339 E (2.7 MI). THE DESTINATION WILL BE ON THE RIGHT

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



CELCO PARTNERSHIP  
 D/B/A VERIZON WIRELESS  
 (HEREINAFTER REFERRED TO AS "LESSEE")

EV SEDALIA  
 TBD KY-339  
 SEDALIA, KY 42079

## APPLICABLE CODES

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.

2018 KENTUCKY BUILDING CODE (2015 INTERNATIONAL BUILDING CODE)  
 2012 INTERNATIONAL ENERGY CONSERVATION CODE (COMMERCIAL)  
 2009 INTERNATIONAL ENERGY CONSERVATION CODE (RESIDENTIAL)  
 2012 INTERNATIONAL FIRE CODE  
 2015 INTERNATIONAL MECHANICAL CODE  
 2015 INTERNATIONAL RESIDENTIAL CODE

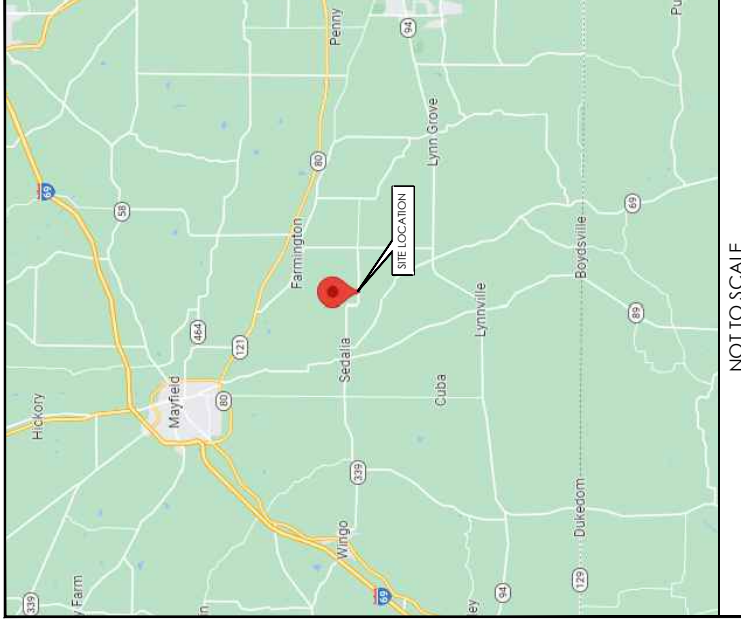
ACCESSIBILITY REQUIREMENTS:  
 FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2015 IBC BUILDING CODE.

## SCOPE OF WORK

- INSTALL A NEW 300'-0" SELF SUPPORT TOWER WITH 10'-0" LIGHTNING ROD (OVERALL 310'-0")
- INSTALL A NEW 80' X 80' CHAINLINK FENCED COMPOUND WITHIN A 100' X 100' LEASE AREA
- INSTALL A NEW UTILITY H-FRAME WITHIN THE NEW FENCED COMPOUND
- INSTALL A NEW TOWER, COMPOUND AND EQUIPMENT GROUNDING SYSTEM
- INSTALL NEW ANTENNAS, LINES, COAX, GPS AND RADIO EQUIPMENT
- INSTALL NEW UNDERGROUND POWER AND FIBER CONDUITS WITHIN THE DESIGNATED UTILITY EASEMENT TO NEW UTILITY H-FRAME
- INSTALL A NEW 7'-0" X 11'-0" CONCRETE EQUIPMENT PAD

ALL WORK MUST BE DONE IN ACCORDANCE TO THE DRAWINGS.

## VICINITY MAP



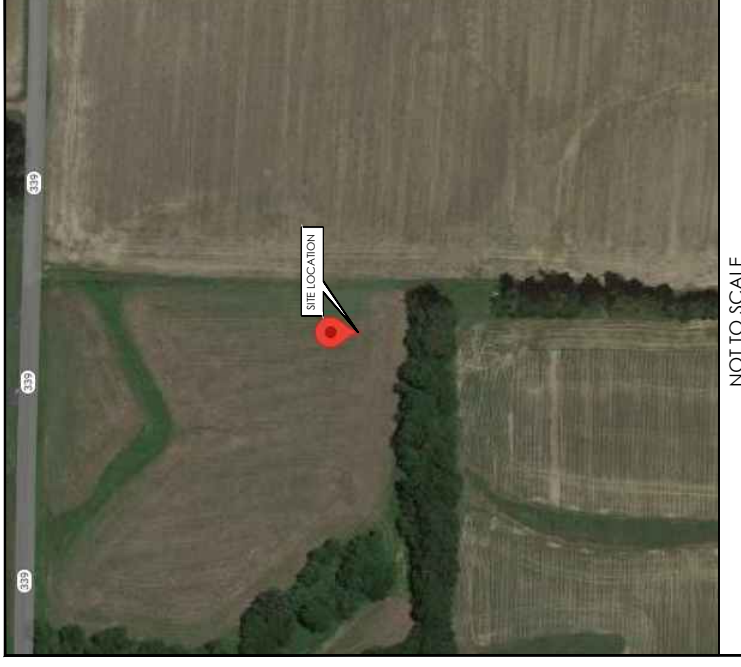
NOT TO SCALE

## LOCATION MAP



NOT TO SCALE

## AERIAL MAP



NOT TO SCALE

## SHEET INDEX

NO.	DESCRIPTION
T1	TITLE SHEET
S1	SURVEY - COVER SHEET
S2	SURVEY - OVERVIEW MAP
S3	SURVEY - SITE SURVEY
S4	SURVEY - SITE SURVEY
Z1	COUNTY TOWER MAP
Z2	OVERALL SITE PLAN WITH AERIAL OVERLAY
Z3	OVERALL SITE PLAN WITHOUT AERIAL OVERLAY
Z4	TOWER LOCATION PLAN
Z5	SITE PLAN
Z6	EROSION CONTROL SITE PLAN
Z7	DIMENSION SITE PLAN
Z8	TOWER ELEVATION
Z9	SITE DETAILS
Z10	SITE DETAILS

SHEET TITLE :  
TITLE SHEET

CALL 811  
 1 (800) 752-6007  
 www.kentucky811.com  
 CONTRACTOR TO CALL KENTUCKY ONE-CALL SYSTEMS AT LEAST (2) FULL WORKING DAYS PRIOR TO DIGGING.

SHEET SCALE FACTOR:  
 PLOT SIZE:  
 11" x 17": TO SCALE



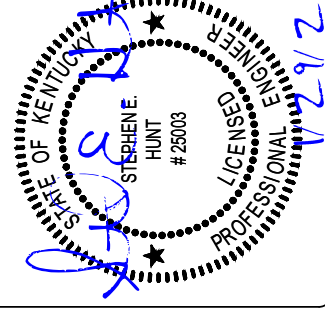
1961 NORTHPOINT BLVD.  
 SUITE 130  
 HIXSON, TN 37343  
 PH : 423-843-9500  
 FAX : 423-843-9509

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

DRAWN BY: TDD  
 CHECKED BY: SEH

## REVISIONS

#	DATE	BY	DESCRIPTION
0	01/29/24	PLS	ZONING ISSUE
B	01/15/24	PLS	ZONING ISSUE
A	11/16/22	MJB	ZONING ISSUE



FUZE ID : 16912784

SITE NAME : EV SEDALIA

SITE # / LOCATION CODE : 721758

SITE ADDRESS : TBD KY-339  
 SEDALIA, KY 42079

SITE TYPE: RAWLAND

DRAWING # : T1  
 REVISION: 0



### GENERAL NOTES:

1. This Survey is prepared exclusively to show site conditions and/or for use in support of instruments related to Leases and Easements as may be shown hereon. Any property boundary information shown hereon is a composite of information gathered from current or previous Surveys, Plat & Deed Description and/or Assessor's Tax Maps as may be referenced hereon. This Survey is not a Boundary Survey of any Tax Parcels or Deed Tracts, and does not create, combine, or divide any existing properties.
2. Survey shown hereon was performed under the supervision of a state-registered Land Surveyor and conforms to all applicable State Board Requirements.
3. Instruments Used: One or more of: Topcon Total Station, Topcon Hiperlite Plus GPS, Carlson Surveyor Data Collector, DJI UAV.
4. Where shown, improvements (utilities, buildings, trees, fences, etc.) are based on field Survey and/or aerial mapping.
5. Any Underground Utilities shown according to surface markings made by others, found at time of survey. Additional marked utilities outside the area covered by this survey map may be shown in provided CAD Files. Utility Markings may not be comprehensive: this survey does not relieve design and construction personnel of the responsibility to determine the locations of underground utilities prior to land disturbance activities.
6. This Survey is presented in the format required by Clients. Clients are advised that Official Jurisdictions may require the Survey to be presented in another format with additional notes and certifications. In the event other formats, notes or certifications are requested by applicable jurisdictions, it is the responsibility of the Client to request same be prepared by Surveyor. Survey as published is not intended to be suitable for recording as a Subdivision Plat.
7. This survey may have been reduced or enlarged in size due to subsequent reproduction. This should be taken into consideration when obtaining scaled data.
8. Geographic Coordinates, if published, meet FAA Accuracy Code 1A, and are accurate to within  $\pm 20$  feet horizontally and to within  $\pm 3$  feet vertically.
9. Any Flood Zone information presented hereon is according to current FEMA Flood Map information as may be referenced hereon. No Flood Elevation Survey of Certification performed.
10. This survey is not valid without the original signature seal of a State-Licensed Land Surveyor, and is not complete without the total of sheets as specified in Survey Title Blocks.
11. Unless indicated otherwise by reference to Record Instruments, any Lessee's Leases, Premises or Easements shown hereon are NOT YET OF RECORD and may be subject to change pending review and approval by Carrier, applicable jurisdictions and/or other involved parties.
12. Any Survey Markers placed as required by Standards of Practice and/or Client request represent the Leases and/or Easements as requested or designed by Clients at the time of this survey issue and may not reflect changes to site design which have not been communicated to Surveyor in the form of a Survey revision request. Surveyor shall not be liable for any circumstance arising as a result of revisions to Site Design (which may invalidate existing survey markers) occurring after the date of this Survey issue.

### SURVEYOR'S CERTIFICATION

To: Verizon Wireless;

I hereby certify (or state) that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Kentucky to the best of my knowledge, information, and belief.



Travis L. Shields  
Kentucky PLS  
License No. 4246

### SURVEY ISSUE DATA

#	DETAILS	DATE	DRAWN	APP
0	Original Survey Issue	10-11-2022	NB	TLS
1	Update Notes	01-25-2024	NB	TLS

### LOCATION MAP

NOT TO SCALE



### LEGEND

	FENCE POST FOUND	R/W	RIGHT-OF-WAY
	UTILITY POLE	C/L	CENTER LINE
	TELECOM JUNCTION	AU	ACCESS & UTILITY
	FIBEROPTIC MARKER	ESMT	EASEMENT
		P.O.C.	POINT OF COMMENCEMENT
		P.O.B.	POINT OF BEGINNING
		Sq Ft	SQUARE FEET
	PAVEMENT EDGE		
	ROAD CENTERLINE		
	FENCE		
	TREE LINE		
	DITCH		
	5' CONTOURS		
	1' CONTOURS		
	PUBLIC R/W		
	TAX PARCEL BOUNDARY		
	TIE LINE		
	LESSEE'S PREMISES		
	LESSEE'S EASEMENTS		

### PARENT TAX PARCEL

JESSE PERRY & KRISTINA PERRY  
TAX PARCEL: 124.00.00.039.00

### NORTH ORIENTATION

KENTUCKY SOUTH STATE PLANE COORDINATE SYSTEM  
Based on GPS Survey relative to NGS CORS Network, NAD83 (2011)  
ELEVATION DATUM: NAVD88, GEOID 12B  
DATE OF SURVEY: 09-15-2022  
Method: RTK (CORS); Confidence Level: 95%  
Positional Accuracy:  $HZ \pm 0.10'$   
EPOCH 2010.0000

### FLOOD DATA

FEMA FLOOD MAP PANEL: 21083C0275C, Effective Date: 12-03-2009  
Surveyed Area appears to lie within: ZONE X (Areas of Minimal Flood Hazard)

### TITLE EXAMINATION:

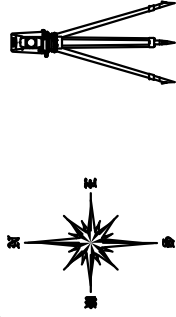
See Sheet #6

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)

## SITE SURVEY

Location Code: 721758  
KY Highway 339, Sedalia, KY 42079

Graves County, Kentucky



THE  
LAND CONSULTANTS  
LLC  
5449 Highway #41  
Jasper, TN 37347  
(423) 304-6722

PREPARED FOR



VERIZON WIRELESS

COVER SHEET

DWG#: 22253  
ISSUE #: 1  
ISSUE DATE: 01-25-2024  
SEE SHEET #1

SHEET  
1  
OF  
6

# PROPERTY INFORMATION

## PARENT TAX PARCEL

A. JESSE PERRY & KRISTINA PERRY  
 TAX PARCEL: 124.00.00.039.00  
 DEED BOOK 521, PAGE 812, Tract I

## ADJOINING TAX PARCELS

MALCOLM T. JETTON  
 TAX PARCEL: 141.00.00.060.00  
 DEED BOOK 249, PAGE 503

## C. DALE JONES

TAX PARCEL: 124.00.00.038.00  
 DEED BOOK 358, PAGE 630

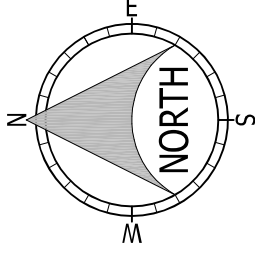
## D. JESSE PERRY & KRISTINA PERRY

TAX PARCEL: 124.00.00.037.00  
 DEED BOOK 521, PAGE 812, Tract II

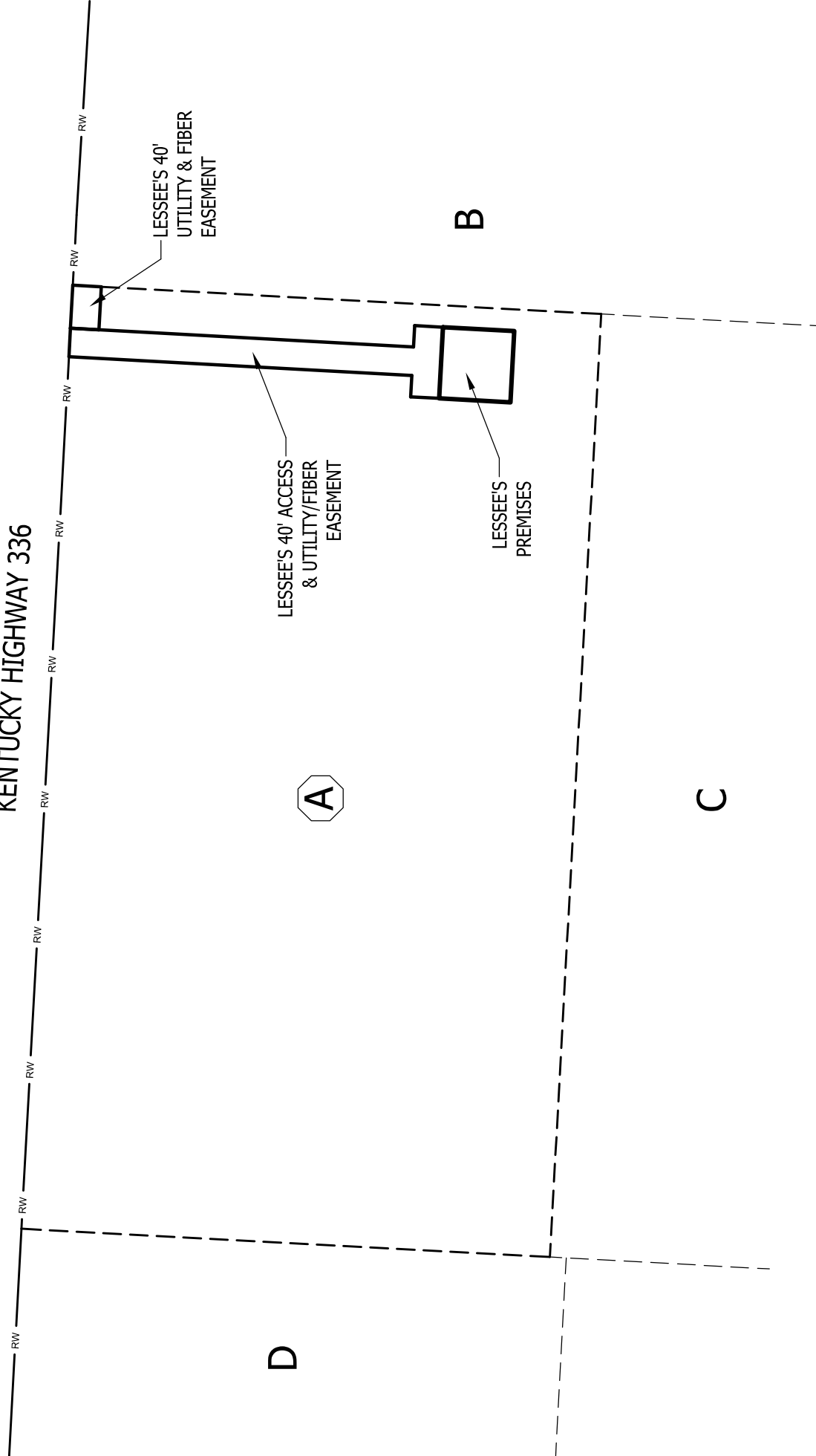
OVERVIEW MAP CAVEAT:  
 OVERVIEW MAP IS NOT A SURVEY BUT A VICINITY / LOCATION MAP  
 INTENDED ONLY TO SHOW SURVEYED PROPERTY IN RELATION TO  
 SURROUNDING AREA. VESTING AND ADJOINING PARCEL BOUNDARIES  
 ARE NOT INCLUDED IN OR CERTIFIED BY THIS SURVEY. BOUNDARY  
 LINES ARE A COMPOSITE OF DEED, PLAT AND/OR TAX MAP  
 INFORMATION

Surveyor's certification of Survey extends only to the Survey Area as  
 shown on Survey Map Sheets. This sheet includes items based on  
 information supplied to Surveyor by Title Examiners and other sources,  
 presented hereon as a convenience to clients, not included under  
 Survey Certification. No Survey was performed outside the Survey Area.

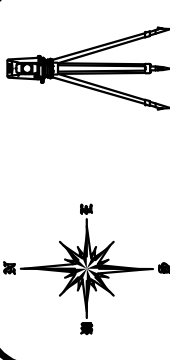
STATE OF KENTUCKY  
 TRAVIS L SHIELDS  
 4246  
 LICENSED  
 PROFESSIONAL  
 LAND SURVEYOR



KENTUCKY HIGHWAY 336



- RW — PUBLIC R/W
- - - VESTING LAND
- - - ADJOINING TAX PARCEL
- LESSEE'S PREMISES
- LESSEES EASEMENT(S)



THE  
**LAND CONSULTANTS**  
 LLC  
 5449 Highway #41  
 Jasper, TN 37347  
 (423) 304-6722

PREPARED FOR  
  
**VERIZON WIRELESS**

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)  
**SITE SURVEY**  
**EV SEDALIA**  
 Location Code: 721758  
 KY Highway 339, Sedalia, KY 42079  
 Graves County, Kentucky

**OVERVIEW MAP**

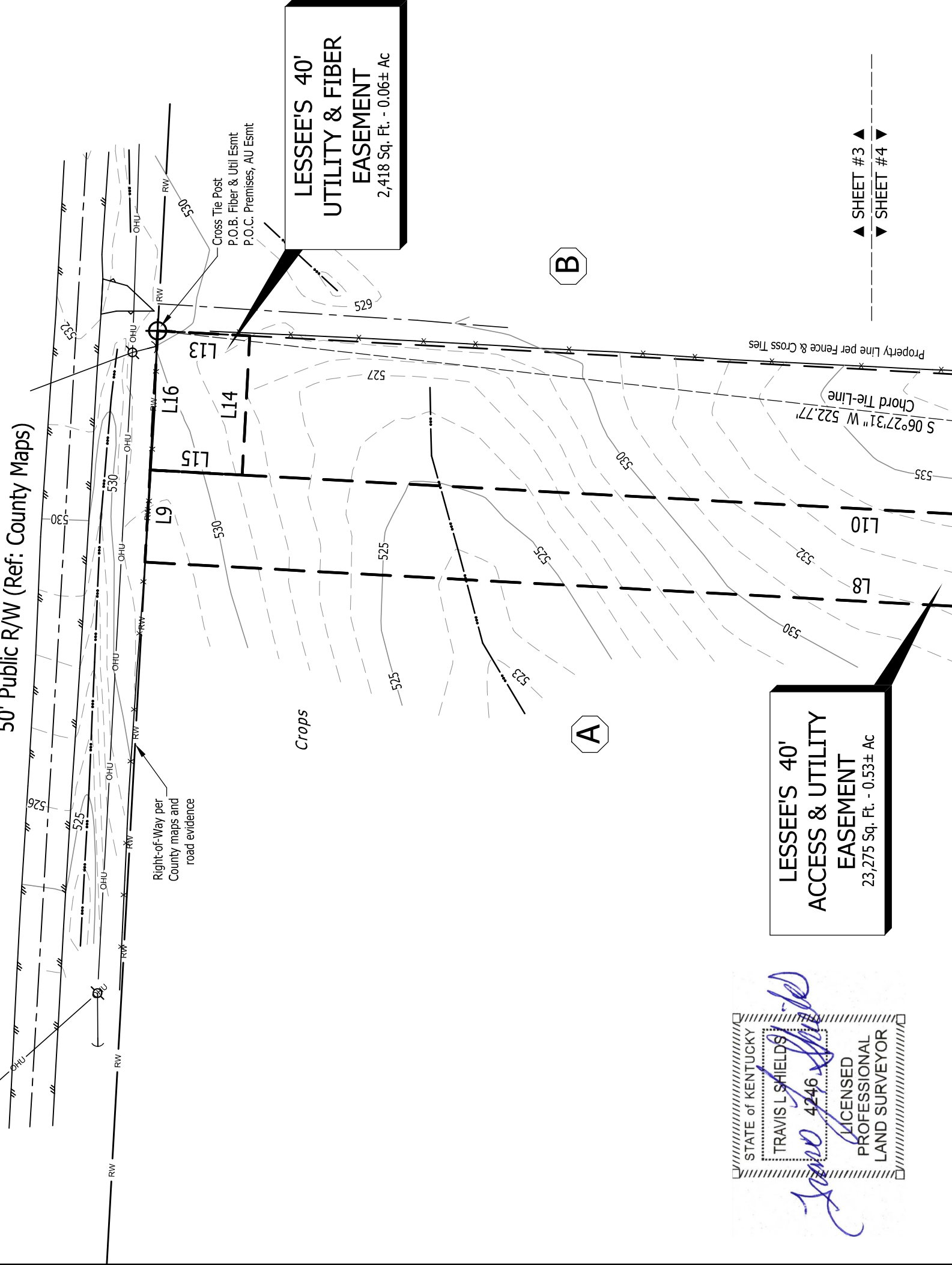
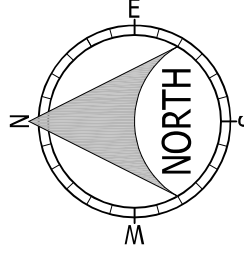
DWG#: 22253  
 ISSUE #: 1  
 ISSUE DATE: 01-25-2024  
 SEE SHEET #1

SHEET **2** OF **6**

# KENTUCKY HIGHWAY 336

## 50' Public R/W (Ref: County Maps)

KENTUCKY SOUTH  
STATE PLANE



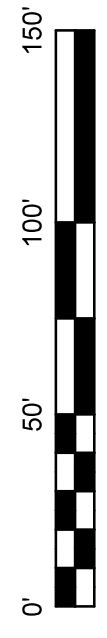
**LESSEE'S 40'  
UTILITY & FIBER  
EASEMENT**  
2,418 Sq. Ft. - 0.06± AC

**LESSEE'S 40'  
ACCESS & UTILITY  
EASEMENT**  
23,275 Sq. Ft. - 0.53± AC

STATE OF KENTUCKY  
**TRAVIS L SHIELDS**  
 4246  
 LICENSED  
 PROFESSIONAL  
 LAND SURVEYOR

LINE	BEARING	DISTANCE
L1	S 03°07'13" W	100.00'
L2	N 86°52'47" W	100.00'
L3	N 03°07'13" E	100.00'
L4	S 86°52'47" E	100.00'
L5	N 86°52'47" W	100.00'
L6	N 03°07'13" E	40.00'
L7	S 86°52'47" E	30.00'
L8	N 03°07'13" E	481.88'
L9	S 86°52'47" E	40.00'
L10	S 03°07'13" W	481.88'
L11	S 86°52'47" E	30.00'
L12	S 03°07'13" W	40.00'
L13	S 03°07'13" W	40.00'
L14	N 86°52'47" W	60.44'
L15	N 03°07'13" E	40.00'
L16	S 86°52'47" E	60.44'

SCALE: 1in = 50'



▲ SHEET #3 ▲  
▼ SHEET #4 ▼

THE  
**LAND CONSULTANTS**  
LLC  
5449 Highway #41  
Jasper, TN 37347  
(423) 304-6722

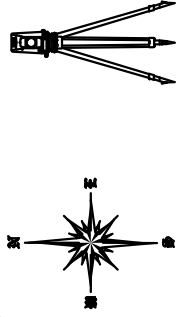
PREPARED FOR  
**verizon**  
VERIZON WIRELESS

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)  
**SITE SURVEY**  
**EV SEDALIA**  
 Location Code: 721758  
 KY Highway 339, Sedalia, KY 42079  
 Graves County, Kentucky

**SITE SURVEY**

DWG#: 22253  
 ISSUE #: 1  
 ISSUE DATE: 01-25-2024  
 SEE SHEET #1

SHEET **3** OF 6



THE  
LAND CONSULTANTS  
LLC  
5449 Highway #41  
Jasper, TN 37347  
(423) 304-6722

