

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

In the Matter of:

THE APPLICATION OF)
BLUE SKY TOWERS IV, LLC, A DELAWARE)
LIMITED LIABILITY COMPANY)
AND CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS)
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC) CASE NO.: 2024-00361
CONVENIENCE AND NECESSITY TO CONSTRUCT)
A WIRELESS COMMUNICATIONS FACILITY)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF OWEN)

SITE NAME: LUSBYS MILL

* * * * *

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

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

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

1. The complete name and address of the Applicants are: Blue Sky Towers IV,

LLC, a Delaware limited liability company, having an address of 352 Park Street, Suite 106, North Reading, MA 01864 and Cellco Partnership d/b/a Verizon Wireless having an address of 2421 Holloway Road, Louisville, Kentucky 40299.

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

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

4. Cellco Partnership d/b/a Verizon Wireless is a Delaware general partnership, and a copy of the Statement of Good Standing from Delaware and Certificate of Assumed Name on file with the Kentucky Secretary of State are included as part of **Exhibit A**. Verizon Wireless is in good standing in the state in which they are organized and further state that they are authorized to transact business in Kentucky.

5. Cellco Partnership d/b/a Verizon Wireless operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC

requirements. A copy of Celco Partnership d/b/a Verizon Wireless' FCC applications and licenses to provide wireless services are attached to this Application or described as part of **Exhibit A**, and the facility will be constructed and operated in accordance with applicable FCC regulations.

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

7. To address the above-described service needs, Applicants propose to construct a WCF in a lease area located at 9275 Highway 330, Corinth, KY 41010 (38° 31' 17.66" North latitude, 84° 40' 35.41" West longitude) on a parcel of land located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is owned by William A. Atha Jr. and Mary L. Atha pursuant to a deed recorded at Deed Book 253, Page 538 in the office of the County Clerk. The proposed WCF will consist of a 255-foot tall self-support tower, with an approximately 10-foot tall lightning arrestor attached at the top, for a total height of 265-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of

radio electronics equipment and appurtenant equipment. The equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit B** and **Exhibit C**.

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

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

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

11. Applicants have considered the likely effects of the installation of the proposed WCF on nearby land uses and values and have concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to co-locate antennas on an existing structure. When suitable towers or structures exist, carriers attempt to co-locate on existing structures such as communications towers or other structures capable of supporting carrier's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site.

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

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

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

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

16. Blue Sky Towers IV, LLC, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement or an abbreviated agreement recorded with the County Clerk is attached as **Exhibit I**.

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

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

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

20. **Exhibit B** includes a map drawn to an appropriate scale that shows the location of the proposed tower and identifies every owner of real estate within 500 feet of the proposed tower (according to the records maintained by the County Property Valuation Administrator). Every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system is illustrated in **Exhibit B**.

21. Applicants have sent notice to every person who, according to the records of the County Property Valuation Administrator (“PVA”), owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and has been informed of his or her right to request intervention. A list of the notified property owners and a copy of the form of the notice sent by certified mail to each landowner are attached as **Exhibit J** and **Exhibit K**, respectively.

22. Copies of the Owen County PVA records obtained on November 14, 2024 (and re-verified on January 22, 2025) and used to generate the notice list are attached as part of **Exhibit J**.

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

24. Five signed United States Postal Service Form 3811 "green cards" have been returned. Copies of the returned "green cards" are attached as a part of **Exhibit J**. One notice letter has been returned and is marked "Return to Sender / Unclaimed / Unable to Forward." A copy of the returned letter is attached as part of **Exhibit J**. There are no unaccountable notices.

25. Applicants have notified the applicable County Judge/Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the County Judge/Executive of his/her right to request intervention. A copy of this notice is attached as **Exhibit L**. A copy of the "Certified Mail Receipt" and a copy of the USPS Form 3811 "green card" for this mailing are also attached as a part of **Exhibit L**.

26. Notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2) that measure at least 2 feet in height and 4 feet in width and that contain all required language in letters of required height, have been posted, one in a visible location on the proposed site and one on the nearest public road. Such signs shall remain posted for at least two weeks after filing of the Application, and a copy of the posted text is attached as **Exhibit M**. A legal notice advertisement regarding the location of the proposed facility will be published in a newspaper of general circulation in the county in which the WCF is proposed to be located. A copy of the text of the newspaper legal notice advertisement is

attached as part of **Exhibit M**.

27. The general area where the proposed facility is predominantly rural agricultural land with some residences. The parcel on which the proposed facility is located is currently used for farmland with a residence and barn on the property.

28. The process that was used by Verizon Wireless' radio frequency engineers in selecting the site for the proposed WCF was consistent with the general process used for selecting all other existing and proposed WCF facilities within the proposed network design area. Verizon Wireless' radio frequency engineers have conducted studies and tests in order to develop a highly efficient network that is designed to handle voice and data traffic in the service area. The engineers determined an optimum area for the placement of the proposed facility in terms of elevation and location to provide the best quality service to customers in the service area. A radio frequency design search area prepared in reference to these radio frequency studies was considered by the Applicants when searching for sites for its antennas that would provide the coverage deemed necessary by Verizon Wireless' Radio Frequency Engineers. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should be located pursuant to radio frequency requirements is attached as **Exhibit N**.

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

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

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

to:

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

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

Respectfully submitted,



David A. Pike
And



F. Keith Brown

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

LIST OF EXHIBITS

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

EXHIBIT A

**BUSINESS DOCUMENTATION & FCC LICENSE
DOCUMENTATION**

Delaware

Page 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "BLUE SKY TOWERS IV, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE FIFTH DAY OF DECEMBER, A.D. 2024.



3254843 8300

SR# 20244396503

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

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

Authentication: 205049278

Date: 12-05-24

Commonwealth of Kentucky
Michael G. Adams, Secretary of State

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

Certificate of Authorization

Authentication number: 323625
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,

BLUE SKY 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 June 12, 2024.

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

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 27th day of November, 2024, in the 233rd year of the Commonwealth.



Michael G. Adams

Michael G. Adams
Secretary of State
Commonwealth of Kentucky
323625/1371394

Delaware

Page 1

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.



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

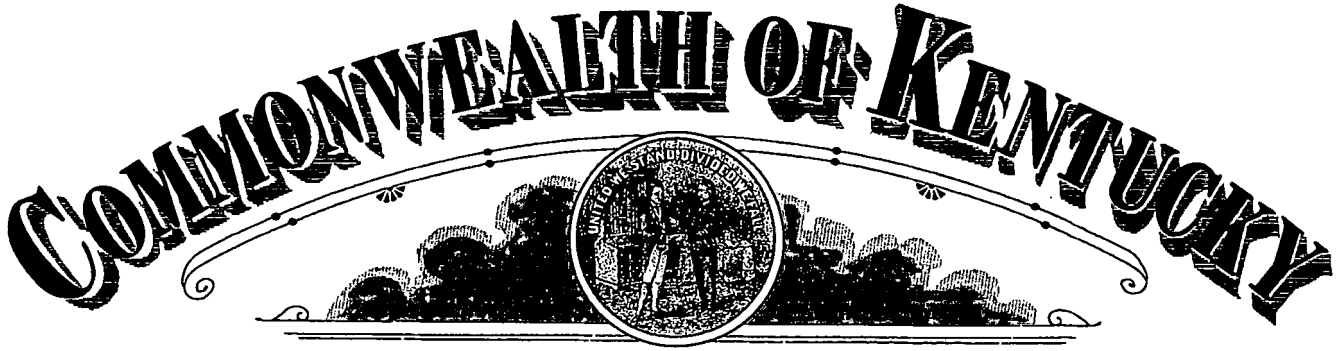
3341134 8300

SR# 20231665976

You may verify this certificate online at 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
Trey Grayson C226
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.

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

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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

Call Sign WQCS428	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 04-23-2015	Effective Date 11-01-2016	Expiration Date 05-13-2025	Print Date
Market Number BTA252	Channel Block C	Sub-Market Designator 1	
Market Name Lexington, KY			
1st Build-out Date 05-13-2010	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. 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: WQCS428

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

0009135432 - Verizon Communications Inc.

File Number 0009135432 Application Status Q - Accepted

General Information

Application Purpose	TC - Transfer of Control		
Receipt Date	07/21/2020		
Entered Date	07/21/2020	Action Date	08/13/2020
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Licensee Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Gender	
Ethnicity			

Licensee Contact Information

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

FRN	0003257094	Type	Corporation
Name	Verizon Communications Inc. ATTN Sarah Trosch 1300 I Street, NW - Suite 500 East Washington, DC 20005	P:(202)515-2453 E:sarah.trosch@verizon.com	
Race		Gender	
Ethnicity			

Transferor Contact Information

Name	Wilkinson Barker Knauer, LLP ATTN Jennifer L. Kostyu	P:(202)783-4141 F:(202)783-5851
------	---	------------------------------------

1800 M. St., NW, Suite 800N
Washington, DC 20036

E:jkostyu@wbklaw.com

Transferee Information

FRN	0003257094	Type	Corporation
Name	Verizon Communications Inc. ATTN Sarah Trosch 1300 I Street, NW - Suite 500 East Washington, DC 20005		P:(202)515-2453 E:sarah.trosch@verizon.com

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

Transferee Contact Information

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

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Call Sign WQDI527	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 08-17-2015	Effective Date 11-01-2016	Expiration Date 09-06-2025	Print Date
Market Number BTA252	Channel Block C	Sub-Market Designator 7	
Market Name Lexington, KY			
1st Build-out Date 09-06-2010	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

NONE

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQDI527

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Name	Verizon Sarah Trosch 1300 I Street, NW - Suite 500 East Washington, DC 20005	P:(202)515-2453 E:sarah.trosch@verizon.com
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Race		Gender	
Ethnicity			

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1800 M. St., NW, Suite 800N
Washington, DC 20036

E:jkostyu@wbklaw.com

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

Transferee Contact Information

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

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with 2 columns: Call Sign (WQGA717), File Number (0010911517), and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz)).

FCC Registration Number (FRN): 0003290673

Table with 4 columns: Grant Date (02-22-2022), Effective Date (06-11-2024), Expiration Date (11-29-2036), Print Date (08-07-2024); Market Number (REA003), Channel Block (F), Sub-Market Designator (35); Market Name (Great Lakes); 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. 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.

AWS operations must not cause harmful interference across the Canadian or Mexican Border. The authority granted herein is subject to future international agreements with Canada or Mexico, as applicable.

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: WQGA717

File Number: 0010911517

Print Date: 08-07-2024

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

0011183184 - T-Mobile License LLC

File Number	0011183184	Application Status	Q - Accepted
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General Information

Application Purpose	NT - Required Notification		
Existing Radio Service			
Authorization Type		Emergency STA	
Receipt Date	08/02/2024	Action Date	08/03/2024
Entered Date	08/02/2024	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments		Grandfathered Privileges	
Application Fee Exempt	No	Regulatory Fee Exempt	
Major Request			

Applicant Information

FRN	0001565449	Type	Limited Liability Company
Name	T-Mobile License LLC 12920 SE 38th Street Bellevue, WA 98006 ATTN FCC Regulatory Compliance		P:(425)383-8401 F:(425)383-4840 E:FCCRegulatoryComplianceContact@t-mobile.com
Real Party in Interest		FRN of Real Party in Interest	

Contact Information

Name	Kiechel Law	P:(202)487-6770 E:doane@kiechellaw.com
	4005 Garrison Street, NW Washington, DC 20016 ATTN Doane F. Kiechel	

ULS Application

0011183178 - T-Mobile License LLC

File Number	0011183178	Application Status	Q - Accepted
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General Information

Application Purpose	NT - Required Notification		
Existing Radio Service			
Authorization Type		Emergency STA	
Receipt Date	08/02/2024	Action Date	08/03/2024
Entered Date	08/02/2024	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments		Grandfathered Privileges	
Application Fee Exempt	No	Regulatory Fee Exempt	
Major Request			

Applicant Information

FRN	0001565449	Type	Limited Liability Company
Name	T-Mobile License LLC 12920 SE 38th Street Bellevue, WA 98006 ATTN FCC Regulatory Compliance		P:(425)383-8401 F:(425)383-4840 E:FCCRegulatoryComplianceContact@t-mobile.com
Real Party in Interest		FRN of Real Party in Interest	

Contact Information

Name	Kiechel Law	P:(202)487-6770 E:doane@kiechellaw.com
	4005 Garrison Street, NW Washington, DC 20016 ATTN Doane F. Kiechel	

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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:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

0011116303 - Trace-Tek

File Number	0011116303	Application Status	G - Granted
Application Purpose	LN - New Lease	Classification of Lease	De Facto Transfer Lease

General Information

Application Purpose	LN - New Lease		
Receipt Date	06/13/2024		
Entered Date	06/13/2024	Action Date	10/01/2024
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Licensee Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership ATTN Network Engineering 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Gender	
Ethnicity			

Licensee Contact Information

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

FRN	0030856223	Type	Limited Liability Company
Name	Trace-Tek ATTN licenses@trace-tek.com 2625 Commons Boulevard Beavercreek, OH 45341		P:(972)672-0477 E:licenses@trace-tek.com
Real Party In Interest	Trace-Tek	FRN of Real Party in Interest	0030856223
Race		Gender	
Ethnicity			

Lessee Contact Information

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

Radio Service
Type

Regulatory Status Interconnected

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

ULS Application

0011112918 - Trace-Tek

File Number	0011112918	Application Status	G - Granted
Application Purpose	LN - New Lease	Classification of Lease	De Facto Transfer Lease

General Information

Application Purpose	LN - New Lease		
Receipt Date	06/13/2024		
Entered Date	06/13/2024	Action Date	10/01/2024
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Licensee Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership ATTN Network Engineering 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Gender	
Ethnicity			

Licensee Contact Information

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

FRN	0030856223	Type	Limited Liability Company
Name	Trace-Tek ATTN licenses@trace-tek.com 2625 Commons Boulevard Beavercreek, OH 45341		P:(972)672-0477 E:licenses@trace-tek.com
Real Party In Interest	Trace-Tek	FRN of Real Party in Interest	0030856223
Race		Gender	
Ethnicity			

Lessee Contact Information

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

Radio Service
Type

Regulatory Status Interconnected

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WQGA940), File Number (0009774996), 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: WQGA940

File Number: 0009774996

Print Date: 12-21-2021

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

0010761275 - Trace-Tek

File Number	0010761275	Application Status	G - Granted
Application Purpose	AM - Amendment	Classification of Lease	De Facto Transfer

General Information

Application Purpose	AM - Amendment	Original Application Purpose	LN - New Lease
Receipt Date	04/09/2024		
Entered Date	04/09/2024	Action Date	04/11/2024
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Licensee Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Gender	
Ethnicity			

Licensee Contact Information

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

FRN	0030856223	Type	Limited Liability Company
Name	Trace-Tek ATTN licenses@trace-tek.com 2625 Commons Boulevard Beavercreek, OH 45341		P:(972)672-0477 E:licenses@trace-tek.com
Real Party In Interest	Trace-Tek	FRN of Real Party in Interest	0030856223
Race		Gender	
Ethnicity			

Lessee Contact Information

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

Radio Service
Type

Regulatory Status Interconnected

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Call Sign WQGA958	File Number 0009775568
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date 01-03-2022	Effective Date 01-03-2022	Expiration Date 11-29-2036	Print Date 01-05-2022
Market Number BEA070	Channel Block B	Sub-Market Designator 0	
Market Name Louisville, KY-IN			
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. 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: WQGA958

File Number: 0009775568

Print Date: 01-05-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

0010856976 - Trace-Tek

File Number	0010856976	Application Status	G - Granted
Application Purpose	LN - New Lease	Classification of Lease	De Facto Transfer Lease

General Information

Application Purpose	LN - New Lease		
Receipt Date	01/24/2024		
Entered Date	01/24/2024	Action Date	03/05/2024
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Licensee Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Gender	
Ethnicity			

Licensee Contact Information

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

FRN	0030856223	Type	Limited Liability Company
Name	Trace-Tek ATTN licenses@trace-tek.com 2625 Commons Boulevard Beavercreek, OH 45341		P:(972)672-0477 E:licenses@trace-tek.com
Real Party In Interest	Trace-Tek	FRN of Real Party in Interest	0030856223
Race		Gender	
Ethnicity			

Lessee Contact Information

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

Radio Service
Type

Regulatory Status Interconnected

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WQGD757), File Number (0010160394), 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.

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: WQGD757

File Number: 0010160394

Print Date: 02-10-2023

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

0010409747 - Cellco Partnership

File Number 0010409747

Application Status Q - Accepted

General Information

Application Purpose NT - Required Notification

Existing Radio Service

Authorization Type

Emergency STA

Receipt Date 02/08/2023

Action Date 02/09/2023

Entered Date 02/08/2023

Requested Expiration Date

Waiver No

Number of Rules

Attachments

Grandfathered Privileges

Application Fee Exempt No

Regulatory Fee Exempt

Major Request

Applicant Information

FRN 0003290673

Type

General Partnership

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

Real Party in Interest

FRN of Real Party in Interest

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

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WQJQ691), 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.

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: WQJQ691

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

700 MHz Upper Band (Block C) - 0010912114 - Cellco Partnership

File Number	0010912114	Radio Service	WU - 700 MHz Upper Band (Block C)
Call Sign	WQJQ691	Application Status	G - Granted

General Information

Application Purpose	AM - Amendment	Original Application Purpose	MD - Modification
Existing Radio Service			
Authorization Type	Regular	Emergency STA	
Receipt Date	11/01/2024	Action Date	12/02/2024
Entered Date	11/01/2024	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments	Yes	Grandfathered Privileges	No
Application Fee Exempt	No	Regulatory Fee Exempt	No
Major Request			

Market Data

Market	REA003 - Great Lakes	Channel Block	C
Submarket Designator	0	Associated Frequencies (MHz)	000746.00000000-000757.00000000-000776.00000000-000787.00000000

Applicant Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Regulatory		P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
Real Party in Interest		FRN of Real Party in Interest	

Contact Information

Name	Verizon Wireless Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Regulatory	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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.

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: WQJQ692

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

ULS Application

700 MHz Upper Band (Block C) - 0010612840 - Cellco Partnership

File Number	0010612840	Radio Service	WU - 700 MHz Upper Band (Block C)
Call Sign	WQJQ692	Application Status	2 - Pending

General Information

Application Purpose	AM - Amendment	Original Application Purpose	MD - Modification
Existing Radio Service			
Authorization Type	Regular	Emergency STA	
Receipt Date	12/13/2024	Action Date	12/14/2024
Entered Date	12/13/2024	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments	Yes	Grandfathered Privileges	No
Application Fee Exempt	No	Regulatory Fee Exempt	No
Major Request			

Market Data

Market	REA004 - Mississippi Valley	Channel Block	C
Submarket Designator	0	Associated Frequencies (MHz)	000746.00000000- 000757.00000000 000776.00000000- 000787.00000000

Applicant Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Regulatory		P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
Real Party in Interest		FRN of Real Party in Interest	

Contact Information

Name	Verizon Wireless Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Regulatory		P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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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 (WQPZ951), File Number (0009792705), 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: WQPZ951

File Number: 0009792705

Print Date: 02-17-2022

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

Reference Copy

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQPZ951

File Number: 0009792705

Print Date: 02-17-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------

Reference Copy

ULS Application

AWS (1710-1755 MHz and 2110-2155 MHz) - 0009792705 - Cellco Partnership

File Number	0009792705	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Call Sign	WQPZ951	Application Status	G - Granted

General Information

Application Purpose	RO - Renewal Only	Emergency STA	
Existing Radio Service		Action Date	02/16/2022
Authorization Type	Regular	Requested Expiration Date	
Receipt Date	11/10/2021	Number of Rules	
Entered Date	11/10/2021	Grandfathered Privileges	No
Waiver	No	Regulatory Fee Exempt	No
Attachments	Yes	Major Request Use Question	

Market Data

Market	REA004 - Mississippi Valley	Channel Block	D
Submarket Designator	29	Associated Frequencies (MHz)	001735.00000000-001740.00000000-002135.00000000-002140.00000000

Applicant Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022		P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
Real Party in Interest		FRN of Real Party in Interest	

Contact Information

Name	Cellco Partnership Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022		P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

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

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WQTY976), File Number (0009792869), 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: WQTY976

File Number: 0009792869

Print Date: 02-17-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------

Reference Copy

ULS Application

AWS (1710-1755 MHz and 2110-2155 MHz) - 0009792869 - Cellco Partnership

File Number	0009792869	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
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Call Sign	WQTY976	Application Status	G - Granted
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General Information

Application Purpose	RO - Renewal Only
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Existing Radio Service	
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Authorization Type	Regular	Emergency STA	
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Receipt Date	11/10/2021	Action Date	02/16/2022
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Entered Date	11/10/2021	Requested Expiration Date	
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Waiver	No	Number of Rules	
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Attachments	Yes	Grandfathered Privileges	No
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Application Fee Exempt	No	Regulatory Fee Exempt	No
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Major Request	
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Use Question	
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Market Data

Market	BEA047 - Lexington, KY-TN-VA-WV	Channel Block	B
Submarket Designator	14	Associated Frequencies (MHz)	001720.00000000-001730.00000000-002120.00000000-002130.00000000

Applicant Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022		P:(770)797-1070 F:(770)797-1036 E:licensingcompliance@verizonwireless.com

Real Party in Interest		FRN of Real Party in Interest	
------------------------	--	-------------------------------	--

Contact Information

Name	Verizon Wireless Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022		P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

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

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WRWF637), File Number (0010170298), 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.

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: WRWF637

File Number: 0010170298

Print Date: 02-16-2023

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------

Reference Copy

ULS Application

0010761275 - Trace-Tek

File Number	0010761275	Application Status	G - Granted
Application Purpose	AM - Amendment	Classification of Lease	De Facto Transfer

General Information

Application Purpose	AM - Amendment	Original Application Purpose	LN - New Lease
Receipt Date	04/09/2024		
Entered Date	04/09/2024	Action Date	04/11/2024
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Licensee Information

FRN	0003290673	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Race		Gender	
Ethnicity			

Licensee Contact Information

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

Lessee Information

FRN	0030856223	Type	Limited Liability Company
Name	Trace-Tek ATTN licenses@trace-tek.com 2625 Commons Boulevard Beavercreek, OH 45341		P:(972)672-0477 E:licenses@trace-tek.com
Real Party In Interest	Trace-Tek	FRN of Real Party in Interest	0030856223
Race		Gender	
Ethnicity			

Lessee Contact Information

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

Radio Service
Type

Regulatory Status Interconnected

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

EXHIBIT B

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

PROJECT SUMMARY

SITE NAME: LV LUSBYS MILL
 SITE ADDRESS: 9275 HIGHWAY 330
 CORINTH, KY 41010

COUNTY: OWEN
 JURISDICTION: OWEN COUNTY
 LAND USE: FARM
 PARCEL ID: 099-00-00-001.02

SITE COORDINATES: 1A
 LATITUDE: 38° 31' 17.66" N (NAD83)
 LATITUDE: 38.521572°
 LONGITUDE: 84° 40' 35.41" W (NAD83)
 LONGITUDE: -84.676503°
 ELEVATION: 871.8' AMSL (NAVD88)

FUZE PROJECT ID: 617400547
 PSLC CODE: TBD
 PROPERTY OWNER: MARY L. & WILLIAM A ATHA, JR.
 9475 KY HIGHWAY 330
 CORINTH, KY 41010
 PROPERTY OWNER CONTACT: WILLIAM ATHA
 (859) 338-0192
 PROPERTY OWNER MAILING ADDRESS: WILLIAM & MARY L. ATHA
 9475 HIGHWAY 330
 CORINTH, KY 41010
 TOWER OWNER: BLUE SKY TOWERS, IV LLC
 352 PARK ST STE 106
 NORTH READING, MA 01864

TOWER OWNER CONTACT: LAURIE PLAISANCE
 (504) 478-8504
 STRUCTURE TYPE: SELF SUPPORT
 TOWER HEIGHT: 255'-0"
 ENVIRONMENTAL REQ.: N/A
 OCCUPANCY: UNMANNED
 SITE TYPE: RAWLAND

POWER COMPANY: OWENTON ELECTRIC
 CONTACT: TBD
 PHONE: (800) 372-7612

COMMUNICATIONS: WINDSTREAM
 PHONE: (844) 799-3627

FIRE DEPARTMENT: CORINTH VOLUNTEER FIRE DEPARTMENT
 PHONE: (859) 824-9886

POLICE DEPARTMENT: OWEN COUNTY SHERIFF OFFICE
 PHONE: (502) 484-3363

DIRECTIONS COORDINATOR: MATT BATES
 PHONE: (502) 484-3363



CELLCO PARTNERSHIP
 D/B/A VERIZON WIRELESS

BLUE SKY SITE#: KY00765
LV LUSBYS MILL
9275 HIGHWAY 330
CORINTH, KY 41010

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.

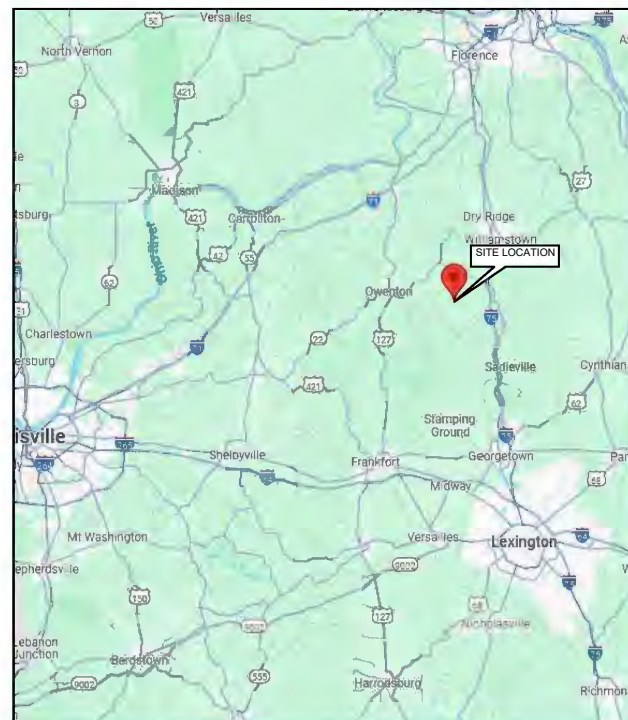
2018 KENTUCKY BUILDING CODE (2015 INTERNATIONAL BUILDING CODE)
 2012 INTERNATIONAL ENERGY CONSERVATION CODE (COMMERCIAL)
 2009 INTERNATIONAL ENERGY CONSERVATION CODE (RESIDENTIAL)
 2012 INTERNATIONAL FIRE CODE
 2015 INTERNATIONAL MECHANICAL CODE
 2015 INTERNATIONAL RESIDENTIAL CODE

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 255'-0" SELF SUPPORT TOWER WITH 10'-0" LIGHTNING ROD (OVERALL 265'-0")
 - INSTALL A NEW 65' X 65' CHAINLINK FENCED COMPOUND WITHIN A 80' X 80' 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 A NEW 7'-6"x11'-6" CONCRETE EQUIPMENT PAD
 - INSTALL A NEW 4'-0" X 9'-6" CONCRETE GENERATOR PAD
 - INSTALL (1) NEW "VERIZON WIRELESS ONLY" FIBER OPTIC 4" PVC CONDUIT WITH (3) 1" SMOOTH WALL HDPE INNERDUCTS WITH PULL TAPES AND TRACER WIRE FROM VZW EQUIPMENT TO THE NEW "VERIZON WIRELESS ONLY" 24"X36" HAND HOLE OUTSIDE COMPOUND THEN TO NEW "VERIZON WIRELESS ONLY" HAND HOLE AT R.O.W.
 - PERMANENT ELECTRIC POWER MUST BE AVAILABLE FOR VERIZON WIRELESS AT THE METER BASE PRIOR TO THE SITE BEING RELEASED AS TENANT READY
- ALL WORK MUST BE DONE IN ACCORDANCE TO THE DRAWINGS.

VICINITY MAP



NOT TO SCALE

LOCATION MAP



NOT TO SCALE

SHEET INDEX

NO.	DESCRIPTION
T1	TITLE SHEET
S1	SURVEY - COVER SHEET
Z1	COUNTY TOWER MAP
Z2	OVERALL SITE LAYOUT
Z3	OVERALL SITE LAYOUT
Z4	OVERALL SITE LAYOUT
Z5	SITE PLAN
Z6	EROSION CONTROL SITE PLAN
Z7	DIMENSION SITE PLAN
Z8	TOWER ELEVATION
Z9	SITE DETAILS
Z10	SITE DETAILS
Z11	SITE DETAILS

AERIAL MAP



NOT TO SCALE

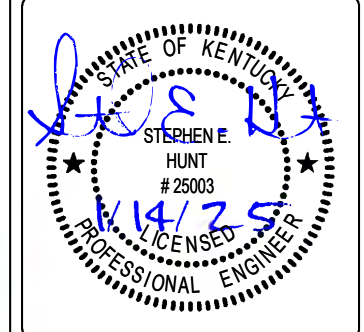


1961 NORTHPOINT BLVD.
 SUITE 130
 HIXSON, TN 37343
 PH : 423-843-9500
 FAX : 423-843-9509

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DRAWN BY	PLS
CHECKED BY	SEH

REVISIONS			
#	DATE	BY	DESCRIPTION
3	01/14/25	WAM	FINALS
2	11/22/24	MDR	FINALS
1	11/15/24	DWS	FINALS
0	11/01/24	DWS	FINALS
C	09/09/24	MJB	REVISIONS ADDED
B	08/27/24	DLS	TOWER HEIGHT CORRECTION



FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

BLUE SKY SITE #: TBD

SITE ADDRESS : 9275 HIGHWAY 330
 CORINTH, KY 41010

SITE TYPE: RAWLAND

SHEET TITLE : TITLE SHEET

DRAWING # :	REVISION :
T1	3

DIRECTIONS FROM OWEN COUNTY COURTHOUSE:
 HEAD EAST ON BRYAN ST TOWARD US-127 N/ KY-227/ N MAIN ST. TURN RIGHT ONTO US-127 S/ KY-227/ N MAIN ST. TURN RIGHT ONTO KY-227/ GEORGETOWN RD. BEAR LEFT ONTO KY-330/ HIGHWAY 330. KEEP RIGHT TO GET ONTO KY-330/ HIGHWAY 330. THE DESTINATION WILL BE ON THE RIGHT.

STRUCTURAL REVIEW





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

DIRECTIONS FROM LOUISVILLE SWITCH 2441 HOLLOWAY RD, LOUISVILLE, KY 40299: HEAD SOUTH ON HOLLOWAY RD TOWARD SCHUTTE STATION PL. TURN LEFT ONTO SCHUTTE STATION PL. ROAD NAME CHANGES TO PLANTSIDE DR. TURN LEFT ONTO BLANKENBAKER PKWY. TAKE THE RAMP ON THE RIGHT FOR I-64 EAST AND HEAD TOWARD LEXINGTON. AT EXIT 75, HEAD RIGHT ON THE RAMP FOR I-75 NORTH TOWARD CINCINNATI. AT EXIT 144, HEAD RIGHT ON THE RAMP FOR KY-330/ OWENTON RD TOWARD OWENTON. TURN LEFT ONTO KY-330/ OWENTON RD TOWARD OWENTON. THE DESTINATION WILL BE ON THE LEFT.

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

-  - PREMISES
-  - LEGAL DESCRIPTIONS
-  - FLOOD ZONE DATA
-  - VICINITY MAP

- **COORDINATE POINT LOCATION**
 NAD 1983
 LATITUDE: 38° 31' 17.66" N (38.521572)
 LONGITUDE: 84° 40' 35.41" W (-84.676503)
 NAVD 1988
 ELEVATION: 871.8'
 SINGLE STATE PLANE COORDINATE
 (BLUE MARBLE GEOGRAPHIC
 CALCULATOR VERSION 3.0)
 NORTHING: 4079389.973
 EASTING: 5228372.522
- **PROJECT BENCHMARK**
 NORTH: 4079320.366
 EAST: 5228435.968
 ELEVATION: 877.03
 LOCATION: BEING A 5/8" REBAR WITH CAP
 STAMPED "CONTROL PNT. 39"
 SOUTHEAST OF THE SOUTHEAST
 CORNER OF THE LEASE AREA.












SYMBOL LEGEND

-  WOOD POWER POLE
-  CONCRETE POWER POLE
-  METAL TRAFFIC POLE
-  LIGHT POLE
-  GUY POLE
-  TELEPHONE PEDESTAL
-  GUY ANCHOR
-  MANHOLE
-  WATER VALVE
-  WATER METER
-  FIRE HYDRANT
-  ELECTRIC BOX
-  F.P. FENCE POST
-  SPOT ELEVATION
-  CALCULATED POINT
-  SET #5 REBAR (UNLESS OTHERWISE NOTED)
-  EXISTING #5 REBAR (UNLESS OTHERWISE NOTED)

ABBREVIATIONS

- EG EDGE OF GRAVEL
- EP EDGE OF PAVEMENT
- ROW RIGHT OF WAY
- ℄ CENTERLINE
- RCP REINFORCED CONCRETE PIPE
- CONC CONCRETE
- CPP CORRUGATED PLASTIC PIPE
- CMP CORRUGATED METAL PIPE
- ℄ SUBJECT PROPERTY LINE
- TC TOP OF CURB
- BC BOTTOM OF CURB
- POC POINT OF COMMENCING
- POB POINT OF BEGINNING
- IPC IRON PIN CAPPED

LINE LEGEND

-  OVERHEAD ELECTRIC
-  UNDERGROUND GAS LINE
-  UNDERGROUND WATER LINE
-  OVERHEAD ELECTRIC & TELEPHONE LINE
-  OVERHEAD TELEPHONE LINE
-  DRAINAGE/STORM SEWER LINE
-  EXISTING FENCE
-  PROPOSED FENCE
-  & DITCH / SWALE
-  SUBJECT PROPERTY BOUNDARY
-  RIGHT OF WAY CENTERLINE

NOTE: SYMBOLS, ABBREVIATIONS, OR LINES/TYLES DO NOT NECESSARILY APPEAR ON DRAWING(S). USE ONLY AS APPLICABLE

SURVEYORS NOTES

SOURCE OF BEARING AND ELEVATION IS A G.P.S. OBSERVATION ON FEBRUARY 15, 2024, FROM A GPS CONTINUOUSLY OPERATING REFERENCE STATION DESIGNATION - GEN BUTLER SHP CORP ARP, CORP_ID - KYBL, PID - DN2113.

SITE SHOWN SUBJECT TO RIGHT OF WAYS AND EASEMENTS SHOWN HEREON OR NOT.

NO SEARCH OF PUBLIC RECORDS HAS BEEN PERFORMED BY THIS FIRM TO DETERMINE ANY DEFECTS AND/OR AMBIGUITIES IN THE TITLE OF THE PARENT TRACT.

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.

EXISTING CONTOURS ARE AT ONE FOOT INTERVALS.

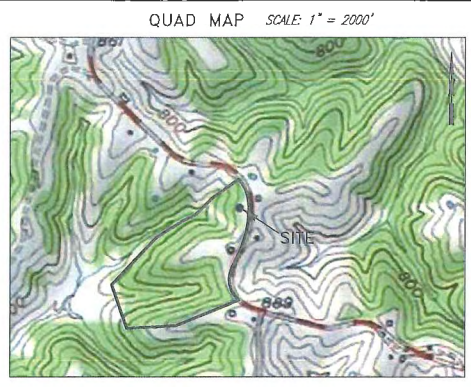
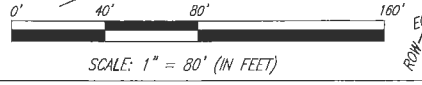
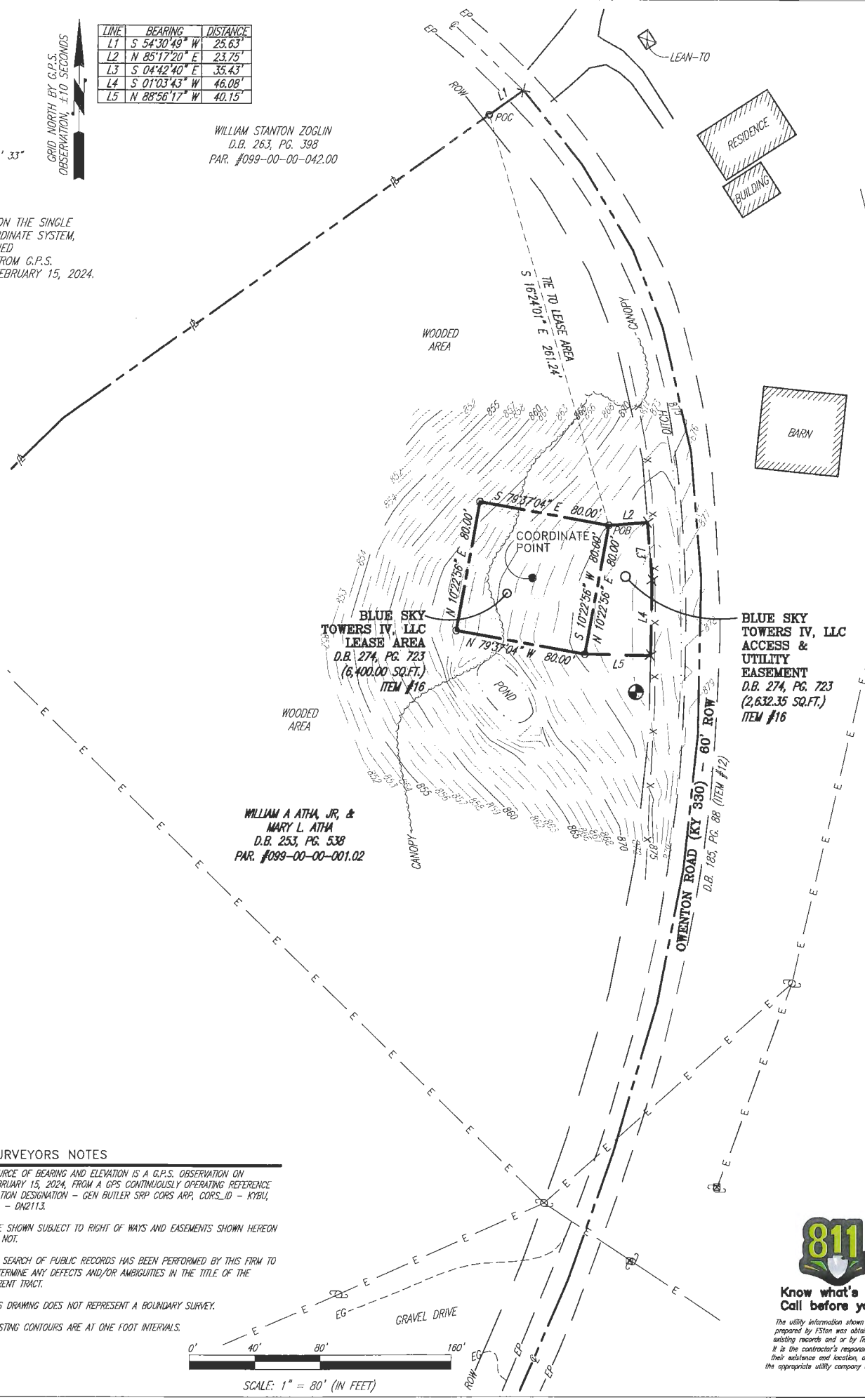
LINE	BEARING	DISTANCE
L1	S 54°30'49" W	25.63'
L2	N 85°17'20" E	23.75'
L3	S 04°42'40" E	35.43'
L4	S 01°03'43" W	46.08'
L5	N 88°56'17" W	40.15'

WILLIAM STANTON ZOGLIN
 D.B. 263, PG. 398
 PAR. #099-00-00-042.00

WILLIAM A ATHA, JR. &
 MARY L. ATHA
 D.B. 253, PG. 538
 PAR. #099-00-00-001.02

BLUE SKY
 TOWERS IV, LLC
 LEASE AREA
 D.B. 274, PG. 723
 (6,400.00 SQ.FT.)
 ITEM #16

BLUE SKY
 TOWERS IV, LLC
 ACCESS &
 UTILITY
 EASEMENT
 D.B. 274, PG. 723
 (2,632.35 SQ.FT.)
 ITEM #16



LOCATION DESCRIPTION
 LOCATED ON THE PROPERTY CONVEYED TO WILLIAM A ATHA, JR. AND MARY L. ATHA IN DEED BOOK 253, PAGE 538, AND BEING ON THE WEST SIDE OF OWENTON ROAD (KY 330) AND 310' NORTHWEST OF DOG WALK ROAD IN OWEN COUNTY, KENTUCKY.

THIS SITE IS LOCATED ON THE LAWRENCEVILLE KENTUCKY USGS QUADRANGLE SHEET.

The horizontal datum (coordinates) is referenced to the North American Datum 1983 (NAD 83) and is expressed in terms of Latitude and Longitude in degrees, minutes, seconds, and decimal parts thereof, and is accurate to within 15 feet horizontally. The site vertical datum (elevations and benchmark) is in terms of the North American Vertical Datum of 1988 (NAVD 88) and is accurate to within +/- 3 feet vertically.

LEGAL DESCRIPTIONS:

LEASE AREA

Being located on the property conveyed to William A. Atha, Jr. and Mary L. Atha in Deed Book 253, Page 538, of the Owen County Clerk's Office, and being on the west side of Owenton Road (KY 330) and 310' Northwest of Dog Walk Road in Owen County, Kentucky which is further described as follows:

Commencing at a 5/8" rebar found on the north line of said Atha property and being S 54°30'49" W - 25.63' from the northeast corner of said Atha property found on the centerline of Owenton Road (KY 330); thence traversing said Atha property S 16°24'01" E - 261.24' to an iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Lease Area; thence S 10°22'56" W - 80.00' to an iron rod with a cap stamped "FStan 3282"; thence N 79°37'04" W - 80.00' to an iron rod with a cap stamped "FStan 3282"; thence N 10°22'56" E - 80.00' to an iron rod with a cap stamped "FStan 3282"; thence S 79°37'04" E - 80.00' to the point of beginning, containing 6,400.00 square feet as per survey by Frank L. Sellinger, II dated February 29, 2024.

ACCESS & UTILITY EASEMENT

Being located on the property conveyed to William A. Atha, Jr. and Mary L. Atha in Deed Book 253, Page 538, of the Owen County Clerk's Office, and being on the west side of Owenton Road (KY 330) and 310' Northwest of Dog Walk Road in Owen County, Kentucky which is further described as follows:

Commencing at a 5/8" rebar found on the north line of said Atha property and being S 54°30'49" W - 25.63' from the northeast corner of said Atha property found on the centerline of Owenton Road (KY 330); thence traversing said Atha property S 16°24'01" E - 261.24' to an iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Access & Utility Easement; thence N 85°17'20" E - 23.75' to a point on the apparent west right-of-way line of said Owenton Road (KY 330); thence with said apparent right-of-way for the next two (2) calls: (1) S 04°42'40" E - 35.43' to a point; thence (2) S 01°03'43" W - 46.08' to a point; thence N 88°56'17" W - 40.15' to an iron rod with a cap stamped "FStan 3282" on the southeast corner of the Lease Area; thence with the east line of said Lease Area N 10°22'56" E - 80.00' to the point of beginning, containing 2,632.35 square feet as per survey by Frank L. Sellinger, II dated February 29, 2024.



The utility information shown on this plat, prepared by FSTAN was obtained from existing records and/or by field locations. It is the contractor's responsibility to verify their existence and location, and to contact the appropriate utility company for field locations.

LAND SURVEYOR'S CERTIFICATE

TYPE "A" SURVEY: UNADJUSTED TRAVERSE CLOSURE BETTER THAN 1 IN 10,000.

TO BLUE SKY TOWERS IV, LLC, THE OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, AND ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED

I hereby certify that this plat and survey were made under my supervision, and that the angular and linear measurements, as witnessed by monuments shown hereon, are true and correct to the best of my knowledge and belief. This survey and plat meets or exceeds the minimum standards of Kentucky KRS 322 - 201 KAR 18. This property is subject to any recorded easements or right of ways not shown hereon.

Frank L. Sellinger, II 11-22-24
 Frank L. Sellinger, II KY. Reg. No. 3282
 Licensed Professional Land Surveyor



I HAVE REVIEWED THE FLOOD INSURANCE RATE MAPS (FIRM) MAP NO. 21187C0175C DATED 6/2/2011 AND THE LEASE AREA DOES NOT APPEAR TO BE IN A FLOOD PRONE AREA. THE LEASE AREA IS LOCATED IN ZONE "X". THE LEASE AREA IS OVER 2,300' FROM A FLOOD PRONE AREA.

PREPARED FOR:



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



1012 S 4th Street, Suite 101
 Louisville, Ky 40203
 Phone: (502) 636-5111
 Fax: (502) 636-5263

SITE NUMBER:

KY-00765

SITE NAME:

LV LUSBY'S MILL

SITE ADDRESS:

KENTUCKY HIGHWAY 330
CORNTH, KY 41010

LEASE AREA:

6,400.00 SQ.FT.

PROPERTY OWNER:

MARY L. & WILLIAM A ATHA, JR.
9475 KY HIGHWAY 330
CORNTH, KY 41010

PARCEL NUMBER:

099-00-00-001.02

SOURCE OF TITLE:

D.B. 253, PG. 538

DWG BY: SNS

FIELD DATE: 02.15.24

DRAFT DATE:

02.29.24

FSTAN PROJECT NO.:

24-11970

SHEET 1 OF 2

REVISIONS:

ADD TITLE NOTES - 09.12.24

FINAL (S&S) - 11.04.24

TYPO LL SIGN BOX - 11.22.24

RAWLAND

 - LEGAL DESCRIPTIONS (PARENT TRACT)

 - TITLE REVIEW



PARENT TRACT DESCRIPTION (PROVIDED BY OTHERS)

LYING AND BEING IN OWEN COUNTY, KENTUCKY ON THE WEST SIDE OF KENTUCKY ROUTE #330, 310 FEET NORTHWEST OF PLEASANT GROVE ROAD (DOG WALK ROAD) AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

UNLESS STATED OTHERWISE, ANY MONUMENT REFERRED TO AS AN "IRON PIN SET" IS AN 18" LONG BY 1/2 DIAMETER REBAR WITH A PLASTIC CAP STAMPED "2709 3612"; UNLESS STATED OTHERWISE, ANY MONUMENT REFERRED TO AS AN "IRON PIN FOUND" IS A REBAR WITH A PLASTIC CAP STAMPED "819" THE BASIC OF BEARINGS FOR THIS DESCRIPTION IS THE WEST LINE OF DEBORAH PRIMEAU RECORDED IN DEED 199, PAGE 200.

BEGINNING AT A MAGNAIL SET IN THE CENTER OF KENTUCKY ROUTE #330, A CORNER TO JAMES ALLEN (DEED BOOK 217, PAGE 583); THENCE WITH MAGNAILS SET IN THE CENTER OF KENTUCKY ROUTE #330, S 35°23'33" E----- 56.95 FEET; THENCE, S 27°01'15" E----- 60.68 FEET; THENCE, S 17°10'39" E----- 50.73 FEET; THENCE, S 09°07'50" E----- 77.81 FEET; THENCE, S 00°44'59" E----- 77.60 FEET; THENCE, S 05°01'24" W----- 94.80 FEET; THENCE, S 10°03'56" W----- 83.41 FEET; THENCE, S 15°05'57" W----- 83.04 FEET; THENCE, S 20°20'15" W----- 95.51 FEET; THENCE S 23°30'59" W----- 82.65 FEET; THENCE, S 27°15'38" W----- 85.83 FEET; THENCE S 30°15'19" W----- 105.25 FEET; THENCE, S 27°33'47" W----- 61.20 FEET; THENCE, S 20°22'27" W----- 55.01 FEET; THENCE, S 10°37'01" W----- 61.20 FEET; THENCE, S 00°57'18" E----- 63.16 FEET; THENCE S 13°33'32" E----- 56.72 FEET; THENCE, S 26°36'27" E----- 64.49 FEET; THENCE, S 42°14'14" E----- 71.08 FEET TO A MAGNAIL SET, A CORNER TO HUGH ALEXANDER; THENCE WITH THE LINE OF ALEXANDER S 72°03'31" W ----- PASSING THROUGH AN IRON PIN SET AT 38.16 FEET FOR A TOTAL DISTANCE OF 733.20 FEET TO A 36" HICKORY; THENCE, N 88°54'06" W-----529.43 FEET TO AN IRON PIN FOUND, A CORNER TO JAMES ALLEN; THENCE WITH LINE OF ALLEN, N 15°08'10" W----- 488.07 FEET TO AN IRON PIN FOUND BY A WALNUT; THENCE, N 47°21'37" E----- 696.00 FEET TO AN IRON PIN FOUND; THENCE, N 61°34'39" E----- 352.16 FEET TO A 15" HICKORY; THENCE N 73°49'11" E----- 82.70 FEET TO A 22" WALNUT; THENCE N 59°57'35", E----- 64.12 FEET TO AN 18" WALNUT; THENCE, N 49°32'02" E----- 244.81 FEET TO AN IRON PIN FOUND; THENCE, N 58°28'30", E----- PASSING THROUGH AN IRON FOUND AT 318.73 FEET FOR A TOTAL DISTANCE OF 344.36 FEET TO THE POINT OF BEGINNING, CONTAINING 30.6028 ACRES LESS A 30-FEET-WIDE, 0.9536 ACRE RIGHT OF WAY PARCEL ADJOINING KENTUCKY ROUTE #330 LEAVING A NET ACREAGE OF 29.6492 MORE OR LESS EXCLUSIVE OF ALL RIGHT OF WAYS AND EASEMENTS, ACCORDING TO A SURVEY BY CAHILL SURVEYORS, INC. ON AUGUST 7, 2006.

TAX ID: 099-00-00-001.02

BEING THE SAME PROPERTY CONVEYED TO WILLIAM A. ATHA, JR. AND MARY L. ATHA, HUSBAND AND WIFE, FOR THEIR JOINT LIVES, REMAINDER TO THE SURVIVOR OF THEM, GRANTEE, FROM BILLY R. GREEN, AN UNMARRIED PERSON, GRANTOR, BY GENERAL WARRANTY DEED RECORDED 05/31/2018, IN BOOK 253, PAGE 538 OF THE OWEN COUNTY RECORDS.

SURVEYOR'S REVIEW OF "SPECIAL EXCEPTIONS"

NOTES CORRESPONDING TO THE OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, "ALTA COMMITMENT FOR TITLE INSURANCE", COMMITMENT NUMBER: 01-24004628-01T AND LOAN ID NUMBER: KY-00765 LUSBYS MILL, EFFECTIVE DATE: 08/23/2024 AT 7:00 AM.

- 9. EXCHANGE PLANT PERMIT, RECORDED 07/30/1969, IN BOOK 114 PAGE 582 OF THE OWEN COUNTY RECORDS. (DOES NOT AFFECT THE LEASE AREA, OR THE ACCESS & UTILITY EASEMENT SHOWN PER THIS SURVEY)
- 10. RIGHT-OF-WAY EASEMENT IN FAVOR OF SOUTH CENTRAL BELL TELEPHONE COMPANY, RECORDED 06/29/1976, IN BOOK 132 PAGE 230 OF THE OWEN COUNTY RECORDS. (DOES NOT AFFECT THE LEASE AREA, OR THE ACCESS & UTILITY EASEMENT SHOWN PER THIS SURVEY)
- 11. RIGHT-OF-WAY EASEMENT IN FAVOR OF SOUTH CENTRAL BELL TELEPHONE COMPANY, RECORDED 06/29/1976, IN BOOK 132 PAGE 237 OF THE OWEN COUNTY RECORDS. (DOES NOT AFFECT THE LEASE AREA, OR THE ACCESS & UTILITY EASEMENT SHOWN PER THIS SURVEY)
- 12. SUBJECT TO EASEMENT AS SET FORTH IN DEED, RECORDED 12/20/1988, IN BOOK 158, PAGE 88 OF THE OWEN COUNTY RECORDS. (DOES NOT AFFECT THE LEASE AREA, OR THE ACCESS & UTILITY EASEMENT SHOWN PER THIS SURVEY)
- 13. RIGHT OF WAY & EASEMENT IN FAVOR OF SOUTH CENTRAL BELL TELEPHONE COMPANY, RECORDED 03/19/1991, IN BOOK 163, PAGE 590 OF THE OWEN COUNTY RECORDS. (DOES NOT AFFECT THE LEASE AREA, OR THE ACCESS & UTILITY EASEMENT SHOWN PER THIS SURVEY)
- 14. EASEMENT AGREEMENT, BY AND BETWEEN WILMA HUGHES, AND KENTUCKY-AMERICAN WATER COMPANY, RECORDED 02/25/2003, IN BOOK 205 PAGE 439 OF THE OWEN COUNTY RECORDS. (DOES NOT AFFECT THE LEASE AREA, OR THE ACCESS & UTILITY EASEMENT SHOWN PER THIS SURVEY)
- 15. A MORTGAGE TO SECURE AN INDEBTEDNESS OF THE AMOUNT STATED AND ANY OTHER AMOUNTS PAYABLE UNDER THE TERMS THEREOF:
 AMOUNT: \$105,000.00
 MORTGAGOR: MARY L. ATHA AND WILLIAM A. ATHA JR
 MORTGAGEE: CITIZENS UNION BANK OF SHELBYVILLE
 DATED: 01/07/2021
 RECORDED: 01/12/2021
 DOC#/BOOK-PAGE: 300-446 (NOT A SURVEY ISSUE)
- 16. MEMORANDUM OF LEASE BY AND BETWEEN WILLIAM A. ATHA JR. AND MARY L. ATHA, LANDLORD, AND BLUE SKY TOWERS IV, LLC, A DELAWARE LIMITED LIABILITY COMPANY, TENANT, RECORDED 05/29/2024 IN BOOK D274 PAGE 723 OF THE OWEN COUNTY RECORDS. (DOES AFFECT THE LEASE AREA AND ACCESS & UTILITY ESMT. SHOWN PER THIS SURVEY)

PREPARED FOR:



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



1012 S 4th Street, Suite 101
Louisville, Ky 40203
Phone: (502) 636-5111
Fax: (502) 636-5263

SITE NUMBER:
KY-00765

SITE NAME:
LV LUSBYS MILL

SITE ADDRESS:
KENTUCKY HIGHWAY 330
CORNTH, KY 41010

LEASE AREA:
6,400.00 SQ.FT.