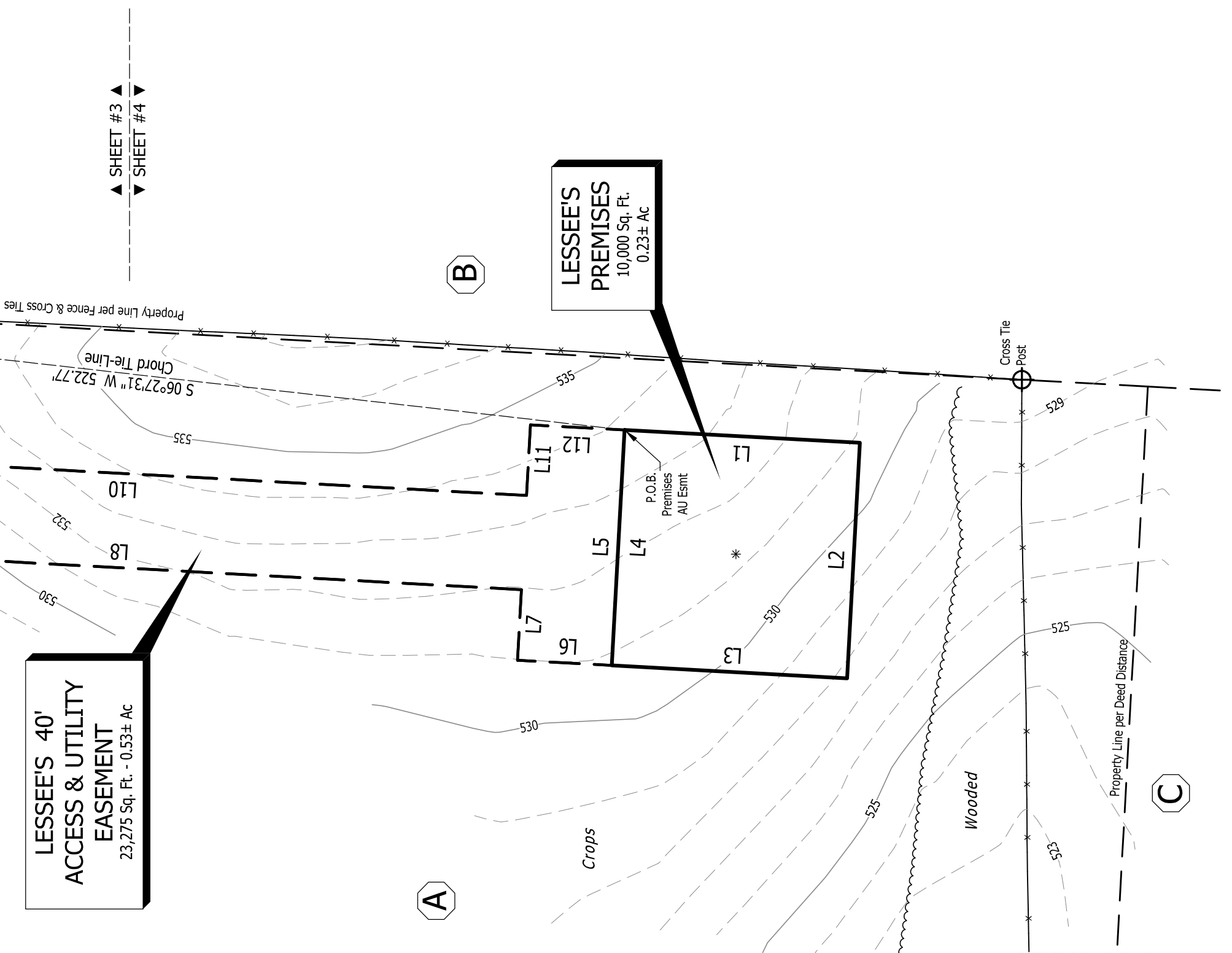
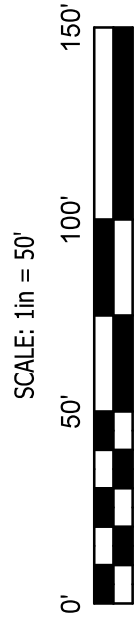
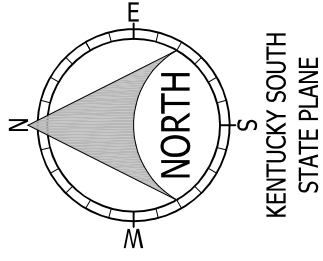
PREPARED FOR  
**verizon**  
VERIZON WIRELESS

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)  
**SITE SURVEY**  
**EV SEDALIA**  
Location Code: 721758  
KY Highway 339, Sedalia, KY 42079  
Graves County, Kentucky

**SITE SURVEY**

DWG#: 22253  
ISSUE #: 1  
ISSUE DATE: 01-25-2024  
SEE SHEET #1

SHEET **4** OF 6



**LESSEE'S 40'  
ACCESS & UTILITY  
EASEMENT**  
23,275 Sq. Ft. - 0.53± Ac

**LESSEE'S  
PREMISES**  
10,000 Sq. Ft.  
0.23± Ac

STATE OF KENTUCKY  
TRAVIS L SHIELDS  
4246  
LICENSED  
PROFESSIONAL  
LAND SURVEYOR

*Travis L. Shields*

### LESSEE'S PREMISES

All that Tract or Parcel of Land lying and being in Graves County, Kentucky and being part of the lands owned by Jesse & Kristina Perry, of record in Tract I of Deed Book 521, Page 812, Graves County Court Clerk's Office, and being more particularly described as follows:

COMMENCE a Cross Tie Post found at the Northeast corner of the aforesaid property;

Thence along a Chord Tie Line having a Bearing of S 06°27'31" W, a distance of 522.77 feet to the POINT OF BEGINNING;

Thence S 03°07'13" W, a distance of 100.00 feet;

Thence N 86°52'47" W, a distance of 100.00 feet;

Thence N 03°07'13" E, a distance of 100.00 feet;

Thence S 86°52'47" E, a distance of 100.00 feet to the POINT OF BEGINNING.

Said Premises contains 0.23 Acres (10,000 Square Feet), more or less.

### LESSEE'S 40' ACCESS & UTILITY EASEMENT

All that Tract or Parcel of Land lying and being in Graves County, Kentucky and being part of the lands owned by Jesse & Kristina Perry, of record in Tract I of Deed Book 521, Page 812, Graves County Court Clerk's Office, and being more particularly described as follows:

COMMENCE a Cross Tie Post found at the Northeast corner of the aforesaid property;

Thence along a Chord Tie Line having a Bearing of S 06°27'31" W, a distance of 522.77 feet to the POINT OF BEGINNING;

Thence N 86°52'47" W, a distance of 100.00 feet;

Thence N 03°07'13" E, a distance of 40.00 feet;

Thence S 86°52'47" E, a distance of 30.00 feet;

Thence N 03°07'13" E, a distance of 481.88 feet to a point on the South

Right-of-Way Line of Kentucky Highway 339;

Thence S 86°52'47" E, along said Right-of-Way Line, a distance of 40.00 feet;

Thence S 03°07'13" W, leaving said Right-of-Way Line, a distance of 481.88 feet;

Thence S 86°52'47" E, a distance of 30.00 feet;

Thence S 03°07'13" W, a distance of 40.00 feet to the POINT OF BEGINNING.

Said Easement contains 0.53 Acres (23,275 Square Feet), more or less.



### LESSEE'S 40' UTILITY EASEMENT

All that Tract or Parcel of Land lying and being in Graves County, Kentucky and being part of the lands owned by Jesse & Kristina Perry, of record in Tract I of Deed Book 521, Page 812, Graves County Court Clerk's Office, and being more particularly described as follows:

BEGINNING a Cross Tie Post found in the South Right-of-Way Line of Kentucky Highway 339 and at the Northeast corner of the aforesaid property;

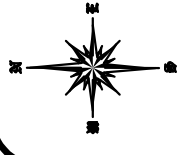
Thence S 03°07'13" W, leaving said Right-of-Way Line, a distance of 40.00 feet;

Thence N 86°52'47" W, a distance of 60.44 feet;

Thence N 03°07'13" E, a distance of 40.00 feet to a point on aforesaid Right-of-Way Line;

Thence S 86°52'47" E, along said Right-of-Way Line, a distance of 60.44 feet to the POINT OF BEGINNING.

Said Easement contains 0.06 Acres (2,418 Square Feet), more or less.



THE

LAND CONSULTANTS

5449 Highway #41  
Jasper, TN 37347  
(423) 304-6722  
LLC

PREPARED FOR

**verizon**

VERIZON WIRELESS

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)

SITE SURVEY  
EV SEDALIA

Location Code: 721758  
KY Highway 339, Sedalia, KY 42079

Graves County, Kentucky

DESCRIPTIONS

DWG#: 22253  
ISSUE #: 1  
ISSUE DATE: 01-25-2024  
SEE SHEET #1

SHEET  
5  
OF  
6

**TITLE EXAMINATION**

(Surveyor's treatment of Title Examination Items is limited to the scope described in ALTA/NSPS 2016 requirements, Section 6. C. ii., and is limited to determination of the extent of land, that Title Items may influence, if any. Surveyor may indicate where review by Title Attorney may be warranted.)

Reference: Report of Title, prepared by Fidelity National Title Insurance Company, Order No. 37829964, Issue Date: September 13, 2022.

Item 1, 2: Taxes: Not addressed by Survey.

Item 3: Mortgage, Deed 972-335:

Applies to Parent Tax Parcel. Blanket in nature.

**LEGAL DESCRIPTION OF PARENT PARCEL**

Property located in Graves County, Kentucky

**TRACT I:**

The lot herein conveyed is more fully described as beginning at the Northwest corner of the Northwest quarter of Sec 21 T 2 R 2 East; thence N 86 1/2 E. 80 1/3 poles to a stake; thence S 3 1/2 E 45 poles to a stake; thence S 86 1/2 W 80 1/4 poles; thence to the beginning, containing 22 1/2 acres, more or less.

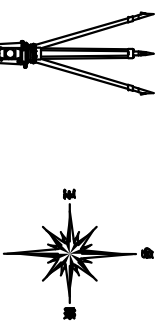
**TRACT II:**

Being 46 and 2/3 acres of land, more or less, off of the side of the Northeast quarter of Section 20, T 2 R 2 E, and bounded as follows: on the North by the lands of S.G. Bagwell and R.J. Wilford; on the East by the land of Ruth Wilford; on the South by the land of Pat Owens; and on the West by the land of J.J. Webb. EXCEPT: Being 40 acres of land, more or less, off of the West end of a certain 48 acre tract of land in the Northeast and Northwest Quarters of Sec T 2 R 2 E and described as beginning at the Northeast corner of said Section 20; thence South 84 degrees 15' W 2732 feet to a stake; thence South 5 degrees 45' E 765.5 feet to a stake; thence North 84 degrees 15' E 2732 feet to a stake; thence North 5 degrees 45' W 765.5 feet to the beginning.

AND BEING the same property conveyed to Jesse Perry and Kristina Perry from Estate of Joyce Dean Cates, by and through its Executrix, Julie Cates Pittman by General Warranty Deed dated February 22, 2019 and recorded February 25, 2019 in Deed Book 521, Page 812.

Tax Parcel Nos. 124.00.00.037.00 and 124.00.00.039.00

NOTE: Parent Tax Parcel is "Tract I" of this description.



THE  
**LAND CONSULTANTS**  
LLC  
5449 Highway #41  
Jasper, TN 37347  
(423) 304-6722

PREPARED FOR  
**verizon**  
VERIZON WIRELESS

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)  
**SITE SURVEY**  
**EV SEDALIA**  
Location Code: 721758  
KY Highway 339, Sedalia, KY 42079  
Graves County, Kentucky

**TITLE**

DWG#: 22253  
ISSUE #: 1  
ISSUE DATE: 01-25-2024  
SEE SHEET #1

SHEET  
**6**  
OF  
**6**

Surveyor's certification of Survey extends only to the Survey Area as shown on Survey Map Sheets. This sheet includes items based on information supplied to Surveyor by Title Examiners and other sources, presented hereon as a convenience to clients, not included under Survey Certification. No Survey was performed outside the Survey Area.





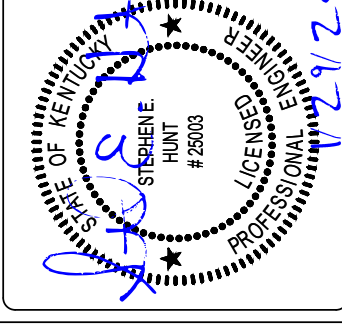
1961 NORTHPOINT BLVD.  
SUITE 130  
HIXSON, TN 37343  
PH : 423-843-9500  
FAX : 423-843-9509

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

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CHECKED BY	SEH

REVISIONS

#	DATE	BY	DESCRIPTION
0	01/29/24	PLS	ZONING ISSUE
B	01/15/24	PLS	ZONING ISSUE
A	11/16/22	MJB	ZONING ISSUE



FUZE ID : 16912784

SITE NAME : EV SEDALIA

SITE # / LOCATION CODE : 721758

SITE ADDRESS : TBD KY-339  
SEDALIA, KY 42079

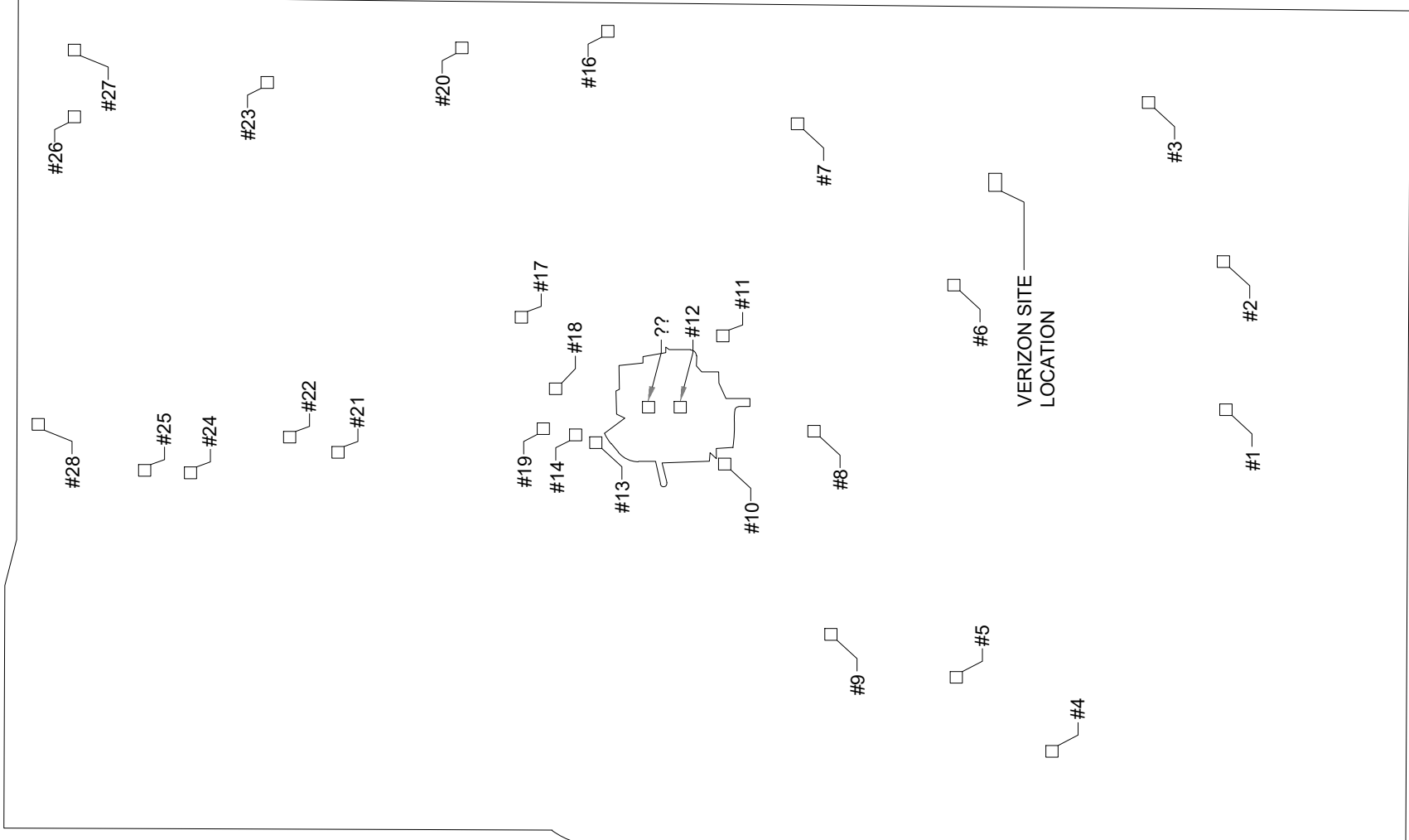
SITE TYPE : RAWLAND

SHEET TITLE : COUNTY TOWER MAP

DRAWING # :	Z1	REVISION :	0
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FCC REGISTERED SITES  
(GRAVES COUNTY)

TOWER	ASR	LATITUDE	LONGITUDE	TOWER OWNER
1	1039661	36°33'26.00"N	88°38'54.00"W	TEXAS GAS TRANSMISSION
2	1041880	36°33'30.00"N	88°35'22.00"W	BELLSOUTH TELECOM
3	1202399	36°34'49.20"N	88°31'45.20"W	KENTUCKY RSA NO.1 PARTNERSHIP
4	1215493	36°36'41.40"N	88°47'3.90"W	CROWN CASTLE SOUTH LLC
5	1215862	36°38'28.60"N	88°45'21.40"W	SBA PROPERTIES LLC
6	1201356	36°38'35.00"N	88°35'58.00"W	WEST KY RURAL TELEPHONE
7	1044036	36°41'34.00"N	88°32'11.00"W	KY AUTHORITY FOR EDUCATION
8	1244198	36°41'12.00"N	88°39'33.50"W	KENTUCKY RSA NO. 1 PARTNERSHIP
9	1271762	36°40'56.30"N	88°44'18.60"W	AMERICAN TOWERS LLC
10	1277402	36°42'59.90"N	88°40'13.00"W	WEST KY RURAL ELECTRIC
11	1217408	36°43'2.00"N	88°37'10.00"W	SBA PROPERTIES LLC
12	1264848	36°43'45.50"N	88°38'57.20"W	MAYFIELD ELECTRIC AND WATER
13	1043138	36°45'19.20"N	88°39'36.80"W	MELVIN SHOLAR
14	1223176	36°45'23.00"N	88°39'36.10"W	CROWN CASTLE SOUTH LLC
16	1018328	36°45'9.00"N	88°29'58.00"W	SUN MEDIA/ WRIK RADIO
17	1317446	36°46'38.00"N	88°36'52.80"W	VERTICAL BRIDGE DEVELOPMENT
18	1222179	36°45'51.90"N	88°38'42.50"W	SBA PROPERTIES LLC
19	1261078	36°46'0.10"N	88°38'51.90"W	KENTUCKY RSA NO. 1 PARTNERSHIP
20	1266082	36°47'54.50"N	88°30'22.20"W	SBA TOWERS III, LLC
21	1215910	36°50'15.70"N	88°40'2.50"W	SBA PROPERTIES LLC
22	1044824	36°51'17.00"N	88°39'40.00"W	KY COMMONWEALTH - EMERGENCY
23	1314081	36°51'39.00"N	88°31'7.00"W	KENTUCKY RSA NO. 1 PARTNERSHIP
24	1201350	36°53'8.00"N	88°40'29.00"W	WEST KY RURAL TELEPHONE
25	1213964	36°53'53.30"N	88°40'32.20"W	CROWN CASTLE SOUTH LLC
26	1287188	36°55'12.80"N	88°32'2.20"W	KENTUCKY RSA NO. 1 PARTNERSHIP
27	1305782	36°55'7.10"N	88°30'26.80"W	TILLMAN INFRASTRUCTURE, LLC
28	1223623	36°55'55.20"N	88°39'19.10"W	PINNACLE TOWERS ACQ., LLC
NEW	TBD	36°37'56.30"N	88°33'22.18"W	APC TOWERS



*[Handwritten signature]*

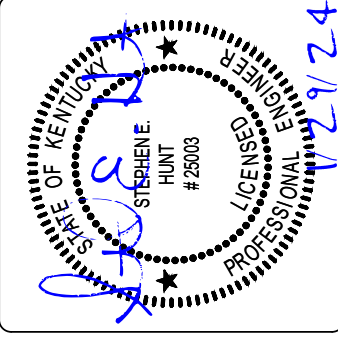


1961 NORTHPOINT BLVD.  
SUITE 130  
HIXSON, TN 37343  
PH : 423-843-9500  
FAX : 423-843-9509

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DRAWN BY	TDD
CHECKED BY	SEH

#	DATE	BY	DESCRIPTION
0	01/29/24	PLS	ZONING ISSUE
B	01/15/24	PLS	ZONING ISSUE
A	11/16/22	MJB	ZONING ISSUE



FUZE ID : 16912784

SITE NAME : EV SEDALIA

SITE # / LOCATION CODE : 721758

SITE ADDRESS : TBD KY-339  
SEDALIA, KY 42079

SITE TYPE : RAWLAND

SHEET TITLE : OVERALL SITE LAYOUT WITH AERIAL OVERLAY

DRAWING # :	REVISION :
Z2	0



NOW OR FORMERLY  
OWNER NAME: MALCOM T & NAOMI JETTON  
TAX PARCEL: 140100.00.001.00  
MAILING ADDRESS:  
4656 STATE RT 339 E  
SEDALIA, KY 42079

NOW OR FORMERLY  
OWNER NAME: MALCOM T & NAOMI JETTON  
TAX PARCEL: 140000.00.040.00  
MAILING ADDRESS:  
4656 STATE RT 339 E  
SEDALIA, KY 42079

NOW OR FORMERLY  
OWNER NAME: MALCOM T & NAOMI JETTON  
TAX PARCEL: 124.00.00.043.00  
MAILING ADDRESS:  
4656 STATE RT 339 E  
SEDALIA, KY 42079

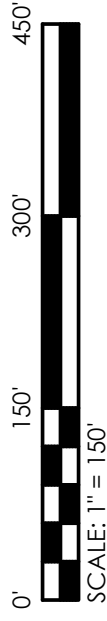
NOW OR FORMERLY  
PARENT PARCEL  
OWNER NAME: JESSE PERRY & KRISTINA PERRY  
OWNER ADDRESS: 1645 SCOTT RD, SEDALIA, KY 42079  
PROPERTY ADDRESS: KY-339, SEDALIA, KY 42079  
TAX PARCEL: 94-13F  
DEED BOOK D'226, PAGE 732 TRACT 8, WOOD  
ESTATE PLAT BOOK 1, PAGE 336

NOW OR FORMERLY  
OWNER NAME: JESSE & KRISTINA PERRY  
TAX PARCEL: 124.00.00.037.00  
MAILING ADDRESS:  
1645 SCOTT RD  
SEDALIA, KY 42079

NOW OR FORMERLY  
OWNER NAME: DALE & TIPPI JONES  
TAX PARCEL: 124.00.00.032.00  
MAILING ADDRESS:  
726 DR MELVIN RD  
SEDALIA, KY 42079

NOW OR FORMERLY  
OWNER NAME: DALE & TIPPI JONES  
TAX PARCEL: 124.00.00.038.00  
MAILING ADDRESS:  
726 DR MELVIN RD  
SEDALIA, KY 42079

NOW OR FORMERLY  
OWNER NAME: MALCOM T & NAOMI JETTON  
TAX PARCEL: 141.00.00.060.00  
MAILING ADDRESS:  
4656 STATE RT 339 E  
SEDALIA, KY 42079







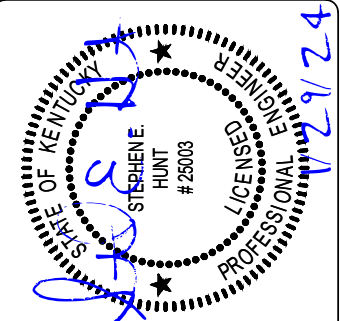


1961 NORTHPOINT BLVD.  
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CHECKED BY	SEH

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B	01/15/24	PLS	ZONING ISSUE
A	11/16/22	MJB	ZONING ISSUE