PROPERTY OWNER:
MARY L. & WILLIAM A ATHA, JR.
9475 KY HIGHWAY 330
CORNTH, KY 41010

PARCEL NUMBER:
099-00-00-001.02

SOURCE OF TITLE:
D.B. 253, PG. 538

DWG BY: SNS FIELD DATE: 02.15.24 DRAFT DATE: 02.29.24
CHKD BY: FLS

FSTAN PROJECT NO.:
24-11970

SHEET 2 OF 2

REVISIONS:

- ADD TITLE NOTES - 09.12.24
- FINAL (S&S) - 11.04.24
- TYP0 LL SIGN BOX - 11.22.24

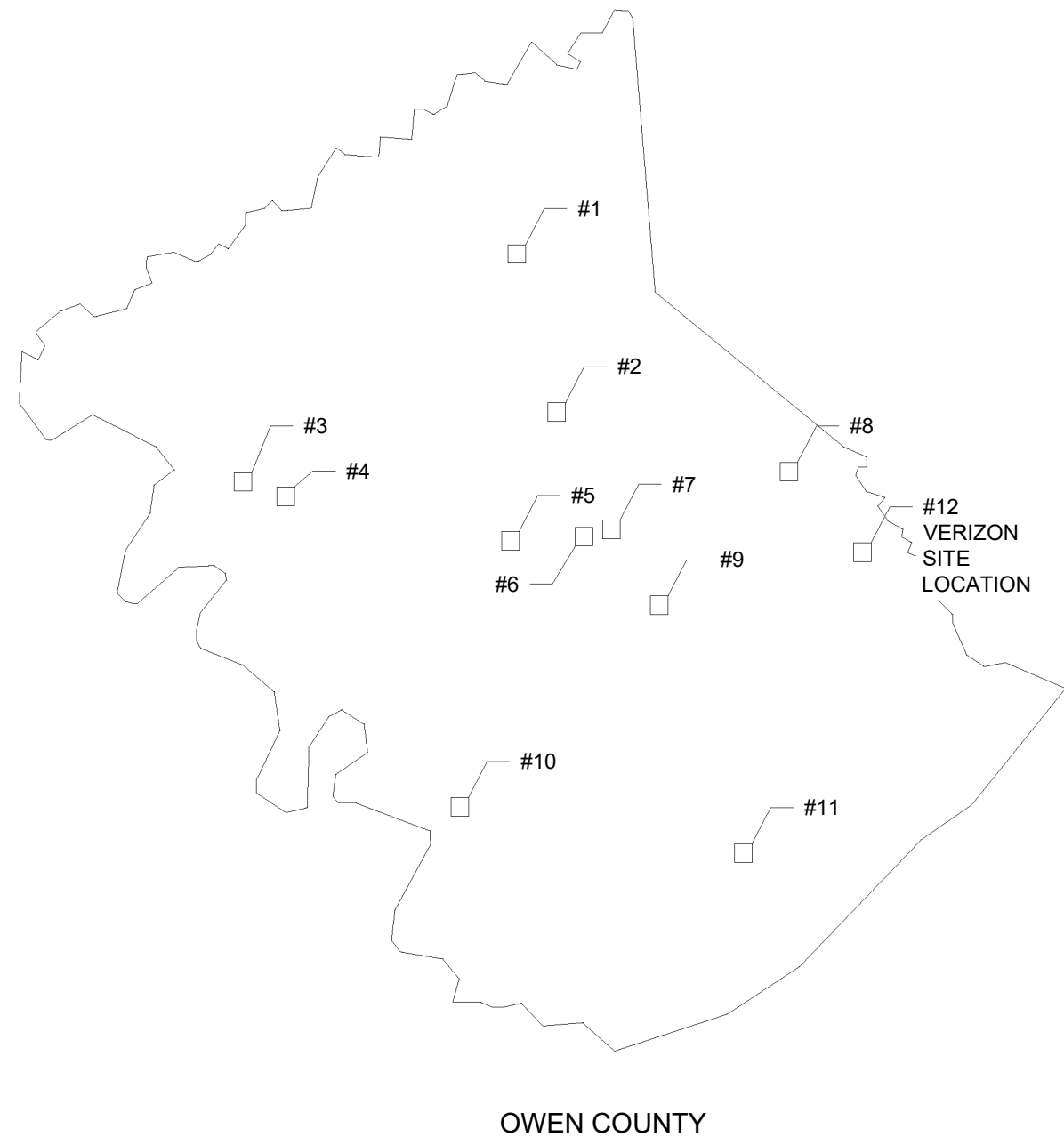


LAND SURVEYOR'S CERTIFICATE
 TYPE "A" SURVEY: UNADJUSTED TRAVERSE CLOSURE BETTER THAN 1 IN 10,000.
 TO BLUE SKY TOWERS IV, LLC, THE OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, AND ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED

I hereby certify that this plat and survey were made under my supervision, and that the angular and linear measurements, as witnessed by monuments shown hereon, are true and correct to the best of my knowledge and belief. This survey and plat meets or exceeds the minimum standards of Kentucky KRS 322 - 201 KAR 18. This property is subject to any recorded easements or right of ways not shown hereon.

Frank L. Sellinger, II 11-22-24
 Frank L. Sellinger, II KY. Reg. No. 3282
 Licensed Professional Land Surveyor

RAWLAND



TOWER	ASR	LATITUDE	LONGITUDE	TOWER OWNER
#1.	1305983	38° 37' 47.0" N	84° 50' 35.4" W	TILLMAN INFRASTRUCTURE, LLC
#2.	1312562	38° 34' 17.3" N	84° 49' 28.7" W	VB BTS II, LLC
#3.	1235662	38° 32' 36.1" N	84° 58' 31.9" W	CELLCO PARTNERSHIP
#4.	1304821	38° 32' 26.4" N	84° 57' 15.5" W	UNITI TOWERS LLC
#5.	1043324	38° 31' 26.1" N	84° 50' 39.9" W	CROWN CASTLE SOUTH LLC
#6.	1048215	38° 31' 32.0" N	84° 48' 39.0" W	KENTUCKY AUTHORITY FOR EDUCATIONAL TELEVISION DBA = WKON
#7.	1311959	38° 31' 43.5" N	84° 47' 57.8" W	VB BTS II, LLC
#8.	1305293	38° 33' 1.3" N	84° 42' 55.4" W	TILLMAN INFRASTRUCTURE, LLC
#9.	1306654	38° 30' 3.7" N	84° 46' 30.6" W	TILLMAN INFRASTRUCTURE, LLC
#10.	1239816	38° 25' 28.1" N	84° 52' 11.1" W	CELLCO PARTNERSHIP
#11.	1303987	38° 24' 33.4" N	84° 44' 12.0" W	TILLMAN INFRASTRUCTURE LLC
#12.	TBD	38° 31' 17.66" N	84° 40' 35.41" W	BLUE SKY TOWERS, IV LLC



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	PLS
CHECKED BY	SEH

REVISIONS			
#	DATE	BY	DESCRIPTION
3	01/14/25	WAM	FINALS
2	11/22/24	MDR	FINALS
1	11/15/24	DWS	FINALS
0	11/01/24	DWS	FINALS
C	09/09/24	MJB	REVISIONS ADDED
B	08/27/24	DLS	TOWER HEIGHT CORRECTION

FOR REFERENCE



FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

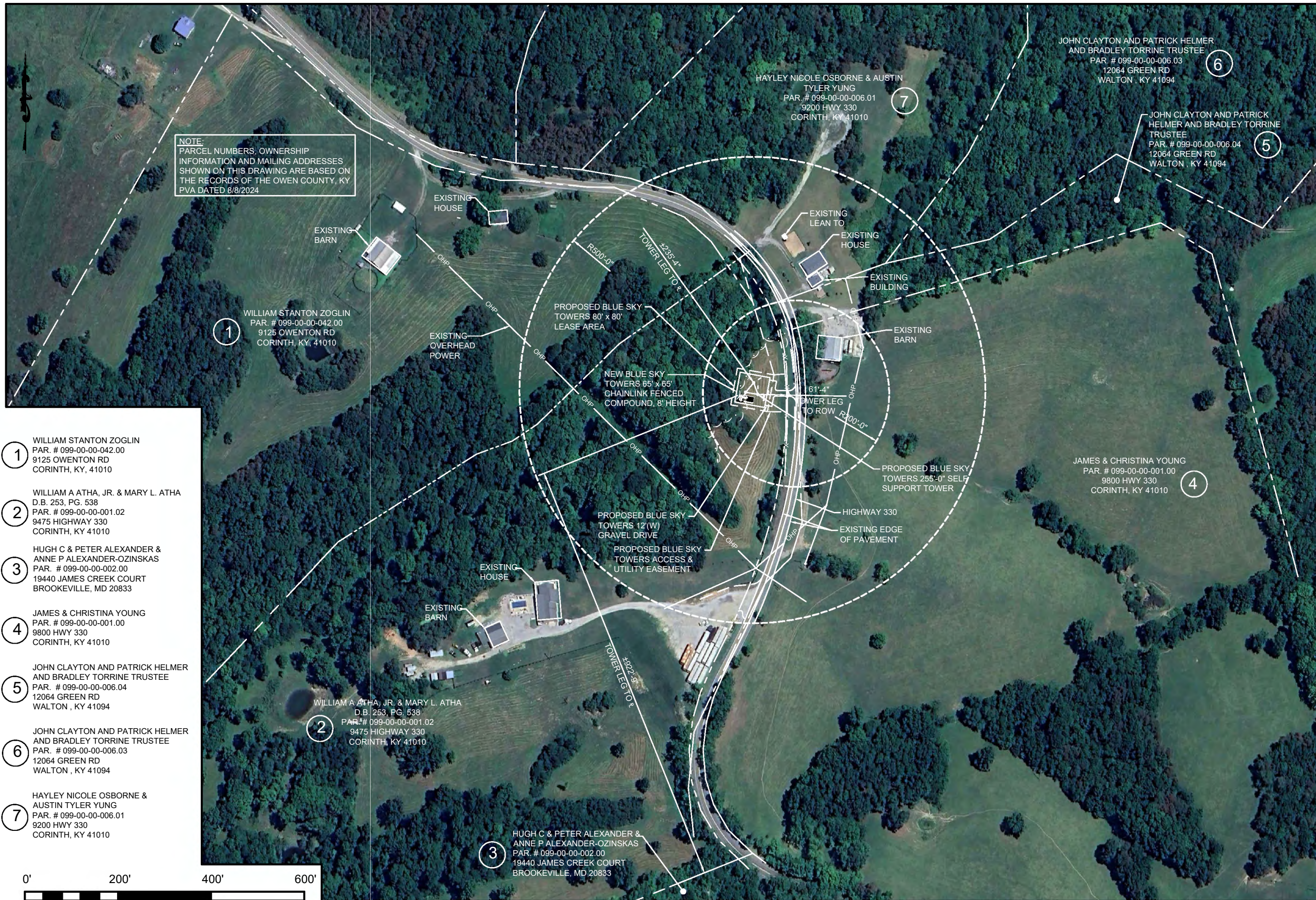
BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE: RAWLAND

SHEET TITLE : COUNTY TOWER MAP

DRAWING # :	REVISION :
Z1	3



NOTE:
PARCEL NUMBERS, OWNERSHIP
INFORMATION AND MAILING ADDRESSES
SHOWN ON THIS DRAWING ARE BASED ON
THE RECORDS OF THE OWEN COUNTY, KY
PVA DATED 8/8/2024

- 1 WILLIAM STANTON ZOGLIN
PAR. # 099-00-00-042.00
9125 OWENTON RD
CORINTH, KY, 41010
- 2 WILLIAM A ATHA, JR. & MARY L. ATHA
D.B. 253, PG. 538
PAR. # 099-00-00-001.02
9475 HIGHWAY 330
CORINTH, KY 41010
- 3 HUGH C & PETER ALEXANDER &
ANNE P ALEXANDER-OZINSKAS
PAR. # 099-00-00-002.00
19440 JAMES CREEK COURT
BROOKEVILLE, MD 20833
- 4 JAMES & CHRISTINA YOUNG
PAR. # 099-00-00-001.00
9800 HWY 330
CORINTH, KY 41010
- 5 JOHN CLAYTON AND PATRICK HELMER
AND BRADLEY TORRINE TRUSTEE
PAR. # 099-00-00-006.04
12064 GREEN RD
WALTON, KY 41094
- 6 JOHN CLAYTON AND PATRICK HELMER
AND BRADLEY TORRINE TRUSTEE
PAR. # 099-00-00-006.03
12064 GREEN RD
WALTON, KY 41094
- 7 HAYLEY NICOLE OSBORNE &
AUSTIN TYLER YUNG
PAR. # 099-00-00-006.01
9200 HWY 330
CORINTH, KY 41010

WILLIAM A. ATHA, JR. & MARY L. ATHA
D.B. 253, PG. 538
PAR. # 099-00-00-001.02
9475 HIGHWAY 330
CORINTH, KY 41010

HUGH C & PETER ALEXANDER &
ANNE P ALEXANDER-OZINSKAS
PAR. # 099-00-00-002.00
19440 JAMES CREEK COURT
BROOKEVILLE, MD 20833

HAYLEY NICOLE OSBORNE & AUSTIN
TYLER YUNG
PAR. # 099-00-00-006.01
9200 HWY 330
CORINTH, KY 41010

JOHN CLAYTON AND PATRICK HELMER
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12064 GREEN RD
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HELMER AND BRADLEY TORRINE
TRUSTEE
PAR. # 099-00-00-006.04
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PAR. # 099-00-00-001.00
9800 HWY 330
CORINTH, KY 41010



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	PLS
CHECKED BY	SEH

REVISIONS			
#	DATE	BY	DESCRIPTION
3	01/14/25	WAM	FINALS
2	11/22/24	MDR	FINALS
1	11/15/24	DWS	FINALS
0	11/01/24	DWS	FINALS
C	09/09/24	MJB	REVISIONS ADDED
B	08/27/24	DLS	TOWER HEIGHT CORRECTION



FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

BLUE SKY SITE # : TBD

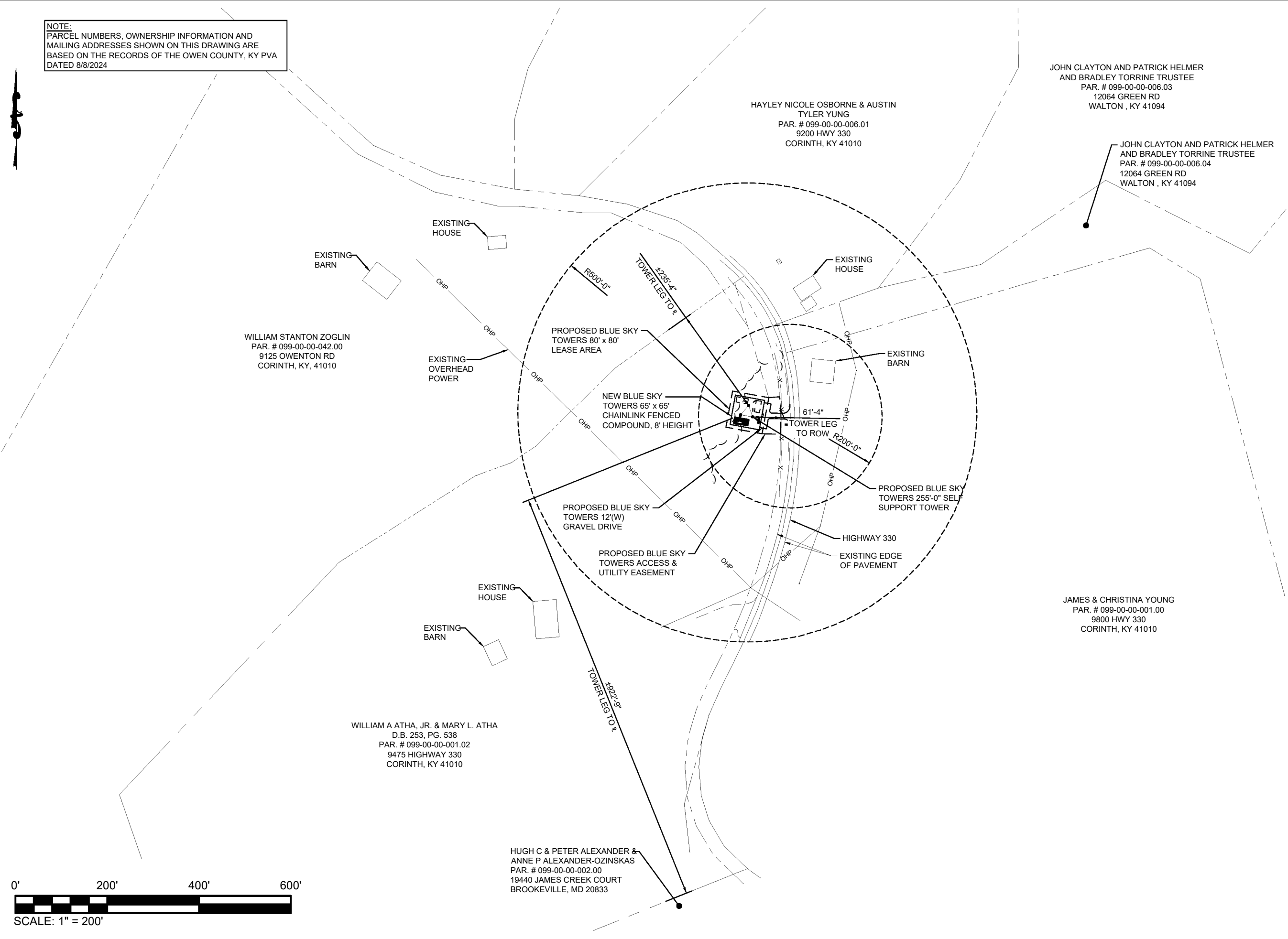
SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE : RAWLAND

SHEET TITLE : OVERALL SITE LAYOUT

DRAWING # :	REVISION :
Z2	3

NOTE:
 PARCEL NUMBERS, OWNERSHIP INFORMATION AND
 MAILING ADDRESSES SHOWN ON THIS DRAWING ARE
 BASED ON THE RECORDS OF THE OWEN COUNTY, KY PVA
 DATED 8/8/2024



HAYLEY NICOLE OSBORNE & AUSTIN
 TYLER YUNG
 PAR. # 099-00-00-006.01
 9200 HWY 330
 CORINTH, KY 41010

JOHN CLAYTON AND PATRICK HELMER
 AND BRADLEY TORRINE TRUSTEE
 PAR. # 099-00-00-006.03
 12064 GREEN RD
 WALTON, KY 41094

JOHN CLAYTON AND PATRICK HELMER
 AND BRADLEY TORRINE TRUSTEE
 PAR. # 099-00-00-006.04
 12064 GREEN RD
 WALTON, KY 41094

WILLIAM STANTON ZOGLIN
 PAR. # 099-00-00-042.00
 9125 OWENTON RD
 CORINTH, KY, 41010

WILLIAM A ATHA, JR. & MARY L. ATHA
 D.B. 253, PG. 538
 PAR. # 099-00-00-001.02
 9475 HIGHWAY 330
 CORINTH, KY 41010

HUGH C & PETER ALEXANDER &
 ANNE P ALEXANDER-OZINSKAS
 PAR. # 099-00-00-002.00
 19440 JAMES CREEK COURT
 BROOKEVILLE, MD 20833

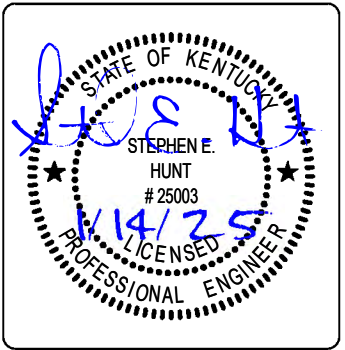


1961 NORTHPOINT BLVD.
 SUITE 130
 HIXSON, TN 37343
 PH : 423-843-9500
 FAX : 423-843-9509

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	PLS
CHECKED BY	SEH

REVISIONS			
#	DATE	BY	DESCRIPTION
3	01/14/25	WAM	FINALS
2	11/22/24	MDR	FINALS
1	11/15/24	DWS	FINALS
0	11/01/24	DWS	FINALS
C	09/09/24	MJB	REVISIONS ADDED
B	08/27/24	DLS	TOWER HEIGHT CORRECTION



FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
 CORINTH, KY 41010

SITE TYPE: RAWLAND

SHEET TITLE : OVERALL SITE LAYOUT

DRAWING # :	REVISION :
Z3	3



NOTE:
 PARCEL NUMBERS, OWNERSHIP INFORMATION AND
 MAILING ADDRESSES SHOWN ON THIS DRAWING ARE
 BASED ON THE RECORDS OF THE OWEN COUNTY, KY PVA
 DATED 8/8/2024

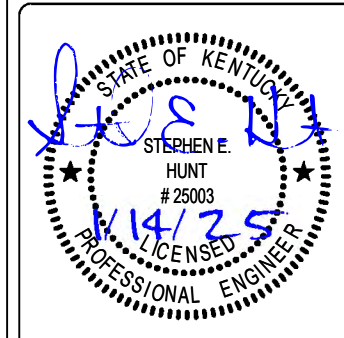


1961 NORTHPOINT BLVD.
 SUITE 130
 HIXSON, TN 37343
 PH : 423-843-9500
 FAX : 423-843-9509

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CHECKED BY	SEH

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FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

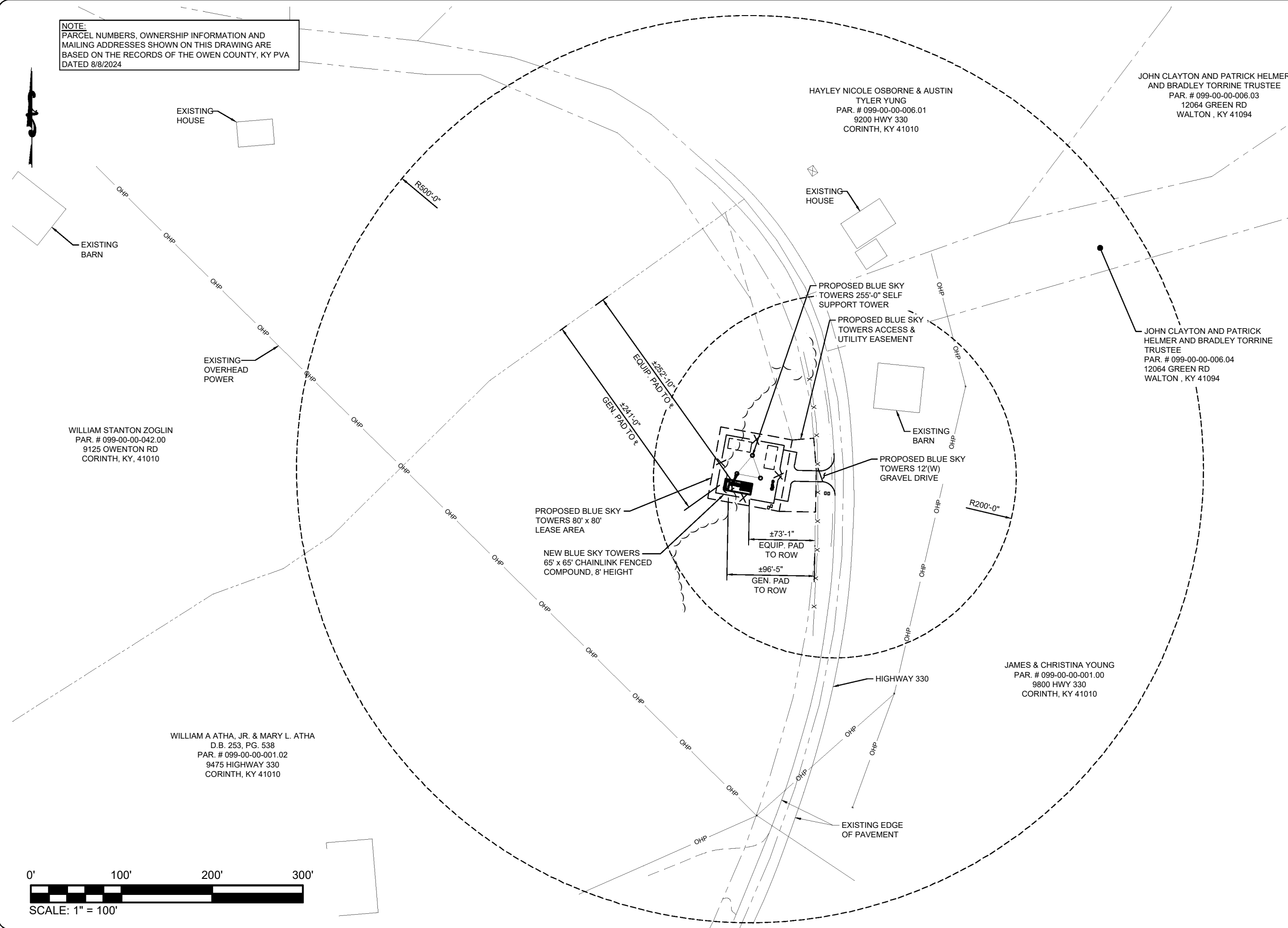
BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
 CORINTH, KY 41010

SITE TYPE : RAWLAND

SHEET TITLE : OVERALL SITE LAYOUT

DRAWING # :	REVISION :
Z4	3



HAYLEY NICOLE OSBORNE & AUSTIN
 TYLER YUNG
 PAR. # 099-00-00-006.01
 9200 HWY 330
 CORINTH, KY 41010

JOHN CLAYTON AND PATRICK HELMER
 AND BRADLEY TORRINE TRUSTEE
 PAR. # 099-00-00-006.03
 12064 GREEN RD
 WALTON, KY 41094

JOHN CLAYTON AND PATRICK
 HELMER AND BRADLEY TORRINE
 TRUSTEE
 PAR. # 099-00-00-006.04
 12064 GREEN RD
 WALTON, KY 41094

WILLIAM STANTON ZOGLIN
 PAR. # 099-00-00-042.00
 9125 OWENTON RD
 CORINTH, KY, 41010

JAMES & CHRISTINA YOUNG
 PAR. # 099-00-00-001.00
 9800 HWY 330
 CORINTH, KY 41010

WILLIAM A ATHA, JR. & MARY L. ATHA
 D.B. 253, PG. 538
 PAR. # 099-00-00-001.02
 9475 HIGHWAY 330
 CORINTH, KY 41010



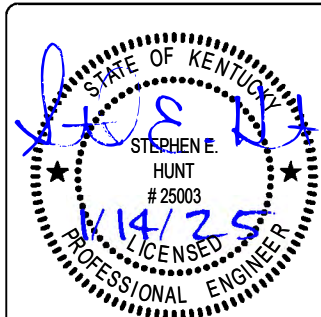


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FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE : RAWLAND

SHEET TITLE : SITE PLAN

DRAWING # :	REVISION :
Z5	3

PROPOSED BLUE SKY TOWERS
80' x 80' LEASE AREA

NEW BLUE SKY TOWERS
65' x 65' CHAINLINK FENCED
COMPOUND, 8' HEIGHT

PROPOSED BLUE
SKY TOWERS
255'-0" SELF
SUPPORT
TOWER

EXISTING
RIGHT OF
WAY

PROPOSED BLUE SKY
TOWERS ACCESS &
UTILITY EASEMENT

EXISTING
FENCE

EXISTING
BARN

EXISTING
GATE

PROPOSED BLUE SKY
TOWERS 12'(W)
GRAVEL DRIVE

24"x36" VEHICLE RATED
VERIZON WIRELESS ONLY
FIBER SERVICE HAND HOLE

24"x36" VEHICLE RATED BTS
FUTURE FIBER SERVICE
HAND HOLE

HIGHWAY 330

EXISTING EDGE
OF PAVEMENT

24"x36" VEHICLE RATED BTS
FUTURE FIBER SERVICE
HAND HOLE

24"x36" VEHICLE RATED
HAND HOLE FOR VERIZON
WIRELESS ONLY FIBER
SERVICE

EXISTING
TREELINE, TYP.