FUZE ID : 16912784

SITE NAME : EV SEDALIA

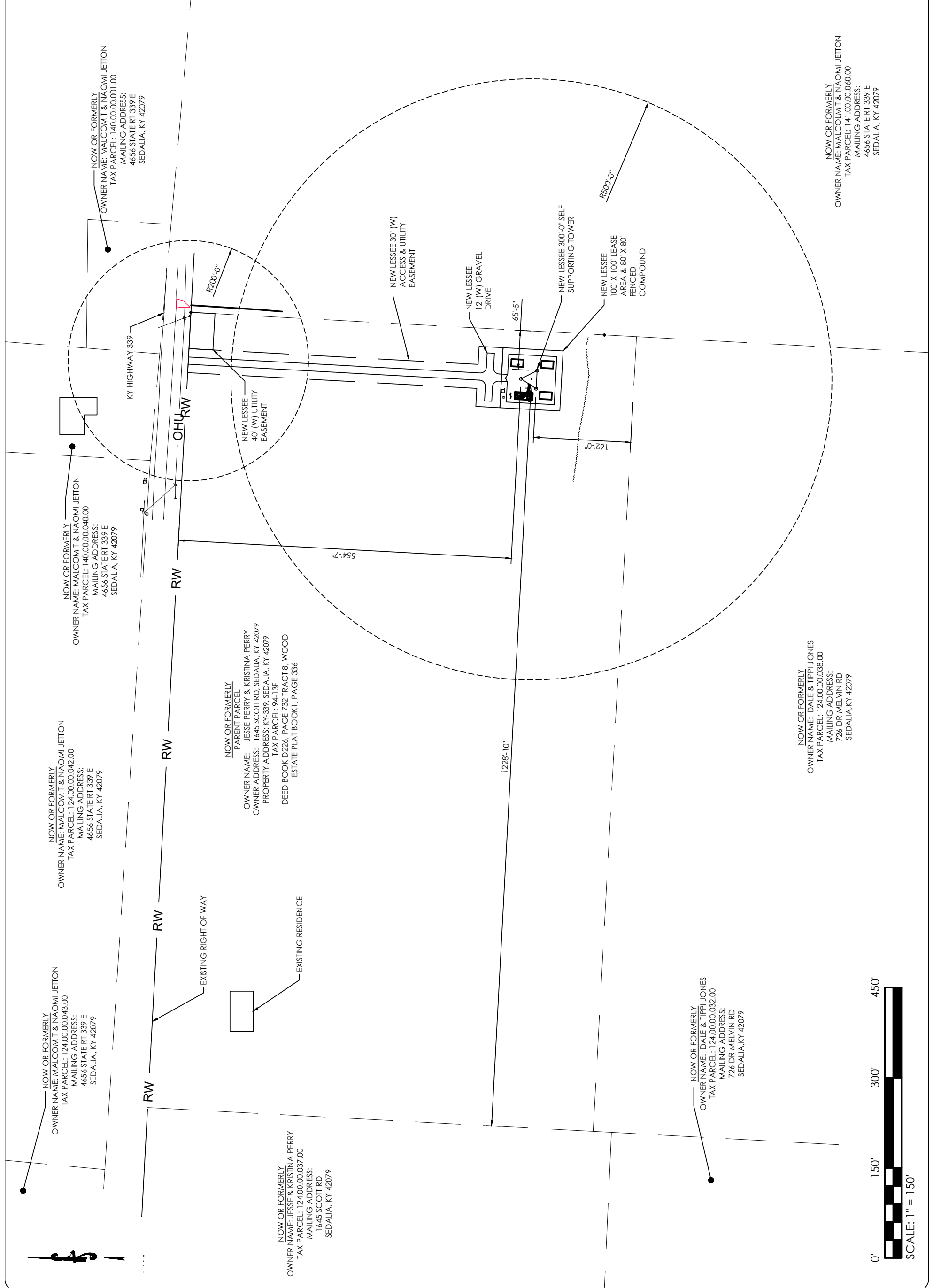
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SITE ADDRESS : TBD KY-339  
SEDALIA, KY 42079

SITE TYPE : RAWLAND

SHEET TITLE : TOWER LOCATION PLAN

DRAWING # :	Z4	REVISION :	0
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NOW OR FORMERLY  
OWNER NAME: MALCOM T & NAOMI JETTON  
TAX PARCEL: 140.00.00.001.00  
MAILING ADDRESS:  
4656 STATE RT 339 E  
SEDALIA, KY 42079

NOW OR FORMERLY  
OWNER NAME: MALCOM T & NAOMI JETTON  
TAX PARCEL: 140.00.00.040.00  
MAILING ADDRESS:  
4656 STATE RT 339 E  
SEDALIA, KY 42079

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OWNER NAME: MALCOM T & NAOMI JETTON  
TAX PARCEL: 124.00.00.042.00  
MAILING ADDRESS:  
4656 STATE RT 339 E  
SEDALIA, KY 42079

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TAX PARCEL: 124.00.00.043.00  
MAILING ADDRESS:  
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SEDALIA, KY 42079

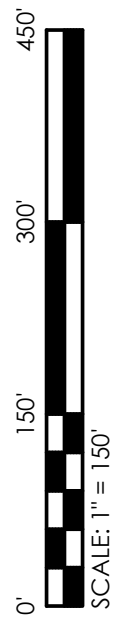
NOW OR FORMERLY  
PARENT PARCEL  
OWNER NAME: JESSE PERRY & KRISTINA PERRY  
OWNER ADDRESS: 1645 SCOTT RD, SEDALIA, KY 42079  
PROPERTY ADDRESS: KY-339, SEDALIA, KY 42079  
TAX PARCEL: 94-13F  
DEED BOOK D226, PAGE 732 TRACT 8, WOOD  
ESTATE PLATBOOK 1, PAGE 336

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TAX PARCEL: 124.00.00.037.00  
MAILING ADDRESS:  
1645 SCOTT RD  
SEDALIA, KY 42079

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OWNER NAME: DALE & TIPPI JONES  
TAX PARCEL: 124.00.00.038.00  
MAILING ADDRESS:  
726 DR MELVIN RD  
SEDALIA, KY 42079

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TAX PARCEL: 124.00.00.032.00  
MAILING ADDRESS:  
726 DR MELVIN RD  
SEDALIA, KY 42079

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TAX PARCEL: 141.00.00.060.00  
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4656 STATE RT 339 E  
SEDALIA, KY 42079



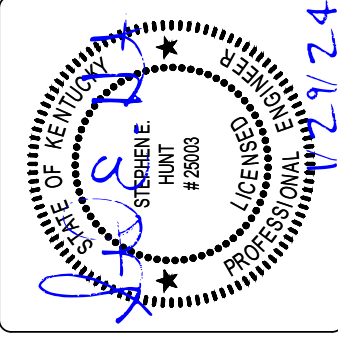



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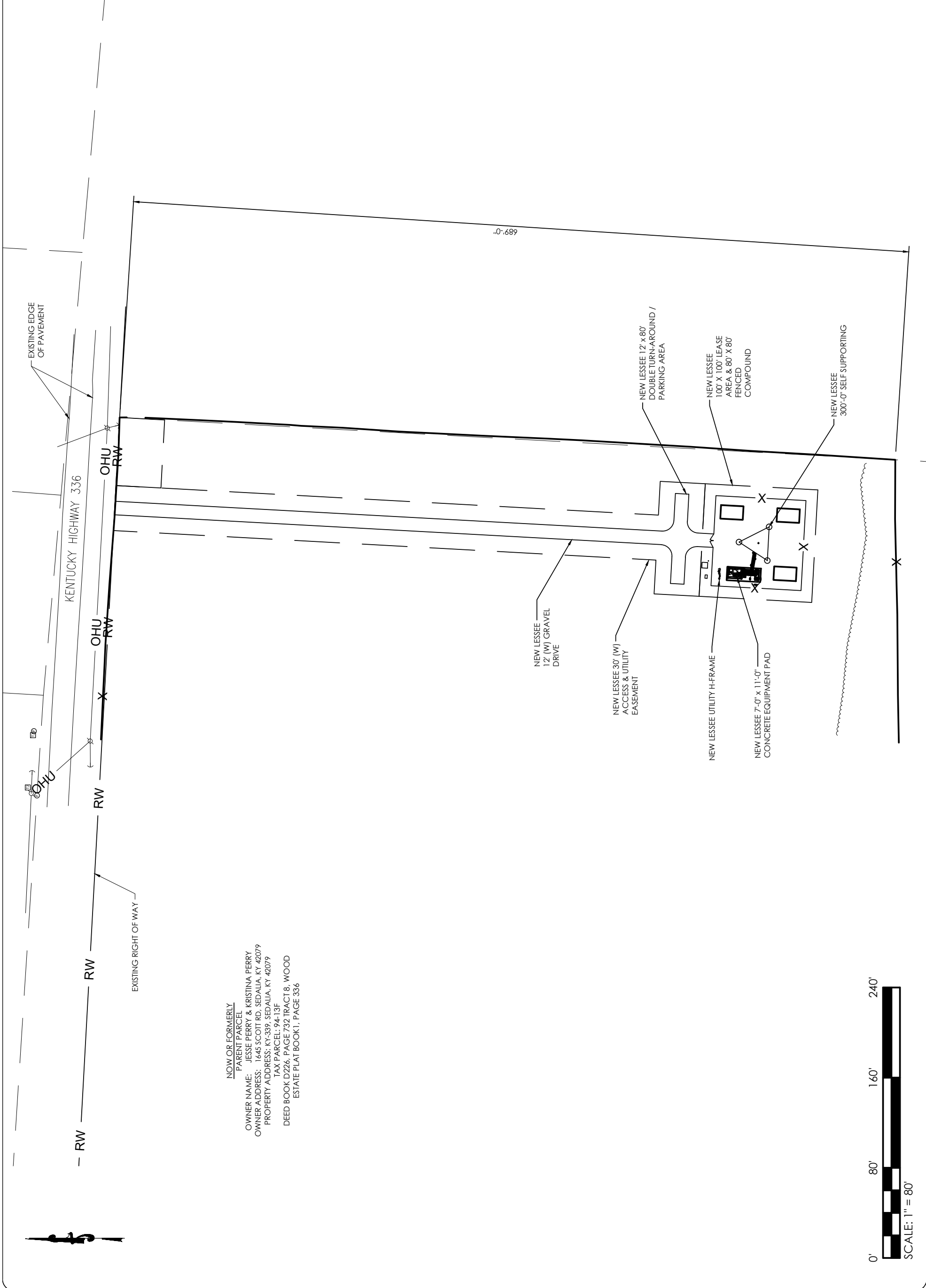
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REVISIONS	
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B	01/15/24 PLS ZONING ISSUE
A	11/16/22 MJB ZONING ISSUE

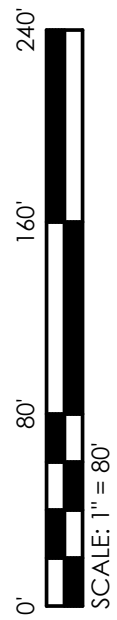



FUZE ID :	16912784
SITE NAME :	EV SEDALIA
SITE # / LOCATION CODE :	721758
SITE ADDRESS :	TBD KY-339 SEDALIA, KY 42079
SITE TYPE :	RAWLAND
SHEET TITLE :	SITE PLAN

DRAWING # :	Z5	REVISION :	0
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NOW OR FORMERLY PARENT PARCEL  
OWNER NAME: JESSE PERRY & KRISTINA PERRY  
OWNER ADDRESS: 1645 SCOTT RD, SEDALIA, KY 42079  
PROPERTY ADDRESS: KY-339, SEDALIA, KY 42079  
TAX PARCEL: 94-13F  
DEED BOOK D226, PAGE 732 TRACT 8, WOOD ESTATE PLAT BOOK 1, PAGE 336





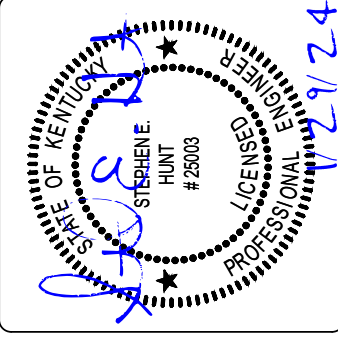


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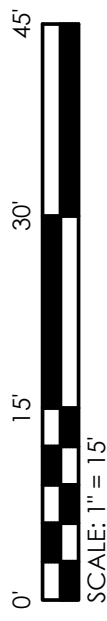
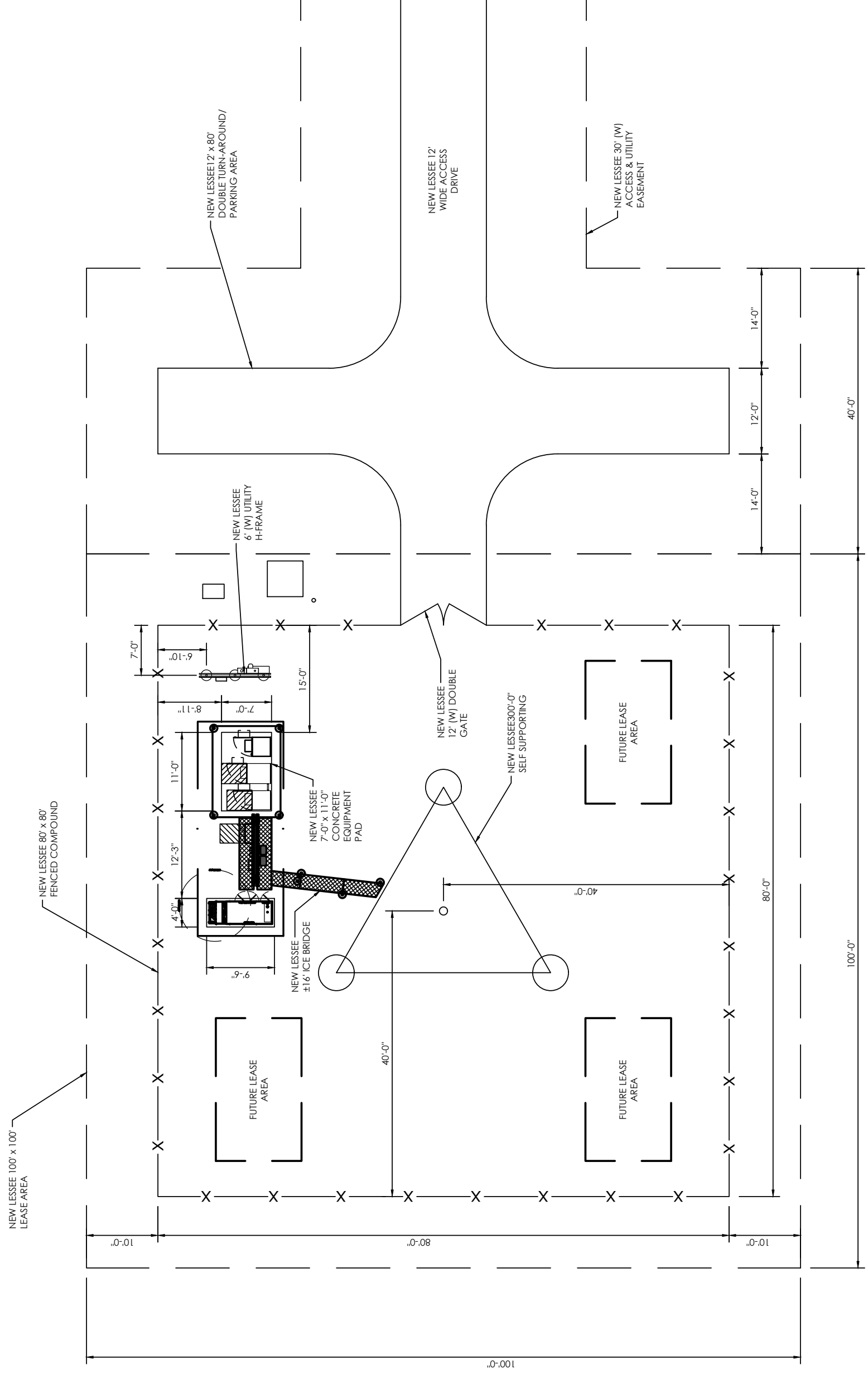


FUZE ID :	16912784
SITE NAME :	EV SEDALIA
SITE # / LOCATION CODE :	721758

SITE ADDRESS :	TBD KY-339 SEDALIA, KY 42079
SITE TYPE :	RAWLAND

SHEET TITLE :	DIMENSION SITE PLAN
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DRAWING # :	Z7	REVISION :	0
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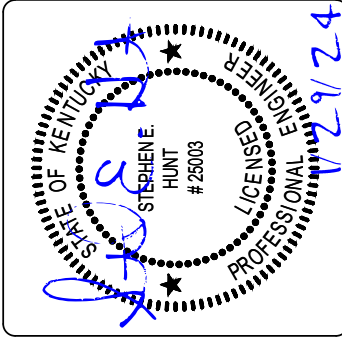




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CHECKED BY	SEH

REVISIONS			
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B	01/15/24	PLS	ZONING ISSUE
A	11/16/22	MJB	ZONING ISSUE



FUZE ID : 16912784

SITE NAME : EV SEDALIA

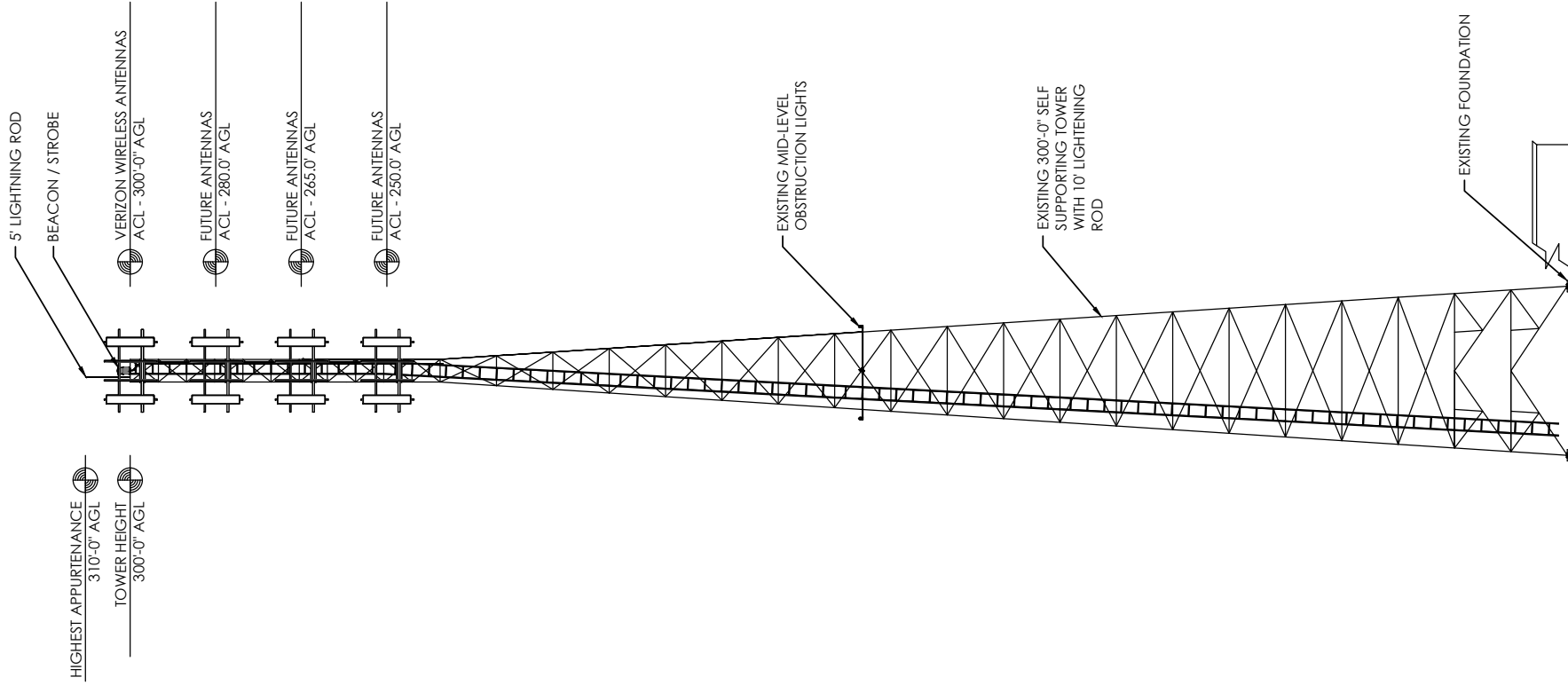
SITE # / LOCATION CODE : 721758

SITE ADDRESS : TBD KY-339  
SEDALIA, KY 42079

SITE TYPE : RAWLAND

SHEET TITLE : TOWER ELEVATION

DRAWING # :	Z8	REVISION :	0
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TOWER ELEVATION  
N/S

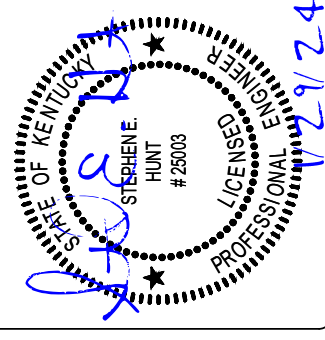


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REVISIONS	
#	DESCRIPTION
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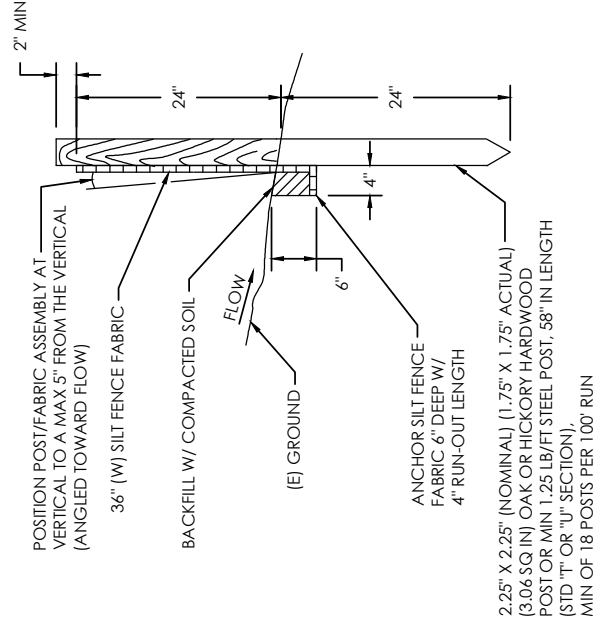


FUZE ID :	16912784
SITE NAME :	EV SEDALIA
SITE # / LOCATION CODE :	721758

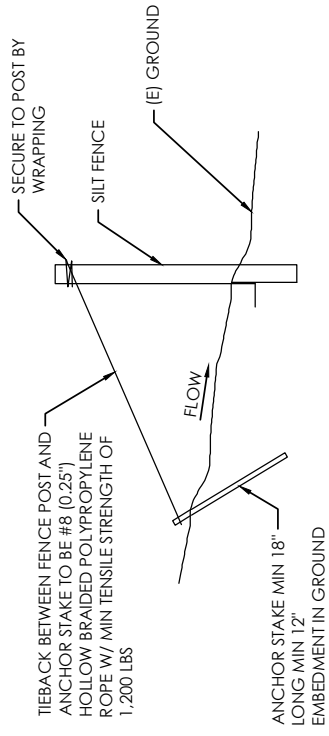
SITE ADDRESS :	TBD KY-339 SEDALIA, KY 42079
SITE TYPE :	RAWLAND

SHEET TITLE :	SITE DETAILS
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DRAWING # :	Z9	REVISION :	0
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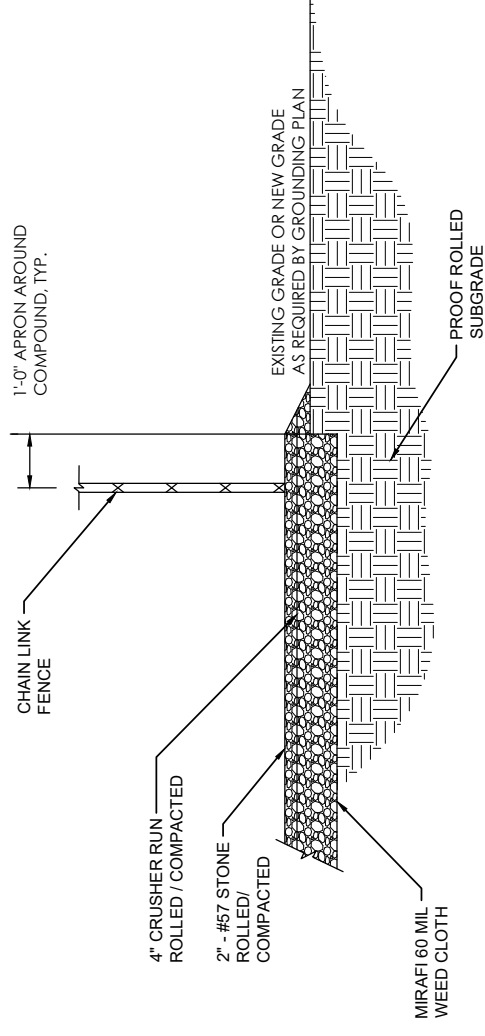


SECTIONAL VIEW



SILT FENCE TIEBACK FOR STEEL OR WOOD POSTS

SILT FENCE DETAIL 1

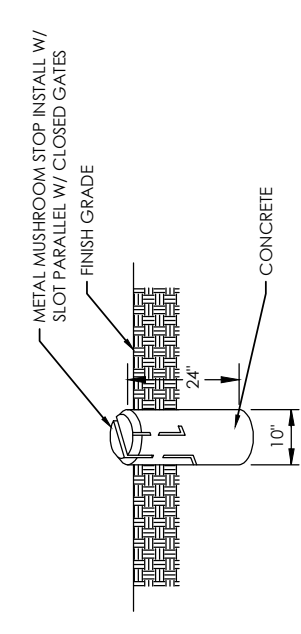


COMPOUND SURFACING 2

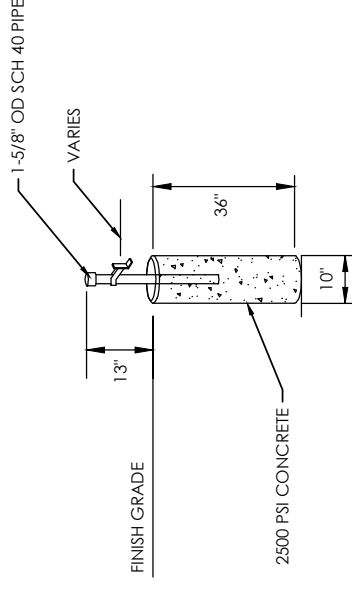
**TYPICAL WOVEN WIRE FENCING NOTES:**

- (INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F-900)
- GATE POST, CORNER, TERMINAL OR PULL POST SHALL BE 3/8" SCHEDULE 40 FOR GATE WIDTHS UP THRU 7 FEET OR 1/4 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
- LINE POST: 2"Ø SCHEDULE 40 PIPE PER ASTM-F1083. INSTALL EVERY 8'-0" ALONG FENCE LINE.
- GATE FRAME: 1-1/2"Ø SCHEDULE 40 PIPE, STEEL, HOT-DIPPED ZINC COATED (GALVANIZED) WELDED STEEL PIPE PER ASTM-F1083.
- TOP RAIL & BRACE RAIL: 1-5/8"Ø SCHEDULE 40 PIPE PER ASTM-F1083.
- CHAIN LINK FABRIC: 9 GA. MIN. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
- TIE WIRE: MINIMUM 11 GA. GALVANIZED STEEL INSTALL A SINGLE WRAP TIE WIRE AT POSTS AND RAILS AT MAX. 24" INTERVALS. INSTALL HOG RINGS ON TENSION WIRE AT 24" INTERVALS.
- TENSION WIRE: 7 GA. GALVANIZED STEEL
- BARBED WIRE: DOUBLE STRAND 12-1/2" GA. TWISTED WIRE, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS. (IF USED)
- GATE LATCH: 1-3/8" OD PLUNGER ROD W/ MUSHROOM TYPE CATCH AND LOCK (KEYED ALIKE FOR ALL SITES OR COMBINATION AS SPECIFIED BY OWNER)
- LOCAL ORDINANCE FOR BARBED WIRE PERMIT SHALL GOVERN INSTALLATION.
- HEIGHT= 8' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION. WORK WITH SPECIFICATION 2881.