WILLIAM A ATHA, JR. & MARY L. ATHA
D.B. 253, PG. 538
PAR. # 099-00-00-001.02
9475 HIGHWAY 330
CORINTH, KY 41010



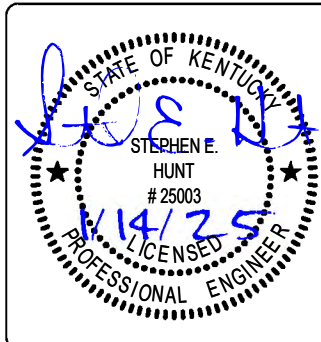


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FUZE ID : 617400547

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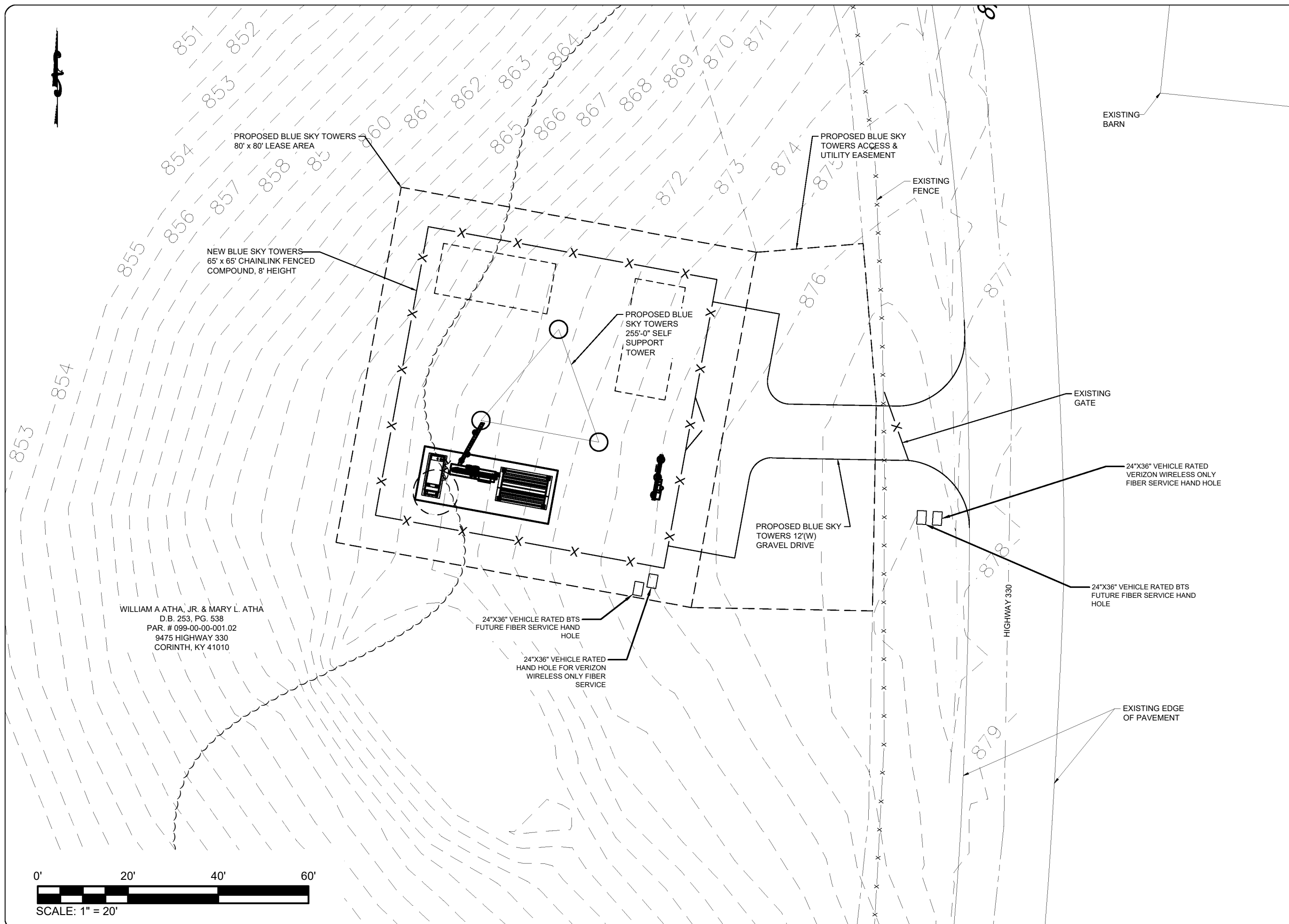
BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE : RAWLAND

SHEET TITLE : EROSION CONTROL SITE PLAN

DRAWING # :	REVISION :
Z6	3



WILLIAM A ATHA, JR. & MARY L. ATHA
D.B. 253, PG. 538
PAR. # 099-00-00-001.02
9475 HIGHWAY 330
CORINTH, KY 41010



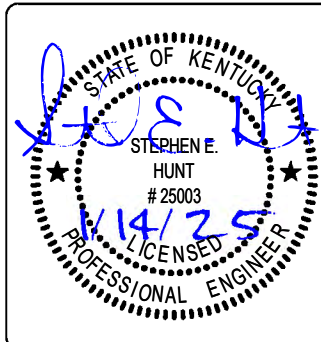


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FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

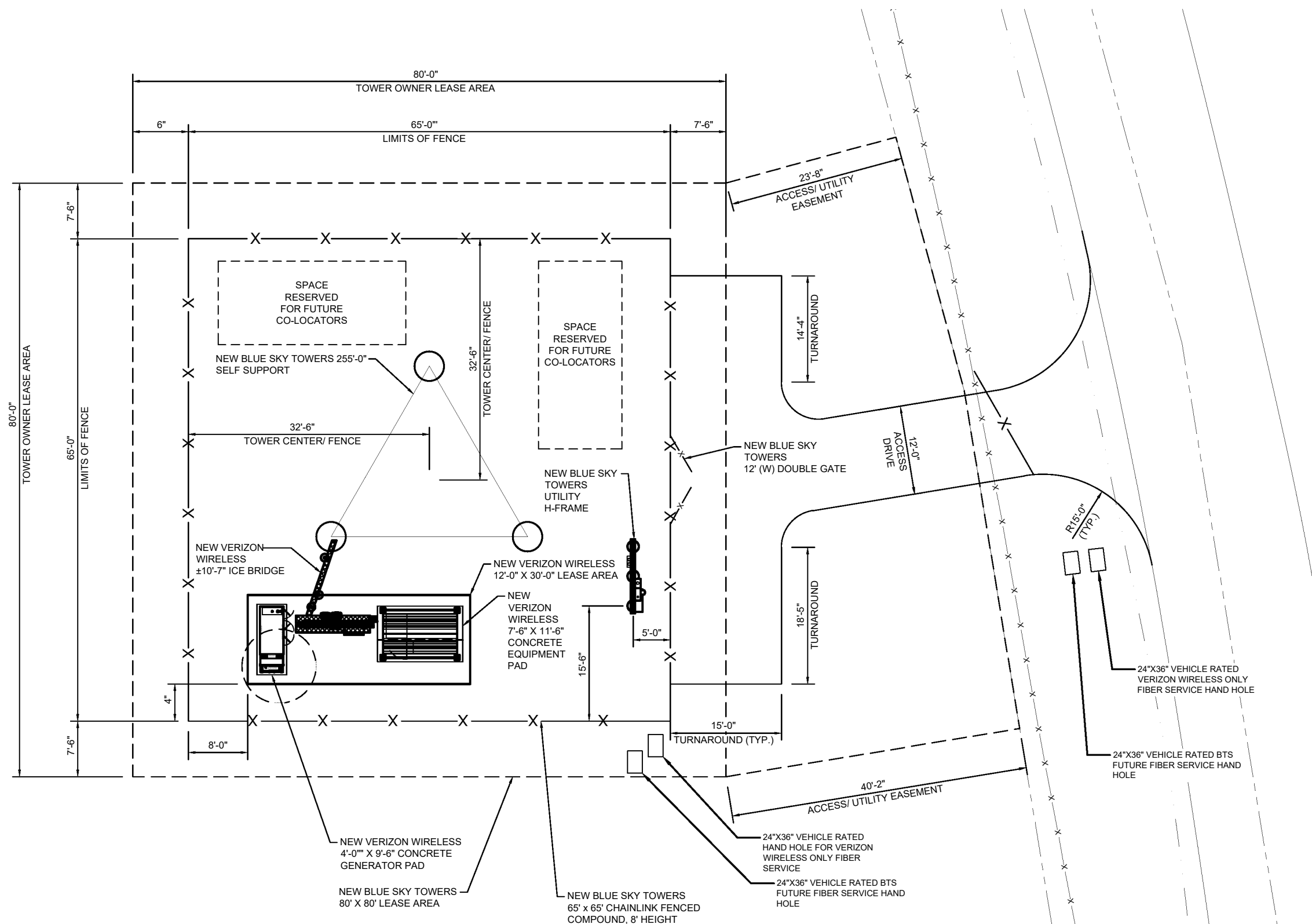
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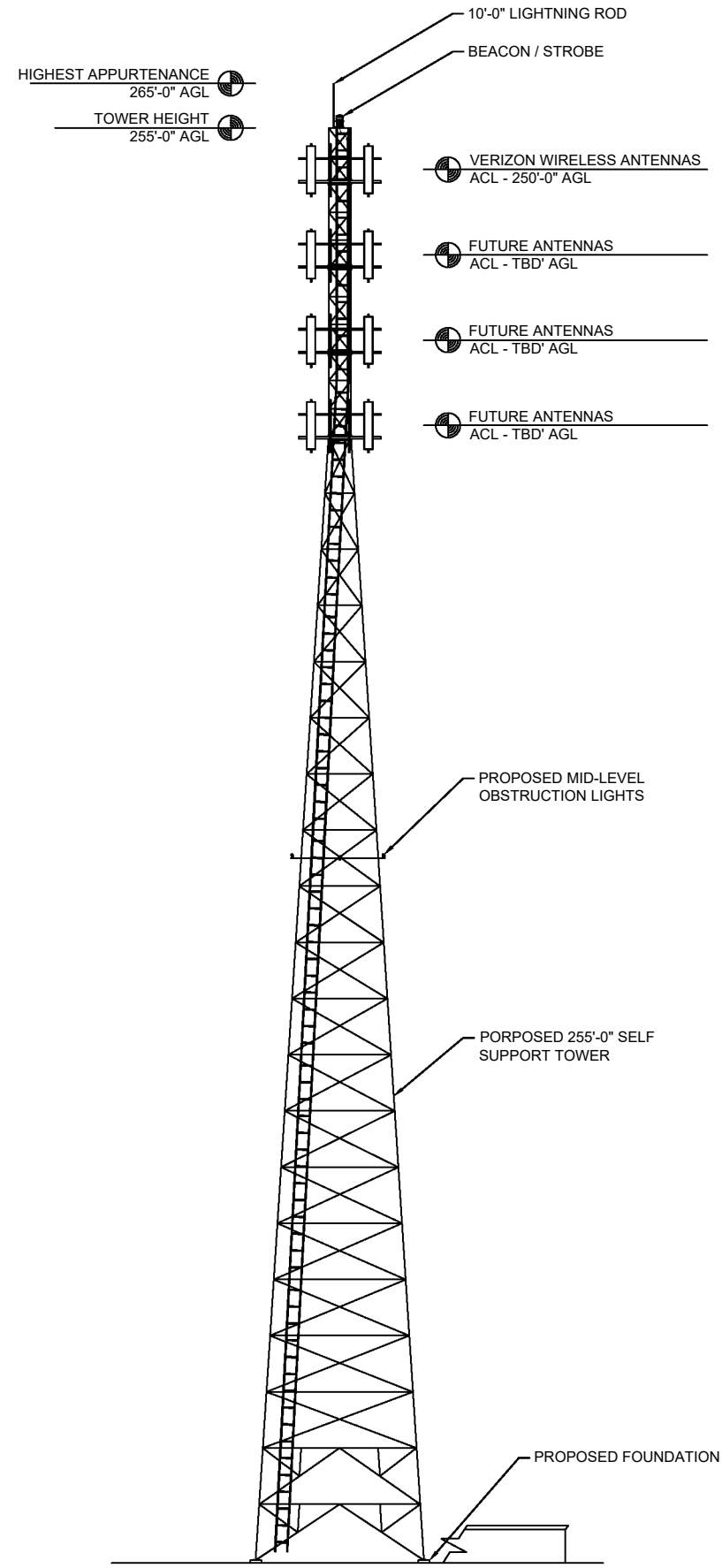
SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE : RAWLAND

SHEET TITLE : DIMENSION SITE PLAN

DRAWING # : Z7
REVISION : 3





TOWER ELEVATION
NTS

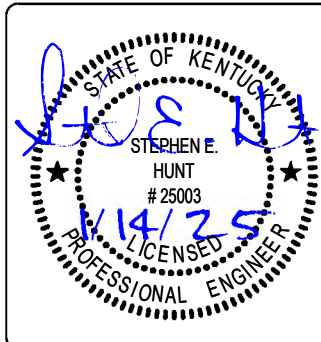


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SITE NAME : LV LUSBYS MILL

BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE: RAWLAND

SHEET TITLE : TOWER ELEVATION

DRAWING # :	REVISION :
Z8	3

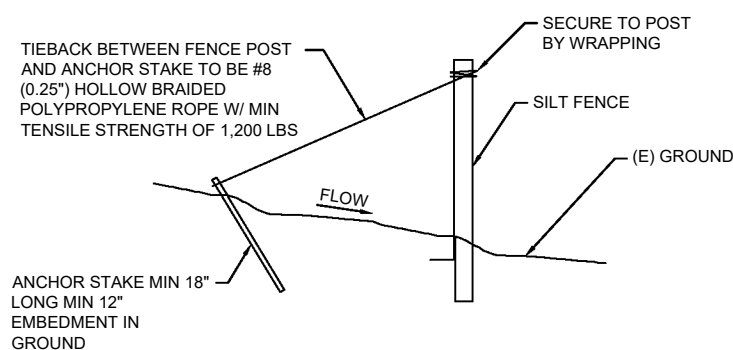
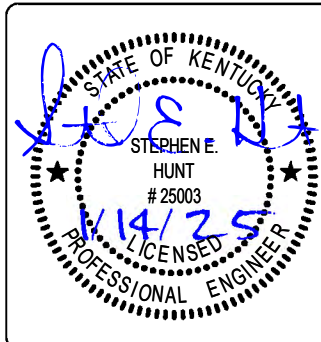


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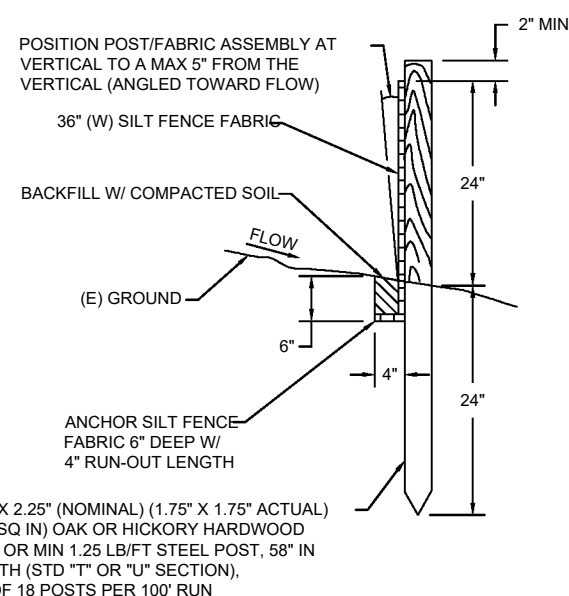
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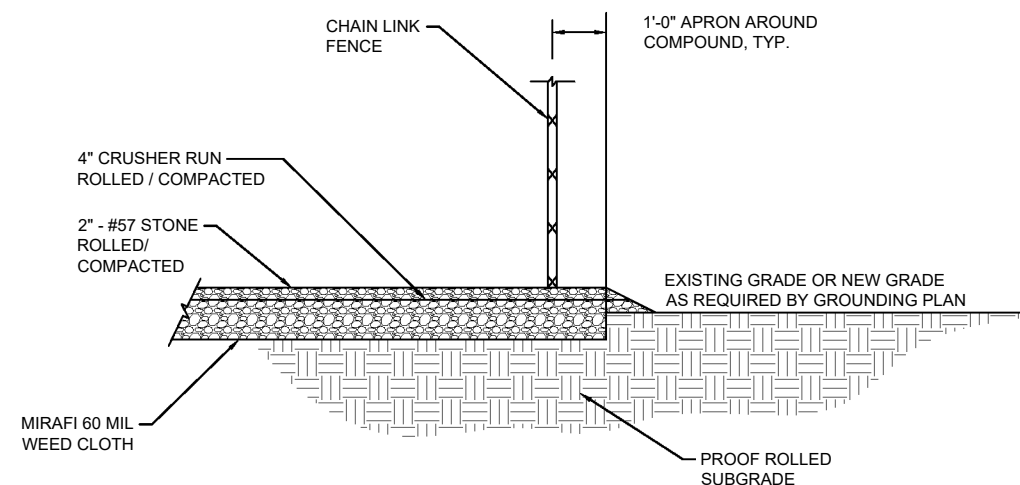


SILT FENCE TIEBACK FOR STEEL OR WOOD POSTS

SILT FENCE DETAIL ①
NTS



SECTIONAL VIEW



COMPOUND SURFACING ②
NTS



FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE : RAWLAND

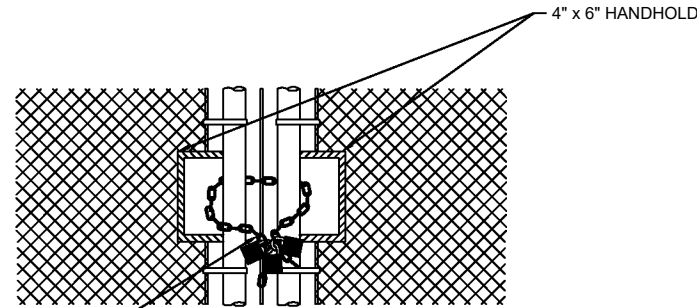
SHEET TITLE : SITE DETAILS

DRAWING # :	REVISION :
Z9	3

TYPICAL WOVEN WIRE FENCING NOTES:

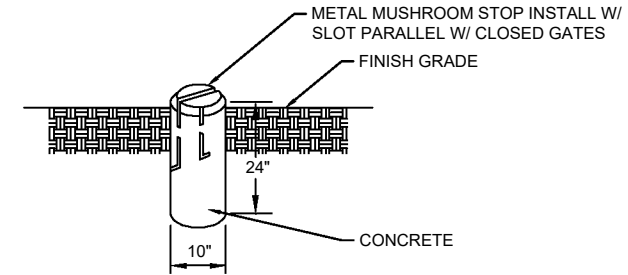
(INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F-900)

- GATE POST, CORNER, TERMINAL OR PULL POST SHALL BE 3"Ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 7 FEET OR 14 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
- 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)
- HEIGHT= 8' VERTICAL. WORK WITH SPECIFICATION 2831.

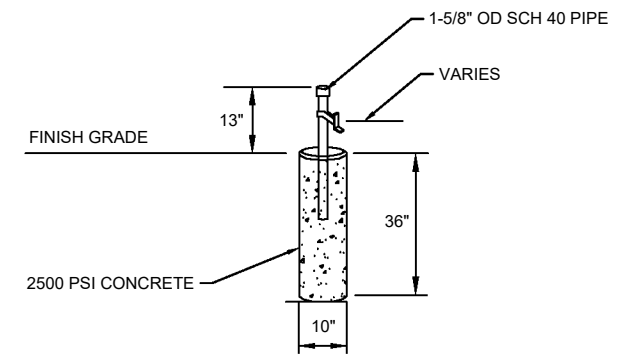


CONTRACTOR TO SUPPLY & INSTALL A 3/8" x 36" FORGED ZINC COATED CHAIN W/ A FOUR DIGIT COMBO MASTER LOCK W/ ELONGATED SHANK

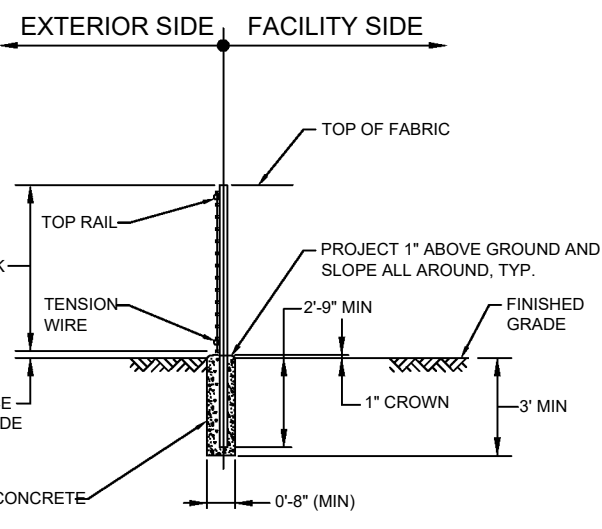
FENCE LOCK DETAIL
NTS



MUSHROOM STOP
NTS

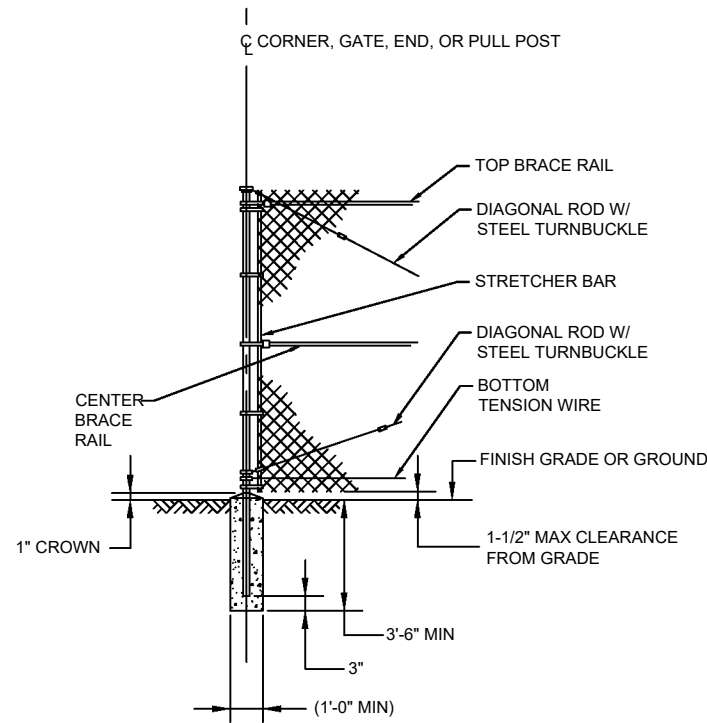


GATE STOP DETAIL
NTS

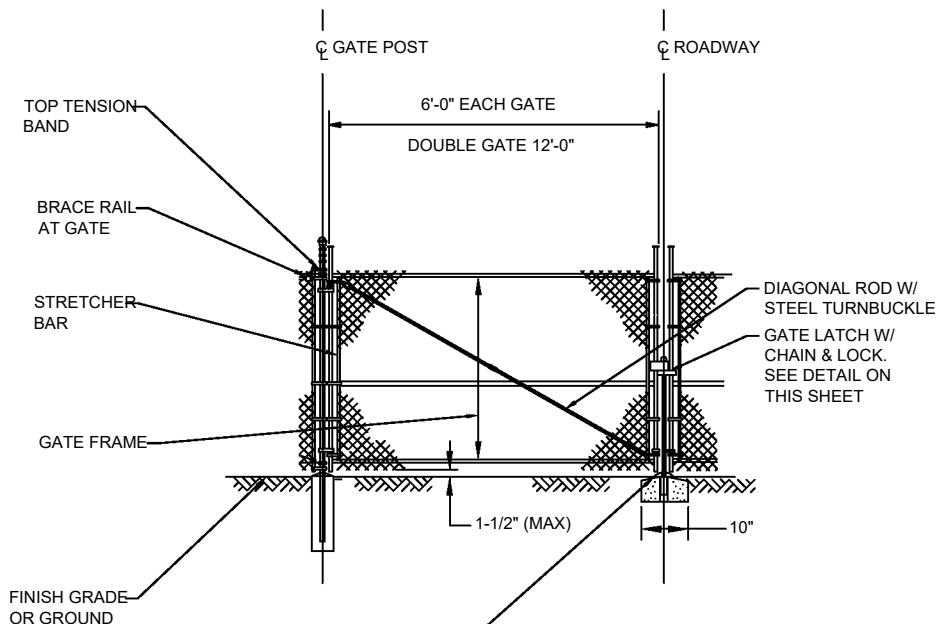


TYPICAL SECTION

WOVEN WIRE FENCE ①
NTS



WOVEN WIRE CORNER, GATE, END OR PULL POST ②
NTS



GALVANIZED GATE CENTER STOP 6-1/2"Ø W/ 1-1/4" SLOT, 1-3/8" SHANK IN 1-5/8"Ø PIPE SET IN CONCRETE. SEE DETAIL ON THIS SHEET

WOVEN WIRE DOUBLE GATE ③
NTS

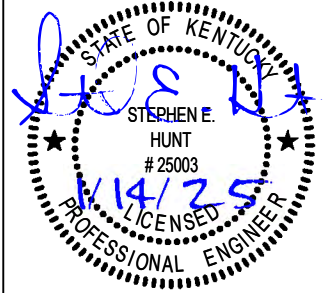


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FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

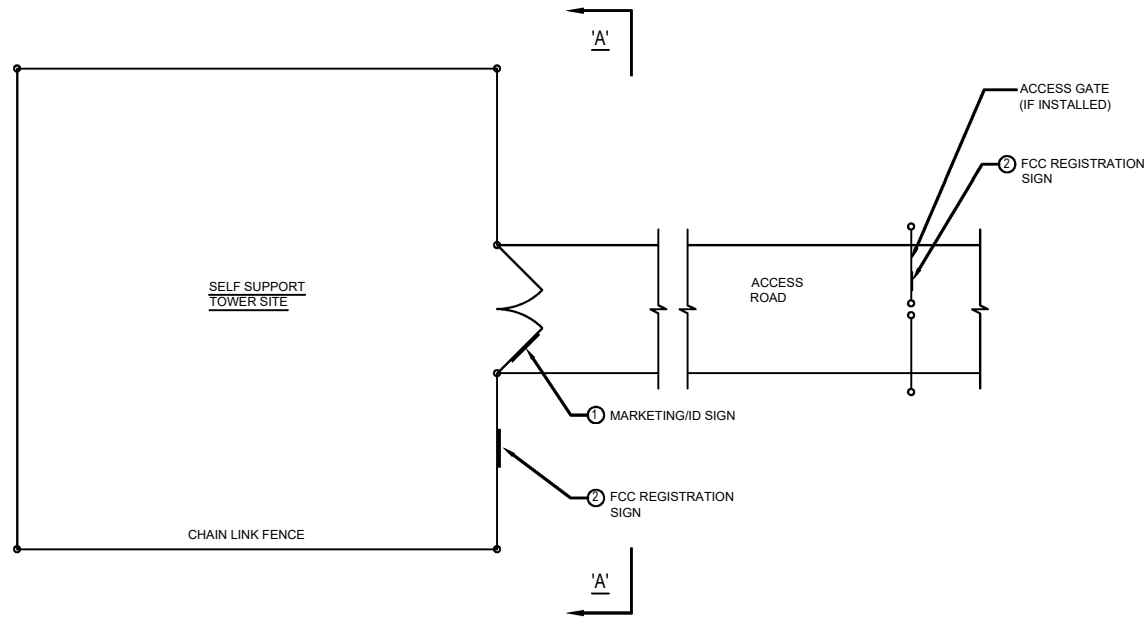
SITE TYPE : RAWLAND

SHEET TITLE : SITE DETAILS

DRAWING # :	REVISION :
Z10	3

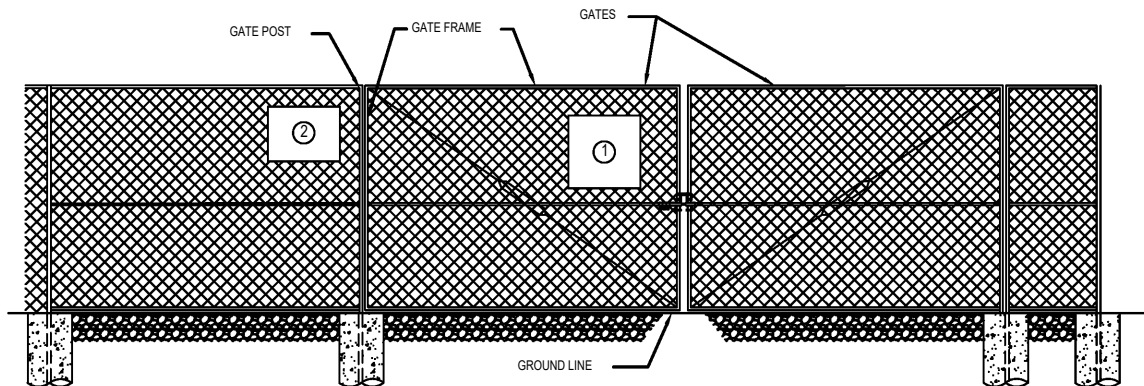
NOTES:

VERIZON WIRELESS SITE ID SIGN, RFE SIGNS, NOC INFORMATION SIGN AND ALL OTHER SIGNAGE NOT REFERENCED IN THIS DRAWING WILL BE FURNISHED AND INSTALLED BY VERIZON WIRELESS PERSONELL PER VERIZON WIRELESS RFC SIGNAGE & DEMARCATION POLICY.