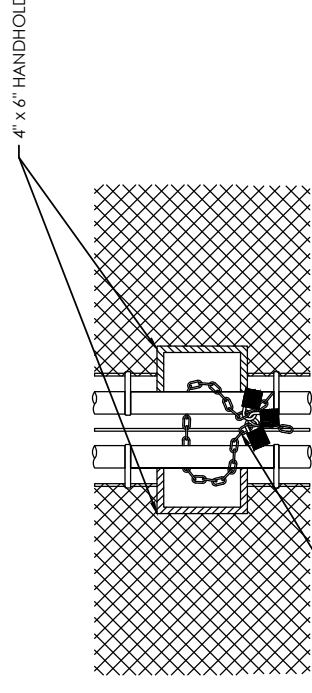
CHECK LOCAL CODES FOR BARBED WIRE REQUIREMENTS.



**MUSHROOM STOP**  
NTS

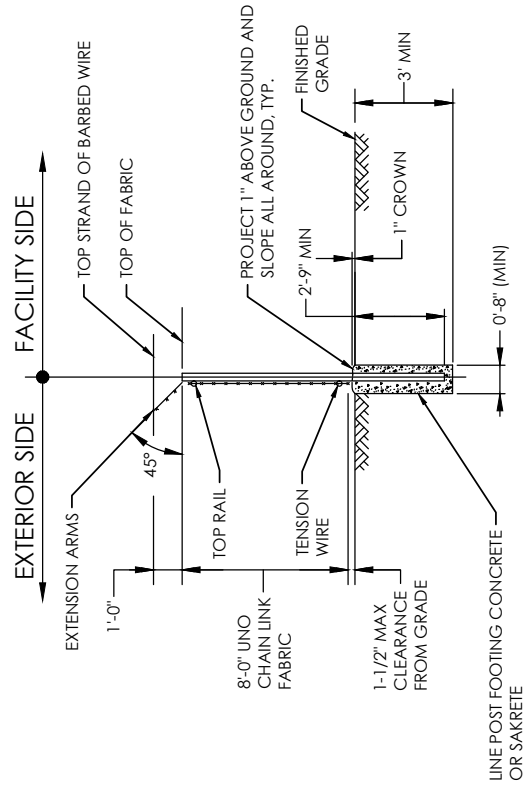


**GATE STOP DETAIL**  
NTS



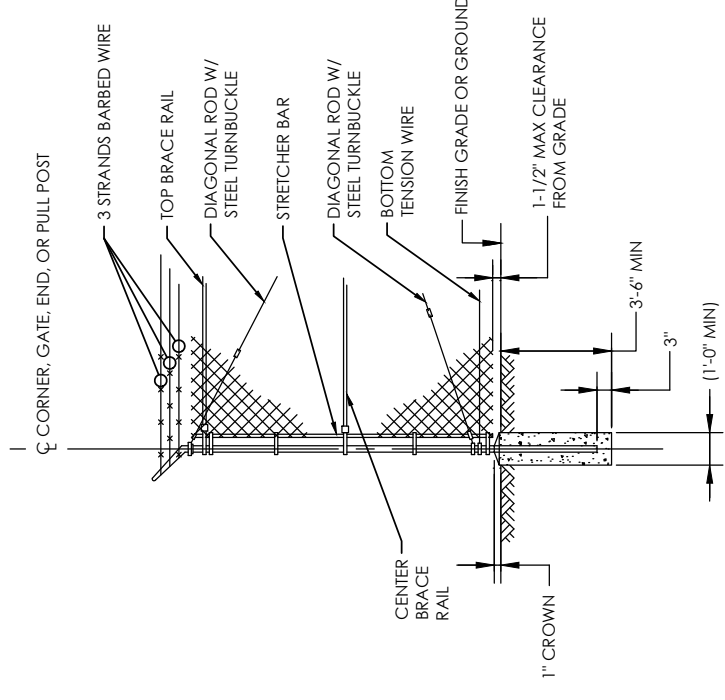
**FENCE LOCK DETAIL**  
NTS

CONTRACTOR TO SUPPLY & INSTALL A 3/8" x 36" FORGED ZINC COATED CHAIN W/ A FOUR DIGIT COMBO MASTER LOCK W/ ELONGATED SHANK

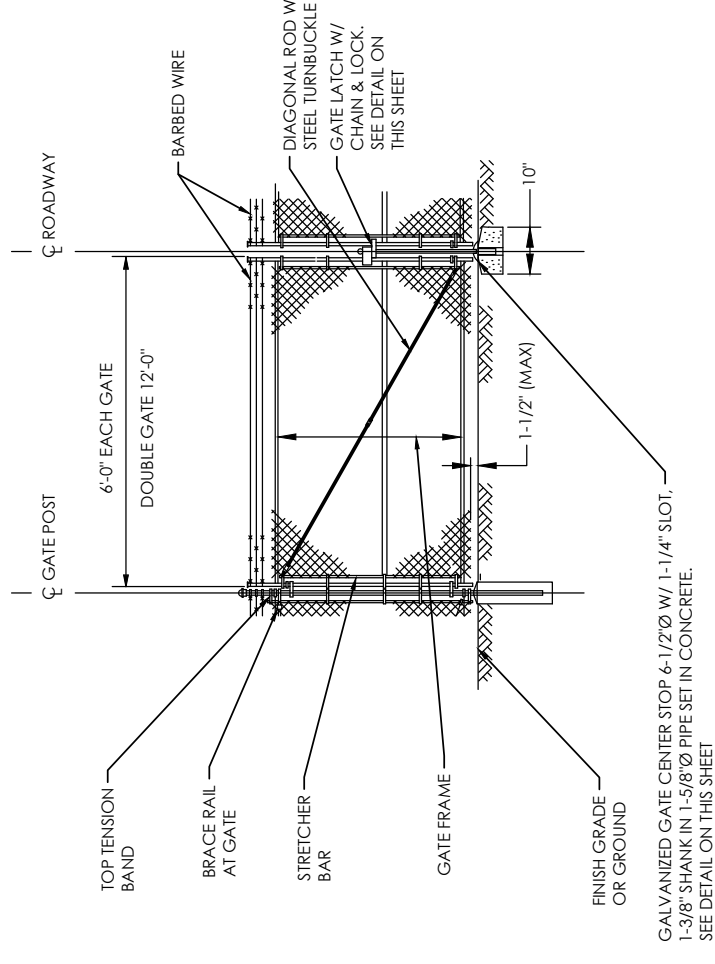


TYPICAL SECTION

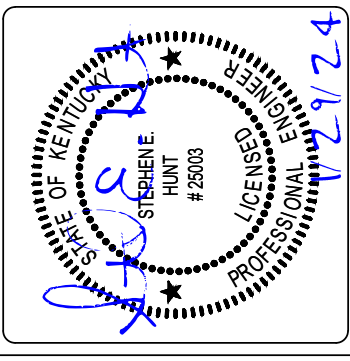
**WOVEN WIRE FENCE** ①  
NTS



**WOVEN WIRE CORNER, GATE, END OR PULL POST**  
NTS



**WOVEN WIRE DOUBLE GATE** ③  
NTS



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

DRAWN BY	TDD
CHECKED BY	SEH

REVISIONS	
0	01/29/24 PLS ZONING ISSUE
B	01/15/24 PLS ZONING ISSUE
A	11/16/22 MJB ZONING ISSUE
#	DATE BY DESCRIPTION



FUZE ID :	16912784
SITE NAME :	EV SEDALIA
SITE # / LOCATION CODE :	721758

SITE ADDRESS :	TBD KY-339 SEDALIA, KY 42079
SITE TYPE :	RAWLAND

SHEET TITLE :	SITE DETAILS
---------------	--------------

DRAWING # :	Z10
REVISION :	0





World Tower  
COMPANY, INC.

---

1213 Compressor Drive  
P.O. Box 508  
Mayfield, KY 42066  
270-247-3642  
FAX: 270-247-0909  
E-mail: [worldtower@worldtower.com](mailto:worldtower@worldtower.com)  
Web: [www.worldtower.com](http://www.worldtower.com)

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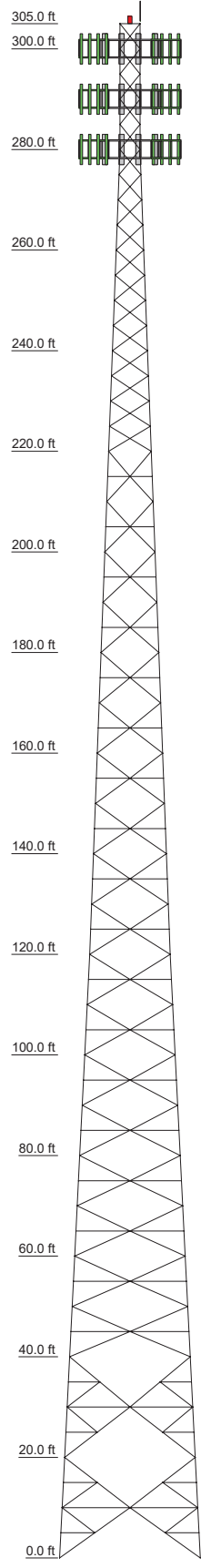
305' MODEL WSST TOWER  
FOR: APC TOWERS  
SITE: SEDALIA (KY-1754 EV SEDALIA)  
GRAVES COUNTY, KY  
DESIGN PACKAGE



2-14-2024



Section	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	
Legs	SR 2 1/4	SR 2 1/4	SR 2 3/4	SR 3 1/4	SR 3 1/4	SR 3 1/2	SR 3 3/4	SR 3 3/4	SR 4	SR 4	SR 4 1/4	SR 4 1/4	SR 4 1/4	SR 4 1/4	SR 4 1/2	SR 4 1/2	A
Leg Grade									A572-50								
Diagonals	L2x2x3/16	L2x2x3/16	L2x2x1/4	L2x2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L3x3x3/16	L3x3x3/16	L3x3x3/16	L3 1/2x3 1/2x1/4	L3 1/2x3 1/2x1/4	L4x4x1/4	L3 1/2x3 1/2x1/4	L3 1/2x3 1/2x1/4	B
Diagonal Grade									A36								
Top Girts									N.A.								
Horizontals									L2x2x1/8	L2x2x3/16	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	B
Red. Horizontals									N.A.								
Red. Diagonals									N.A.								
Inner Bracing									N.A.								
Face Width (ft)	4	5.5	7	8.5	10	11.5	13	14.5	16	18	20	22	24	26	28	28	4
# Panels @ (ft)																	
Weight (K)	0.2	1.3	1.9	2.3	2.4	2.8	3.2	3.3	3.9	4.0	4.1	5.2	5.5	6.1	5.7	6.4	58.3



**DESIGNED APPURTENANCE LOADING**

TYPE	ELEVATION	TYPE	ELEVATION
Beacon Lighting	305	3VFA12-HDT	290
Lightning Rod 5/8x5'	305	Carrier 2 - 225.51 sq ft	290
8' VZW-UPNY	300	3VFA12-HDT	280
Carrier 1 - 225.51 sq ft	300	Carrier 3 - 225.51 sq ft	280

**SYMBOL LIST**

MARK	SIZE	MARK	SIZE
A	SR 1 3/4	B	L1 3/4x1 3/4x1/8

**MATERIAL STRENGTH**

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

**TOWER DESIGN NOTES**

1. Tower designed for Exposure C to the TIA-222-H Standard.
2. Tower designed for a 106.00 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 30.00 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60.00 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. TOWER RATING: 99.7%



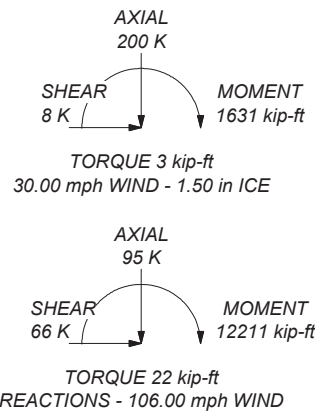
2-14-2024

ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:

DOWN: 535 K  
SHEAR: 43 K

UPLIFT: -454 K  
SHEAR: 36 K



<b>World Tower Company</b> 1213 Compressor Drive Mayfield, KY 42066 Phone: (270) 247-3642 FAX: www.worldtower.com	<b>Job: 305' WSST Tower / WTC Q24-061</b>		
	Project: <b>Sedalia, KY</b>		
	Client: APC Towers	Drawn by: kirk	App'd:
	Code: TIA-222-H	Date: 02/14/24	Scale: NTS
	Path: C:\Tower\PE Runs\2024\Q24-061 sedalia\Q24-061.eri		Dwg No. E-1



1717 S BOULDER AVE #300, TULSA, OK 74119  
(918) 587-4630



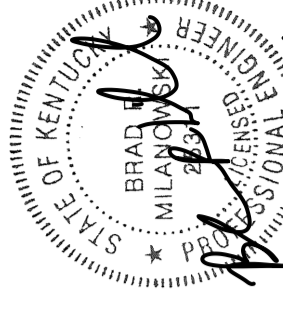
3601 Six Forks Road, Suite 250, Raleigh, NC 27613

REV	DATE	DESCRIPTION
0	02/19/24	ISSUED FOR CONSTRUCTION

ISSUED FOR:

COA: 4011

EXPIRES: 12/31/2024



2/19/24

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTIONS OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

PROJECT INFORMATION:

PROJECT NO: 169880.001.01.0001  
SITE NAME: SEDALIA  
SITE NO: KY-1754  
CLIENT NAME: APC Towers

DRAWN BY: JOHN LONDON  
CHECKED BY:

SHEET TITLE:

DRILLED PIER FOUNDATION

SHEET NUMBER: **SST-DPF**

REVISION: **0**

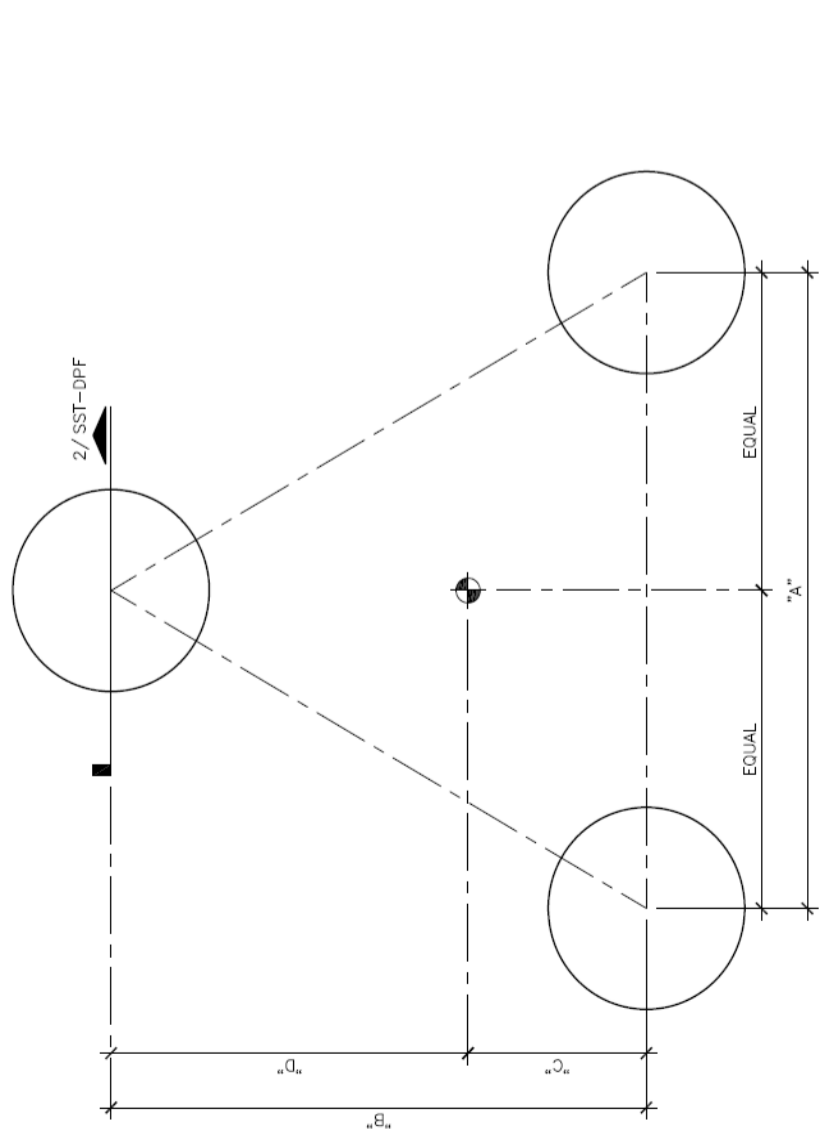
- NOTES:**
- REINFORCEMENT STEEL SHALL CONFIRM TO THE REQUIREMENT OF ASTM A-615 (GRADE 60) EXCEPT THAT TIES MAY BE ASTM-615 (GRADE 40) WITH 3" MINIMUM CLEAR COVER.
  - REINFORCEMENT STEEL SHALL BE DETAILED, FABRICATED, BENT, AND PLACED IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE AND THE ACI 315 (LATEST EDITION).
  - THE CONTRACTOR SHALL THOROUGHLY REVIEW THE GEOTECH REPORT FOR THIS PROJECT AND FOLLOW THE RECOMMENDATIONS IN THAT REPORT WHEN CONSTRUCTING THE FOUNDATION.  
GEOTECHNICAL PROPERTIES BY: DELTA OAKS GROUP  
PROJECT NUMBER: GEO23-20580-08  
DATE: JANUARY 10, 2024
  - THIS FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE TIA 222-H STANDARD, SPECIFICALLY FOR THE TOWER AND SOIL CONDITION REFERENCED ABOVE. IF ANYTHING DIFFERS THIS DESIGN SHALL BE CONSIDERED INVALID AND MUST BE REDESIGNED PRIOR TO CONSTRUCTION.
  - TOTAL CONCRETE VOLUME FOR ALL (3) PIERS IN CUBIC YARDS: 94.9
  - ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
  - CONCRETE MIXTURES SHALL MEET DURABILITY REQUIREMENTS OF CHAPTER 19 OF THE ACI 318-14
  - ALL CONCRETE TESTING SHALL BE IN ACCORDANCE WITH ACI 318-14. A MINIMUM OF (2) 6"x12" OR (3) 4"x8" CONCRETE CYLINDERS PER INDIVIDUAL FOUNDATION AND A MINIMUM OF (6) 6"x12" OR (6) 4"x8" CYLINDERS PER BATCH REQUIRED.
  - SUMP TEST SHALL BE MADE IN ACCORDANCE WITH ASTM C143. THE ALLOWABLE CONCRETE SLUMP SHALL BE 4 INCHES (±1") UNLESS ADMIXTURES ARE USED. ADMIXTURE SHALL BE IN ACCORDANCE WITH ASTM C494 STANDARD TYPES A, B, C, D OR E. THE ENGINEER SHALL PRE-APPROVE SUPER PLASTICIZER USE. DO NOT USE CHLORIDE-CONTAINING ADMIXTURES. AIR ENTRAINING ADMIXTURES SHALL CONFORM TO ASTM C260.
  - BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM UNIT WEIGHT SPECIFIED IN GEOTECH REPORT. THE SOIL SHALL BE INSTALLED IN 6" TO 8" LIFTS AND COMPACTED THOROUGHLY TO ACHIEVE APPROPRIATE UNIT WEIGHT UNLESS GEOTECH SPECIFIES OTHER COMPACTION REQUIREMENTS.
  - VERIFY ALL DIMENSIONS AGAINST MANUFACTURER'S DRAWINGS.

STIPULATION FOR REUSE:  
1. THIS DRAWING WAS SPECIFICALLY DESIGNED FOR USE BY THE CUSTOMER ON THIS DRAWING AT THE SPECIFIED LOCATION. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF A PROPERLY LICENSED ENGINEER.

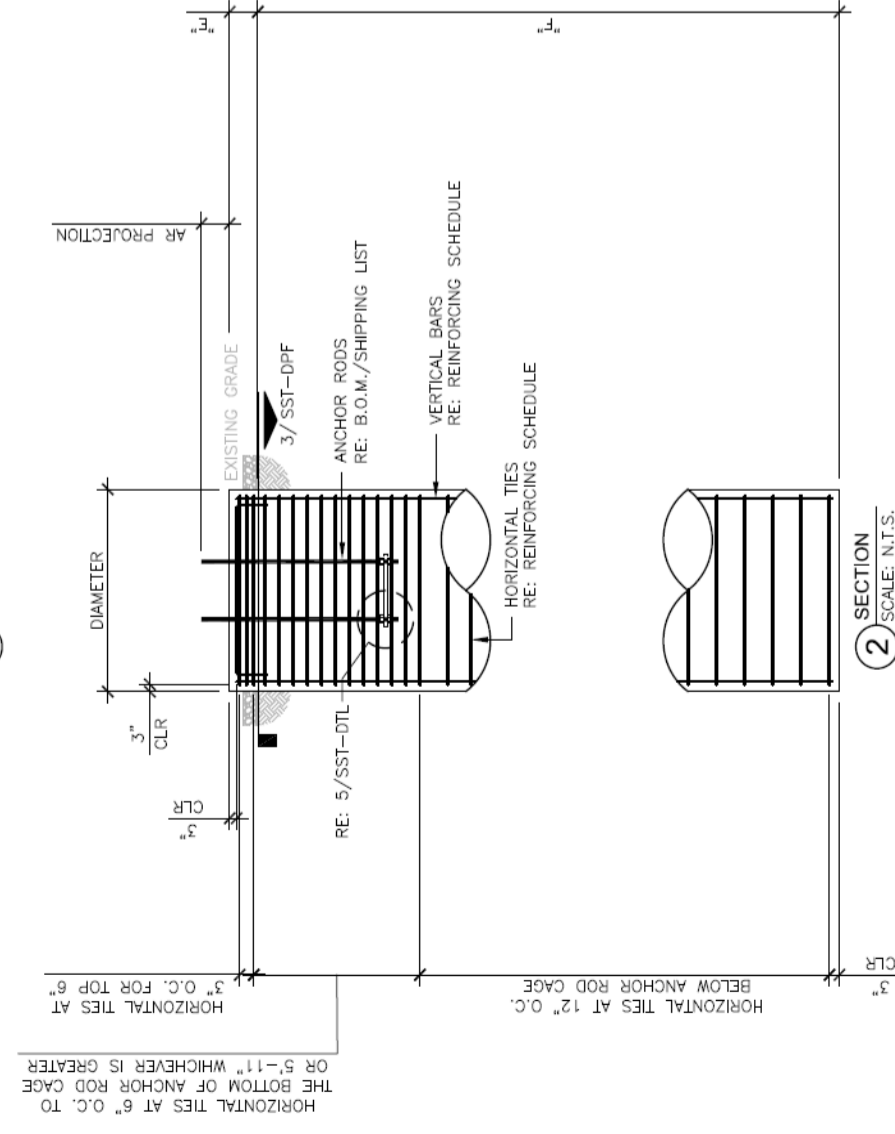
DIMENSIONING SCHEDULE	SIZE	TOTAL QTY
A	28' 0"	54
B	24' 3"	153
C	8' 1"	12
D	16' 2"	
E	0' 6"	
F	43' 0"	
MIN. OVERLAP "G"	2' 3"	
DIAMETER	5' 0"	
AR PROJECTION	REF TO MFG	

REINFORCING SCHEDULE	SIZE	TOTAL QTY
VERTICAL BARS	# 8	54
HORIZONTAL TIES	# 4	153
U-BAR HORIZONTAL	# 4	12

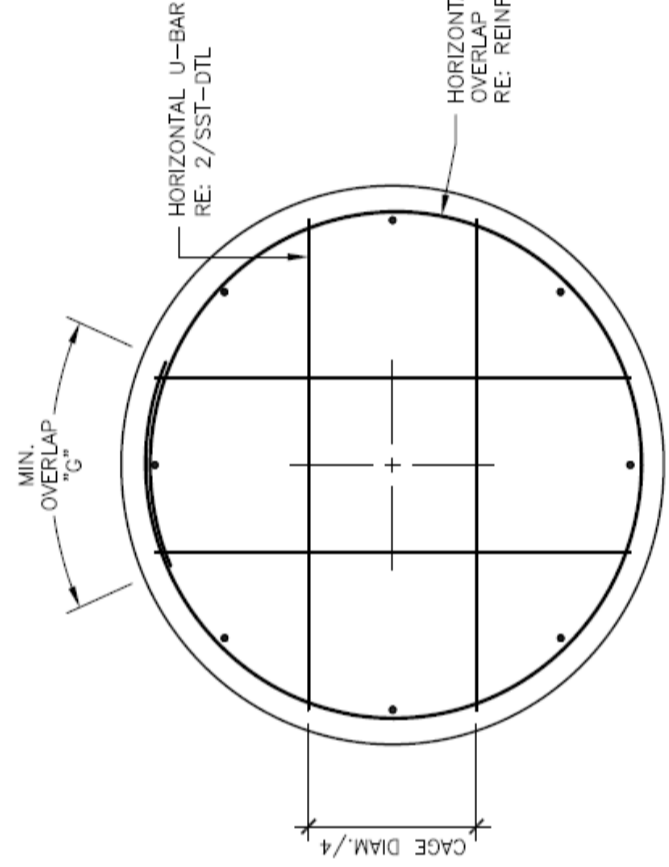
BASE REACTIONS: (FACTORED LOADS)	
GLOBAL REACTIONS	
MOMENT	12211 KIP-FT
AXIAL	95 KIPS
SHEAR	66 KIPS
REACTIONS PER LEG	
COMPRESSION AXIAL	535 KIPS
COMPRESSION SHEAR	43 KIPS
UPLIFT AXIAL	454 KIPS
UPLIFT SHEAR	36 KIPS



1 PLAN SCALE: N.T.S.



2 SECTION SCALE: N.T.S.



3 SECTION SCALE: N.T.S.



1717 S BOULDER AVE #300, TULSA, OK 74119  
(918) 587-4630



3601 Six Forks Road, Suite 250, Raleigh, NC 27613

REV	DATE	DESCRIPTION
0	02/19/24	ISSUED FOR CONSTRUCTION

ISSUED FOR:  
COA: 4011  
EXPIRES: 12/31/2024



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PROJECT INFORMATION:  
PROJECT NO: 169880.001.01.0001  
SITE NAME: SEDALIA  
SITE NO: KY-1754  
CLIENT NAME: APC Towers  
DRAWN BY: JOHN LONDON  
CHECKED BY:

SHEET TITLE:  
UNIT BASE FOUNDATION

SHEET NUMBER: **SST-UBF**  
REVISION: **0**

- NOTES:**
- REINFORCEMENT STEEL SHALL CONFORM TO THE REQUIREMENT OF ASTM A-615 (GRADE 60) EXCEPT THAT TIES MAY BE ASTM-615 (GRADE 40) WITH 3" MINIMUM CLEAR COVER.
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GEOTECHNICAL PROPERTIES BY: DELTA OAKS GROUP  
PROJECT NUMBER: GEO23-20580-08  
DATE: JANUARY 10, 2024
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  - CONCRETE VOLUME IN CUBIC YARDS: 98.16
  - ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
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  - BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM UNIT WEIGHT SPECIFIED IN GEOTECH REPORT. THE SOILS SHALL BE INSTALLED IN 6" TO 8" LIFTS AND COMPACTED THOROUGHLY TO ACHIEVE APPROPRIATE UNIT WEIGHT UNLESS GEOTECH SPECIFIES OTHER COMPACTION REQUIREMENTS.
  - VERIFY ALL DIMENSIONS AGAINST MANUFACTURER'S DRAWINGS.

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**BASE REACTIONS: (FACTORED LOADS)**

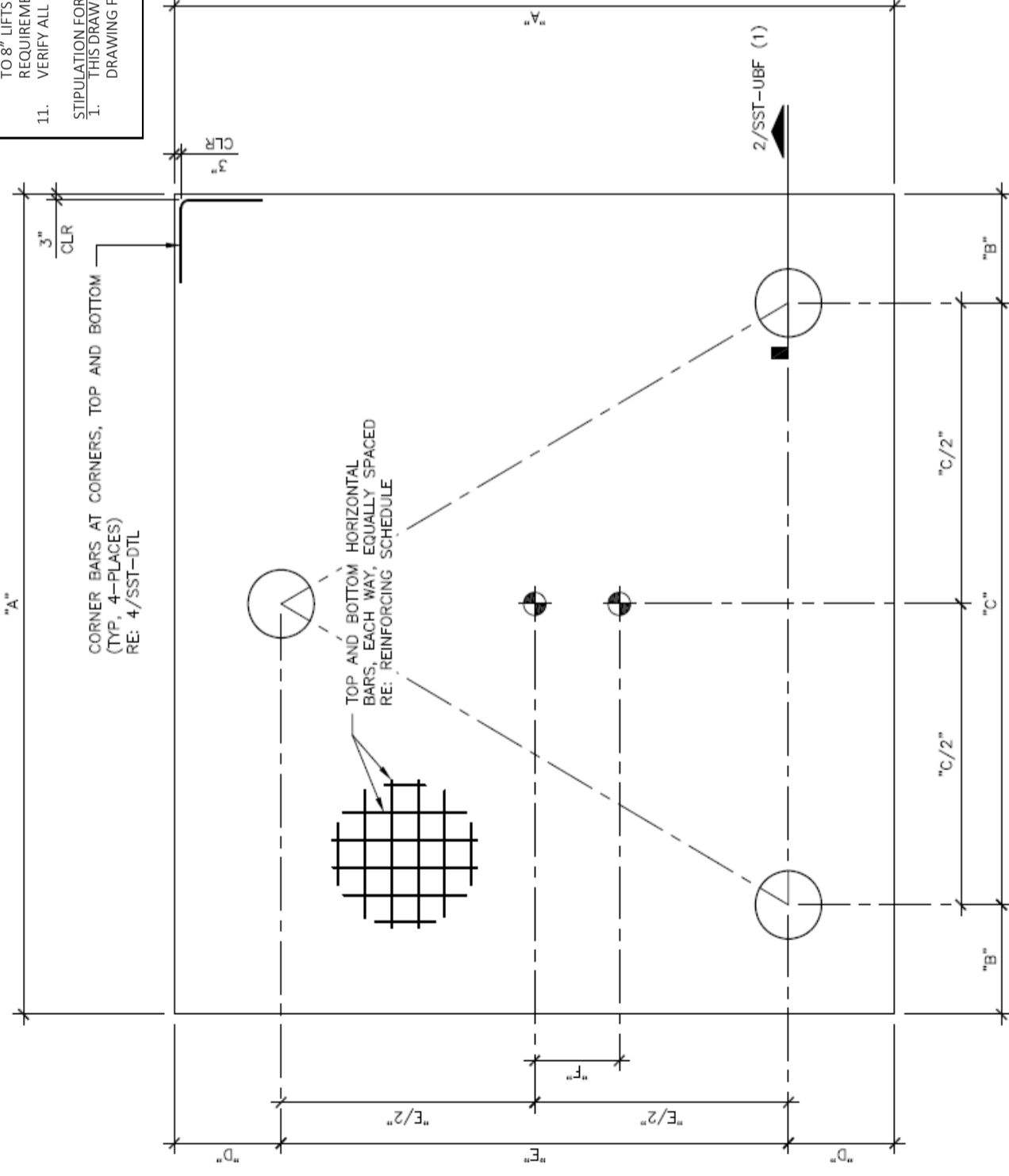
GLOBAL REACTIONS		UNIT
MOMENT	12211	KIP-FT
AXIAL	95	KIPS
SHEAR	66	KIPS
REACTIONS PER LEG		UNIT
COMPRESSION AXIAL	535	KIPS
COMPRESSION SHEAR	43	KIPS
UPLIFT AXIAL	454	KIPS
UPLIFT SHEAR	36	KIPS

**REINFORCING SCHEDULE**

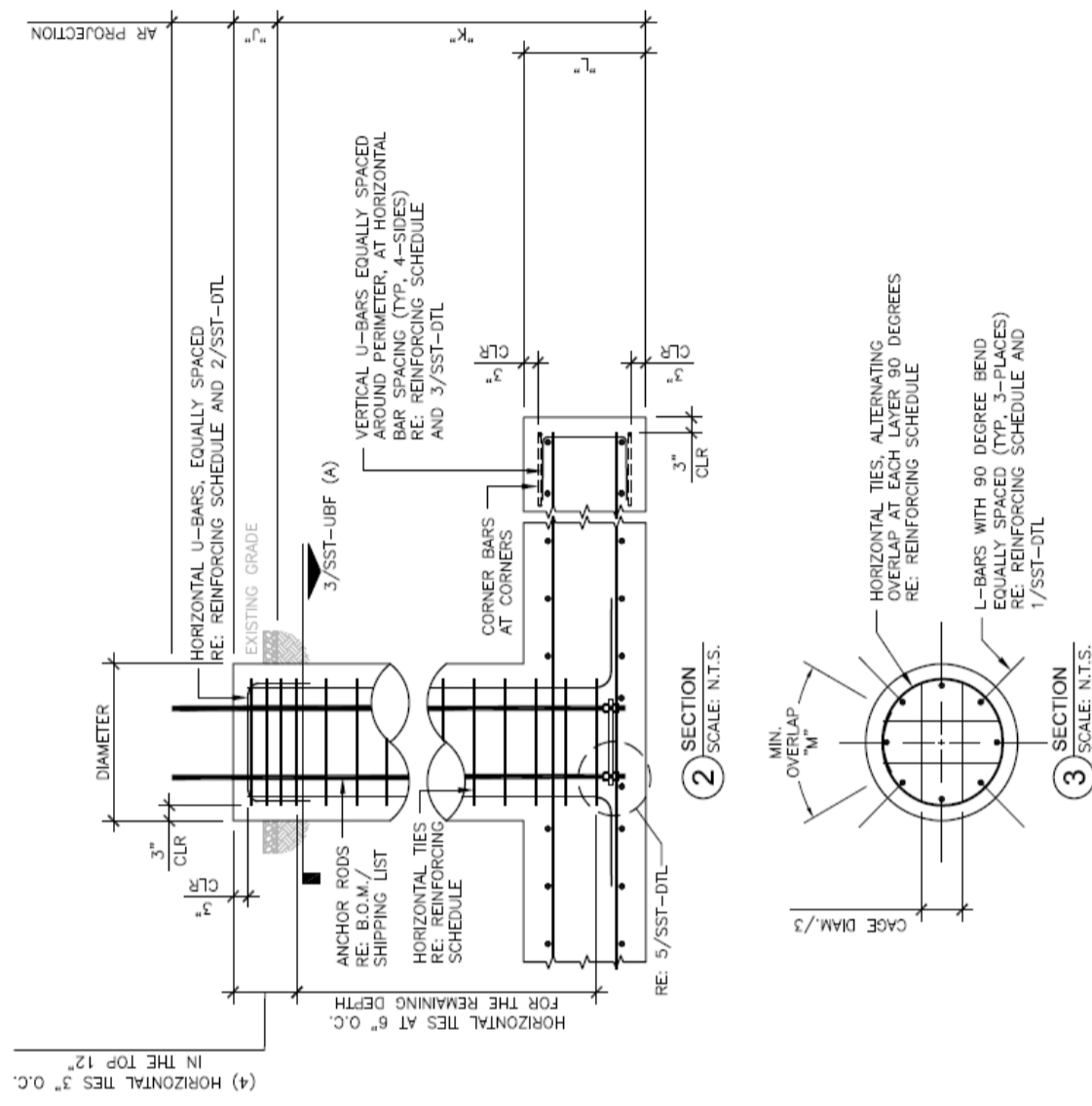
REINFORCING SCHEDULE	SIZE	TOTAL QTY
VERTICAL BARS WITH 90° BEND	# 8	36
HORIZONTAL TIES	# 4	42
HORIZONTAL U-BAR (PEDESTAL)	# 4	12
TOP HORIZONTAL BARS	# 8	80
BOTTOM HORIZONTAL BARS	# 8	80
CORNER BARS	# 4	8
VERTICAL U-BARS (PAD)	# 4	160

**DIMENSIONING SCHEDULE**

A	35' 6"
B	3' 9"
C	28' 0"
D	5' 7 1/2"
E	24' 3"
F	4' 1/2"
J	0' 6"
K	6' 0"
L	2' 0"
MIN OVERLAP "M"	2' 3"
DIAMETER	3' 6"
AR PROJECTION	REF TO MFG



1 PLAN SCALE: N.T.S.



2 SECTION SCALE: N.T.S.  
3 SECTION SCALE: N.T.S.



1717 S BOULDER AVE #300, TULSA, OK 74119  
(918) 587-4630



3601 Six Forks Road, Suite 250, Raleigh, NC 27613

ISSUED FOR:

REV	DATE	DESCRIPTION
0	02/19/24	ISSUED FOR CONSTRUCTION

COA: 4011

EXPIRES: 12/31/2024



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PROJECT INFORMATION:

PROJECT NO: 169880.001.01.0001  
SITE NAME: SEDALIA  
SITE NO: KY-1754  
CLIENT NAME: APC Towers

DRAWN BY: JOHN LONDON  
CHECKED BY:

SHEET TITLE:

DIMENSIONING DETAIL

SHEET NUMBER:

**SST-DTL**

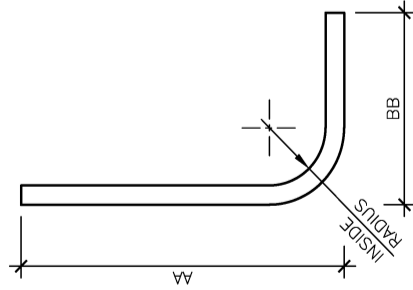
REVISION:

**0**

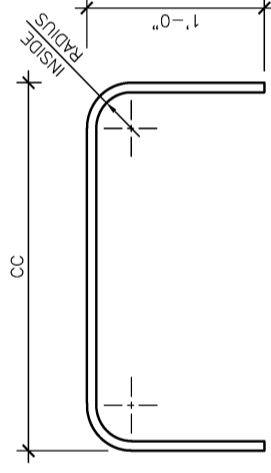
**DIMENSIONING SCHEDULE**

AA*	5' 10"
BB	1' 3"
CC*	VARIES
DD*	1' 6"
EE	3' 0"

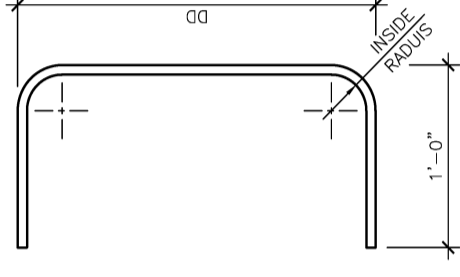
\*NOTE: CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO FABRICATION



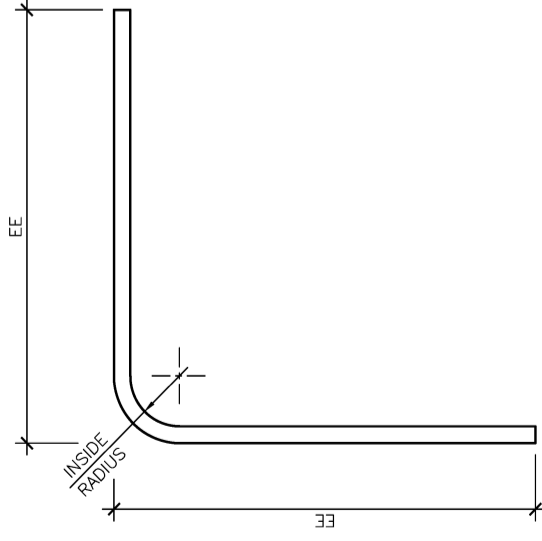
**1** L-BAR  
SCALE: N.T.S.



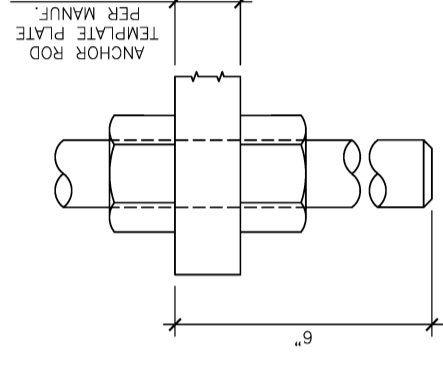
**2** HORIZONTAL U-BAR  
SCALE: N.T.S.



**3** VERTICAL U-BAR  
SCALE: N.T.S.



**4** CORNER BAR  
SCALE: N.T.S.



**5** ANCHOR ROD DETAIL  
SCALE: N.T.S.

## Drilled Pier Foundation

Project # :	169880.001.01.0001
Site Name:	Sedalia
Site Number:	KY-1754
TIA-222 Revision:	H
Tower Type:	Self Support

Applied Loads		
	Comp.	Uplift
Moment (kip-ft)		
Axial Force (kips)	535	454
Shear Force (kips)	43	36

Material Properties	
Concrete Strength, f <sub>c</sub> :	4 ksi
Rebar Strength, F <sub>y</sub> :	60 ksi
Tie Yield Strength, F <sub>yt</sub> :	40 ksi

Pier Design Data	
Depth	43 ft
Ext. Above Grade	0.5 ft
<b>Pier Section 1</b>	
<i>From 0.5' above grade to 43' below grade</i>	
Pier Diameter	5 ft
Rebar Quantity	18
Rebar Size	8
Clear Cover to Ties	3 in
Tie Size	4
Tie Spacing	12 in

[Rebar & Pier Options](#)

[Embedded Pole Inputs](#)

[Belled Pier Inputs](#)

Check Limitation	
Apply TIA-222-H Section 15.5:	<input type="checkbox"/>
	N/A
Design Options	
Input Effective Depths (else Actual):	<input type="checkbox"/>
Consider non-tapered moment capacity:	<input type="checkbox"/>
Check Shear along Depth of Pier:	<input checked="" type="checkbox"/>
Utilize Shear-Friction Methodology:	<input type="checkbox"/>
Override Critical Depth:	<input type="checkbox"/>

[Go to Soil Calculations](#)

### Analysis Results

Soil Lateral Check	Compression	Uplift
D <sub>v=0</sub> (ft from TOC)	23.38	23.38
Soil Safety Factor	28.82	34.43
Max Moment (kip-ft)	673.36	563.74
Rating	4.6%	3.9%

Soil Vertical Check	Compression	Uplift
Skin Friction (kips)	437.07	355.20
End Bearing (kips)	840.94	-
Weight of Concrete (kips)	153.74	115.31
Total Capacity (kips)	1278.01	470.50
Axial (kips)	688.74	454.00
Rating	53.9%	96.5%

Reinforced Concrete Flexure	Compression	Uplift
Critical Depth (ft from TOC)	23.71	21.10
Critical Moment (kip-ft)	673.13	554.58
Critical Moment Capacity	2450.54	1134.79
Rating	27.5%	48.9%

Reinforced Concrete Shear	Compression	Uplift
Critical Depth (ft from TOC)	35.97	35.97
Critical Shear (kip)	69.70	58.36
Critical Shear Capacity	511.64	260.97
Rating	13.6%	22.4%

Structural Foundation Rating	<b>48.9%</b>
Soil Interaction Rating	<b>96.5%</b>

### Soil Profile

# of Layers	11
-------------	----

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ <sub>soil</sub> (pcf)	γ <sub>concrete</sub> (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Net Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	2.5	2.5	105	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	2.5	3	0.5	105	150	0.3		0.165	0.165	0.00	0.00			Cohesive
3	3	6	3	120	150	0.8		0.440	0.440	0.43	0.43			Cohesive
4	6	8	2	120	150	1.6		0.880	0.880	0.88	0.88			Cohesive
5	8	13	5	120	150	1		0.550	0.550	0.55	0.55			Cohesive
6	13	18	5	120	150	1.3		0.715	0.715	0.71	0.71			Cohesive
7	18	23	5	115	150		31	0.00	0.00	0.72	0.54			Cohesionless
8	23	28	5	115	150		30	0.00	0.00	0.97	0.73			Cohesionless
9	28	33	5	115	150		30	0.00	0.00	1.14	0.86			Cohesionless
10	33	38	5	120	150		34	0.00	0.00	1.26	0.94			Cohesionless
11	38	43	5	125	150		37	0.00	0.00	1.46	1.09	52.04		Cohesionless

Groundwater Depth	N/A
-------------------	-----

# SST Unit Base Foundation

Project #:	169880.001.01.000
Site Name:	Sedalia
Site #:	KY-1754

TIA-222 Revision:

Top & Bot. Pad Rein. Different?:	<input type="checkbox"/>
Tower Centroid Offset?:	<input checked="" type="checkbox"/>
Block Foundation?:	<input type="checkbox"/>
Rectangular Pad?:	<input type="checkbox"/>

Superstructure Analysis Reactions			
Global Moment, <b>M</b> :	12211	ft-kips	
Global Axial, <b>P</b> :	95	kips	
Global Shear, <b>V</b> :	66	kips	
Leg Compression, <b>P<sub>comp</sub></b> :	535	kips	
Leg Comp. Shear, <b>V<sub>u,comp</sub></b> :	43	kips	
Leg Uplift, <b>P<sub>uplift</sub></b> :	454	kips	
Leg Uplift. Shear, <b>V<sub>u,uplift</sub></b> :	36	kips	
Tower Height, <b>H</b> :	305	ft	
Base Face Width, <b>BW</b> :	28	ft	
BP Dist. Above Fdn, <b>bp<sub>dist</sub></b> :	3	in	

Foundation Analysis Checks				
	Capacity	Demand	Rating	Check
<i>Lateral (Sliding) (kips)</i>	311.21	66.00	21.2%	Pass
<i>Bearing Pressure (ksf)</i>	4.30	3.82	88.9%	Pass
<i>Overturning (kip*ft)</i>	13549.59	13015.32	96.1%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	1238.02	193.50	15.6%	Pass
<i>Pier Flexure (Tension) (kip*ft)</i>	166.17	162.00	97.5%	Pass
<i>Pier Compression (kip)</i>	6123.66	542.79	8.9%	Pass
<i>Pad Flexure (kip*ft)</i>	2679.83	2431.15	90.7%	Pass
<i>Pad Shear - 1-way (kips)</i>	788.07	317.49	40.3%	Pass
<i>Pad Shear - Comp 2-way (ksi)</i>	0.190	0.148	78.1%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	1122.80	116.10	10.3%	Pass
<i>Pad Shear - Tension 2-way (ksi)</i>	0.190	0.147	77.6%	Pass
<i>Flexural 2-way (Tension) (kip*ft)</i>	1122.80	97.20	8.7%	Pass

Pier Properties			
Pier Shape:	Circular		
Pier Diameter, <b>dpier</b> :	3.5	ft	
Ext. Above Grade, <b>E</b> :	0.50	ft	
Pier Rebar Size, <b>Sc</b> :	8		
Pier Rebar Quantity, <b>mc</b> :	12		
Pier Tie/Spiral Size, <b>St</b> :	4		
Pier Tie/Spiral Quantity, <b>mt</b> :	14		
Pier Reinforcement Type:	Tie		
Pier Clear Cover, <b>cc<sub>pier</sub></b> :	3	in	

Structural Rating:	97.5%
Soil Rating:	96.1%

Pad Properties			
Depth, <b>D</b> :	6.00	ft	
Pad Width, <b>W<sub>1</sub></b> :	35.50	ft	
Pad Thickness, <b>T</b> :	2.00	ft	
Pad Rebar Size (Bottom dir. 2), <b>Sp<sub>2</sub></b> :	8		
Pad Rebar Quantity (Bottom dir. 2), <b>mp<sub>2</sub></b> :	40		
Pad Clear Cover, <b>cc<sub>pad</sub></b> :	3	in	

Material Properties			
Rebar Grade, <b>Fy</b> :	60	ksi	
Concrete Compressive Strength, <b>F'c</b> :	4	ksi	
Dry Concrete Density, <b>δc</b> :	150	pcf	

Soil Properties			
Total Soil Unit Weight, <b>γ</b> :	105	pcf	
Ultimate Net Bearing, <b>Q<sub>net</sub></b> :	5.100	ksf	
Cohesion, <b>Cu</b> :	0.300	ksf	
Friction Angle, <b>φ</b> :		degrees	
SPT Blow Count, <b>N<sub>blows</sub></b> :			
Base Friction, <b>μ</b> :	0.35		
Neglected Depth, <b>N</b> :	1.7	ft	
Foundation Bearing on Rock?	No		
Groundwater Depth, <b>gw</b> :	N/A	ft	