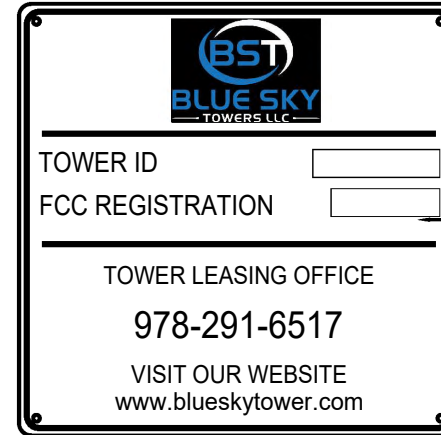
TYPICAL SITE FENCE SIGNAGE PLAN

SCALE: N. T. S.



ELEVATION "A-A"

SCALE: N. T. S.

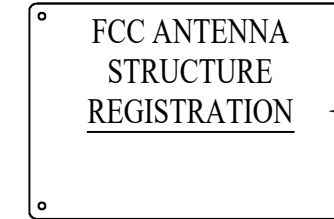


WHITE BACKGROUND
w/BLACK LETTERING

MARKETING/ID SIGN

24" WIDE x 24" HIGH

1



WHITE BACKGROUND
w/BLACK LETTERING

FCC REGISTRATION SIGN

24" WIDE x 18" HIGH

2

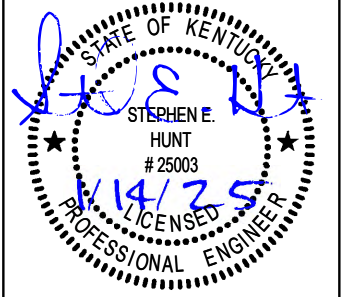


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FUZE ID : 617400547

SITE NAME : LV LUSBYS MILL

BLUE SKY SITE # : TBD

SITE ADDRESS : 9275 HIGHWAY 330
CORINTH, KY 41010

SITE TYPE: RAWLAND

SHEET TITLE : SITE DETAILS

DRAWING # :

Z11

REVISION :

3

EXHIBIT C

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



RE: KY-00765-Lusbys Mill

Dear Commissioners,

My name is Chuck Laurette, and I am the Construction Manager for the proposed tower referenced within this application. I have been involved in the construction of wireless communications facilities for 25 years. I am licensed state of Massachusetts Construction Supervisor holding an unrestricted license. In addition, I have OSHA training and RF Awareness Training. Please contact me with any questions you may have.

Sincerely,

Chuck Laurette

Charles Laurette
Blue Sky Towers, LLC
352 Park St Suite 106
North Reading, MA 01864
(978) 852-0774
Chuck.laurette@blueskytower.com

Lusbys Mill – List of Qualified Professionals

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

Frank Sellinger
Kentucky Licensed Professional Land Surveyor
License #3282
FSTan
1012 S 4th Street, Suite 101
Louisville, KY 40203

Chuck Laurette
Blue Sky Towers, LLC
352 Park Street, Suite 106
North Reading, MA 01864

Allen Schneider
Kentucky Licensed Professional Engineer
License #37506
1 Fairholm Avenue
Peoria, IL 61603

Scott C. Brantley
Kentucky Licensed Professional Engineer
License #36656
Tower Engineering Professionals, Inc.
326 Tyron Road
Raleigh, NC 27603

Zachary Parsons
Verizon Wireless Radio Frequency Engineer
250 E. 96th Street, Suite 300
Indianapolis, IN 46157



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

DATE: SEPTEMBER 06, 2024

PURCHASER: BLUE SKY TOWER IV, LLC

PROJECT: 255FT RTL SELF SUPPORT TOWER
LV LUSBYS MILL, KY

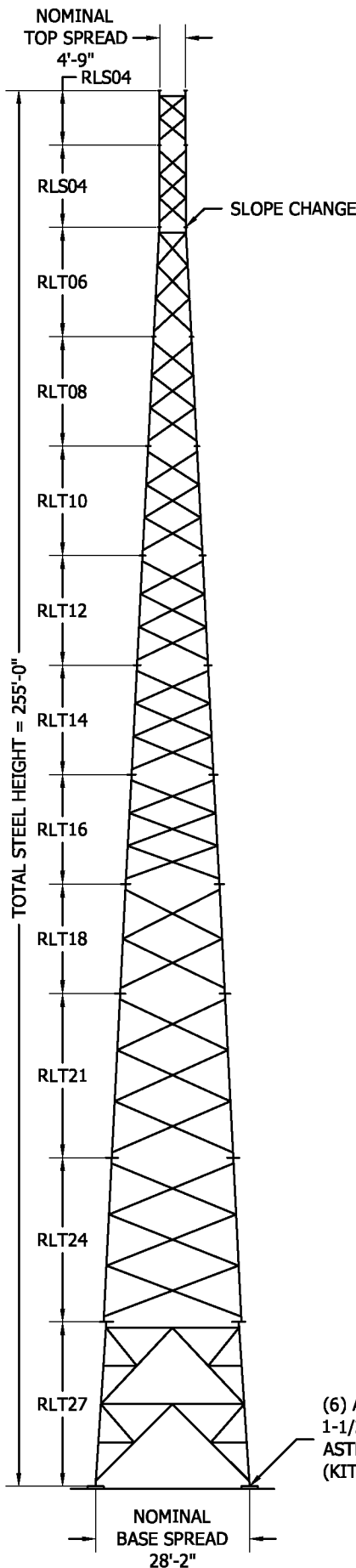
FILE NUMBER:246741

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

Allen Schneider

09/06/2024





GENERAL NOTES

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

MAXIMUM FACTORED REACTIONS	
COMPRESSION PER LEG =	473.9 KIPS
TENSION PER LEG =	401.5 KIPS
SHEAR PER LEG =	44.2 KIPS
TOTAL SHEAR =	70.2 KIPS
TOTAL O.T.M =	10,766.1 FT-KIPS

(6) ANCHOR BOLTS (18 TOTAL)
1-1/2" DIA. X 74" LONG
ASTM F1554 Gr. 105
(KIT P/N: 18K2816RTFST)

TOWER DESIGN LOADING

DESIGN WIND LOAD PER ANSI/TIA-222-H USING THE FOLLOWING DESIGN CRITERIA:
RISK CATEGORY: II
BASIC WIND SPEED (NO ICE): 106 MPH PER ASCE 7-16
BASIC WIND SPEED (W/ICE): 30 MPH PER ASCE 7-16
DESIGN ICE THICKNESS: 1.50 INCHES PER ASCE 7-16
GROUND ELEVATION, Zs: 872 FT
EXPOSURE CATEGORY: C
TOPOGRAPHIC METHOD: 1, CATEGORY: 1
SEISMIC DESIGN PARAMETERS, Ss: 0.159, S1: 0.080, T1: 12, SITE CLASS: D

THIS STRUCTURE HAS BEEN DESIGNED TO SUPPORT THE FOLLOWING LOADS:

ELEVATION (FT)	ANTENNA LOADING	LINE SIZE (NOM)
TOP	BEACON & LIGHTNING ROD	(1) 0-3/4" CONDUIT
250	25,000 SQ-IN + MOUNTS [219 SQFT MAX EPA]	(9) 1-5/8"
240	20,000 SQ-IN + MOUNTS [184 SQFT MAX EPA]	(9) 1-5/8"
230	15,000 SQ-IN + MOUNTS [150 SQFT MAX EPA]	(6) 1-5/8"
220	10,000 SQ-IN + MOUNTS [115 SQFT MAX EPA]	(6) 1-5/8"

SECTION MAIN MEMBER SCHEDULE

SECTION	LEGS	DIAGONALS	HORIZONTALS
RLS04	PIPE 2.875x0.203	L1 3/4x1 3/4x1/8 (2)	L1 3/4x1 3/4x3/16 (1)
RLS04	PIPE 3.500x0.216	L1 3/4x1 3/4x3/16 (3)	N/A
RLT06	PIPE 4.500x0.237	L2x2x3/16 (3)	L1 3/4x1 3/4x3/16 (1)
RLT08	PIPE 5.563x0.258	L2x2x3/16 (3)	N/A
RLT10	PIPE 5.563x0.375	L2x2x1/4 (3)	N/A
RLT12	PIPE 6.625x0.340	L2 1/2x2 1/2x3/16 (3)	N/A
RLT14	PIPE 6.625x0.432	L2 1/2x2 1/2x1/4 (3)	N/A
RLT16	PIPE 6.625x0.432	L2 1/2x2 1/2x1/4 (3)	N/A
RLT18	PIPE 8.625x0.375	L3x3x1/4 (2)	N/A
RLT21	PIPE 8.625x0.375	L3 1/2x3 1/2x1/4 (3)	N/A
RLT24	PIPE 8.625x0.500	L3 1/2x3 1/2x1/4 (3)	N/A
RLT27	PIPE 8.625x0.500	L4x4x1/4 (2)	L3 1/2x3 1/2x1/4 (2)

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

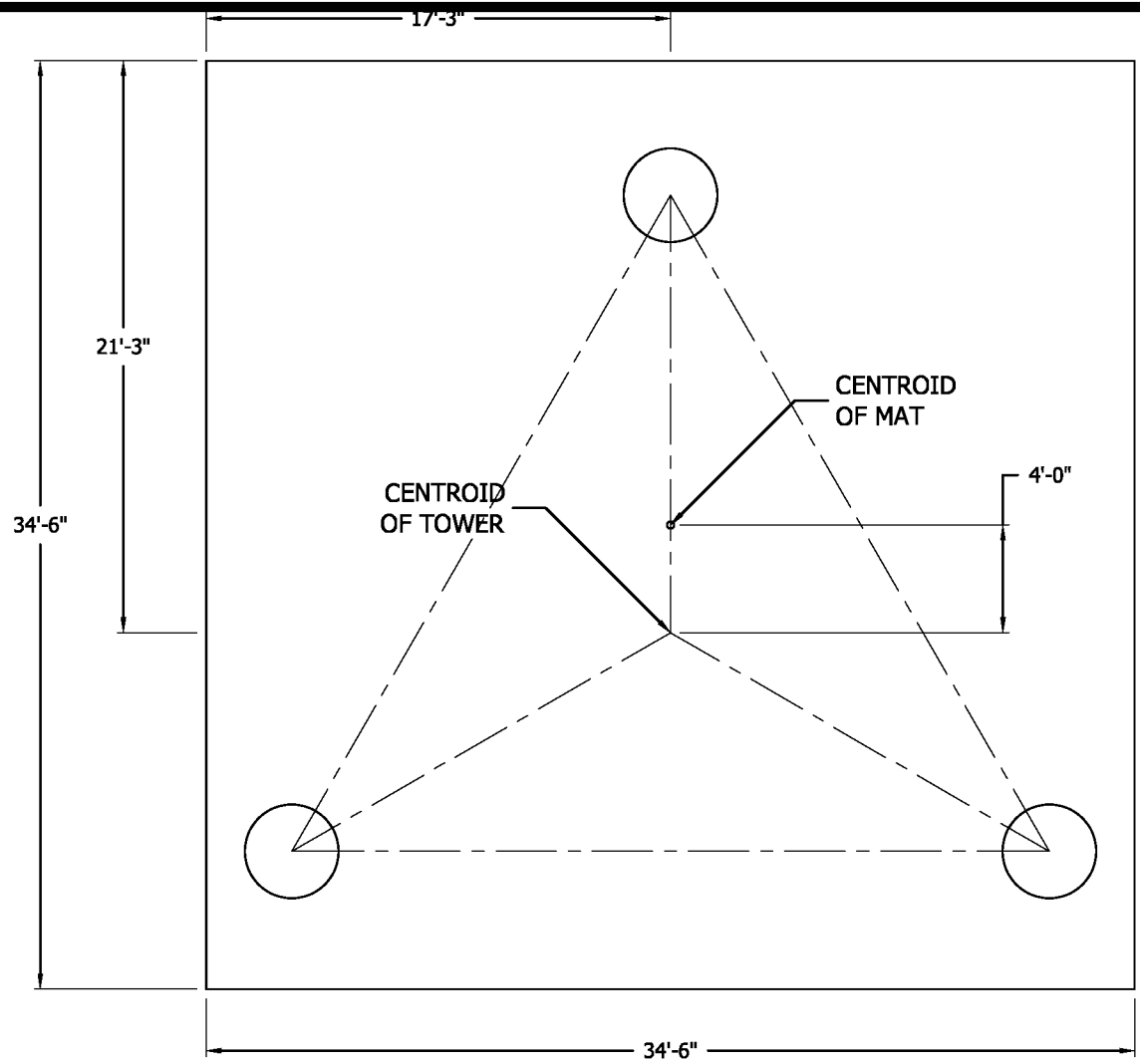
FILE NO.	246741			
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	REVISED TOWER HEIGHT TO 255 FT; MOVED ANTENNA LOADING UP 5 FT	AS	SY	AS
DATE: 09/06/2024				



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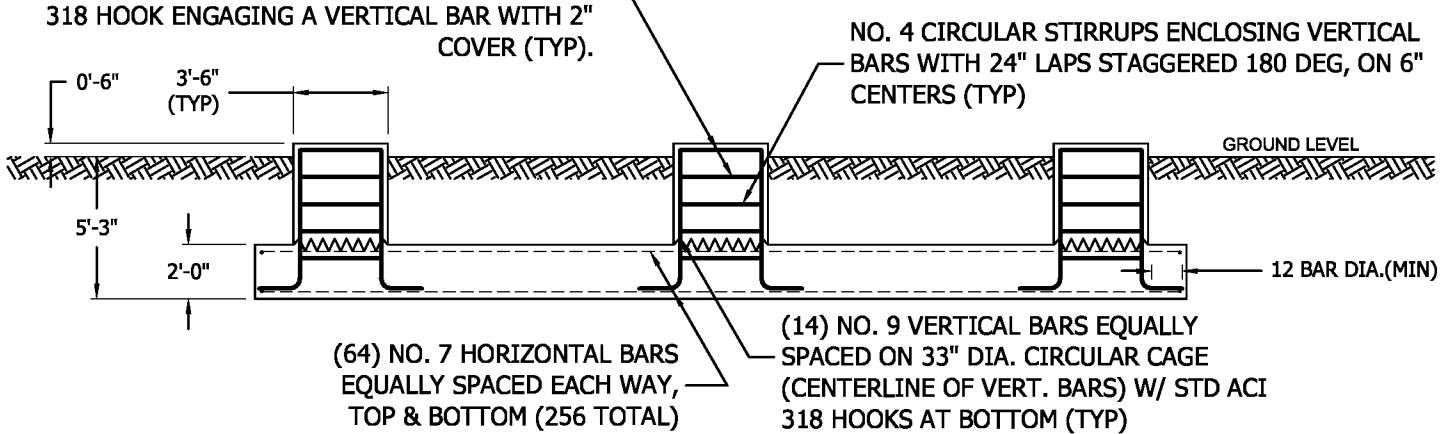
BLUE SKY TOWER IV, LLC
DESIGN PROFILE
255 FT RTL TOWER
LV LUSBY'S MILL, KY

DWN:	AS	CHK'D:	SFM	DATE:	08/05/2024
ENG'R:	AS	SHEET #:		1 OF 1	
PRJ. ENGR:	AS	PRJ. MANG'R:			
DRAWING NO:				REV:	
246741-01-D1				1	



(2) NO. 4 CIRCULAR STIRRUPS ENCLOSING VERTICAL BARS @ 2-1/2" C-C W/ 180 DEG. STAGGERED 6" MIN LAPS TERMINATED AT EACH END WITH A STD. ACI 318 HOOK ENGAGING A VERTICAL BAR WITH 2" COVER (TYP).

PLAN VIEW



ELEVATION VIEW

FACTORED REACTIONS

Maximum O.T.M =	10,766.1 FT-K
Total Tower Wt =	81.2 KIPS
Total Shear =	70.2 KIPS
Max. Shear/Leg =	44.2 KIPS
Max. Ten./Leg =	401.5 KIPS
Max. Comp./Leg =	473.9 KIPS

CONCRETE VOLUME

ROUND PIERS	4.0 CU.YDS
PAD	88.2 CU.YDS
TOTAL	92.2 CU.YDS

GENERAL NOTES

- FOUNDATION DESIGN HAS BEEN DEVELOPED IN ACCORDANCE WITH GENERALLY ACCEPTED PROFESSIONAL ENGINEERING PRINCIPLES AND PRACTICES WITHIN THE LIMITS OF THE SUBSURFACE DATA PROVIDED. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT THE FOLLOWING DESIGN PARAMETERS ARE NOT APPLICABLE FOR THE SUBSURFACE CONDITIONS ENCOUNTERED.
 - ULTIMATE SOIL BEARING PRESSURE AT 5.25 FT DEPTH = 27,675 PSF.
 - GROUND WATER TABLE IS AT OR BELOW FOUNDATION DEPTH.
 - MAXIMUM FROST PENETRATION DEPTH LESS THAN FOUNDATION DEPTH.
- WORK SHALL BE IN ACCORDANCE WITH THE PROJECT CONSTRUCTION DOCUMENTS, LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
- CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
- PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI IN 28 DAYS.
- MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 3/4 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING. WORKABILITY AND METHODS OF CONSOLIDATION SUCH AS VIBRATING SHALL BE UTILIZED TO PREVENT HONEYCOMBS OR VOIDS.
- REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SPLICES IN REINFORCEMENT SHALL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
- WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3 INCH MINIMUM COVER ON REINFORCEMENT.
- CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES NOR BE LESS THAN 2 INCHES.
- FOUNDATION DESIGN ASSUMES STRUCTURAL BACKFILL TO BE COMPACTED IN 8 INCH MAXIMUM LAYERS TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D1557. ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 108 POUNDS PER CUBIC FOOT.
- FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT NO. **341452.973748** DATED **7/19/2024** BY **TOWER ENGINEERING PROFESSIONALS, INC.**
- FOUNDATION DEPTH INDICATED IS BASED ON THE GRADE LINE DESCRIBED IN THE REFERENCED GEOTECHNICAL REPORT. FOUNDATION MODIFICATION MAY BE REQUIRED IN THE EVENT CUT OR FILL OPERATIONS HAVE TAKEN PLACE SUBSEQUENT TO THE GEOTECHNICAL INVESTIGATION.
- FOUNDATION DESIGN ASSUMES THE RECOMMENDATIONS IN THE REFERENCED GEOTECHNICAL REPORT CONCERNING VERIFICATION OF SUBSURFACE CONDITIONS ARE IMPLEMENTED PRIOR TO PLACEMENT OF CONCRETE.
- FOUNDATION INSTALLATION SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
- ALL CONSTRUCTION AND SAFETY EQUIPMENT AND TEMPORARY SUPPORTS REQUIRED FOR CONSTRUCTION SHALL BE DETERMINED, FURNISHED AND INSTALLED BY THE CONTRACTOR BASED ON THE MEANS AND METHODS CHOSEN BY THE CONTRACTOR. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED BY COMPETENT, QUALIFIED AND TRAINED PERSONNEL.
- FOUNDATION DESIGN ASSUMES INSTALLATION PROCEDURES WILL INCORPORATE THE PROCEDURES RECOMMENDED IN THE REFERENCED GEOTECHNICAL REPORT.
- FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
- FOR FOUNDATION AND ANCHOR TOLERANCES SEE ANCHOR ROD LAYOUT DRAWING.
- LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. SIDES OF EXCAVATION SHALL BE ROUGH AND FREE OF LOOSE CUTTINGS.
- CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
- CONCRETE PREFERABLY SHALL BE PLACED AGAINST UNDISTURBED SOIL. WHEN FORMS ARE NECESSARY, THEY SHALL BE REMOVED PRIOR TO PLACING STRUCTURAL BACKFILL.
- CONSTRUCTION JOINTS, IF REQUIRED AT THE BASE OF THE PIERS, SHALL BE INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 1/4 INCH. FOUNDATION DESIGN ASSUMES NO OTHER CONSTRUCTION JOINTS.
- TOP OF FOUNDATION SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH.
- EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" X 3/4" MINIMUM.

FILE NO. **246741**

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	UPDATED FOUNDATION DESIGN FOR NEW TOWER DESIGN	AS	SY	AS
DATE: 09/06/2024				

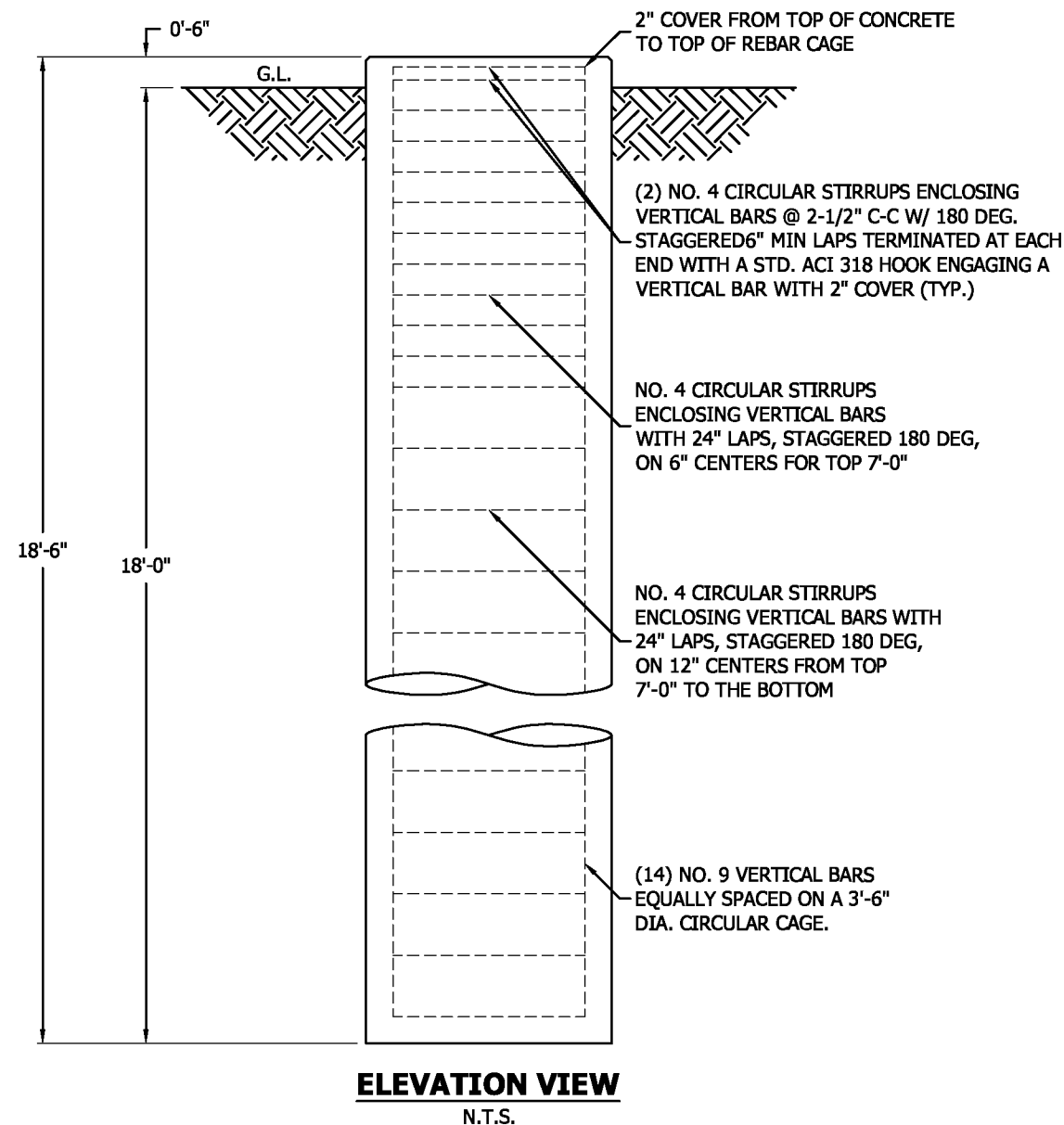
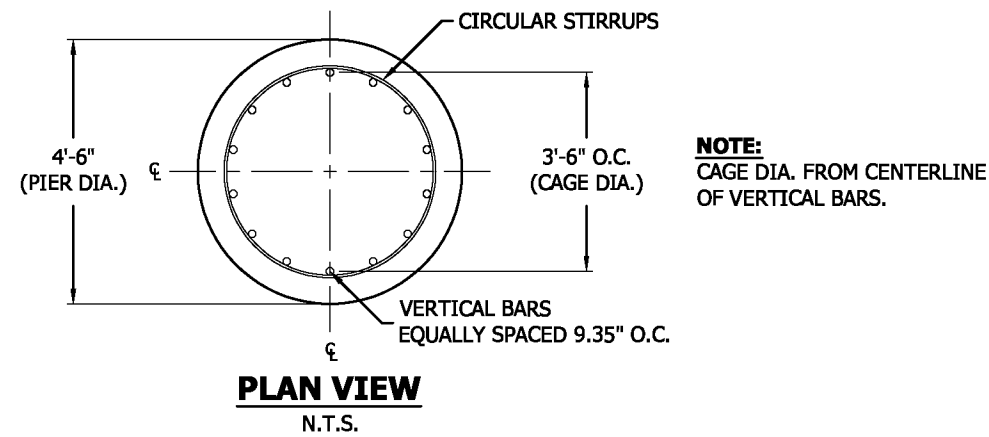
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PRODUCTS LLC
PO BOX 5999
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TOLL FREE 800-727-ROHN