<- Toggle between Gross and Net



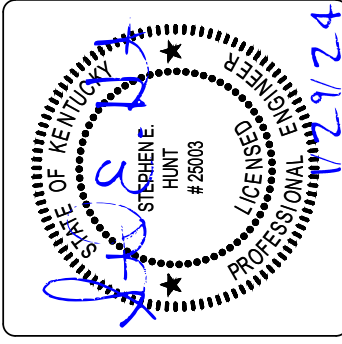


1961 NORTHPOINT BLVD.  
SUITE 130  
HIXSON, TN 37343  
PH : 423-843-9500  
FAX : 423-843-9509

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

DRAWN BY	TDD
CHECKED BY	SEH

REVISIONS	
#	DESCRIPTION
0	01/29/24 PLS ZONING ISSUE
B	01/15/24 PLS ZONING ISSUE
A	11/16/22 MJB ZONING ISSUE



FUZE ID : 16912784

SITE NAME : EV SEDALIA

SITE # / LOCATION CODE : 721758

SITE ADDRESS : TBD KY-339  
SEDALIA, KY 42079

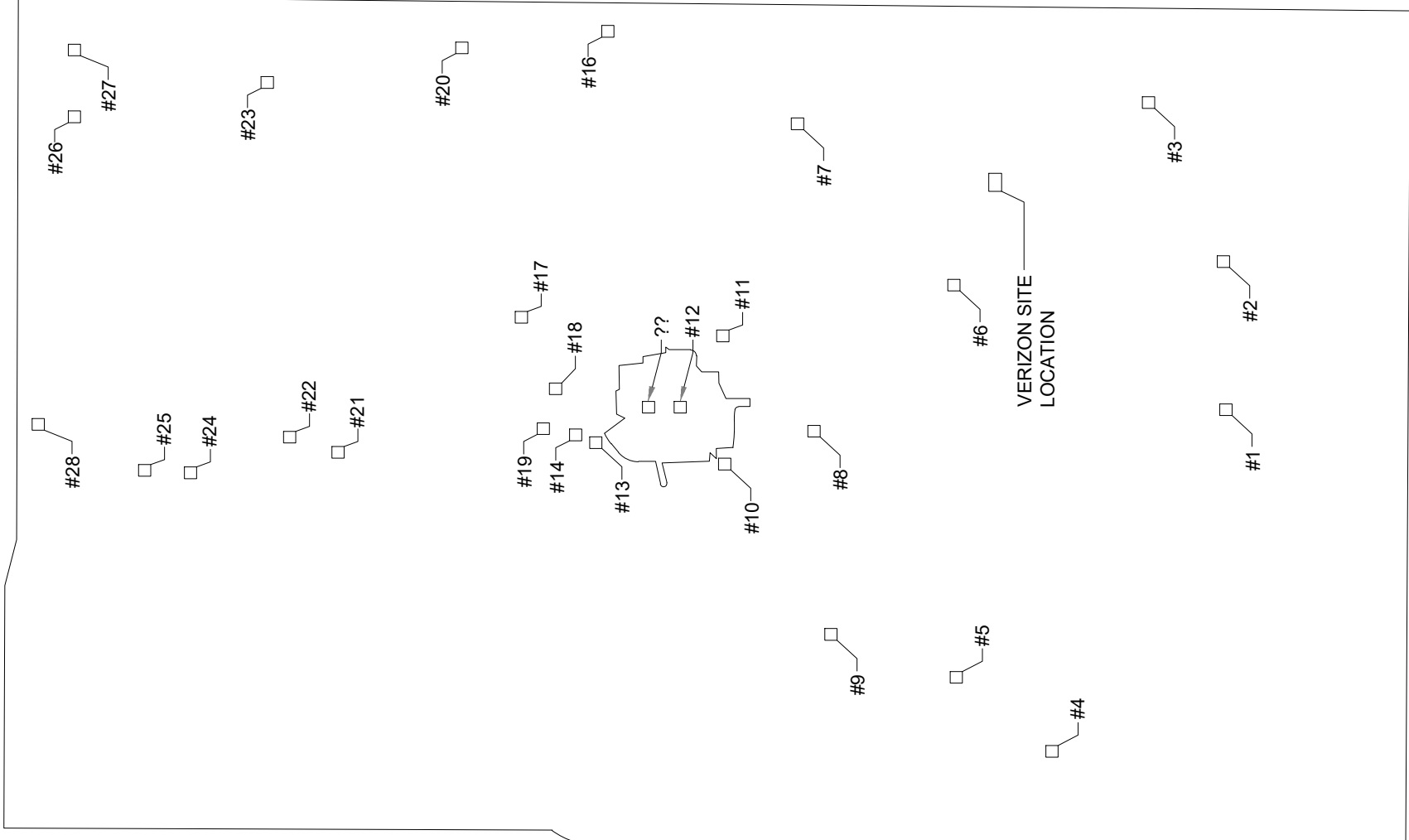
SITE TYPE : RAWLAND

SHEET TITLE : COUNTY TOWER MAP

DRAWING # : Z1  
REVISION : 0

### FCC REGISTERED SITES (GRAVES COUNTY)

TOWER	ASR	LATITUDE	LONGITUDE	TOWER OWNER
1	1039661	36°33'26.00"N	88°38'54.00"W	TEXAS GAS TRANSMISSION
2	1041880	36°33'30.00"N	88°35'22.00"W	BELLSOUTH TELECOM
3	1202399	36°34'49.20"N	88°31'45.20"W	KENTUCKY RSA NO.1 PARTNERSHIP
4	1215493	36°36'41.40"N	88°47'3.90"W	CROWN CASTLE SOUTH LLC
5	1215862	36°38'28.60"N	88°45'21.40"W	SBA PROPERTIES LLC
6	1201356	36°38'35.00"N	88°35'58.00"W	WEST KY RURAL TELEPHONE
7	1044036	36°41'34.00"N	88°32'11.00"W	KY AUTHORITY FOR EDUCATION
8	1244198	36°41'12.00"N	88°39'33.50"W	KENTUCKY RSA NO. 1 PARTNERSHIP
9	1271762	36°40'56.30"N	88°44'18.60"W	AMERICAN TOWERS LLC
10	1277402	36°42'59.90"N	88°40'13.00"W	WEST KY RURAL ELECTRIC
11	1217408	36°43'2.00"N	88°37'10.00"W	SBA PROPERTIES LLC
12	1264848	36°43'45.50"N	88°38'57.20"W	MAYFIELD ELECTRIC AND WATER
13	1043138	36°45'19.20"N	88°39'36.80"W	MELVIN SHOLAR
14	1223176	36°45'23.00"N	88°39'36.10"W	CROWN CASTLE SOUTH LLC
16	1018328	36°45'9.00"N	88°29'58.00"W	SUN MEDIA/ WRIK RADIO
17	1317446	36°46'38.00"N	88°36'52.80"W	VERTICAL BRIDGE DEVELOPMENT
18	1222179	36°45'51.90"N	88°38'42.50"W	SBA PROPERTIES LLC
19	1261078	36°46'0.10"N	88°38'51.90"W	KENTUCKY RSA NO. 1 PARTNERSHIP
20	1266082	36°47'54.50"N	88°30'22.20"W	SBA TOWERS III, LLC
21	1215910	36°50'15.70"N	88°40'2.50"W	SBA PROPERTIES LLC
22	1044824	36°51'17.00"N	88°39'40.00"W	KY COMMONWEALTH - EMERGENCY
23	1314081	36°51'39.00"N	88°31'7.00"W	KENTUCKY RSA NO. 1 PARTNERSHIP
24	1201350	36°53'8.00"N	88°40'29.00"W	WEST KY RURAL TELEPHONE
25	1213964	36°53'53.30"N	88°40'32.20"W	CROWN CASTLE SOUTH LLC
26	1287188	36°55'12.80"N	88°32'2.20"W	KENTUCKY RSA NO. 1 PARTNERSHIP
27	1305782	36°55'7.10"N	88°30'26.80"W	TILLMAN INFRASTRUCTURE, LLC
28	1223623	36°55'55.20"N	88°39'19.10"W	PINNACLE TOWERS ACQ., LLC
NEW	TBD	36°37'56.30"N	88°33'22.18"W	APC TOWERS





### Archive Search Results Form 7460-1 for ASN 2023-ASO-30268-OE

Overview							
<b>Study (ASN):</b>	2023-ASO-30268-OE	<b>Received Date:</b>	11/03/2023				
<b>Prior Study:</b>		<b>Entered Date:</b>	11/03/2023				
<b>Status:</b>	Determined	<b>Completion Date:</b>	12/13/2023				
<b>Letters:</b>	<a href="#">Determination</a>	<b>Expiration Date:</b>	06/13/2025				
<b>Supplemental Form 7460-2:</b> Please <a href="#">login</a> to add a Supplemental Form 7460-2.		<b>Map:</b>	<a href="#">View Map</a>				
Sponsor Information			Sponsor's Representative Information				
<b>Sponsor:</b>	APC Towers	<b>Representative:</b>	APC Towers, LLC				
<b>Attention Of:</b>	Jonathan Greene	<b>Attention Of:</b>	Jonathan Greene				
<b>Address:</b>	8601 Six Forks Rd	<b>Address:</b>	8601 Six Forks Road				
<b>Address2:</b>	Suite 250	<b>Address2:</b>	Suite 250				
<b>City:</b>	Raleigh	<b>City:</b>	RALEIGH				
<b>State:</b>	NC	<b>State:</b>	NC				
<b>Postal Code:</b>	27615	<b>Postal Code:</b>	27615				
<b>Country:</b>	US	<b>Country:</b>	US				
<b>Phone:</b>	704-724-8382	<b>Phone:</b>	919-249-7732				
<b>Fax:</b>		<b>Fax:</b>					
Construction Info			Structure Summary				
<b>Notice Of:</b>	CONSTR	<b>Structure Type:</b>	Antenna Tower				
<b>Duration:</b>	PERM (Months: 0 Days: 0)	<b>Structure Name:</b>	KY-1754 EV Sedalia				
<b>Work Schedule:</b>		<b>FCC Number:</b>					
<b>Date Built:</b>							
Structure Details			Height and Elevation				
<b>Latitude (NAD 83):</b>	36° 37' 56.30" N		<b>Proposed</b>	<b>DNE</b>	<b>DET</b>		
<b>Longitude (NAD 83):</b>	88° 33' 22.18" W		<b>Site Elevation:</b>	531			
<b>Horizontal Datum:</b>	NAD 83		<b>Structure Height:</b>	310	0 310		
<b>Survey Accuracy:</b>	1A		<b>Total Height (AMSL):</b>	841	0 841		
<b>Marking/Lighting:</b>	Dual-red and medium intensity						
<b>Other Description:</b>							
<b>Current Marking/Lighting:</b>	N/A Proposed Structure						
<b>Current Marking/Lighting Other Description:</b>							
<b>Name:</b>							
<b>City:</b>	Sedalia						
<b>State:</b>	KY						
<b>Nearest County:</b>	Graves						
<b>Nearest Airport:</b>	M25						
<b>Distance to Structure:</b>	50690.69 feet						
<b>On Airport:</b>	No						
<b>Direction to Structure:</b>	170.5°						
<b>Description of Location:</b>	See survey						
<b>Description of Proposal:</b>	Proposed new antenna tower						
			Frequencies				
			Low Freq	High Freq	Unit	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	824	MHz	500	W
			806	901	MHz	500	W
			824	849	MHz	500	W
			851	866	MHz	500	W
			869	894	MHz	500	W
			896	901	MHz	500	W
			901	902	MHz	7	W
			929	932	MHz	3500	W
			930	931	MHz	3500	W
			931	932	MHz	3500	W
			932	932.5	MHz	17	dBW
			935	940	MHz	1000	W
			940	941	MHz	3500	W

1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W
3700	3980	MHz	3280	W
3700	3980	MHz	1640	W

Previous [Back to Search Result](#) Next



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

Aeronautical Study No.  
 2023-ASO-30268-OE

Issued Date: 12/13/2023

Jonathan Greene  
 APC Towers  
 8601 Six Forks Rd  
 Suite 250  
 Raleigh, NC 27615

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

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

Structure: Antenna Tower KY-1754 EV Sedalia  
 Location: Sedalia, KY  
 Latitude: 36-37-56.30N NAD 83  
 Longitude: 88-33-22.18W  
 Heights: 531 feet site elevation (SE)  
 310 feet above ground level (AGL)  
 841 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 06/13/2025 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 2023-ASO-30268-OE.

**Signature Control No: 603738068-607094841**

Angelique Eersteling  
Technician

( DNE )

Attachment(s)  
Additional Information  
Case Description  
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.

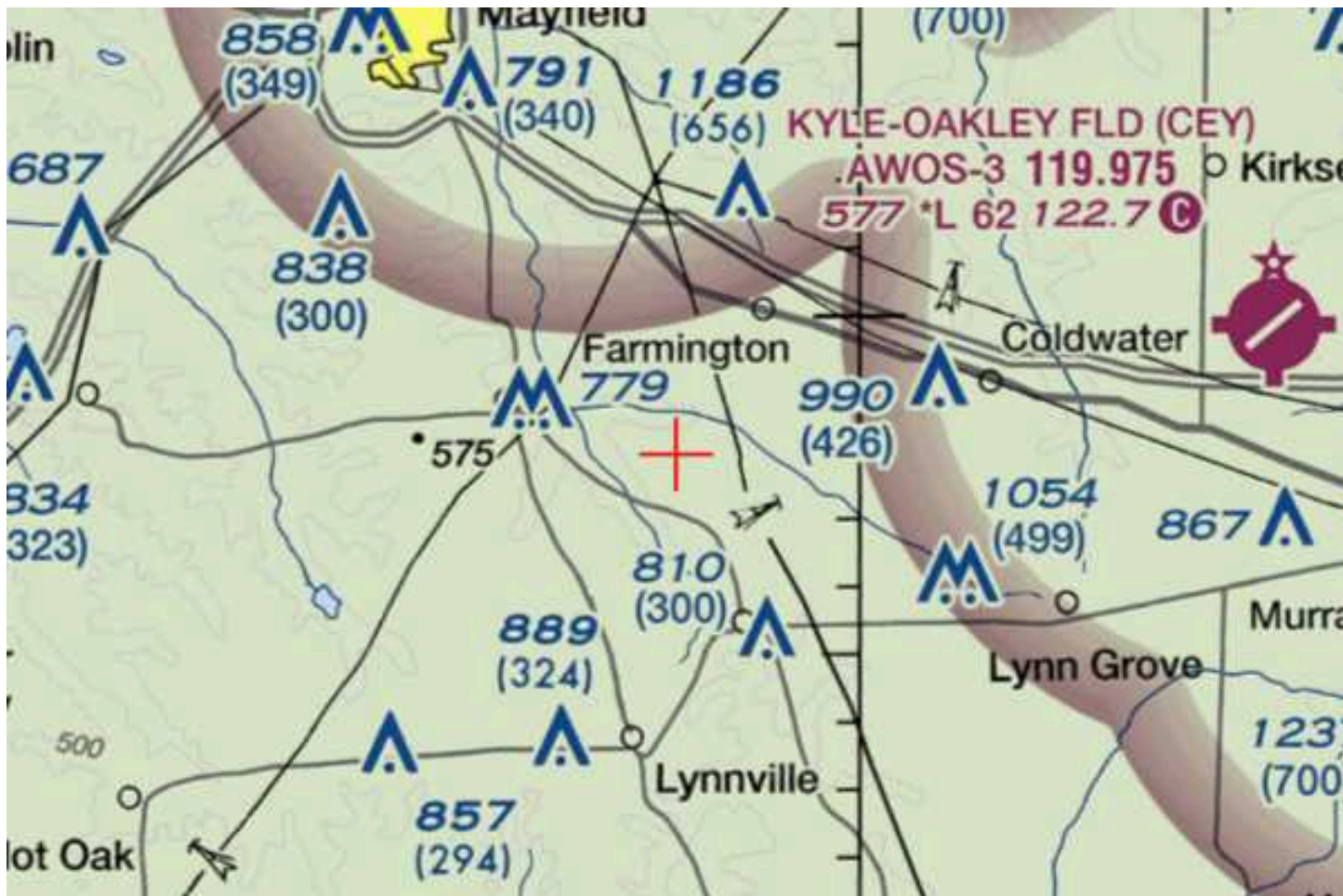
Proposed new antenna tower



**Frequency Data for ASN 2023-ASO-30268-OE**

<b>LOW FREQUENCY</b>	<b>HIGH FREQUENCY</b>	<b>FREQUENCY UNIT</b>	<b>ERP</b>	<b>ERP UNIT</b>
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	824	MHz	500	W
806	901	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W
3700	3980	MHz	3280	W
3700	3980	MHz	1640	W





## **APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

### **JURISDICTION**

602 KAR 50:030

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

- (1) 100 to one (1) for a horizontal distance of 20,000 feet from the nearest point of the nearest runway of each public use airport and military airport with at least one (1) runway 3,200 feet or more in length; or
- (2) fifty (50) to one (1) for a horizontal distance of 10,000 feet from the nearest point of the nearest runway of each public use and military airport with its longest runway less than 3,200 feet in length.

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

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

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

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

### **INSTRUCTIONS**

1. "Alteration" means to increase or decrease the height of a structure or change the obstruction marking and lighting.
2. "Applicant" means the person who will own or have control over the completed structure.
3. "Certification by Applicant" shall be made by the individual who will own or control the completed structure; or a partner in a partnership; or the president or authorized officer of a corporation company, or association; or the authorized official of a body politic; or the legally designated representative of a trustee, receiver, or assignee.
4. Prepare the application and forward to the Kentucky Dept. of Aviation, ATTN: Airport Zoning Commission, 90 Airport Drive, Frankfort KY 40601. For questions, telephone 502-782-4043.
5. The statutes applicable to the Kentucky Airport Commission are KRS 183.861 to 183.990 and the administrative regulations are 602 KAR Chapter 50.
6. When applicable, attach the following appendices to the application:

Appendix A. A 7.5 minute quadrangle topographical map prepared by the U.S. Geological Survey and the Kentucky Geological Survey with the exact location of the structure which is the subject of the application indicated thereon. (*The 7.5 minute quadrangle map may be obtained from the Kentucky Geological Survey, Department of Mines and Minerals, Lexington, KY 40506.*)

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

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

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

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

### **PENALTIES**

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



KENTUCKY TRANSPORTATION CABINET  
KENTUCKY AIRPORT ZONING COMMISSION

TC 55-2  
Rev. 06/2020  
Page 2 of 2

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

<b>APPLICANT (name)</b> Jonathan Greene		<b>PHONE</b> 919-324-1922	<b>FAX</b>	<b>KY AERONAUTICAL STUDY #</b>	
<b>ADDRESS (street)</b> 8601 Six Forks Rd Suite 250		<b>CITY</b> Raleigh		<b>STATE</b> NC	<b>ZIP</b> 27615
<b>APPLICANT'S REPRESENTATIVE (name)</b> Jonathan Greene		<b>PHONE</b> 704-724-8382	<b>FAX</b>		
<b>ADDRESS (street)</b> 8601 Six Forks Rd Suite 250		<b>CITY</b> Raleigh		<b>STATE</b> NC	<b>ZIP</b> 27615
<b>APPLICATION FOR</b> <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing				<b>WORK SCHEDULE</b>	
<b>DURATION</b> <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days )				Start 4/2024 End 8/2024	
<b>TYPE</b> <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other		<b>MARKING/PAINTING/LIGHTING PREFERRED</b> <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input checked="" type="checkbox"/> Dual- red & medium intensity white <input type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other			
<b>LATITUDE</b> 36°37'56.30"		<b>LONGITUDE</b> 88°33'22.18"		<b>DATUM</b> <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
<b>NEAREST KENTUCKY</b> City Sedalia County Graves		<b>NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT</b> M25 MAYFIELD GRAVES COUNTY			
<b>SITE ELEVATION (AMSL, feet)</b> 531		<b>TOTAL STRUCTURE HEIGHT (AGL, feet)</b> 310		<b>CURRENT (FAA aeronautical study #)</b> 2023-ASO-30268-OE	
<b>OVERALL HEIGHT (site elevation plus total structure height, feet)</b> 841				<b>PREVIOUS (FAA aeronautical study #)</b>	
<b>DISTANCE (from nearest Kentucky public use or Military airport to structure)</b> 8.34 miles				<b>PREVIOUS (KY aeronautical study #)</b>	
<b>DIRECTION (from nearest Kentucky public use or Military airport to structure)</b> Heading of 170.5° NNW					
<b>DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.)</b> 1A Letter attached					
<b>DESCRIPTION OF PROPOSAL</b> Proposed New Antenna Tower					
<b>FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?)</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? 11/03/2023					
<b>CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)</b>					
<b>PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)</b>					
<b>NAME</b> Jonathan Greene	<b>TITLE</b> Director	<b>SIGNATURE</b> <i>Jonathan Greene</i>		<b>DATE</b> 1/24/2024	
<b>COMMISSION ACTION</b>		<input type="checkbox"/> Chairperson, KAZC <input type="checkbox"/> Administrator, KAZC			
<input type="checkbox"/> Approved	<b>SIGNATURE</b>			<b>DATE</b>	
<input type="checkbox"/> Disapproved					



# DELTA OAKS GROUP

## GEOTECHNICAL INVESTIGATION REPORT

January 10, 2024

Prepared For:

TeleCAD Wireless



**EV Sedalia  
KY-1754**

**Proposed 300-Foot Self-Supporting Tower**

KY-339, Sedalia (Graves County), Kentucky 42073  
Latitude N 36° 37' 56.30" Longitude W 88° 33' 22.18"

Delta Oaks Group Project GEO23-20580-08  
Revision 0

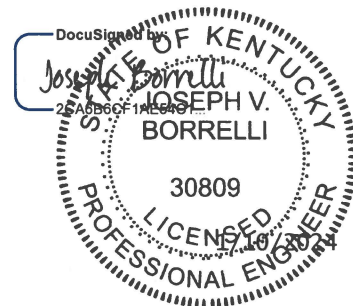
[geotech@deltaoaksgroup.com](mailto:geotech@deltaoaksgroup.com)

Performed By:

Sarah C. Russek, P.E.

Reviewed By:

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





# **DELTA OAKS GROUP**

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## **INTRODUCTION**

This geotechnical investigation report has been completed for the proposed 300-foot self-supporting tower located at KY-339 in Sedalia (Graves 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 in an open, grass field exhibiting a generally flat topography across the tower compound and subject property.

## **REFERENCES**

- Civil Drawings, prepared by TeleCAD, dated September 5, 2023
- 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 49.8 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 immediate surrounding area can be found in the Appendix.



## **DELTA OAKS GROUP**

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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, poorly graded sand with clay, and clayey gravel. The materials ranged from a medium dense to very dense relative density and a soft to very stiff consistency.

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

#### ***ROCK***

Rock was not encountered during the subsurface field investigation.

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

Subsurface water was not encountered during the subsurface investigation. 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 Graves County, Kentucky is 20 inches (1.7 feet).

#### ***CORROSIVITY***

Soil resistivity was performed in accordance with ASTM G187 with a test result of 7,100 ohm-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 shallow foundation or drilled shaft foundation for the proposed structure. 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 - 3.0	CL	105	0	300
	3.0 - 6.0	CL	120	0	800
	6.0 - 8.0	CL	120	0	1,600
	8.0 - 13.0	CL	120	0	1,000
	13.0 - 18.0	CL	120	0	1,300
	18.0 - 23.0	SP-SC	115	31	0
	23.0 - 33.0	SP-SC	115	30	0
	33.0 - 38.0	SP-SC	120	34	0
	38.0 - 43.0	GC	125	37	0
	43.0 - 48.0	GC	130	42	0
	48.0 - 50.0	GC	130	45	0

- 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 – SHALLOW FOUNDATION

Boring	Dimensions (feet)	Depth (feet bgs)	Net Ultimate Bearing Capacity (psf)
B-1	5.0 x 5.0	3.0	2,070
		4.0	5,720
		5.0	5,920
		6.0	6,120
	10.0 x 10.0	3.0	1,960
		4.0	5,330
		5.0	5,430
		6.0	5,530
	15.0 x 15.0	3.0	1,920
		4.0	5,200
		5.0	5,260
		6.0	5,330
	20.0 x 20.0	3.0	1,910
		4.0	5,130
		5.0	5,180
		6.0	5,230
	25.0 x 25.0	3.0	1,890
		4.0	5,090
		5.0	5,130
		6.0	5,170

- Delta Oaks Group recommends the foundation bear a minimum of 3.0 feet bgs.
- A sliding friction factor of 0.35 can be utilized along the base of the proposed foundation.
- An Ultimate Passive Pressure Table with a reduction due to frost penetration to a depth of 1.7 feet bgs is presented on the following page.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.



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## ULTIMATE PASSIVE PRESSURE VS. DEPTH - TOWER FOUNDATION

Soil Layers (feet)		Moist Unit Weight	Phi Angle	Cohesion	PV	KP	Ph
Top	0.0	105	0	300	0.00	1.00	300.00
Bottom	1.7	105	0	300	178.50	1.00	389.25
Top	1.7	105	0	300	178.50	1.00	778.50
Bottom	3.0	105	0	300	315.00	1.00	915.00
Top	3.0	120	0	800	315.00	1.00	1915.00
Bottom	6.0	120	0	800	675.00	1.00	2275.00
Top	6.0	120	0	1600	675.00	1.00	3875.00
Bottom	8.0	120	0	1600	915.00	1.00	4115.00
Top	8.0	120	0	1000	915.00	1.00	2915.00
Bottom	10.0	120	0	1000	1155.00	1.00	3155.00



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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	9,410	430	430
	6.0 - 8.0	9,630	880	880
	8.0 - 13.0	6,780	550	550
	13.0 - 18.0	3,550	710	710
	18.0 - 23.0	6,180	720	540
	23.0 - 28.0	8,970	970	730
	28.0 - 33.0	15,480	1,140	860
	33.0 - 38.0	31,010	1,260	940
	38.0 - 43.0	52,040	1,460	1,090
	43.0 - 48.0	58,560	1,630	1,220
48.0 - 50.0	58,520	1,720	1,290	

- 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.



## **DELTA OAKS GROUP**

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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.



## DELTA OAKS GROUP

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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.



## **DELTA OAKS GROUP**

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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 TeleCAD Wireless. 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**





# DELTA OAKS GROUP

## BORING PLAN





DIRECTIONS FROM GRAVES COUNTY COURTHOUSE:

HEAD EAST ON BARTON DR TOWARD BABB DR (0.2 MI). TURN RIGHT ONTO S COMMONWEALTH DR (394 FT). TURN LEFT, THEN IMMEDIATELY TURN RIGHT ONTO KY-121/ S CASTLEMAN BYP (0.6 MI). KEEP STRAIGHT TO GET ONTO KY-97/ STATE ROUTE 97 (5.6 MI). TURN LEFT ONTO KY-339/ KY-97/ STATE ROUTE 339 E (0.4 MI). KEEP LEFT TO GET ONTO KY-339/ STATE ROUTE 339 E (2.7 MI). THE DESTINATION WILL BE ON THE RIGHT.

Prepared by Telecad Wireless 423-843-9500

**This Instrument prepared by and after recording return to:**  
**Kentucky RSA No. 1 Partnership d/b/a Verizon Wireless**  
**c/o Coots Henke & Wheeler, P.C.**  
**255 E. Carmel Drive**  
**Carmel, IN 46032**  
**Attn: Daniel E. Coots, Esq.** *D. Coots*

**VzW Site Name: EV Sedalia**  
**Location Code: 721758 /MDG # 5000906237**

STATE OF KENTUCKY  
COUNTY OF GRAVES

Prior Deed References: Will Book A-2, Page 347 in Office of Clerk of Graves County, Kentucky

**MEMORANDUM OF LAND LEASE AGREEMENT**

This Memorandum of Land Lease Agreement is made this 14<sup>th</sup> day of June, 2013, between **Jesse Perry and Kristina Perry**, Husband and Wife, and having a mailing address of 1645 Scott Road, Sedalia, KY 42079, hereinafter designated LESSOR, and **Kentucky RSA No. 1 Partnership d/b/a Verizon Wireless**, with its principal offices at One Verizon Way, Mailstop 4AW100, Basking Ridge, NJ 07920, hereinafter designated LESSEE.

1. LESSOR and LESSEE entered into a certain Land Lease Agreement ("Lease") dated June 14, 2013. Such Lease has an initial term of five (5) years which shall be automatically extended for four (4) additional five (5) year terms, unless LESSEE terminates the Lease in accordance with the terms thereof.

2. In consideration of the rental set forth in the Lease, LESSOR hereby leases to LESSEE certain ground space area consisting of approximately 100' x 100', or 10,000 square feet, for the construction and maintenance of LESSEE's telecommunications facility upon that certain real estate located approximately at approximately KY 339, Sedalia, Kentucky 42079 (Graves County), with a legal description attached as Exhibit A ("Property"), together with the non-exclusive right for ingress and egress, access, and utility easements.

3. The term of the Lease shall commence the first (1<sup>st</sup>) day of the month after LESSEE begins construction of LESSEE's telecommunications facility. A copy of the Lease is on file in the office

**MEMORANDUM OF LAND LEASE AGREEMENT CONTINUED**

of the LESSOR and LESSEE.

4. The terms, covenants and provisions of the Lease of which this is a Memorandum, shall extend to and be binding upon the respective executors, administrators, heirs, successors and assigns of LESSOR and LESSEE, including but not limited to any rights of first refusal to purchase the Premises/Property during any given Term of the Lease.

5. The purpose of this Memorandum is to give record notice of the Lease and of the rights created thereby, all of which are hereby confirmed. In the event of a conflict between the terms of this Memorandum and the terms of the Lease, the terms of the Lease shall prevail.

**[the remainder of this page is intentionally left blank]**

**MEMORANDUM OF LAND LEASE AGREEMENT CONTINUED**

IN WITNESS WHEREOF, hereunto and to a duplicate hereof, LESSOR and LESSEE have caused this Memorandum to be duly executed on June 14, 2013.

**LESSEE:**

**KENTUCKY RSA NO. 1 PARTNERSHIP**

**By: Cellco Partnership d/b/a Verizon Wireless,  
Its General Partner**

By: EM  
Printed: **Ed Maher**  
Title: **Director - Network Field Engineering**

Address: One Verizon Way, Mailstop 4AW100  
Basking Ridge, NJ 07920

Date: 6/14/13

**LESSEE NOTARY BLOCK:**

STATE OF Michigan COUNTY OF Oakland

The foregoing instrument was acknowledged before me this 14th day of June, 2013, by Ed Maher, Director Network Field Engineering (Title) of Kentucky RSA No. 1 Partnership d/b/a Verizon Wireless, who is personally known to me.

NOTARIAL SEAL

My commission expires: 5/10/2007

Barbara Madigan Evans  
(OFFICIAL NOTARY SIGNATURE)  
NOTARY PUBLIC—STATE OF Michigan  
Barbara Madigan Evans  
(NAME OF NOTARY)  
COMMISSION NUMBER: \_\_\_\_\_

**BARBARA MADIGAN EVANS**  
Notary Public, State of Michigan  
County of Oakland  
My Commission Expires 05-10-2027  
Acting in the County of \_\_\_\_\_

MEMORANDUM OF LAND LEASE AGREEMENT CONTINUED

LESSOR:

[Signature]  
Jesse Perry

[Signature]  
Kristina Perry

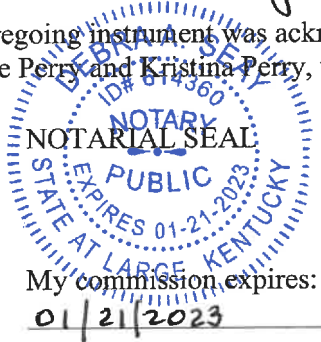
Date: 12/28/22

LESSOR NOTARY BLOCK:

STATE OF Kentucky

COUNTY OF Graves

The foregoing instrument was acknowledged before me this 29 day of December, 2022, by Jesse Perry and Kristina Perry, who are personally known to me.



[Signature]  
(OFFICIAL NOTARY SIGNATURE)  
NOTARY PUBLIC—STATE OF Kentucky

Debbie A. Seay  
(NAME OF NOTARY)  
COMMISSION NUMBER: 614360

"I, affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, unless required by law."

[Signature]  
Jennifer J. Joubert

LODGED ON: 6-23-2023 11:00am  
COUNTY CLERK: KIMBERLY D. GILLS  
COUNTY: GRAVES  
RECORDED ON: 6-26-2023  
BOOK Mis 22 PAGE 274  
BY: am-bee D.C.

**EXHIBIT A**  
**Legal Description**

**Property located in Graves County, Kentucky**

**TRACT I:**

**The lot herein conveyed is more fully described as beginning at the Northwest corner of the Northwest quarter of Sec 21 T 2 R 2 East; thence N 86 ½ E. 80 1/3 poles to a stake; thence S 3 ½ E 45 poles to a stake; thence S 86 ½ W 80 ¼ poles; thence to the beginning, containing 22 ½ acres, more or less.**

**TRACT II:**

**Being 46 and 2/3 acres of land, more or less, off of the side of the Northeast quarter of Section 20, T 2 R 2 E, and bounded as follows: on the North by the lands of S.G. Bagwell and R.J. Wilford; on the East by the land of Ruth Wilford; on the South by the land of Pat Owens; and on the West by the land of J.J. Webb.**

**EXCEPT: Being 40 acres of land, more or less, off of the West end of a certain 48 acre tract of land in the Northeast and Northwest Quarters of Sec T 2 R 2 E and described as beginning at the Northeast corner of said Section 20; thence South 84 degrees 15' W 2732 feet to a stake; thence South 5 degrees 45' E 765.5 feet to a stake; thence North 84 degrees 15' E 2732 feet to a stake; thence North 5 degrees 45' W 765.5 feet to the beginning.**

**AND BEING the same property conveyed to Jesse Perry and Kristina Perry from Estate of Joyce Dean Cates, by and through its Executrix, Julie Cates Pittman by General Warranty Deed dated February 22, 2019 and recorded February 25, 2019 in Deed Book 521, Page 812.**

**Tax Parcel Nos. 124.00.00.037.00 and 124.00.00.039.00**



Notification List with Screen Shot Verification

Parcel 124.00.00.039.00  
 PERRY JESSE & KRISTINA  
 1645 SCOTT RD  
 SEDALIA, KY 42079

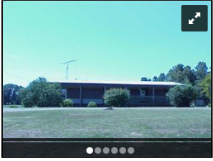
**qPublic.net** Graves County, KY PVA Elizabeth Williams Search search...

Layers Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator Home


**Summary**

Parcel Number: 124.00.00.039.00  
 Account Number: 380198  
 Location Address: 4483 ST RT 339 E  
 Description: 3 MFG HOMES, BUILDING & 22.5 ACRES (124-8A)  
(Note: Not to be used on legal documents)  
 Class: FARM (20)  
 Tax District: 02 Graves County


[View Map](#)



**Information**



Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



**Ownership**

PERRY JESSE & KRISTINA  
 1645 SCOTT RD  
 SEDALIA, KY 42079

**Land Characteristics**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	29.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	No
Lot Sq Ft	1263240	Sidewalks	No
Shape		Information Source	

Parcel 124.00.00.042.00  
 JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

**qPublic.net** Graves County, KY PVA Elizabeth Williams Search search...


Layers Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator Home

**Summary**


Parcel Number: 124.00.00.042.00  
 Account Number: 380201  
 Location Address: N/A  
 Description: 16 ACRES (124-8C)  
(Note: Not to be used on legal documents)  
 Class: FARM (20)  
 Tax District: 02 Graves County

[View Map](#)

**Information**



Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



**Ownership**

JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

**Land Characteristics**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	No
Block		Electric	No
Acres	0.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	No
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	

**Tax Roll Information**

Parcel 124.00.00.043.00  
 JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

**qPublic.net** Graves County, KY PVA Elizabeth Williams Search search...

Layers Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator Home

**Summary**

Parcel Number: 124.00.00.043.00  
 Account Number: 330202  
 Location Address: N/A  
 Description: 50 ACRES(124-10)  
 (Note: Not to be used on legal documents)  
 Class: FARM (20)  
 Tax District: 02 Graves County

[View Map](#)

**Ownership**

JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

**Land Characteristics**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	

**Tax Roll Information**

	Working Value	Certified Value
Land Value	\$37,000	\$37,000

**Information**



Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



Property Valuation Administrator  
 Lee Martin

Parcel 124.00.00.040.00  
 JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

**qPublic.net** Graves County, KY PVA Elizabeth Williams Search search...

Layers Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator Home

**Summary**

Parcel Number: 124.00.00.040.00  
 Account Number: 330199  
 Location Address: 4656 ST RT 339 E  
 Description: HOUSE & 2 ACRES (124-88)  
 (Note: Not to be used on legal documents)  
 Class: RESIDENTIAL (10)  
 Tax District: 02 Graves County

[View Map](#)

**Ownership**

JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079


**Land Characteristics**

Condition	Good	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	Yes
Acres	2.00	Water	Yes
Front	214	Gas	Yes
Depth	264	Sewer	Yes
Lot Size	214x264	Road	2 Lane
Lot Sq Ft	87120	Sidewalks	No
Shape		Information Source	


**Tax Roll Information**

	Working Value	Certified Value
Land Value		

**Information**



Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



Property Valuation Administrator  
 Lee Martin  
 270-247-3301

Parcel 140.00.00.001.00  
 JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

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Layers Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator Home

**Summary**

Parcel Number: 140.00.00.001.00  
 Account Number: 382165  
 Location Address: N/A  
 Description: 7 ACRES(140-268)  
 (Note: Not to be used on legal documents)  
 Class: FARM (20)  
 Tax District: 02 Graves County

[View Map](#)

**Ownership**

JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079



**Land Characteristics**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	


**Tax Roll Information**

	Working Value	Certified Value

**Information**

Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



Property Valuation Administrator  
 Lee Martin

Parcel 141.00.00.060.00  
 JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

**qPublic.net** Graves County, KY PVA Elizabeth Williams Search search...

Layers Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator Home

**Summary**

Parcel Number: 141.00.00.060.00  
 Account Number: 382295  
 Location Address: N/A  
 Description: 60 ACRES(141-7)  
 (Note: Not to be used on legal documents)  
 Class: FARM (20)  
 Tax District: 02 Graves County

[View Map](#)

**Ownership**

JETTON MALCOLM T & NAOMI  
 4656 STATE RT 339 E  
 SEDALIA, KY 42079

**Land Characteristics**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	

**Tax Roll Information**

	Working Value	Certified Value
+ Land Value	\$49,000	\$49,000

**Information**




Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



Property Valuation Administrator  
 Lee Martin

Parcel 124.00.00.038.00  
 JONES DALE & TIPPI  
 726 DR MELVIN RD  
 SEDALIA, KY 42079

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Layers Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator Home

**Summary**

Parcel Number 124.00.00.038.00  
 Account Number 380197  
 Location Address N/A  
 Description 20 ACRES (124-9)  
(Note: Not to be used on legal documents)  
 Class FARM (20)  
 Tax District 02 Graves County

[View Map](#)

**Ownership**

JONES DALE & TIPPI  
 726 DR MELVIN RD  
 SEDALIA, KY 42079

**Land Characteristics**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	

**Tax Roll Information**

	Working Value	Certified Value
Land Value	\$13,000	\$13,000
Improvement Value	\$0	\$0

**Information**



Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



Property Valuation  
 Administrator  
 Lee Martin  
 270-247-1111

Parcel 124.00.00.032.00  
 JONES DALE & TIPPI  
 726 DR MELVIN RD  
 SEDALIA, KY 42079

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**Summary**

Parcel Number 124.00.00.032.00  
 Account Number 380191  
 Location Address N/A  
 Description 48 ACRES(124-12B-1)  
(Note: Not to be used on legal documents)  
 Class FARM (20)  
 Tax District 02 Graves County

[View Map](#)

**Ownership**

JONES DALE & TIPPI  
 726 DR MELVIN RD  
 SEDALIA, KY 42079


**Land Characteristics**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	


**Tax Roll Information**

	Working Value	Certified Value
Land Value		
Improvement Value		

**Information**



Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066



Property Valuation  
 Administrator  
 Lee Martin  
 270-247-3301

Parcel 124.00.00.037.00  
 PERRY JESSE & KRISTINA  
 1645 SCOTT RD  
 SEDALIA, KY 42079

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Elizabeth Williams Search search\_

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Information

**Summary**

Parcel Number 124.00.00.037.00  
 Account Number 380196  
 Location Address N/A  
 Description 6.4 ACRES(124-10B)  
 (Note: Not to be used on legal documents)  
 Class FARM (20)  
 Tax District 02 Graves County  
[View Map](#)

**Ownership**

PERRY JESSE & KRISTINA  
 1645 SCOTT RD  
 SEDALIA, KY 42079

**Land Characteristics**

Condition	Topography	Information Source
Plat Book/Page	Drainage	Not Used
Subdivision	Flood Hazard	
Lot	Zoning	
Block	Electric	No
Acres 0.00	Water	No
Front 0	Gas	No
Depth 0	Sewer	No
Lot Size 0x0	Road	
Lot Sq Ft 0	Sidewalks	No
Shape	Information Source	

**Tax Roll Information**

	Working Value	Certified Value
Land Value	\$2,600	\$2,600

Graves County, KY  
 1102 Paris Rd, Suite 2  
 Mayfield, KY 42066

Property Valuation Administrator



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

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

February 5, 2024

**Notice of Proposed Construction of  
Wireless Communications Facility  
Site Name: Sedalia**

Cellco Partnership, d/b/a Verizon Wireless and APC Towers propose to construct a wireless communications facility the south side of KY HWY 336, west of Eagle Road, Sedalia, KY 42079. (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"). The proposed facility will include a 300-foot tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Sedalia. This facility is needed to provide improved coverage for wireless communications in the area.

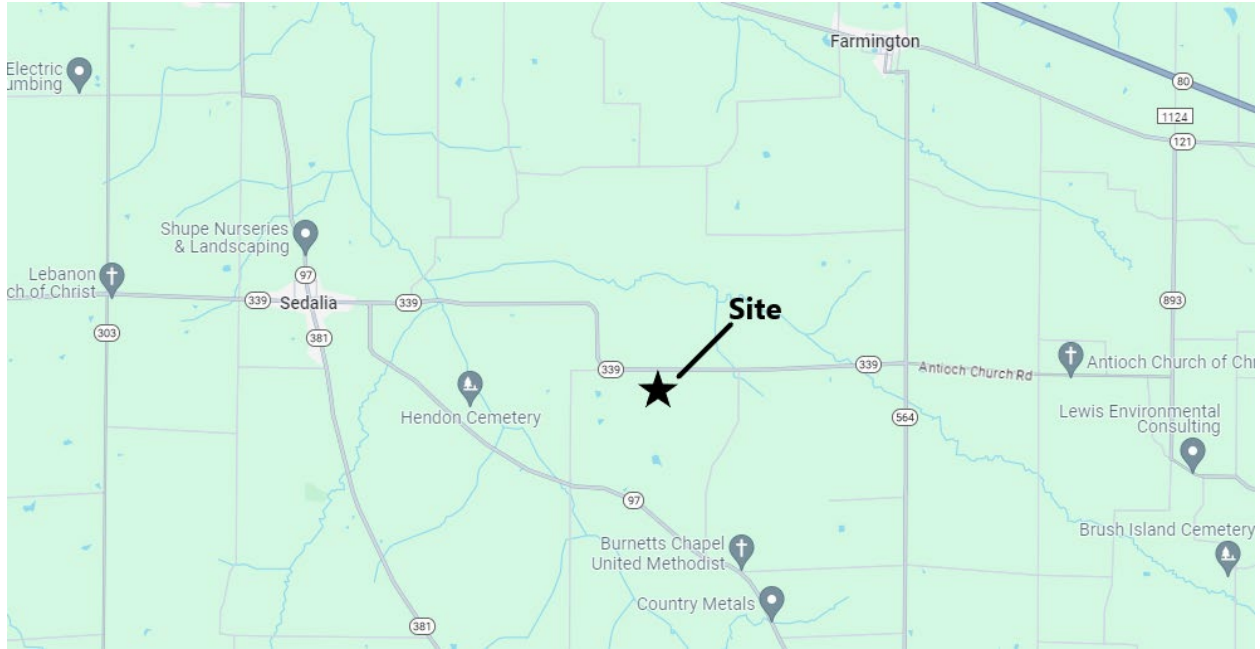
This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact 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 2024-00019 in any correspondence sent in connection with this matter.

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

Sincerely,  
Russell L. Brown

Attorney for Applicant  
RLB/mnw  
enclosure

# Location Map



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



9589 0710 5270 1623 2621 31

PERRY JESSE & KRISTINA  
1645 SCOTT RD  
SEDALIA, KY 42079

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726 DR MELVIN RD  
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- Registered Mail Restricted Delivery
- Signature Confirmation™
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March 2, 2024

### Arrived at USPS Regional Facility

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February 27, 2024, 1:04 pm

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[FAQs](#)



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

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

February 14, 2024

**Corrected**  
**Notice of Proposed Construction of**  
**Wireless Communications Facility**  
**Site Name: Sedalia**

Cellco Partnership, d/b/a Verizon Wireless and APC Towers propose to construct a wireless communications facility the south side of KY HWY 339, west of Eagle Road, Sedalia, KY 42079. (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"). The proposed facility will include a 300-foot tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Sedalia. This facility is needed to provide improved coverage for wireless communications in the area.

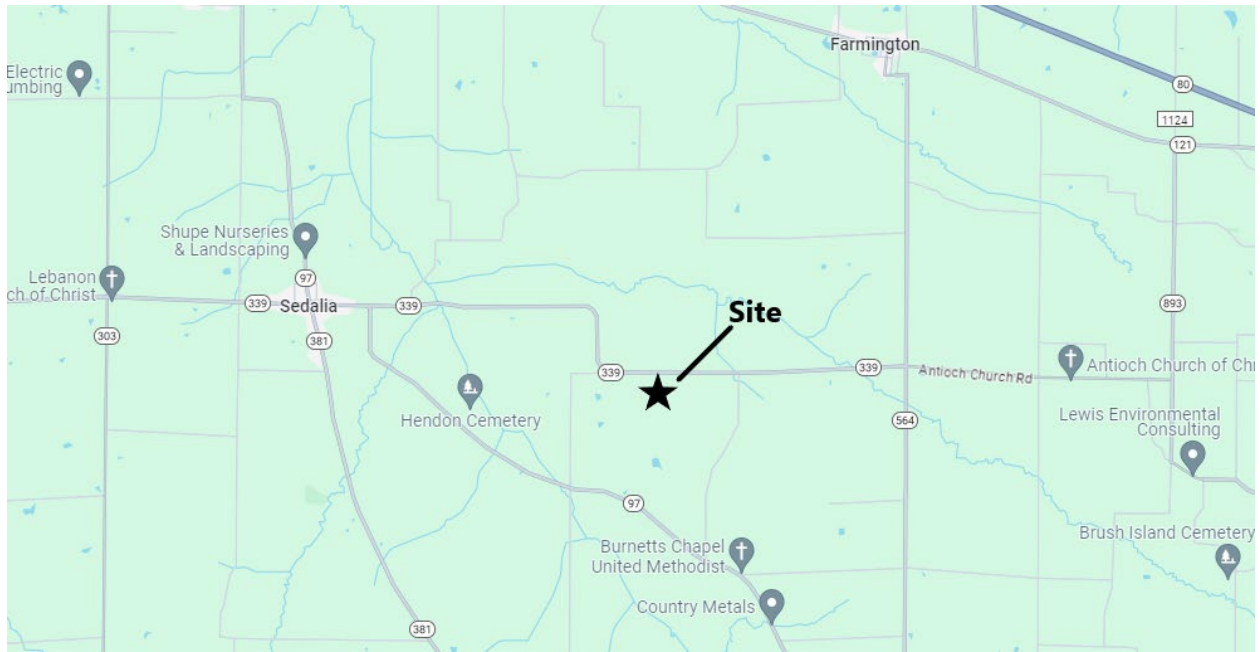
This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact 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 2024-00019 in any correspondence sent in connection with this matter.

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

Sincerely,  
Russell L. Brown

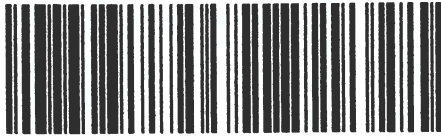
Attorney for Applicant  
RLB/mnw  
enclosure

# Location Map



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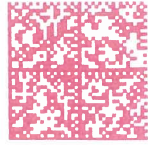
ClarkQuinn  
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PERRY JESSE & KRISTINA  
1645 SCOTT RD  
SEDALIA, KY 42079

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1645 SCOTT RD  
SEDALIA, KY 42079



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**2. Article Number (Transfer from service label)**

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**A. Signature**

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**B. Received by (Printed Name)**

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- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Mail
- Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery



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February 20, 2024

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#### Moving Through Network

**In Transit to Next Facility**

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**Arrived at USPS Regional Facility**

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## Need More Help?

Contact USPS Tracking support for further assistance.

**FAQs**



ClarkQuinn

www.clarkquinnlaw.com

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

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

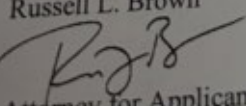
February 14, 2024

**Corrected**  
**Notice of Proposed Construction of**  
**Wireless Communications Facility**  
**Site Name: Sedalia**

Cellco Partnership, d/b/a Verizon Wireless and APC Towers propose to construct a wireless communications facility the south side of KY HWY 339, west of Eagle Road, Sedalia, KY 42079. (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"). The proposed facility will include a 300-foot tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Sedalia. This facility is needed to provide improved coverage for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact 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 2024-00019 in any correspondence sent in connection with this matter.

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

Sincerely,  
Russell L. Brown  
  
Attorney for Applicant  
RLB/mnw  
enclosure



ClarkQuinn

www.clarkquinnlaw.com

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

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

February 5, 2024

*Via Certified Mail, Return Receipt Requested*  
9589 0710 5270 1623 2621 24

Jesse Perry  
Graves County Judge Executive  
101 East South Street  
Mayfield, KY 42066

RE: Notice of Proposal to Construct Wireless Communications Facility  
Kentucky Public Service Commission Docket No. 2024-00019  
Site Name: Sedalia

Dear Judge Perry:

Cellco Partnership, d/b/a Verizon Wireless and APC Towers are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility the south side of KY HWY 336, west of Eagle Road, Sedalia, KY 42079. (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"). The proposed facility will include a 300-foot tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Sedalia. This facility is needed to provide improved coverage for wireless communications in the area.

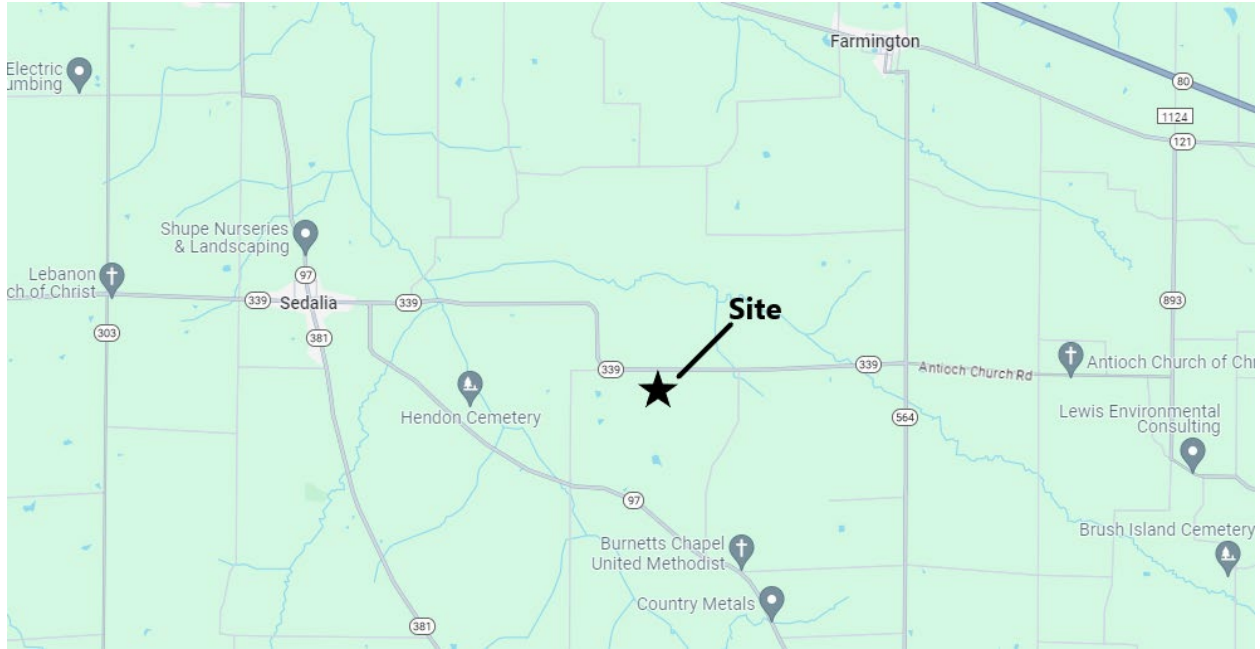
You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00019 in any 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,  
Russell L. Brown

Attorney for Applicant  
RLB/mnw  
Enclosures

# Location Map



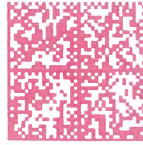
**CERTIFIED MAIL®**

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



9589 0710 5270 1623 2621 24

FIRST-CLASS



US POSTAGE™  
PITNEY BOWES



ZIP 46204 \$ 008.69<sup>0</sup>  
02 7H  
0006035028 FEB 05 2024

Jesse Perry  
Graves County Judge Executive  
101 East South Street  
Mayfield, KY 42066



**ALERT: SEVERE WEATHER CONDITIONS ACROSS THE U.S. MAY DELAY FINAL DELIVERY OF Y...**

# USPS Tracking®

[FAQs >](#)

Tracking Number:

[Remove X](#)

## 9589071052701623262124

[Copy](#)

[Add to Informed Delivery \(https://informedelivery.usps.com/\)](https://informedelivery.usps.com/)

### Latest Update

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Get More Out of USPS Tracking:

**USPS Tracking Plus®**

Feedback

### Moving Through Network

**In Transit to Next Facility**

March 3, 2024

### Arrived at USPS Regional Facility

LOUISVILLE KY DISTRIBUTION CENTER

February 27, 2024, 11:33 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)

**Text & Email Updates**



**USPS Tracking Plus®**



**Product Information**



**See Less** 

Track Another Package

Enter tracking or barcode numbers

## Need More Help?

Contact USPS Tracking support for further assistance.

[FAQs](#)



ClarkQuinn

www.clarkquinnlaw.com

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

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

February 14, 2024

*Via Certified Mail, Return Receipt Requested*  
9589 0710 5270 1623 2624 07

Jesse Perry  
Graves County Judge Executive  
101 East South Street  
Mayfield, KY 42066

RE: Corrected Notice of Proposal to Construct Wireless Communications Facility  
Kentucky Public Service Commission Docket No. 2024-00019  
Site Name: Sedalia

Dear Judge Perry:

Cellco Partnership, d/b/a Verizon Wireless and APC Towers are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility the south side of KY HWY 339, west of Eagle Road, Sedalia, KY 42079. (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"). The proposed facility will include a 300-foot tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Sedalia. This facility is needed to provide improved coverage for wireless communications in the area.