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BLUE SKY TOWER IV, LLC
MAT W/RAISED PIERS
FOUNDATION DESIGN
LV LUSBYS MILL, KY

DWN:	AS	CHK'D:	SFM	DATE:	08/05/2024
ENG'R:	AS	SHEET #:		1 OF 1	
PRJ. ENGR:	AS	PRJ. MANG'R:			
DRAWING NO:				REV:	
246741-01-F1				1	

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	UPDATED MAXIMUM FACTORED REACTIONS	AS	SY	AS
DATE: 09/06/2024				



FACTORED REACTIONS/LEG

DOWNLOAD = 473.9 KIPS
 UPLIFT = 401.5 KIPS
 SHEAR = 44.2 KIPS

VOLUME OF CONCRETE

(1) FOUNDATION 10.9 CU. YDS
 (3) FOUNDATIONS 32.7 CU. YDS

GENERAL NOTES:

- FOUNDATION DESIGN HAS BEEN DEVELOPED IN ACCORDANCE WITH GENERALLY ACCEPTED PROFESSIONAL ENGINEERING PRINCIPLES AND PRACTICES WITHIN THE LIMITS OF THE SUBSURFACE DATA PROVIDED. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT THE FOLLOWING DESIGN PARAMETERS ARE NOT APPLICABLE FOR THE SUBSURFACE CONDITIONS ENCOUNTERED.
 - DEPTH NEGLECTED FOR SKIN FRICTION = TOP 2.3 FT
 - AVERAGE ULTIMATE SKIN SHEAR FOR UPLIFT: 2.3 FT TO 3.5 FT DEPTH = 1050 PSF, AND 3.5 FT TO 6.0 FT DEPTH = 2130 PSF, AND 6.0 FT TO 8.5 FT DEPTH = 460 PSF, AND 8.5 FT TO 13.5 FT DEPTH = 2500 PSF, AND 13.5 FT TO 17.9 FT DEPTH = 3500 PSF.
 - AVERAGE ULTIMATE SKIN SHEAR FOR DOWNLOAD: 2.3 FT TO 3.5 FT DEPTH = 1050 PSF, AND 3.5 FT TO 6.0 FT DEPTH = 2130 PSF, AND 6.0 FT TO 8.5 FT DEPTH = 460 PSF, AND 8.5 FT TO 13.5 FT DEPTH = 2500 PSF, AND 13.5 FT TO 17.9 FT DEPTH = 3500 PSF.
 - ULTIMATE NET END BEARING AT 18.0 FT = 74.70 KSF.
 - GROUNDWATER TABLE BELOW FOUNDATION DEPTH.
- WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
- CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
- PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 CHAPTER 4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI (31.0 MPA) IN 28 DAYS.
- MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 1/3 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING. MAXIMUM SIZE MAY BE INCREASED TO 2/3 CLEAR DISTANCE PROVIDED WORKABILITY AND METHODS OF CONSOLIDATION SUCH AS VIBRATING WILL PREVENT HONEYCOMBS OR VOIDS.
- REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SPLICES IN REINFORCEMENT SHALL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
- REINFORCING CAGES SHALL BE BRACED TO RETAIN PROPER DIMENSIONS DURING HANDLING AND THROUGHOUT PLACEMENT OF CONCRETE. WHEN TEMPORARY CASING IS UTILIZED, BRACING SHALL BE ADEQUATE TO RESIST FORCES OCCURRING FROM FLOWING CONCRETE DURING CASING EXTRACTION.
- WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES (76 MM) UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3 INCH (76 MM) MINIMUM COVER ON REINFORCEMENT.
- SPACERS SHALL BE ATTACHED INTERMITTENTLY THROUGHOUT THE ENTIRE LENGTH OF VERTICAL REINFORCING CAGES TO INSURE CONCENTRIC PLACEMENT OF CAGES IN EXCAVATIONS.
- FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT NO. 341452.973748 DATED 07/19/2024 BY **TOWER ENGINEERING PROFESSIONALS, INC.**
- FOUNDATION DEPTH INDICATED IS BASED ON THE GRADE LINE DESCRIBED IN THE REFERENCED GEOTECHNICAL REPORT. FOUNDATION MODIFICATION MAY BE REQUIRED IN THE EVENT CUT OR FILL OPERATIONS HAVE TAKEN PLACE SUBSEQUENT TO THE GEOTECHNICAL INVESTIGATION.
- FOUNDATION DESIGN ASSUMES THE RECOMMENDATIONS IN THE REFERENCED GEOTECHNICAL REPORT CONCERNING VERIFICATION OF SUBSURFACE CONDITIONS ARE IMPLEMENTED PRIOR TO PLACEMENT OF CONCRETE.
- FOUNDATION INSTALLATION SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
- FOUNDATION DESIGN ASSUMES INSTALLATION PROCEDURES WILL INCORPORATE THE PROCEDURES RECOMMENDED IN THE REFERENCED GEOTECHNICAL REPORT.
- FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
- FOR FOUNDATION INSTALLATION TOLERANCES SEE STRUCTURE ASSEMBLY DRAWING.
- LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. SIDES OF EXCAVATION SHALL BE ROUGH AND FREE OF LOOSE CUTTINGS.
- CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
- FREE FALL CONCRETE MAY BE USED PROVIDED FALL IS VERTICAL DOWN WITHOUT HITTING SIDES OF EXCAVATION, FORMWORK, REINFORCING BARS, FORM TIES, CAGE BRACING OR OTHER OBSTRUCTIONS. UNDER NO CIRCUMSTANCES SHALL CONCRETE FALL THROUGH WATER.
- TOP OF FOUNDATION OUTSIDE LIMITS OF ANCHOR BOLTS SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH. AREA INSIDE LIMITS OF ANCHOR BOLTS SHALL BE LEVEL WITH A SCRATCHED FINISH.
- EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" X 3/4" (19MM X 19MM) MINIMUM.
- FOUNDATION DESIGN ASSUMES CASING, IF USED, WILL NOT BE LEFT IN PLACE. EQUIPMENT, PROCEDURES, AND PROPORTIONS OF CONCRETE MATERIALS SHALL INSURE CONCRETE WILL NOT BE ADVERSELY DISTURBED UPON CASING REMOVAL.



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BLUE SKY TOWER IV, LLC
 DRILLED PIER
 FOUNDATION DETAILS
 LV LUSBY'S MILL, KY

DWN: AS	CHK'D: SFM	DATE: 08/05/2024
ENG'R: AS	SHEET #: 1 OF 1	
PRJ. ENG'R: AS	PRJ. MANG'R:	
DRAWING NO: 246471-01-F2	REV: 1	



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File: J:\2024\246741\ENGINEERING\246741.out
 Contract: 246741
 Project: 255 FT RTL TOWER
 Date and Time: 9/6/2024 11:27:29 AM

Revision: 1
 Site: LV LUSBYS MILL- KY
 Engineer: AS

Section A: PROJECT DATA

Project Title: 255 FT RTL TOWER
 Customer Name: BLUE SKY TOWER IV- LLC
 Site: LV LUSBYS MILL- KY
 Contract No.: 246741
 Revision: 1
 Engineer: AS
 Date: Sep 6 2024
 Time: 10:55:50 AM

ENGINEERING
 CHECKED BY: SY
 09/06/2024

Design Standard: ANSI/TIA-222-H-2017

GENERAL DESIGN CONDITIONS

Start wind direction: 0.00 (Deg)
 End wind direction: 330.00 (Deg)
 Increment wind direction: 30.00 (Deg)
 Elevation above ground: 0.00 (ft)
 Mean elevation of base of structure above sea level Zs: 872.00 (ft)
 Rooftop wind speed-up factor Ks: 1.00
 Gust Response Factor Gh: 0.85
 Risk category: II
 Exposure category: C
 Topographic category: 1
 Material Density: 490.1 (lbs/ft³)
 Young's Modulus: 29000.0 (ksi)
 Poisson Ratio: 0.30
 Weight Multiplier: 1.25
 Minimum Bracing Resistance as per 4.4.1

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

WIND AND ICE CONDITIONS:
 Basic Wind Speed (With Ice): 30.00 (mph)
 Directionality Factor Kd: 0.85
 Wind Load Importance Factor Iw: 1.00
 Ice Thickness Importance Factor Ii: 1.00
 Ice Thickness: 1.50 (in)
 Ice Density: 56.19 (lbs/ft³)
 Wind Load Factor: 1.00
 Dead Load Factor: 1.20
 Ice Load Factor: 1.00

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

EARTHQUAKE CONDITIONS:
 Site class definition: D
 Spectral response acceleration Ss: 0.159
 Spectral response acceleration Sl: 0.080
 Long-period transition period TL: 12.000



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Contract: 246741

Project: 255 FT RTL TOWER

Date and Time: 9/6/2024 11:27:29 AM

Revision: 1

Site: LV LUSBYS MILL- KY

Engineer: AS

Accelaration-based site coefficient Fa: 1.600
Velocity-based site coefficient Fv: 2.400
Design spectral response acceleration Sds: 0.170
Design spectral response acceleration Sd1: 0.128
Seismic analysis method: 1
Fundamental frequency of structure f1: 0.555
Total seismic shear Vs (Kips) : 2.44

Analysis performed using: TowerSoft Finite Element Analysis Program



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File: J:\2024\246741\ENGINEERING\246741.out

Contract: 246741

Project: 255 FT RTL TOWER

Date and Time: 9/6/2024 11:27:29 AM

Revision: 1

Site: LV LUSBYS MILL- KY

Engineer: AS

Section B: STRUCTURE GEOMETRY

TOWER GEOMETRY

Cross-Section	Height (ft)	Tot Height (ft)	# of Section	Bot Width (in)	Top Width (in)
Triangular	255.00	265.00	12	337.97	56.99

SECTION GEOMETRY

Sec #	Sec. Name	Elevation		Widths		Legs (lbs)	Brcg. (lbs)	Masses			Brcg. Clear. (in)	
		Bottom (ft)	Top (ft)	Bottom (in)	Top (in)			Sec.Brc (lbs)	Int.Brc (lbs)	Sect. (lbs)		Database (lbs)
12	RLS04*	245.00	255.00	58	57	219	186	0	0	405	0	0.787
11	RLS04	230.00	245.00	58	58	427	330	0	0	757	0	0.787
10	RLT06	210.00	230.00	83	58	814	524	0	0	1338	0	0.787
9	RLT08	190.00	210.00	107	83	1103	565	0	0	1668	0	0.787
8	RLT10	170.00	190.00	132	107	1565	864	0	0	2430	0	0.787
7	RLT12	150.00	170.00	156	132	1717	948	0	0	2665	0	0.787
6	RLT14*	130.00	150.00	180	156	2153	1416	0	0	3569	0	0.787
5	RLT16*	110.00	130.00	206	180	2154	1588	0	0	3742	0	0.787
4	RLT18*	90.00	110.00	230	206	2484	1524	0	0	4008	0	0.787
3	RLT21*	60.00	90.00	266	230	3726	2972	0	0	6697	0	0.787
2	RLT24*	30.00	60.00	302	266	4891	3295	0	0	8186	0	0.787
1	RLT27*	0.00	30.00	338	290	4898	3112	1356	551	9917	0	0.787
Total Mass:						26151	17323	1356	551	45381	0	

PANEL GEOMETRY

Sec#	Pnl#	Type	SecBrcg	Mid. Horiz Continuous	Horiz	Height (ft)	Bottom Width (in)	Top Width (in)	Plan Bracing	Hip Bracing	Gusset Plate Area (ft^2)	Gusset Plate Weight (lbs)
12	2	X	(None)		Yes	5.0	57.3	57.0	(None)	(None)	0.300	0.30
12	1	X	(None)		None	5.0	57.5	57.3	(None)	(None)	0.300	0.30
11	3	X	(None)		None	5.0	57.8	57.5	(None)	(None)	0.000	0.00
11	2	X	(None)		None	5.0	58.1	57.8	(None)	(None)	0.000	0.00
11	1	X	(None)		None	5.0	58.4	58.1	(None)	(None)	0.000	0.00
10	3	X	(None)		Yes	6.7	66.7	58.4	(None)	(None)	0.300	0.30
10	2	X	(None)		None	6.7	75.0	66.7	(None)	(None)	0.300	0.30
10	1	X	(None)		None	6.7	83.3	75.0	(None)	(None)	0.300	0.30
9	3	X	(None)		None	6.7	91.3	83.3	(None)	(None)	0.300	0.30
9	2	X	(None)		None	6.7	99.3	91.3	(None)	(None)	0.300	0.30
9	1	X	(None)		None	6.7	107.3	99.3	(None)	(None)	0.300	0.30
8	3	X	(None)		None	6.7	115.6	107.3	(None)	(None)	0.300	0.30
8	2	X	(None)		None	6.7	123.9	115.6	(None)	(None)	0.300	0.30
8	1	X	(None)		None	6.7	132.2	123.9	(None)	(None)	0.300	0.30
7	3	X	(None)		None	6.7	140.2	132.2	(None)	(None)	0.300	0.30
7	2	X	(None)		None	6.7	148.2	140.2	(None)	(None)	0.300	0.30
7	1	X	(None)		None	6.7	156.2	148.2	(None)	(None)	0.300	0.30
6	3	X	(None)		None	6.7	164.2	156.2	(None)	(None)	0.300	0.30
6	2	X	(None)		None	6.7	172.2	164.2	(None)	(None)	0.300	0.30
6	1	X	(None)		None	6.7	180.2	172.2	(None)	(None)	0.300	0.30
5	3	X	(None)		None	6.7	188.8	180.2	(None)	(None)	0.300	0.30
5	2	X	(None)		None	6.7	197.4	188.8	(None)	(None)	0.300	0.30
5	1	X	(None)		None	6.7	206.0	197.4	(None)	(None)	0.300	0.30
4	2	X	(None)		None	10.0	218.0	206.0	(None)	(None)	0.300	0.30
4	1	X	(None)		None	10.0	230.0	218.0	(None)	(None)	0.300	0.30
3	3	X	(None)		None	10.0	242.0	230.0	(None)	(None)	0.300	0.30
3	2	X	(None)		None	10.0	254.0	242.0	(None)	(None)	0.300	0.30
3	1	X	(None)		None	10.0	266.0	254.0	(None)	(None)	0.300	0.30
2	3	X	(None)		None	10.0	278.0	266.0	(None)	(None)	0.000	0.00
2	2	X	(None)		None	10.0	290.0	278.0	(None)	(None)	0.000	0.00
2	1	X	(None)		None	10.0	302.0	290.0	(None)	(None)	0.000	0.00



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Engineer: AS

1	2	K	2-Subdiv.	Yes	15.0	314.0	290.0	2-Subdiv. (None)	0.300	0.30
1	1	K	2-Subdiv.	Yes	15.0	338.0	314.0	2-Subdiv. (None)	0.300	0.30

MEMBER PROPERTIES

Sec/Member Pnl Spacing	Type	Description	Steel Grade	Conn. Type	Bolt #-Size	Bolt Grade	End Dist.	Edge Dist.	Gusset Thick.	Gusset Grade	Bolt Space	Dble Mem.
Stitch												
Bolt					(in)		(in)	(in)	(in)		(in)	(in)
(ft)												
12/2	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
12/2	Diag	L1 3/4x1 3/4x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
12/2	Horiz	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
12/1	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
12/1	Diag	L1 3/4x1 3/4x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
11/3	Leg	PIPE 3.500x0.216	A500	gr.CSTension	5-0.875	A325X						
11/3	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
11/2	Leg	PIPE 3.500x0.216	A500	gr.CSTension	5-0.875	A325X						
11/2	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
11/1	Leg	PIPE 3.500x0.216	A500	gr.CSTension	5-0.875	A325X						
11/1	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
10/3	Leg	PIPE 4.500x0.237	A500	gr.CSTension	5-1.000	A325X						
10/3	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
10/3	Horiz	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
10/2	Leg	PIPE 4.500x0.237	A500	gr.CSTension	5-1.000	A325X						
10/2	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
10/1	Leg	PIPE 4.500x0.237	A500	gr.CSTension	5-1.000	A325X						
10/1	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
9/3	Leg	PIPE 5.563x0.258	A500	gr.CSTension	5-1.000	A325X						
9/3	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
9/2	Leg	PIPE 5.563x0.258	A500	gr.CSTension	5-1.000	A325X						
9/2	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
9/1	Leg	PIPE 5.563x0.258	A500	gr.CSTension	5-1.000	A325X						
9/1	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
8/3	Leg	PIPE 5.563x0.375	A500	gr.CSTension	6-1.000	A325X						
8/3	Diag	L2x2x1/4	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
8/2	Leg	PIPE 5.563x0.375	A500	gr.CSTension	6-1.000	A325X						
8/2	Diag	L2x2x1/4	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
8/1	Leg	PIPE 5.563x0.375	A500	gr.CSTension	6-1.000	A325X						
8/1	Diag	L2x2x1/4	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000



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7/3	Leg	PIPE 6.625x0.340	A500	gr.CSTension	6-1.000	A325X							
7/3	Diag	L2 1/2x2 1/2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572	gr.50		2.000
7/2	Leg	PIPE 6.625x0.340	A500	gr.CSTension	6-1.000	A325X							
7/2	Diag	L2 1/2x2 1/2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572	gr.50		2.000
7/1	Leg	PIPE 6.625x0.340	A500	gr.CSTension	6-1.000	A325X							
7/1	Diag	L2 1/2x2 1/2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572	gr.50		2.000
6/3	Leg	PIPE 6.625x0.432	A500	gr.CSTension	6-1.000	A325X							
6/3	Diag	L2 1/2x2 1/2x1/4	A529	gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572	gr.50		2.000
6/2	Leg	PIPE 6.625x0.432	A500	gr.CSTension	6-1.000	A325X							
6/2	Diag	L2 1/2x2 1/2x1/4	A529	gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572	gr.50		2.000
6/1	Leg	PIPE 6.625x0.432	A500	gr.CSTension	6-1.000	A325X							
6/1	Diag	L2 1/2x2 1/2x1/4	A529	gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572	gr.50		2.000
5/3	Leg	PIPE 6.625x0.432	A500	gr.CSTension	6-1.500	A325X							
5/3	Diag	L2 1/2x2 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572	gr.50		2.000
5/2	Leg	PIPE 6.625x0.432	A500	gr.CSTension	6-1.500	A325X							
5/2	Diag	L2 1/2x2 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572	gr.50		2.000
5/1	Leg	PIPE 6.625x0.432	A500	gr.CSTension	6-1.500	A325X							
5/1	Diag	L2 1/2x2 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572	gr.50		2.000
4/2	Leg	PIPE 8.625x0.375	A500	gr.CSTension	6-1.500	A325X							
4/2	Diag	L3x3x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.500	0.375	A572	gr.50		2.000
4/1	Leg	PIPE 8.625x0.375	A500	gr.CSTension	6-1.500	A325X							
4/1	Diag	L3x3x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.500	0.375	A572	gr.50		2.000
3/3	Leg	PIPE 8.625x0.375	A500	gr.CSTension	6-1.500	A325X							
3/3	Diag	L3 1/2x3 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572	gr.50		2.000
3/2	Leg	PIPE 8.625x0.375	A500	gr.CSTension	6-1.500	A325X							
3/2	Diag	L3 1/2x3 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572	gr.50		2.000
3/1	Leg	PIPE 8.625x0.375	A500	gr.CSTension	6-1.500	A325X							
3/1	Diag	L3 1/2x3 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572	gr.50		2.000
2/3	Leg	PIPE 8.625x0.500	A500	gr.CSTension	6-1.500	A325X							
2/3	Diag	L3 1/2x3 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572	gr.50		2.000
2/2	Leg	PIPE 8.625x0.500	A500	gr.CSTension	6-1.500	A325X							
2/2	Diag	L3 1/2x3 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572	gr.50		2.000
2/1	Leg	PIPE 8.625x0.500	A500	gr.CSTension	6-1.500	A325X							
2/1	Diag	L3 1/2x3 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572	gr.50		2.000
1/2	Leg	PIPE 8.625x0.500	A500	gr.CSTension	6-1.500	A325X							
1/2	Diag	L4x4x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	2.000	0.375	A572	gr.50		2.000
1/2	Horiz	L3 1/2x3 1/2x1/4	A529	gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572	gr.50		2.000
1/2	SecD1	L3x3x1/4	A529	gr.50Bolted	1-0.625	A325X	1.500	1.500	0.250	A572	gr.50		2.000



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Engineer: AS

1/2	SecH1	L3x3x1/4	A529 gr.50Bolted	1-0.625	A325X	1.500	1.500	0.250	A572 gr.50	2.000
1/2	PlanH1	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	1-0.625	A325X	1.500	1.750	0.250	A572 gr.50	2.000
1/1	Leg	PIPE 8.625x0.500	A500 gr.CSTension	6-1.500	A325X					
1/1	Diag	L4x4x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	2.000	0.375	A572 gr.50	2.000
1/1	Horiz	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572 gr.50	2.000
1/1	SecD1	L3x3x1/4	A529 gr.50Bolted	1-0.625	A325X	1.500	1.500	0.250	A572 gr.50	2.000
1/1	SecH1	L3x3x1/4	A529 gr.50Bolted	1-0.625	A325X	1.500	1.500	0.250	A572 gr.50	2.000
1/1	PlanH1	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	1-0.625	A325X	1.500	1.750	0.250	A572 gr.50	2.000



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 Engineer: AS

Section D: TRANSMISSION LINE DATA

Transmission Lines Position

No.	Bot El (ft)	Top El (ft)	Desc.	Radius (ft)	Az.	Orient.	No.	No. of Rows	Vert.	Antenna	User Ka
1	0.00	255.00	3/8 CABLE	13.00	0.00	0.00	1	1	Yes		
2	0.00	255.00	RC0.75-Cnd	13.67	60.00	5.00	1	1	No		
3	0.00	250.00	TX Ladder	9.05	60.00	30.00	1	1	No		
4	0.00	250.00	LDF7P-50A	9.05	60.00	30.00	9	1	No		
5	0.00	240.00	TX Ladder	9.05	180.00	150.00	1	1	No		
6	0.00	240.00	LDF7P-50A	9.05	180.00	150.00	9	1	No		
7	0.00	230.00	TX Ladder	9.05	300.00	270.00	1	1	No		
8	0.00	230.00	LDF7P-50A	9.05	300.00	270.00	6	1	No		
9	0.00	220.00	TX Ladder	9.05	300.00	330.00	1	1	No		
10	0.00	220.00	LDF7P-50A	9.05	300.00	330.00	6	1	No		

Transmission Lines Details

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



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Section F: POINT LOAD DATA

Structure Azimuth from North:0.00

POINT LOADS

No.	Description	Elev. (ft)	Radius (ft)	Azim. (Deg)	Orient. (Deg)	Vertical Offset (ft)	Tx Line	Comments
1	BEACON & LR	255.00	1.00	0.0	0.0	0.00		
2	25,000 SQ-IN + MOUNTS	250.00	0.00	0.0	0.0	0.00		
3	20,000 SQ-IN + MOUNTS	240.00	0.00	0.0	0.0	0.00		
4	15,000 SQ-IN + MOUNTS	230.00	0.00	0.0	0.0	0.00		
5	10,000 SQ-IN + MOUNTS	220.00	0.00	0.0	0.0	0.00		

POINT LOADS WIND AREAS AND WEIGHTS

No.	Description	Frontal Bare Area (ft^2)	Lateral Bare Area (ft^2)	Frontal Iced Area (ft^2)	Lateral Iced Area (ft^2)	Weight Bare (Kips)	Weight Iced (Kips)	Gh
1	BEACON & LR	5.00	5.00	10.00	10.00	1.00	2.00	0.85
2	25,000 SQ-IN + MOUNTS	219.00	219.00	438.00	438.00	6.00	12.00	0.85
3	20,000 SQ-IN + MOUNTS	184.00	184.00	368.00	368.00	6.00	12.00	0.85
4	15,000 SQ-IN + MOUNTS	150.00	150.00	299.00	299.00	6.00	12.00	0.85
5	10,000 SQ-IN + MOUNTS	115.00	115.00	229.00	229.00	6.00	12.00	0.85



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Section H: STRUCTURE DISPLACEMENT DATA

Load Combination Wind Only - Serviceability

Wind Direction Maximum displacements

Node	Elev. (ft)	N-S Disp (in)	W-E Disp (in)	Vert.Disp (in)	N-S Rot (Deg)	W-E Rot (Deg)	Twist (Deg)
108	255.0	14.0	14.1	-0.2	0.61	0.61	0.01
105	250.0	13.4	13.5	-0.2	0.63	0.63	0.02
102	245.0	12.7	-12.8	-0.2	0.60	0.60	0.02
99	240.0	12.1	-12.2	-0.2	0.62	0.62	0.02
96	235.0	11.5	-11.5	-0.2	0.58	0.58	0.02
93	230.0	10.8	-10.9	-0.2	0.57	0.57	-0.01
90	223.3	10.0	-10.1	-0.2	0.53	0.53	0.02
87	216.7	9.3	-9.4	-0.2	0.51	0.51	0.01
84	210.0	8.6	-8.7	-0.2	0.46	-0.47	0.02
81	203.3	7.9	-8.0	-0.2	0.45	-0.45	0.01
78	196.7	7.3	-7.4	-0.1	0.41	-0.41	0.02
75	190.0	6.8	-6.8	-0.1	0.39	-0.39	0.01
72	183.3	6.2	-6.3	-0.1	0.36	-0.36	-0.01
69	176.7	5.7	-5.8	-0.1	0.35	-0.35	0.01
66	170.0	5.2	-5.3	-0.1	0.32	-0.32	-0.01
63	163.3	4.8	-4.8	-0.1	0.31	-0.31	0.01
60	156.7	4.4	-4.4	-0.1	0.28	-0.28	-0.01
57	150.0	4.0	-4.0	-0.1	0.27	-0.27	0.01
54	143.3	3.6	-3.6	-0.1	0.25	-0.25	0.00
51	136.7	3.2	-3.3	-0.1	0.24	-0.24	0.00
48	130.0	2.9	-2.9	-0.1	0.22	-0.22	0.00
45	123.3	2.6	-2.6	-0.1	0.21	-0.21	0.00
42	116.7	2.3	-2.3	-0.1	0.19	-0.19	0.00
39	110.0	2.0	-2.1	-0.1	0.18	-0.18	0.00
36	100.0	1.7	-1.7	-0.1	0.15	-0.15	-0.01
33	90.0	1.3	-1.4	-0.1	0.14	-0.14	0.00
30	80.0	1.1	-1.1	-0.1	0.11	-0.12	-0.01
27	70.0	0.8	-0.8	-0.1	0.11	-0.11	0.00
24	60.0	0.6	-0.6	0.0	0.08	-0.08	0.01
21	50.0	0.4	-0.4	0.0	0.08	-0.08	0.00
18	40.0	0.3	-0.3	0.0	0.06	-0.06	0.01
14	30.0	0.1	0.1	0.0	0.03	-0.03	0.00
8	15.0	0.0	0.0	0.0	0.01	0.01	0.00
3	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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Contract: 246741
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Revision: 1
Site: LV LUSBYS MILL- KY
Engineer: AS

Section L: STRENGTH ASSESSMENT SORTED DATA

Load Combination		Max Envelope									
Wind Direction		Maximum									
Sec	Pnl	Elev.	MType	Desc.	Len	kl/r	Gov.	Gov.	Max	Max	Asses.
		(ft)			(ft)		comp.	tens.	Compr.	Tens.	Ratio
							cap.	cap.	(Kips)	(Kips)	
							(Kips)	(Kips)			
12	2	250.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	2.2	1.2	0.04
12	1	245.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	8.4	3.0	0.15
11	3	240.00	Leg	PIPE 3.500x0.216	5.00	51.7	82.5	100.4	17.2	11.7	0.21
11	2	235.00	Leg	PIPE 3.500x0.216	5.00	51.7	82.5	100.4	32.1	22.3	0.39
11	1	230.00	Leg	PIPE 3.500x0.216	5.00	51.7	82.5	100.4	51.3	41.0	0.62
10	3	223.33	Leg	PIPE 4.500x0.237	6.68	53.1	116.1	142.6	72.1	57.4	0.62
10	2	216.67	Leg	PIPE 4.500x0.237	6.68	53.1	116.1	142.6	95.0	77.1	0.82
10	1	210.00	Leg	PIPE 4.500x0.237	6.68	53.1	116.1	142.6	116.0	95.5	1.00
9	3	203.33	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	135.6	113.8	0.80
9	2	196.67	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	151.9	129.6	0.90
9	1	190.00	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	168.0	144.5	0.99
8	3	183.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	181.6	157.4	0.76
8	2	176.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	195.2	169.6	0.82
8	1	170.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	207.0	180.6	0.86
7	3	163.33	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	219.5	191.7	0.80
7	2	156.67	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	230.6	201.9	0.84
7	1	150.00	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	242.5	212.3	0.88
6	3	143.33	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	330.3	253.2	221.9	0.74
6	2	136.67	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	330.3	264.5	231.6	0.77
6	1	130.00	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	330.3	274.9	240.7	0.80
5	3	123.33	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	378.5	285.3	249.5	0.83
5	2	116.67	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	378.5	294.8	257.5	0.86
5	1	110.00	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	378.5	304.3	265.4	0.89
4	2	100.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	316.7	275.8	0.82
4	1	90.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	331.3	288.1	0.86
3	3	80.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	347.0	301.1	0.90
3	2	70.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	361.9	313.5	0.94
3	1	60.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	377.4	326.2	0.98
2	3	50.00	Leg	PIPE 8.625x0.500	10.01	41.7	505.6	574.2	394.0	339.7	0.78
2	2	40.00	Leg	PIPE 8.625x0.500	10.01	41.7	505.6	574.2	411.0	354.0	0.81
2	1	30.00	Leg	PIPE 8.625x0.500	10.01	41.7	505.6	574.2	429.5	368.9	0.85
1	2	15.00	Leg	PIPE 8.625x0.500	15.03	31.3	534.4	574.2	439.6	375.6	0.82
1	1	0.00	Leg	PIPE 8.625x0.500	15.03	31.3	534.4	574.2	457.9	388.7	0.86
12	2	250.00	Diag	L1 3/4x1 3/4x1/8	6.90	106.8	10.5	7.1	2.3	2.3	0.33
12	1	245.00	Diag	L1 3/4x1 3/4x1/8	6.92	107.1	10.5	7.1	3.6	3.6	0.51
11	3	240.00	Diag	L1 3/4x1 3/4x3/16	6.94	108.6	15.0	10.7	3.8	3.8	0.36
11	2	235.00	Diag	L1 3/4x1 3/4x3/16	6.95	108.9	15.0	10.7	6.8	6.8	0.64
11	1	230.00	Diag	L1 3/4x1 3/4x3/16	6.97	109.1	14.9	10.7	7.1	7.1	0.66
10	3	223.33	Diag	L2x2x3/16	8.47	118.4	14.5	11.8	8.1	7.8	0.66
10	2	216.67	Diag	L2x2x3/16	8.91	125.5	12.9	11.8	7.8	7.9	0.67
10	1	210.00	Diag	L2x2x3/16	9.38	133.5	11.4	11.8	8.0	7.8	0.70
9	3	203.33	Diag	L2x2x3/16	9.87	139.3	10.5	11.8	7.4	7.6	0.71
9	2	196.67	Diag	L2x2x3/16	10.37	147.6	9.3	11.8	7.2	7.0	0.77
9	1	190.00	Diag	L2x2x3/16	10.89	155.9	8.4	11.8	6.8	6.9	0.81
8	3	183.33	Diag	L2x2x1/4	11.44	164.9	9.9	15.7	6.5	6.3	0.66
8	2	176.67	Diag	L2x2x1/4	12.00	173.9	8.9	15.7	6.3	6.4	0.71
8	1	170.00	Diag	L2x2x1/4	12.59	183.1	8.0	15.7	6.4	6.2	0.79
7	3	163.33	Diag	L2 1/2x2 1/2x3/16	13.17	151.2	11.3	14.1	6.5	6.6	0.58
7	2	156.67	Diag	L2 1/2x2 1/2x3/16	13.75	158.5	10.3	14.1	6.7	6.6	0.65
7	1	150.00	Diag	L2 1/2x2 1/2x3/16	14.33	165.8	9.4	14.1	6.7	6.8	0.71
6	3	143.33	Diag	L2 1/2x2 1/2x1/4	14.93	173.2	11.4	17.2	6.9	6.7	0.61
6	2	136.67	Diag	L2 1/2x2 1/2x1/4	15.53	180.7	10.4	17.2	6.9	7.0	0.66
6	1	130.00	Diag	L2 1/2x2 1/2x1/4	16.13	188.2	9.6	17.2	7.1	7.0	0.74
5	3	123.33	Diag	L2 1/2x2 1/2x1/4	16.76	177.2	10.8	25.0	6.6	6.6	0.61



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Project: 255 FT RTL TOWER

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Revision: 1

Site: LV LUSBYS MILL- KY

Engineer: AS

5	2	116.67	Diag	L2 1/2x2 1/2x1/4	17.42	183.4	10.1	25.0	6.8	6.7	0.67
5	1	110.00	Diag	L2 1/2x2 1/2x1/4	18.08	189.7	9.5	25.0	6.9	6.9	0.73
4	2	100.00	Diag	L3x3x1/4	20.30	178.6	12.9	28.1	8.3	8.4	0.65
4	1	90.00	Diag	L3x3x1/4	21.18	185.5	12.0	28.1	8.6	8.5	0.72
3	3	80.00	Diag	L3 1/2x3 1/2x1/4	22.06	168.6	17.0	31.1	8.8	8.8	0.52
3	2	70.00	Diag	L3 1/2x3 1/2x1/4	22.96	174.6	15.9	31.1	9.2	9.1	0.58
3	1	60.00	Diag	L3 1/2x3 1/2x1/4	23.86	180.6	14.8	31.1	9.4	9.4	0.63
2	3	50.00	Diag	L3 1/2x3 1/2x1/4	24.70	186.2	13.9	31.1	11.5	11.6	0.82
2	2	40.00	Diag	L3 1/2x3 1/2x1/4	25.46	191.3	13.2	31.1	11.9	11.7	0.90
2	1	30.00	Diag	L3 1/2x3 1/2x1/4	26.23	196.5	12.5	31.1	11.9	12.1	0.95
1	2	15.00	Diag	L4x4x1/4	19.99	176.1	17.9	34.1	11.8	11.8	0.66
1	1	0.00	Diag	L4x4x1/4	20.58	181.9	16.8	34.1	12.0	12.0	0.71
12	2	250.00	Horiz	L1 3/4x1 3/4x3/16	4.75	145.7	8.4	10.7	1.5	1.5	0.18
10	3	223.33	Horiz	L1 3/4x1 3/4x3/16	4.87	145.1	8.4	10.7	2.5	2.2	0.30
1	2	15.00	Horiz	L3 1/2x3 1/2x1/4	12.33	171.7	16.4	31.1	9.2	7.8	0.56
1	1	0.00	Horiz	L3 1/2x3 1/2x1/4	13.21	181.0	14.8	31.1	8.3	8.1	0.56
1	2	15.00	SecH1	L3x3x1/4	6.17	125.4	17.2	17.2	7.6	7.6	0.44
1	2	15.00	SecD1	L3x3x1/4	9.44	192.0	11.2	17.2	6.3	6.3	0.57
1	2	15.00	PlanH1	L3 1/2x3 1/2x1/4	12.33	214.5	10.5	17.2	0.1	0.1	0.01
1	1	0.00	SecH1	L3x3x1/4	6.60	134.3	17.2	17.2	7.9	7.9	0.46
1	1	0.00	SecD1	L3x3x1/4	9.71	197.5	10.6	17.2	6.3	6.3	0.60
1	1	0.00	PlanH1	L3 1/2x3 1/2x1/4	13.21	229.7	9.2	17.2	0.1	0.1	0.01

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Contract: 246741

Project: 255 FT RTL TOWER

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Revision: 1

Site: LV LUSBYS MILL- KY

Engineer: AS

Section M: SECTION PROPERTIES DATA

Sec	Pan	Memb.	Steel	Conn.	Bolts	Bolt	Bolt	End	Gusset	kl/r	Comp	Tens	Bolt	Bear.	Block
		Type	Grade	Type	Bolts	Size	Grade	Dist.	Thick.		Cap.	Cap.	Cap.	Cap.	Shear
						(in)		(in)	(in)		(Kips)	(Kips)	(Kips)	(Kips)	(Kips)
12	2	Leg	A500 gr.CS	Tension	4	0.750	A325X	1.800	N/A	63.4	57.1	76.5	121.7T	N/A	N/A
12	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	106.8	10.5	11.9	17.2S	9.8	7.1
12	2	Horiz	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	145.7	8.4	17.4	17.2S	14.7	10.7
12	1	Leg	A500 gr.CS	Tension	4	0.750	A325X	1.800	N/A	63.4	57.1	76.5	121.7T	N/A	N/A
12	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	107.1	10.5	11.9	17.2S	9.8	7.1
11	3	Leg	A500 gr.CS	Tension	5	0.875	A325X	2.100	N/A	51.7	82.5	100.4	209.9T	N/A	N/A
11	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	108.6	15.0	17.4	17.2S	14.7	10.7
11	2	Leg	A500 gr.CS	Tension	5	0.875	A325X	2.100	N/A	51.7	82.5	100.4	209.9T	N/A	N/A
11	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	108.9	15.0	17.4	17.2S	14.7	10.7
11	1	Leg	A500 gr.CS	Tension	5	0.875	A325X	2.100	N/A	51.7	82.5	100.4	209.9T	N/A	N/A
11	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	109.1	14.9	17.4	17.2S	14.7	10.7
10	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	53.1	116.1	142.6	275.3T	N/A	N/A
10	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	118.4	14.5	20.7	17.2S	14.7	11.8
10	3	Horiz	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	145.1	8.4	17.4	17.2S	14.7	10.7
10	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	53.1	116.1	142.6	275.3T	N/A	N/A
10	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	125.5	12.9	20.7	17.2S	14.7	11.8
10	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	53.1	116.1	142.6	275.3T	N/A	N/A
10	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	133.5	11.4	20.7	17.2S	14.7	11.8
9	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
9	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	139.3	10.5	20.7	17.2S	14.7	11.8
9	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
9	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	147.6	9.3	20.7	17.2S	14.7	11.8
9	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
9	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	155.9	8.4	20.7	17.2S	14.7	11.8
8	3	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
8	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	164.9	9.9	27.3	17.2S	19.5	15.7
8	2	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
8	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	173.9	8.9	27.3	17.2S	19.5	15.7
8	1	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
8	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	183.1	8.0	27.3	17.2S	19.5	15.7
7	3	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	36.0	274.8	302.1	330.3T	N/A	N/A
7	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	151.2	11.3	27.7	17.2S	14.7	14.1
7	2	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	36.0	274.8	302.1	330.3T	N/A	N/A
7	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	158.5	10.3	27.7	17.2S	14.7	14.1
7	1	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	36.0	274.8	302.1	330.3T	N/A	N/A
7	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	165.8	9.4	27.7	17.2S	14.7	14.1
6	3	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	36.4	343.5	378.5	330.3T	N/A	N/A
6	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	173.2	11.4	36.5	17.2S	19.5	18.7
6	2	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	36.4	343.5	378.5	330.3T	N/A	N/A
6	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	180.7	10.4	36.5	17.2S	19.5	18.7
6	1	Leg	A500 gr.CS	Tension	6	1.000	A325X	2.400	N/A	36.4	343.5	378.5	330.3T	N/A	N/A
6	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	188.2	9.6	36.5	17.2S	19.5	18.7
5	3	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	36.4	343.5	378.5	765.3T	N/A	N/A
5	3	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	177.2	10.8	36.5	34.5S	34.1	25.0
5	2	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	36.4	343.5	378.5	765.3T	N/A	N/A
5	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	183.4	10.1	36.5	34.5S	34.1	25.0
5	1	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	36.4	343.5	378.5	765.3T	N/A	N/A
5	1	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	189.7	9.5	36.5	34.5S	34.1	25.0
4	2	Leg	A500 gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
4	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	178.6	12.9	45.6	34.5S	34.1	28.1



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Contract: 246741

Project: 255 FT RTL TOWER

Date and Time: 9/6/2024 11:27:29 AM

Revision: 1

Site: LV LUSBYS MILL- KY

Engineer: AS

4	1	Leg	A500	gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
4	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	185.5	12.0	45.6	34.5S	34.1	28.1
3	3	Leg	A500	gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
3	3	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	168.6	17.0	54.8	34.5S	34.1	31.1
3	2	Leg	A500	gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
3	2	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	174.6	15.9	54.8	34.5S	34.1	31.1
3	1	Leg	A500	gr.CS	Tension	6	1.500	A325X	3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
3	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	180.6	14.8	54.8	34.5S	34.1	31.1
2	3	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.7	505.6	574.2	765.3T	N/A	N/A
2	3	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	186.2	13.9	54.8	34.5S	34.1	31.1
2	2	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.7	505.6	574.2	765.3T	N/A	N/A
2	2	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	191.3	13.2	54.8	34.5S	34.1	31.1
2	1	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.7	505.6	574.2	765.3T	N/A	N/A
2	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	196.5	12.5	54.8	34.5S	34.1	31.1
1	2	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	31.3	534.4	574.2	765.3T	N/A	N/A
1	2	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	176.1	17.9	63.9	34.5S	34.1	34.2
1	2	Horiz	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	171.7	16.4	54.8	34.5S	34.1	31.1
1	2	SecH1	A529	gr.50	Bolted	1	0.625	A325X	1.500	0.250	125.4	26.2	45.6	17.2S	19.5	21.8
1	2	SecD1	A529	gr.50	Bolted	1	0.625	A325X	1.500	0.250	192.0	11.2	45.6	17.2S	19.5	21.8
1	2	PlanH1	A529	gr.50	Bolted	1	0.625	A325X	1.500	0.250	214.5	10.5	54.8	17.2S	19.5	24.8
1	1	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	31.3	534.4	574.2	765.3T	N/A	N/A
1	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	181.9	16.8	63.9	34.5S	34.1	34.2
1	1	Horiz	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	181.0	14.8	54.8	34.5S	34.1	31.1
1	1	SecH1	A529	gr.50	Bolted	1	0.625	A325X	1.500	0.250	134.3	22.8	45.6	17.2S	19.5	21.8
1	1	SecD1	A529	gr.50	Bolted	1	0.625	A325X	1.500	0.250	197.5	10.6	45.6	17.2S	19.5	21.8
1	1	PlanH1	A529	gr.50	Bolted	1	0.625	A325X	1.500	0.250	229.7	9.2	54.8	17.2S	19.5	24.8



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Contract: 246741

Project: 255 FT RTL TOWER

Date and Time: 9/6/2024 11:27:29 AM

Revision: 1

Site: LV LUSBYS MILL- KY

Engineer: AS

Section N: LEG REACTION DATA

Load Combination	Max Envelope				
Wind Direction	Maximum				
	Force-Y Download (Kips)	Force-Y Uplift (Kips)	Shear-X (Kips)	Shear-Z (Kips)	Max Shear (Kips)
	473.89	401.53			44.15



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Contract: 246741

Project: 255 FT RTL TOWER

Date and Time: 9/6/2024 11:27:29 AM

Revision: 1

Site: LV LUSBYS MILL- KY

Engineer: AS

Section O: TOWER FOUNDATION DATA

Load Combination Max Envelope
 Wind Direction Maximum

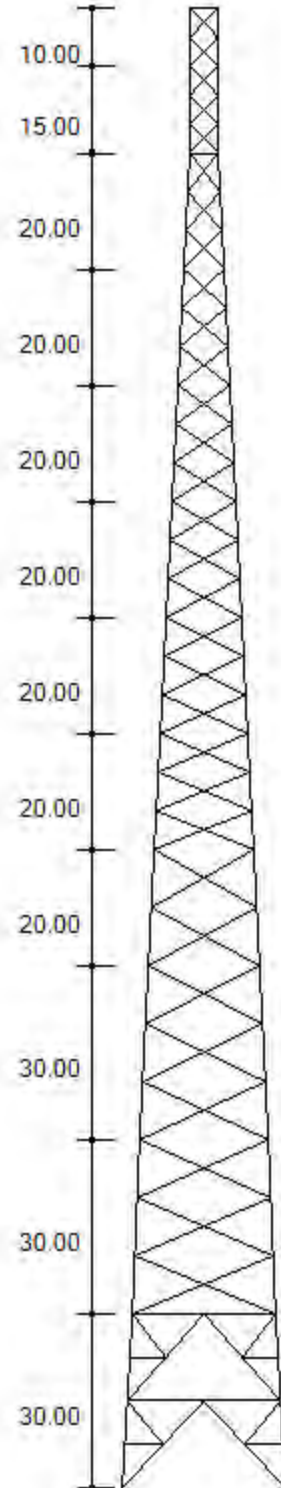
Axial Load (Kips)	Shear Load-X (Kips)	Shear Load-Z (Kips)	Total Shear (Kips)	Moment-X (Kipsft)	Moment-Y (Kipsft)	Moment-Z (Kipsft)	Total Moment (Kipsft)
73.14	35.08	-60.77	70.17	-9324.81	1.98	-5381.17	10766.10
73.14	35.08	-60.77	70.17	-9324.81	1.98	-5381.17	10766.10

File: J:\2024\246741\ENGINEERING\246741.out
Contract: 246741
Project: 255 FT RTL TOWER
Date and Time: 9/6/2024 11:27:29 AM

Revision: 1
Site: LV LUSBYS MILL- KY
Engineer: AS

DESIGN SPECIFICATION

Sct	Length (ft)	Top W. (in)	Bot Width (in)
1	30.00	289.97	337.97
2	30.00	265.97	301.97
3	30.00	229.97	265.97
4	20.00	205.97	229.97
5	20.00	180.24	205.97
6	20.00	156.24	180.24
7	20.00	132.24	156.24
8	20.00	107.32	132.24
9	20.00	83.32	107.32
10	20.00	58.40	83.32
11	15.00	57.53	58.40
12	10.00	56.99	57.53



MAXIMUM BASE REACTIONS

Download (Kips)	473.9
Uplift (Kips)	401.5
Shear (Kips)	44.2

Customer: BLUE SKY TOWER IV, LLC
 Project: 255 FT RTL TOWER
 Site: LV LUSBYS MILL, KY
 Engr. File: 246741
 Build Code: ANSI/TIA-222-H-2016



Mat Foundation

ver.3.0.8

Design Parameters

Description	Load Case					
	1	2	3	4	5	Service
Total Moment, ft-kips	10,765.64	10,766.10	1,566.93	503.80	502.93	3,524.32
Total Shear, kips	70.16	70.17	9.55	2.44	2.44	23.14
Total Tower Wt, kips	97.52	73.14	229.25	97.49	73.12	81.24
Max. Uplift, kips	393.42	401.53	.00	.00	.00	112.55
Shear, kips	38.31	38.84	38.84	11.53	11.53	11.53
Max Download, kips	473.89	465.78	140.66	53.15	44.99	171.57
Shear	44.15	43.63	10.83	3.68	3.15	15.66
Soil L.F.	1.20	0.90	1.20	1.20	0.90	1.00
Concrete L.F.	1.20	0.90	1.20	1.20	0.90	1.00

Foundation	
Ht. AGL, ft	0.50
Depth, ft.	5.25
Tower	
Face Width, ft	28.16
Offset, in	48.00
Soil	
Blow Count	N/A
Inplace Unit Wt, pcf	108.00
Submerged Unit Wt, pcf	60.00
Friction Angle, ϕ , deg.	30.00
Cohesion, ksf	N/A
Uplift Angle, deg.	30.00
Water Depth, ft	None
Ult Bearing Capacity, ksf	27.68

Mat	
Thickness, ft	2.00
Width, ft	34.50
EA, in	15.00
Batter, in/ft	0.00

Pier	
Height, ft	3.75
Diameter, ft	3.50
No. Piers	3
Shape	Round

Anchor Bolts	
Diameter, in	1.5000
No.	6
Length, in	74.00
Bolt Circle, in	20.00
Projection, in	9.00

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

Concrete	
28 Day Strength, ksi	4.50
Dry Unit Wt, pcf	150.00
Wet Unit Wt, pcf	88.00

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

Results

ϕM_N – Parallel Axis 12,470.70 ft-kips
 ϕM_N – Diagonal Axis 13,737.92 ft-kips
 Moment – Interaction Ratio 0.921
 ϕV_N – Lateral Load 203.70 kips
 Lateral Load – Interaction Ratio 0.344

Final Mat Dimension : 34.50 x 34.50 x 2.00 ft. thick w/ (3) 3.50 ft. Dia. Piers

Final Pocket Dimension : Pockets not required

Total Volume of Concrete : 92.2 yd³

Designed By: AS
 Date: 06 September, 2024 @ 11:36 AM

ENGINEERING
 CHECKED BY: SY
 09/06/2024

Customer: BLUE SKY TOWER IV, LLC
 Project: 255 FT RTL TOWER
 Site: LV LUSBYS MILL, KY
 Engr. File: 246741
 Build Code: ANSI/TIA-222-H-2016



Mat Foundation

ver.3.0.8

OTM Capacity

Controlling Load Case: 2 [Wind w/Min. Dead Load]
 Foundation Width = 34.50 ft
 $M_U = 11,486.6$ ft-kips

	ϕM_N , ft-kips	x, ft	N	σ_{ur}
Parallel	12,470.7	3.450	0.100	8.89
Diagonal	13,737.9	10.910	0.224	8.89

$\phi M_N = 12,470.70$ ft-kips IRatio = 0.921
 $\phi V_N = 203.70$ kips IRatio = 0.344

Mat Design

$\gamma_c = 124.00$ pcf

Exterior Slab	x, ft	N	σ_R , ksf	P_s , kips	P_{su} , kips	Moment, ft-kips/ft		Shear, kips/ft	
						DownLoad Side	Uplift Side	Download Side	Uplift Side
Parallel	5.826	0.169	3.94	17.53	0.00	19.06	6.10	11.31	3.13
Diagonal	15.087	0.309	3.48	17.53	0.00	102.82	34.38	21.83	7.60

Interior Slab	Moment, ft-kips/ft			Shear, kips/ft		
	DownLoad Side	Uplift Side	Download Side	Uplift Side	Soil Pressure Termination	
	23.79	83.17	5.79	8.70	6.76	

Punching Shear	Download			Uplift			Description
	Interior	Edge	Corner	Interior	Edge	Corner	
b_o , ft	18.74	15.71	12.98	16.08	14.38	12.31	2-Way Shear
V_{su} , psi	122.08	152.94	194.54	119.59	139.89	173.18	
ϕV_c , psi	228.08	228.08	228.08	228.08	228.08	228.08	
IR	0.54	0.67	0.85	0.52	0.61	0.76	
M_{ut} , ft-kips	99.3			87.4			Moment transfer to slab
B_e , ft	7.9			7.5			
M_u , ft-kips/ft	12.5			11.6			
Edge Distances: a = 4.99 ft. b = 3.17 ft. c = 5.12 ft.							

Summary	Max. Value	Utilization
Slab Moment, ft-kips/ft	102.82	0.991
Slab Shear, kips/ft	21.83	0.840
Punching Shear, psi	194.54	0.853
Soil Bearing Required, σ_{UR} , ksf	5.26	0.190

Mat Reinforcement	
Min. Steel Area (Strength)	1.103 in ² /ft.
Min. Steel Area (Temperature)	.259 in ² /ft.
Steel Strain Actual	0.015
Minimum Steel Strain Required	0.005

64 - #7 Horizontal bars equally spaced @6.48 in., each way, top and bottom, total of 256, $A_s = 1.115$ in²/ft

Designed By: AS
 Date: 06 September, 2024 @ 11:36 AM

Customer: BLUE SKY TOWER IV, LLC
Project: 255 FT RTL TOWER
Site: LV LUSBYS MILL, KY
Engr. File: 246741
Build Code: ANSI/TIA-222-H-2016



Mat Foundation

ver.3.0.8

Pier Design

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

C = 465.78 kips	Vc = 43.63 kips	Mc = 163.61 ft-kips
T = 401.53 kips	Vt = 38.84 kips	Mt = 145.65 ft-kips
Fy = 60.00 ksi	Fyt = 60.00 ksi	L.F. = 1.00
H = 42.00 in.	Ds = 33.00 in.	F'c = 4.50 ksi
U = 1.00	Irs = Round	

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

SUMMARY OF ANALYSIS

Minimum area of steel required	= 12.595 in ²	(Rhomin = 0.0091)
Area of steel provided.	= 13.991 in ²	(Rhoactual = 0.0101)
Maximum steel area limit	= 110.836 in ²	(Rhomax = 0.0800)

(14) #9 Vertical Bars equally spaced w/ #4 Circular Ties @ 3" on center.

CIRCULAR TIE DATA

Size	Spacing
3	6.3
4	11.4
5	12.0
6	12.0

Use spacing shown or maximum tie spacing specified in ACI 318, Section 7.10.5 for compression reinforcement, whichever is less.