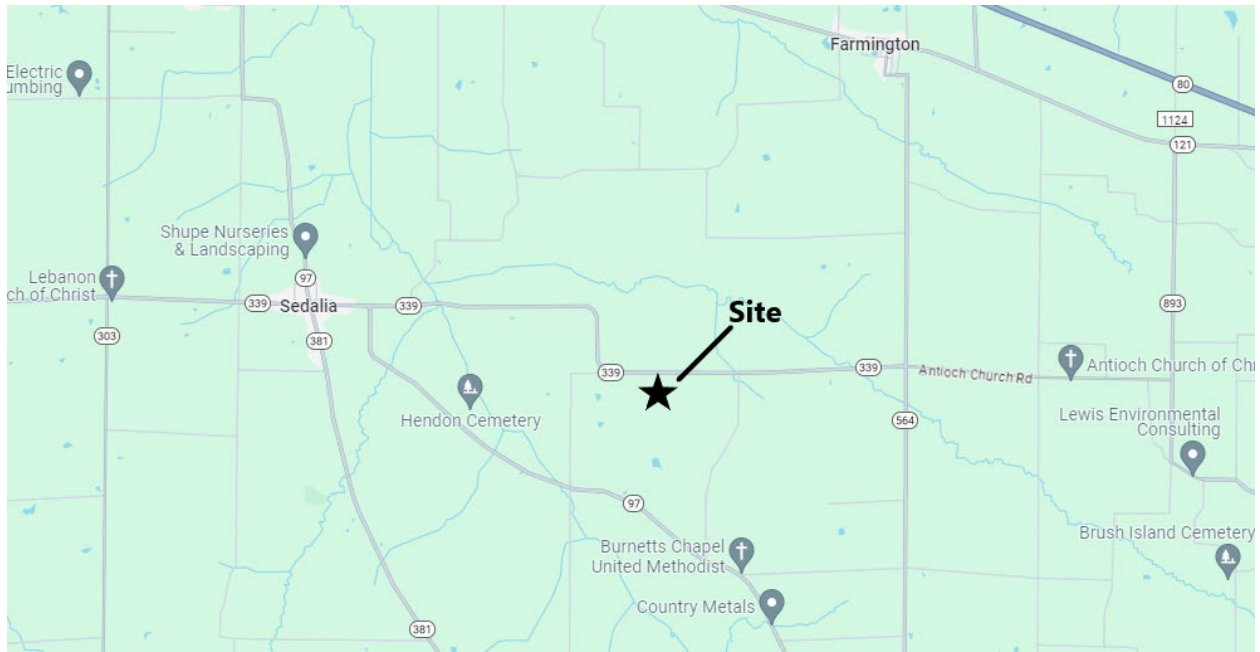
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We have attached a map showing the site location for the proposed tower. Verizon Wireless' radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to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

Sincerely,  
Russell L. Brown

Attorney for Applicant  
RLB/mnw  
Enclosures

# Location Map



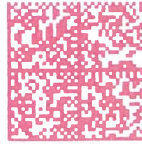
**CERTIFIED MAIL®**

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



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US POSTAGE<sup>TM</sup> PITNEY BOWES

ZIP 46204  
02 7H  
0006035028

**\$ 008.69<sup>0</sup>**

FEB 14 2024

Jesse Perry  
Graves County Judge Executive  
101 East South Street  
Mayfield, KY 42066

**ALERT: SEVERE WEATHER CONDITIONS ACROSS THE U.S. MAY DELAY FINAL DELIVERY OF Y...**

# USPS Tracking®

[FAQs >](#)

Tracking Number:

[Remove X](#)

## 9589071052701623262407

[Copy](#)

[Add to Informed Delivery \(https://informedelivery.usps.com/\)](https://informedelivery.usps.com/)

### Latest Update

Your package is moving within the USPS network and is on track to be delivered to its final destination. It is currently in transit to the next facility.

Get More Out of USPS Tracking:

**USPS Tracking Plus®**

Feedback

### Moving Through Network

**In Transit to Next Facility**

March 2, 2024

### Arrived at USPS Regional Facility

LOUISVILLE KY DISTRIBUTION CENTER

February 25, 2024, 2:15 pm

[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)

**Text & Email Updates**



**USPS Tracking Plus®**



**Product Information**



**See Less** 

Track Another Package

Enter tracking or barcode numbers

## Need More Help?

Contact USPS Tracking support for further assistance.

[FAQs](#)



ClarkQuinn

www.clarkquinnlaw.com

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

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

March 4, 2024

*Via Certified Mail, Return Receipt Requested*  
9589 0710 5270 1623 2624 21

Jesse Perry  
Graves County Judge Executive  
1102 Paris Rd. Suite 2  
Mayfield, KY 42066

RE: Corrected Notice of Proposal to Construct Wireless Communications Facility  
Kentucky Public Service Commission Docket No. 2024-00019  
Site Name: Sedalia

Dear Judge Perry:

Cellco Partnership, d/b/a Verizon Wireless and APC Towers are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility the south side of KY HWY 339, west of Eagle Road, Sedalia, KY 42079. (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"). The proposed facility will include a 300-foot tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Sedalia. This facility is needed to provide improved coverage for wireless communications in the area.

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Sincerely,  
Russell L. Brown

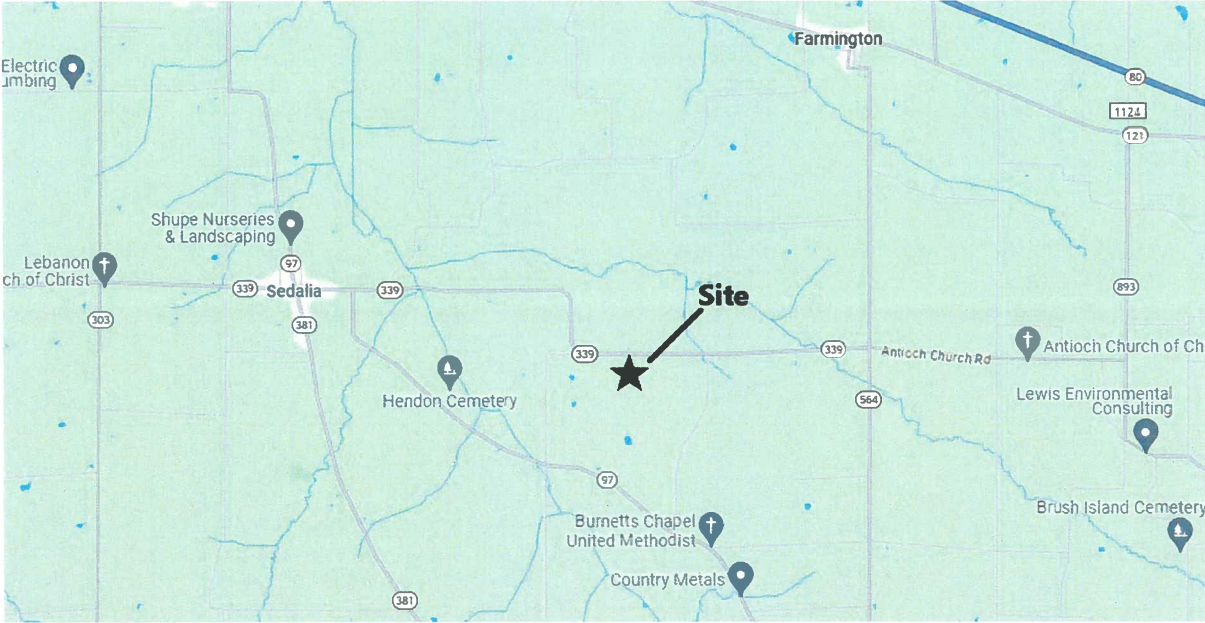
Attorney for Applicant

RLB/mnw

Enclosures



Location Map



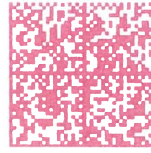
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**ClarkQuinn**  
Clark, Quinn, Moses, Scott & Grahn, LLP



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US POSTAGE<sup>IMP</sup>PITNEY BOWES



ZIP 46204 \$ 008.69<sup>0</sup>  
02 7H  
0006035028 MAR 04 2024

Jesse Perry  
Graves County Judge Executive  
1102 Paris Rd. Suite 2  
Mayfield, KY 42066

## SITE NAME: Sedalia NOTICE SIGNS

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

Cellco Partnership, d/b/a Verizon Wireless and APC Towers propose to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahn, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00019 in your correspondence.

Cellco Partnership, d/b/a Verizon Wireless and APC Towers propose to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahn, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00019 in your correspondence.



Robert B. Scott  
Charles R. Grahn  
Frank D. Otte\*  
John "Bart" Herriman  
William W. Gooden\*\*  
Michael P. Maxwell  
Russell L. Brown\*\*†  
Jennifer F. Perry  
Keith L. Beall  
N. Davey Neal  
Travis W. Cohron  
Maggie L. Sadler  
Kristin A. McIlwain  
Olivia A. Hess

VIA EMAIL: [ggilbert@tribunecourier.com](mailto:ggilbert@tribunecourier.com)

---

Land Use Consultant  
Elizabeth Bentz Williams, AICP

---

Tribune Courier  
86 Commerce Blvd.  
Benton, KY 42025

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

RE: Legal Notice Advertisement  
Site Name: Sedalia

To Whom It May Concern,

Please publish the following legal notice advertisement in the next available edition of the publication serving Graves County, Sedalia, Kentucky:

#### NOTICE

**Cellco Partnership, d/b/a Verizon Wireless and APC Towers propose to construct a wireless communications facility the south side of KY HWY 339, west of Eagle Road, Sedalia, KY 42079. (North Latitude: (36° 37' 56.30", West Longitude 88° 33' 22.18"). The proposed facility will include a 300-foot tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Sedalia. 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 2024-00019 in any correspondence sent in connection with this matter.**

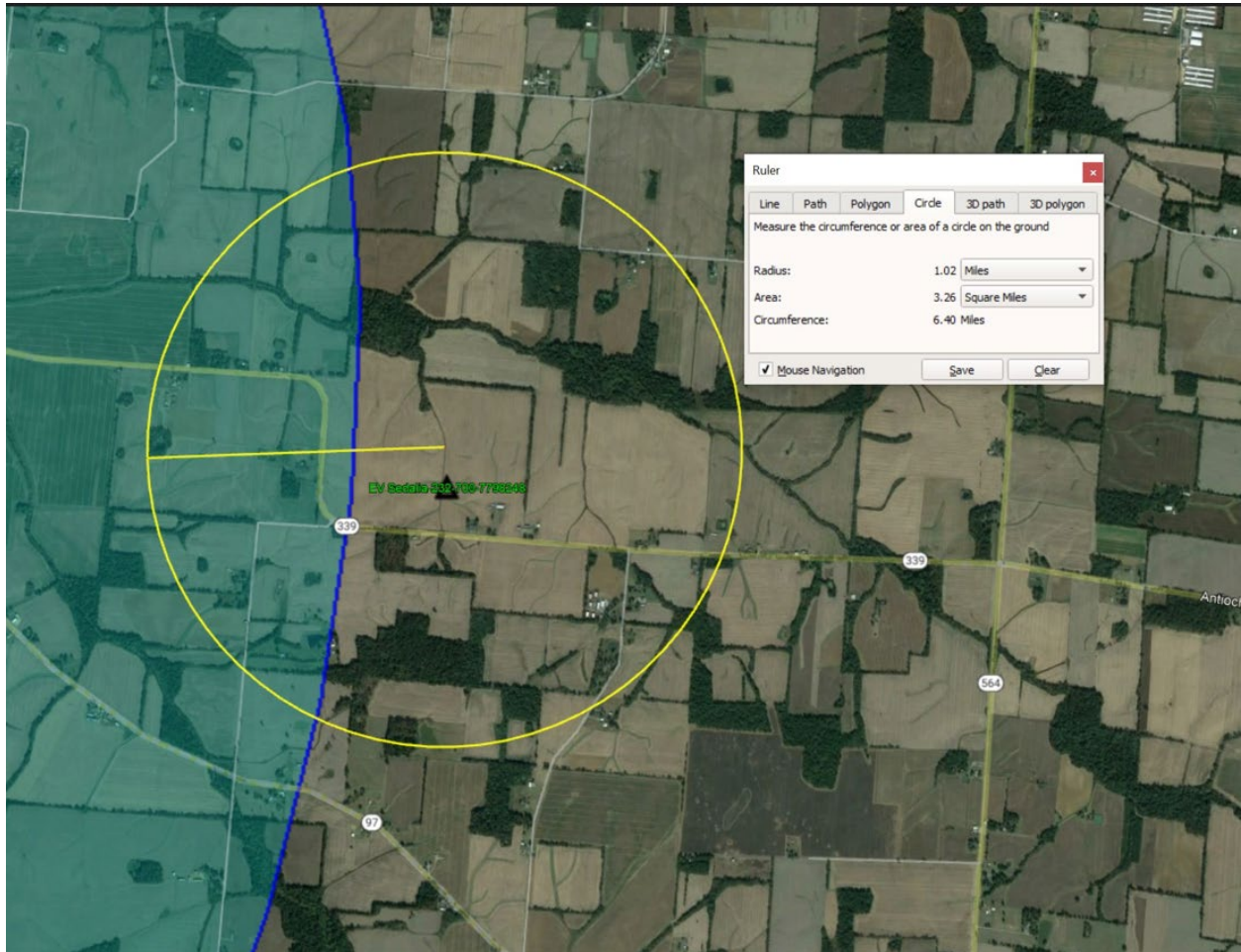
After this advertisement has been published, please forward a tearsheet copy, affidavit of publication, and invoice to Clark, Quinn, Moses, Scott & Grahn, LLC, 320 N. Meridian Street, Indianapolis, IN 46204 or by email to [ebw@clarkquinnlaw.com](mailto:ebw@clarkquinnlaw.com). Please call me on my cell with any questions at 317-902-2187 if you have any questions. Thank you for your assistance.

Sincerely,

A handwritten signature in cursive script that reads 'Elizabeth Bentz Williams'.

Elizabeth Bentz Williams, AICP

# Radio Frequency Design Search Area





February 21<sup>st</sup>, 2024

RE: Proposed Cellco Partnership d/b/a Verizon Wireless Communications Facility

Site Name: EV Sedalia

Type of Tower: 300 ft. Self-Support

Location: 4661 St Rt 339, Sedalia, KY 42079 Graves County

To Whom It May Concern:

As a radio frequency engineer for Verizon Wireless, I am providing this letter to state the need for a Verizon Wireless site called, EV Sedalia.

The EV Sedalia site is proposed with the below objectives:

1. To improve cellular service for the residents and businesses in the Sedalia and Farmington area in Graves County. Also those living and traveling along KY-564 & KY-339
2. To offload existing traffic of existing Verizon sites in this area.

Currently the area is experiencing poor service along KY-564, KY-339, and in the residential areas in Southeast Graves County. There is high demand for wireless high-speed data in these locations. This tower is needed to provide Verizon customers in the area with the best experience on their wireless devices.

Raw Land – Design plans for a new tower would provide an overall tower height of 300 feet with a Verizon Wireless Centerline of 300'. The new structure height was decided upon to best cover KY-564, KY-339, the residents in the area, and to offload traffic from the nearby existing Verizon sites. If we are limited to building a structure less than the proposed height, another tower would be needed in the vicinity in the near future. In addition, building a structure that is too short can cause existing taller sites to cover over the proposed site and building a site that is too tall can cause the proposed site to shoot over existing sites. Both situations create a poor experience from a user perspective. The new structure is proposed to be placed near the center of the problem area. The new tower design solves the stated objectives.

Verizon Wireless cares about the communities as well as the environment and prefers to collocate on existing structures when available. Verizon Wireless is currently collocated on many structures in the County. We prefer collocation due to reduced construction costs, faster deployment, and environment protection. However, Verizon Wireless was unable to find a suitable structure within the center of the demand area to collocate the proposed site on.



Verizon Wireless design engineers establish search area criteria in order to effectively meet coverage objectives as well as offload existing Verizon cell sites. When met, the criterion also reduces the need for a new site to cover the area in the immediate future. Each cellular site covers a limited area, depending on site configuration and the surrounding terrain. Cell sites are built in an interconnected network; which means each cell site must be located so that their respective coverage areas are contiguous. This provides uninterrupted communications throughout the coverage area.

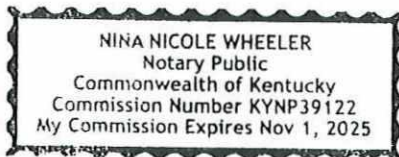
Since collocation is generally the most cost-effective means for prompt deployment of new facilities, Verizon Wireless makes every effort to investigate the feasibility for using existing towers or other tall structures for collocation when designing a new site or system expansion. However, collocation on an existing tower or tall structure is not always feasible due to location of existing cell sites. Cell sites are placed in a way so they provide a smooth hand off to each other and are placed at some distance from each other to eliminate too much overlap. Too much overlap may result in a waste of resources and raise a system capacity overload concern.

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

Sincerely,

Steven Belcher  
RF Engineer  
Verizon Wireless

2/22/24  
notary public  
Nina Nicole Wheeler





February, 21<sup>st</sup>, 2024

RE: Zoning Coverage Plots

Site Name: EV Sedalia

To Whom It May Concern:

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

The proposed site is needed to offload capacity from existing sites and to improve coverage in the area. This map reflects the predicted coverage area that will be offloaded from existing sites and transferred to the proposed site and also depicts improved coverage in the area.

Sincerely,

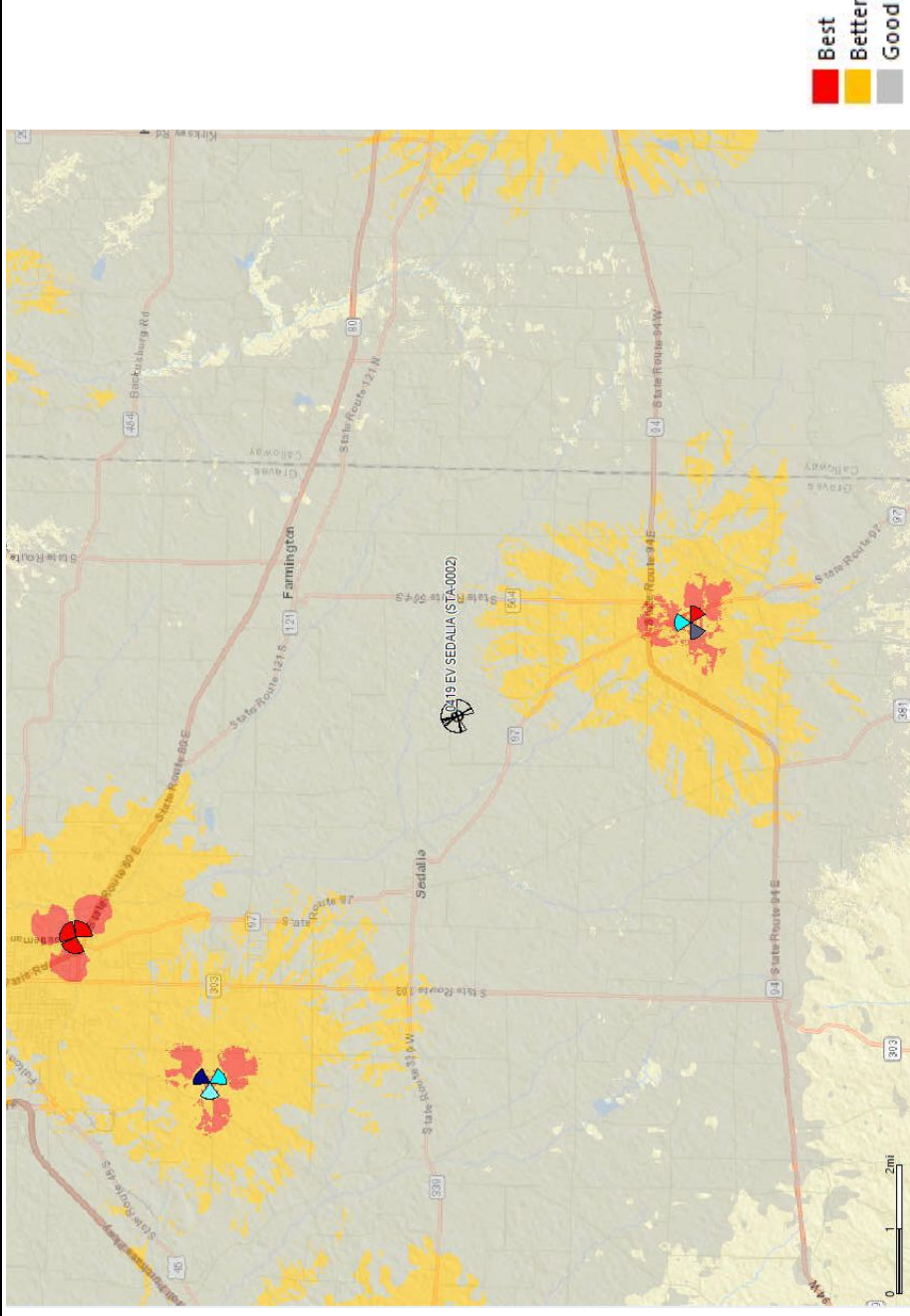


---

Jared A. Sharp  
RF Engineer III  
Verizon Wireless

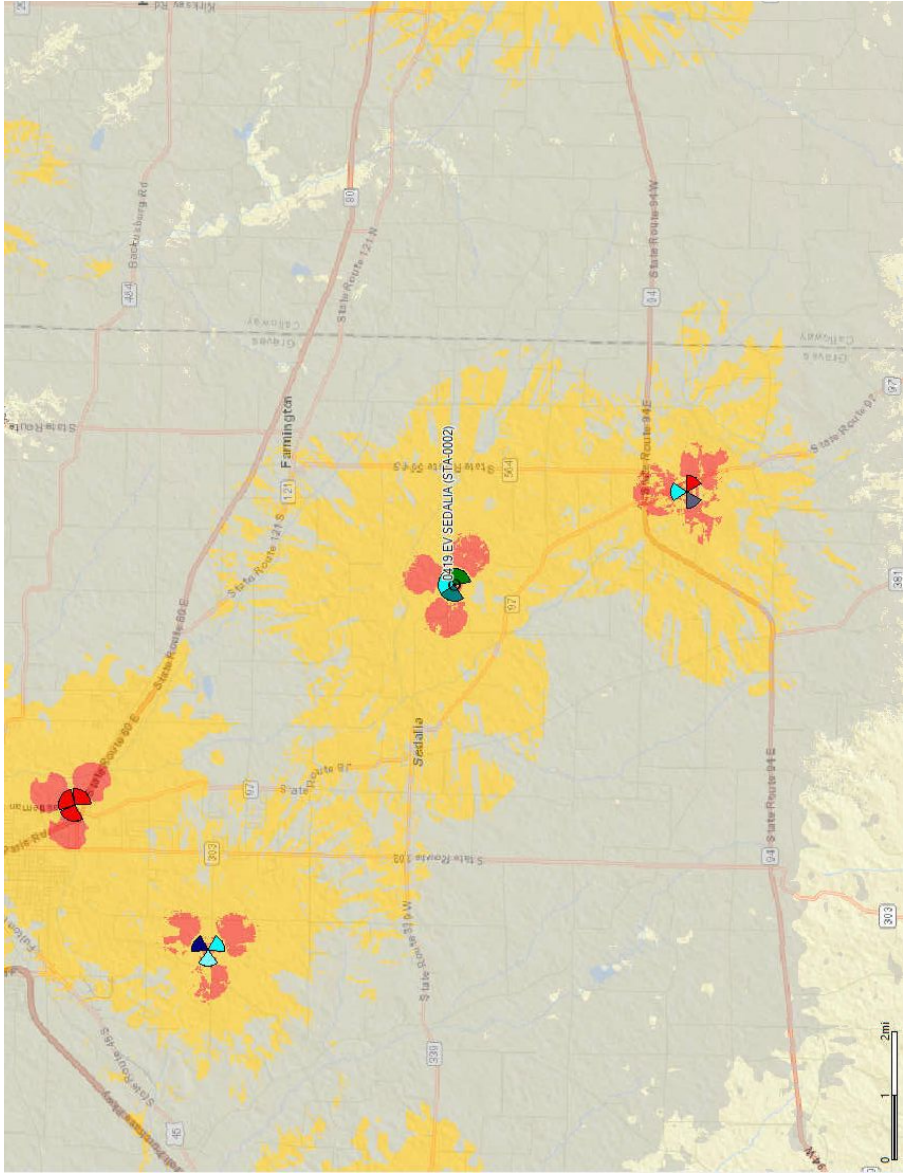


# Current Coverage - Without Proposed EV Sedalia



Confidential and proprietary materials for authorized Verizon personnel and outside agencies only. Use, disclosure or distribution of this material is not permitted to any unauthorized persons or third parties except by written agreement.

# Coverage - With Proposed EV Sedalia



Confidential and proprietary materials for authorized Verizon personnel and outside agencies only. Use, disclosure or distribution of this material is not permitted to any unauthorized persons or third parties except by written agreement.

**Exhibit S**  
**List of Qualified Professionals**

Travis L. Fields  
Professional Land Surveyor  
Kentucky License 4246  
The Land Consultants  
5449 Highway #41  
Jasper, TN 37347

Stephen E. Hunt  
Professional Engineer  
Kentucky License 25003  
Telecad Wireless  
1961 Northpoint Blvd., Suite 130  
Hixson, TN 37343

Kirk R. Hall  
Professional Engineer  
Kentucky License 25154  
World Tower Company  
1213 Compressor Drive  
P.O. Box 508  
Mayfield, KY 42066

Brad R. Milanowski  
Professional Engineer  
Kentucky License 25311  
B + T GRP  
1717 S Boulder Ave., #300  
Tulsa, OK 74119

Joseph V. Borrelli  
Professional Engineer  
Kentucky License 30809  
Delta Oaks Group  
4904 Professional Court, Second Floor  
Raleigh, NC 27609

Billy Waldrige Jr.  
Construction Manager  
Verizon Wireless  
2421 Holloway Road  
Louisville, KY 40299

Steven Beltcher  
RF Engineer  
Verizon Wireless  
2421 Holloway Road  
Louisville, KY 40299