DEVELOPMENT LENGTH MODIFIERS FOR BAR DEVELOPMENT

Modifier for tension development = 1.000

Modifier for compression development = 0.169

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

Designed By: AS
Date: 06 September, 2024 @ 11:36 AM

File no : 246471 Customer: **BLUE SKY TOWER IV, LLC** Date 09/06/24

By: AS Description: **255 FT RTL TOWER** Page 1

Chk: _____ **LV LUSBYS MILL, KY** Ver. 07/08/2024

ENGINEERING
CHECKED BY: SY
09/06/2024

FACTORED REACTIONS / LEG

Tower Type: RT

COMPRESSION = 473.89 k
 UPLIFT = 401.53 k (6) - 1.5 " dia 74 " A.B. per leg
 SHEAR = 44.15 k $f'_c = 4,500$ psi
 UPLIFT FROM SOIL HEAVE = 0.00 k $f_y = 60,000$ psi

SOIL PARAMETERS

- A) Depth neglected for skin friction = Top 2.3 ft
- B) Average ultimate skin shear for uplift:
 2.3 ft to 3.5 ft depth = 1050 psf, and 3.5 ft to 6.0 ft depth = 2130 psf, and 6.0 ft to 8.5 ft depth = 460 psf, and 8.5 ft to 13.5 ft depth = 2500 psf, and 13.5 ft to 17.9 ft depth = 3500 psf.
- C) Average ultimate skin shear for download:
 2.3 ft to 3.5 ft depth = 1050 psf, and 3.5 ft to 6.0 ft depth = 2130 psf, and 6.0 ft to 8.5 ft depth = 460 psf, and 8.5 ft to 13.5 ft depth = 2500 psf, and 13.5 ft to 17.9 ft depth = 3500 psf.
- D) Ultimate net end bearing at 18.0 ft = 74.70 ksf.
- E) Groundwater table below foundation depth.

USE 4'- 6" DIAMETER AND 18'- 0" DEEP DRILLED PIER WITH 0'- 6" CAP

Perimeter = 14.14 ft Area = 15.90 ft²

Total Download = 473.89 + [1.2 x 0.15 - 0.75 x 0.120] x 18 x 15.90 = 500.4 k

Tension Capacity = 15.90 x (18.5 x 0.15 + 0.0 x 0.09) x 0.90 + 14.14 x
 (1.050 x 1.3 + 2.130 x 2.5 + 0.460 x 2.5 + 2.500 x 5.0 + 3.500 x 4.4) x 0.75 =

39.7 + 378.5 = 418.2 k
 418.2 >= 401.53 **OK**

Comp. Capacity = 15.90 x 74.70 x 0.75 + 14.14 x
 (1.050 x 1.3 + 2.130 x 2.5 + 0.460 x 2.5 + 2.500 x 5.0 + 3.500 x 4.4) x 0.75 =

890.8 + 378.5 = 1269.3 k
 1269.3 >= 500.4 **OK**

LATERAL - SEE ATTACHED CALCULATIONS USING WIGGINS METHOD

Max M = 280.63 ft-k Max V = 47.77 k

REINFORCEMENT - SEE ATTACHED SHAFT PROGRAM

USE 14 - # 9 BARS VERTICAL WITH
 # 4 TIES AT 6" IN TOP 7.0 FT AND AT
 12 " IN REST OF PIER

STEEL AREA = 13.99 in² OK
 {42.0 in Cage Diameter}

CONCRETE VOL. = 15.90 x 18.5 / 27 = 10.9 cu yds / pier

Drilled Pier Analysis

 ** WIGGINS METHOD **

 ** DETERMINE MAXIMUM LATERAL SOIL PRESSURE **
 ** AND MAXIMUM MOMENT IN THE SHAFT FOR **
 ** A DRILLED PIER FOUNDATION **
 ***** Fri Sep 6 11:42:26 2024 *****
 Ver. 2.3 NT

FILE NO.- 246471
 ENGR.- AS
 DESCR.- BLUE SKY TOWER IV, LLC 255 FT

FORMULAS USED

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

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

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

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

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

$$V = \frac{S1 \cdot D \cdot K \cdot L}{2} \text{ or } P \text{ whichever is greater}$$

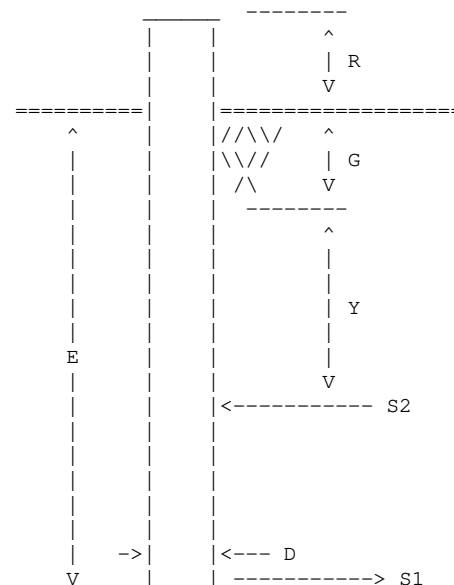
$$L = (MA/P) + R + E$$

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

$$N = NL / L$$

$$SP1 = S1 / E$$

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



Diameter of Pier = D = 4.50 ft
 Projection Above Grade = R = .50 ft
 Embedment Depth = E = 18.00 ft
 Depth of Soil Ignored = G = 2.25 ft

Equivalent Length of Pier = L = 18.50 ft
 Length for NO Soil Resistance = NL = 2.75 ft
 Applied Moment at Top of Pier = MA = .00 ft-k
 Shear at Top of Pier = P = 44.15 kips

MAXIMUM LATERAL SOIL PRESSURES

MAXIMUM VALUES IN SHAFT

K = .2276
 Y = 5.77 ft
 S1 = 5.043 ksf
 S2 = 2.532 ksf
 SP1 = 280 psf/ft
 SP2 = 316 psf/ft

M = 280.63 ft-k
 V = 47.77 kips

Drilled Pier Analysis

246471
BLUE SKY TOWER IV

**
** COMPARISION DATA **
**

BROMS ----->

SAND
PHI = 30.0 degrees
DENSITY = 100.00 pcf
E = 16.13 ft
Max. M = 315.77 ft-k
Max. V = 117.16 kips
Ls = 12.622 ft

CLAY
C = 1.00 ksf
E = 17.46 ft
Max. M = 368.22 ft-k
Max. V = 86.35 kips

EIA REV. E NORMAL SOIL -----> E = 12.45 ft

EIA REV. F NORMAL SOIL -----> E = 15.74 ft

SHAFT REINFORCING PROGRAM VER. 91.7
=====

DESIGNED BY: AS
 ENG. FILE NO.: 246471
 DATE: 09/06/24

CUSTOMER: BLUE SKY TOWER IV, LLC
 DESCRIPTION: 255 FT RTL TOWERLV LUSBYS MILL, KY

INPUT DATA
=====

C = 473.89 Kips	Vc = 47.77 Kips	Mc = 280.63 Ft-K
T = 401.53 Kips	Vt = 47.77 Kips	Mt = 280.63 Ft-K
Fy = 60.00 Ksi	Fyt = 60.00 Ksi	L.F. = 1.00
H = 54.00 In.	Ds = 42.00 In.	F'c = 4.50 Ksi
U = 1.00	Irs = 1	

*** SHAFT CROSS SECTION IS ROUND ***

SUMMARY OF ANALYSIS
=====

Minimum area of steel req'd. = 13.89 sq.in. (Rhomin = 0.0061)
 Maximum steel area limit = 183.22 sq.in. (Rhomax = 0.0800)

CIRCULAR TIE DATA
=====

$V_u < 0.85 \cdot V_c / 2$, shear reinforcement is not required.

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

DEVELOPMENT LENGTH MODIFIERS FOR TENSION AND COMPRESSION BAR DEVELOPMENT
=====

DLMT = MODIFIER FOR TENSION DEVELOPMENT =	1.000
DLMC = MODIFIER FOR COMPRESSION DEVELOPMENT =	.313
REQUIRED Ld = MODIFIER * BASIC Ld * ACI 318 MODIFIERS (12 in. min.)	
DLMT = MODIFIER FOR TENSION DEVELOPMENT =	1.000
DLMC = MODIFIER FOR COMPRESSION DEVELOPMENT =	.339
REQUIRED Ld = MODIFIER * BASIC Ld * ACI 318 MODIFIERS (12 in. min.)	

EXHIBIT D

COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

KY Public Service Commission

Master Utility Search

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

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

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

View	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA
View	4114250	Approved Contact LLC	Cellular	D	Reno	NV
View	4115050	Aquarius Silver LLC	Cellular	C	Sheridan	WY
View	4105700	Assurance Wireless USA, L.P.	Cellular	D	Atlanta	GA
View	4114150	Atlantic Mobile US LLC d/b/a Angel Mobile	Cellular	D	Wilmington	DE
View	4113100	BARK TECHNOLOGIES, INC.	Cellular	D	Charlotte	NC
View	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
View	4106000	Best Buy Health, Inc. d/b/a GreatCall d/b/a Jitterbug	Cellular	A	San Diego	CA
View	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
View	4107600	Boomerang Wireless, LLC	Cellular	A	Dallas	TX
View	4115500	CALL CENTERS INDIA INCORPORATED d/b/a Blueconnects	Cellular		Seattle	WA
View	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4106600	Cintex Wireless, LLC	Cellular	D	Houston	TX
View	4112900	Clear Mobile, LLC	Cellular	D	Tulsa	OK
View	4114550	Cliq Communications LLC d/b/a Cliq Mobile	Cellular	D	Coral Gables	FL
View	4111150	Comcast OTR1, LLC	Cellular	A	Phoeniexville	PA
View	4113550	Comlink Total Solutions Corp	Cellular	D	Fort Myers	FL
View	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
View	4112700	Cox Wireless, LLC	Cellular	D	Atlanta	GA
View	4108850	Cricket Wireless, LLC	Cellular	A	San Antonio	TX
View	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	B	Long Island City	NY
View	4114000	Daywalker Mobile Inc.	Cellular	D	Bartlesville	OK
View	4112000	DISH Wireless L.L.C.	Cellular	A	Englewood	CO
View	4111200	Dynalink Communications, Inc.	Cellular	C	Brooklyn	NY
View	4111800	Earthlink, LLC	Cellular	B	Atlanta	GA
View	4101000	East Kentucky Network, LLC dba Appalachian Wireless	Cellular	A	Ivel	KY
View	4002300	Easy Telephone Service Company dba Easy	Cellular	D	Ocala	FL

		Wireless				
View	4113250	Elevate Platforms, LLC	Cellular	D	Nashville	TN
View	4109500	Enhanced Communications Group, LLC	Cellular	D	Bartlesville	OK
View	4113800	EVOLVE WIRELESS LLC	Cellular	D	Maumee	OH
View	4110450	Excellus Communications, LLC	Cellular	D	Harrisburg	SD
View	4112400	Excess Telecom Inc.	Cellular	D	Beverly Hills	CA
View	4104800	France Telecom Corporate Solutions L.L.C.	Cellular	D	Herndon	VA
View	4111750	Gabb Wireless, Inc.	Cellular	A	Lehi	UT
View	4109350	Global Connection Inc. of America	Cellular	D	Miami	FL
View	4102200	Globalstar USA, LLC	Cellular	C	Covington	LA
View	4112850	GO TECHNOLOGY MANAGEMENT, LLC	Cellular	D	Atlanta	GA
View	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
View	4113500	GR8 CONNECT Corp.	Cellular	C	Brooklyn	NY
View	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
View	4114300	Group F Consulting, LLC	Cellular	D		
View	4114050	Helix Wireless Inc.	Cellular	D	Monmouth Junction	NJ
View	4111350	HELLO MOBILE TELECOM LLC	Cellular	D	Dania Beach	FL
View	4112950	Hoop Wireless, LLC	Cellular	D	Lakewood	NJ
View	4103100	i-Wireless, LLC	Cellular	C	Newport	KY
View	4112550	IDT Domestic Telecom, Inc.	Cellular	D	Newark	NJ
View	4109800	IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Plano	TX
View	4112650	Insight Mobile, Inc.	Cellular	D	Los Angeles	CA
View	4115300	Interactivetel LLC	Cellular	C	Houston	TX
View	4111950	J Rhodes Enterprises LLC	Cellular	D	Gulf Breeze	FL
View	22215360	KDDI America, Inc.	Cellular	D	Staten Island	NY
View	10872	Kentucky RSA #1 Partnership	Cellular	A	Basking Ridge	NJ
View	4112200	Lexvor Inc.	Cellular	D	Irvine	CA
View	4111250	Liberty Mobile Wireless, LLC	Cellular	B	Sunny Isles Beach	FL
View	4114900	Liberty Wireless, LLC	Cellular	C	Rockville	MD
View	4114750	Link Mobile, Inc.	Cellular	C	New York	NY

View	4111400	Locus Telecommunications, LLC	Cellular	D	Fort Lee	NJ
View	4114500	Lux Mobile USA, Inc	Cellular	D	Baton Rouge	LA
View	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
View	4112500	Marconi Wireless Holdings, LLC	Cellular	B	Westlake Village	CA
View	4113850	MAXSIP TEL KENTUCKY LLC d/b/a Maxsip Telecom	Cellular	D	Woodmere	NY
View	4114800	Mediacom Wireless LLC	Cellular	C	Mediacom Park	NY
View	4108800	MetroPCS Michigan, LLC	Cellular	A	Bellevue	WA
View	4111700	Mint Mobile, LLC	Cellular	A	Costa Mesa	CA
View	4111850	Mobi, Inc.	Cellular	D	Honolulu	HI
View	4115100	Mobile 13, Inc	Cellular	C	South Jordan	UT
View	4114100	MVNO Connect LLC	Cellular	D	St. Petersburg	FL
View	4113350	NatWireless, LLC	Cellular	D	Houston	TX
View	4202400	New Cingular Wireless PCS, LLC	Cellular	A	San Antonio	TX
View	4110700	Norcell, LLC	Cellular	D	Clayton	WA
View	4113700	Nova Labs, Inc. dba Helium Mobile	Cellular	D	Las Vegas	NV
View	4110750	Onvoy Spectrum, LLC	Cellular	D	Chicago	IL
View	4114950	Panda Mobile LLC	Cellular	C	Sparks	NV
View	4109050	Patriot Mobile LLC	Cellular	B	Grapevine	TX
View	4115600	PHREELI COMPANY	Cellular	C	Lewes	DE
View	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
View	4115650	PLUG MOBILE LLC	Cellular	C	St. Louis	MO
View	33351182	PNG Telecommunications, Inc. dba PowerNet Global Communications	Cellular	D	Cincinnati	OH
View	4114850	POWER MOBILE LLC	Cellular	C	Rockville Centre	NY
View	4112800	Prepaid Wireless Group, LLC dba Prepaid Wireless Wholesale	Cellular	D	Rockville	MD
View	4115550	Prepaid Wireless Wholesale of Maryland, LLC	Cellular	C	Rockville	MD
View	4114350	PRESTO WIRELESS Corp.	Cellular	D	Fair Lawn	NJ
View	4115000	Prosper Wireless LLC	Cellular	D	Sherman Oaks	CA
View	4107700	Puretalk Holdings, Inc.	Cellular	A	Covington	GA

View	4106700	Q Link Wireless, LLC	Cellular	A	Dania	FL
View	4108700	Ready Wireless, LLC	Cellular	D	Cedar Rapids	IA
View	4113200	Red Pocket Inc.	Cellular	D	Thousand Oaks	CA
View	4114200	Rocstar Wireless LLC	Cellular	D	Bedford	TX
View	4114700	Rocket Mobile LLC	Cellular	C	West Palm Beach	FL
View	4115400	RSCU Mobile, LLC	Cellular	C	Alpine	UT
View	4106200	Rural Cellular Corporation	Cellular	A	Basking Ridge	NJ
View	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	A	Los Angeles	CA
View	4113050	Sarver Corporation	Cellular	D	Rancho Cucamonga	CA
View	4109150	SelectTel, Inc. d/b/a SelectTel Wireless	Cellular	A	Fremont	NE
View	4110150	Spectrotel of the South LLC dba Touch Base Communications	Cellular	D	Neptune	NJ
View	4111450	Spectrum Mobile, LLC	Cellular	A	St. Louis	MO
View	4114400	Splash Cellular Inc.	Cellular	D	Bountiful	UT
View	4111600	STX Group LLC dba Twigby	Cellular	D	Murfreesboro	TN
View	4115450	Surf Telecom, LLC	Cellular	C	Key Bixcayne	FL
View	4113450	Syntegra North America, LLC	Cellular	D	Denton	TX
View	4202200	T-Mobile Central, LLC dba T-Mobile	Cellular	A	Bellevue	WA
View	4002500	TAG Mobility, LLC d/b/a TAG Mobile	Cellular	D	Plano	TX
View	4107200	Telefonica Global Solutions USA, Inc.	Cellular	D	Miami	FL
View	4112100	Tello LLC	Cellular	A	Atlanta	GA
View	4108900	Telrite Corporation	Cellular	D	Covington	GA
View	4108450	Tempo Telecom, LLC	Cellular	D	Dallas	TX
View	4113900	TERRACOM Inc. d/b/a Maxsip Tel	Cellular	D	Chattanooga	TN
View	4113950	THE LIGHT PHONE INC.	Cellular	D	Brooklyn	NY
View	4110400	Torch Wireless Corp.	Cellular	C	Bartlett	TN
View	4103300	Touchtone Communications, Inc.	Cellular	D	Cedar Knolls	NJ
View	4104200	TracFone Wireless, Inc.	Cellular	D	Miami	FL
View	4115350	TREK CELLULAR, LLC	Cellular	C	Stevensville	MD
View	4112250	TROOMI WIRELESS, Inc.	Cellular	D	Orem	UT

View	4114600	TruConnect Communications, Inc.	Cellular	D	Los Angeles	CA
View	4112600	Tube Incorporated dba Reach Mobile	Cellular	D	Atlanta	GA
View	4112750	Unity Wireless, Inc.	Cellular	D	Pembroke Pines	FL
View	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	C	Costa Mesa	CA
View	10630	Verizon Americas LLC dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4113300	Via Wireless, LLC	Cellular	D	Houston	TX
View	4110800	Visible Service LLC	Cellular	D	Basking Ridge	NJ
View	4113750	VOLT MOBILE Inc	Cellular	D	Delray Beach	FL
View	4114450	WeIncentivize LLC d/b/a ChosenWireless	Cellular	D	San Diego	CA
View	4113000	Whoop Connect Inc.	Cellular	D	Melbourne	FL
View	4115250	WHOOB MOBILE INC.	Cellular	C	Melbourne	FL
View	4106500	WiMacTel, Inc.	Cellular	D	Calgary, AB	CA
View	4110950	Wing Tel Inc.	Cellular	D	New York	NY
View	4113400	Wrizzle, Inc.	Cellular	D	New Milford	CT
View	4113650	XCHANGE TELECOM LLC	Cellular	D	Brooklyn	NY
View	4112150	Zefcom, LLC	Cellular	C	Wichita Falls	TX

EXHIBIT E

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



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

Aeronautical Study No.
 2024-ASO-18039-OE
 Prior Study No.
 2024-ASO-12412-OE

Issued Date: 10/31/2024

Chuck Laurette
 Blue Sky Towers IV, LLC
 352 Park Street
 Suite 106
 North Reading, MA 01864

**** 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-00765 - Lusby's Mill
 Location: Corinth, KY
 Latitude: 38-31-17.66N NAD 83
 Longitude: 84-40-35.41W
 Heights: 872 feet site elevation (SE)
 265 feet above ground level (AGL)
 1137 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 Change 1, 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 05/01/2026 unless:

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

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

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

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

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

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

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

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (817) 222-5928, or chris.smith@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-ASO-18039-OE.

Signature Control No: 633532227-637658082

(DNE)

Chris Smith
Specialist

Attachment(s)
Additional Information
Frequency Data
Map(s)

cc: FCC

Additional information for ASN 2024-ASO-18039-OE

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

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

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

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

Frequency Data for ASN 2024-ASO-18039-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	2000	W
614	698	MHz	1000	W
698	806	MHz	1000	W
806	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
3550	3700	MHz	1640	W
3700	3980	MHz	1640	W





EXHIBIT F

**KENTUCKY AIRPORT ZONING COMMISSION
APPROVAL DOCUMENTATION**



KENTUCKY AIRPORT ZONING COMMISSION

ANDY BESHEAR
Governor

Department of Aviation, 90 Airport Road
Frankfort, KY 40601
www.transportation.ky.gov
502-564-0151

JIM GRAY
Secretary

APPROVAL OF APPLICATION

Friday, November 1, 2024

Blue Sky Towers IV, LLC
352 Park Street
North Reading, MA 01864

AS-2024-088-8GK **Gallatin County Airport**
APPLICANTS NAME: Blue Sky Towers IV, LLC
NEAREST CITY: Owenton, KY
LATITUDE/LONGITUDE: 38°31'17.66" N, 84°40'35.41" W
HEIGHT (In Feet): 265' AGL /1,342' AMSL
CONSTRUCTION PROPOSED: Telecommunications Tower

NOTES: The tower location is approximately 19 nm SE of 8GK, exceeds 200 ft AGL, and penetrates no protected air surfaces.

FAA DETERMINATION: 2024-ASO-12412-OE. No Hazard to Air Navigation. Marking and Lighting required IAW FAA AC 70/7460-1 M, med-dual system – Chapter 4,8(M-Dual)&15.

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

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

An email of this letter was also sent to your representative, Donna Love, at donna.love@blueskytower.com. If you have any questions, please contact us.

Respectfully,

Anthony Adams

Airport Zoning Commission Administrator
KY Department of Aviation
502-564-0151 Office
AirportZoning@ky.gov

EXHIBIT G
GEOTECHNICAL REPORT

Date: **November 1, 2024**



Ricardo Costa
BlueSky Tower Partners LLC
352 Park Street, Suite 106
North Reading, MA 01864
(508) 530-3580

326 Tryon Road
Raleigh, NC 27603
(919) 661-6351
Geotech@tepgroup.net

Subject: Subsurface Exploration Report – Revision 2

BlueSky Tower Designation: **Site Number:** KY-00765
Site Name: Lusby's Mill

Engineering Firm Designation: **TEP Project Number:** 341452.973748-R2

Site Data: **9275 Highway 330, Corinth, KY 41010 (Owen County)**
Latitude N38° 31' 17.7", Longitude W84° 40' 35.4"
255 Foot – Proposed Self Support Tower

Ricardo Costa,

TEP is pleased to submit this “**Subsurface Exploration Report – Revision 2**” to evaluate subsurface conditions in the tower area as they pertain to providing support for the tower foundation.

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

TEP assumes the current ground surface elevation, tower location and subsequent centerline provided are correct and are consistent with the elevation and centerline to be used for construction of the structure. Should the ground surface elevation be altered and/or the tower location be moved or shifted TEP should be contacted to determine if additional borings are necessary.

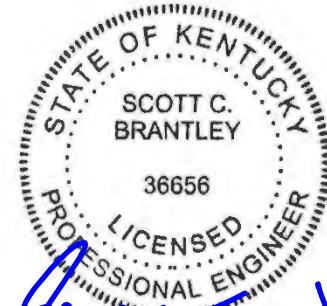
The analyses and recommendations submitted herein are based, in part, upon the data obtained from the subsurface exploration. The soil conditions may vary from what is represented in the boring log. While some transitions may be gradual, subsurface conditions in other areas may be quite different. Should actual site conditions vary from those presented in this report, TEP should be provided the opportunity to amend its recommendations, as necessary.

We at TEP appreciate the opportunity of providing our continuing professional services to you and BlueSky Tower. If you have any questions or need further assistance on this or any other project, please give us a call.

Report Prepared/Reviewed by: Zeke A. Buchta, G.I.T. / Anna Shafiq, P.Eng. / John D. Longest, P.E.

Respectfully submitted by:

Scott C. Brantley, P.E.



Handwritten signature and date: 11/04/24

Revision #	Date Issued	Description
0	July 19, 2024	Original Subsurface Exploration Report
1	October 7, 2024	Revised with updated tower/site info
2	November 1, 2024	Revised with updated site info

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPDB OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

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APPENDIX A

Boring Layout

APPENDIX B

Boring Log



1) PROJECT DESCRIPTION

It is understood a self supporting communications tower is being planned for construction at the above referenced site. The structure loads can be obtained from the tower manufacturer.

2) SITE EXPLORATION

The field exploration included the performance of one soil test boring (B-1). The boring was advanced to the auger refusal depth of 17.9 feet below ground surface (bgs) at the approximate location of the proposed self support tower. The boring was performed by a track-mounted drill rig using continuous flight solid stem augers to advance the hole. Split-spoon samples and Standard Penetration Test (SPT) resistance values (N-values) were obtained in accordance with ASTM D1586 at a frequency of four samples in the top 10 feet plus one additional sample prior to encountering auger refusal.

The Split-spoon samples were transported to the TEP laboratory where they were classified by a qualified representative of the Geotechnical Engineer in general accordance with the Unified Soil Classification System (USCS), using visual-manual identification procedures (ASTM D2488).

A boring location plan showing the approximate boring location and the boring log presenting the subsurface information obtained, accompanied with a brief guide to interpreting the boring log, are included in Appendix A and B, respectively.

3) SITE CONDITIONS

The site is located at 9275 Highway 330 in Corinth, Owen County, Kentucky. The proposed tower and compound are to be located in an open grassy area east of a wooded parcel and west of KY-330. The ground topography is gently sloping downward to the northwest.

4) SUBSURFACE CONDITIONS

The following description of subsurface conditions is brief and general. For more detailed information, the individual boring log contained in Appendix B may be consulted.

4.1) Soil

The USCS classification of the soils encountered in the boring is CL. The Standard Penetration Resistance ("N" Values) recorded in the subsurface materials range from 7 blows per foot of penetration to 50 blows with 1 inch of penetration.

4.2) Rock

Weathered shale was encountered at a depth of 6 feet (bgs) in the boring. Refusal of auger advancement was encountered at a depth of 17.9 feet (bgs) in the boring.

4.3) Subsurface Water

Subsurface water was not encountered in the boring at the time of drilling. It should be noted the subsurface water level will fluctuate during the year due to seasonal variations, precipitation events and construction activity in the area.

4.4) Frost

The Telecommunications Industry Association (TIA) frost depth for Owen County, Kentucky is 20 inches.



5) TOWER FOUNDATION ANALYSIS

Based on the boring data, it is the opinion of TEP that a pier extending to a single large mat foundation or a single drilled shaft can be used to support the new tower. If the drilled shaft foundation option is utilized, design of the foundation should ensure termination in a known material. The following presents TEP's conclusions and recommendations regarding the foundation types.

5.1) Shallow Foundation

Based on preliminary site information, the site is located on gently sloping ground. It is recommended that foundation designs account for site grades being raised with excavation spoils or that foundation drawings specify minimum embedment depths based on existing site elevations and factor in ground slopes.

The following values may be used for design of a shallow foundation. The foundation should bear a minimum of 20 inches below the ground surface to penetrate the frost depth and with sufficient depth to withstand overturning of the tower. To resist the overturning moment, the weight of the concrete and any soil directly above the foundation can be used. The values provided in Table 1 consider ground surface elevation at the time of the subsurface exploration and undisturbed, native materials. Due to the construction process disturbing the in-situ soils and reducing the soil densities above the new foundation from those provided in Table 1, TEP recommends that the foundation designer specify a minimum depth and unit weight for compacted backfill to resist overturning of the new shallow foundation.

Table 1 – Shallow Foundation Design Parameters

Depth		Subsurface Material	Gross Ultimate Bearing ^{1,2} (psf)	Cohesion ¹ (psf)	Friction Angle ¹ (degrees)	Effective Unit Weight (pcf)	Friction Factor
Top	Bottom						
0	1.7	CL ³	6025	950	-	108	0.30
1.7	3.5	CL	12400	1925	-	108	0.30
3.5	6	CL	27350	4300	-	112	0.30
6	8.5	Weathered Shale ⁴	62300	-	40	120	0.50
8.5	13.5	Weathered Shale ⁵	116575	400	40	120	0.50

Notes:

- 1) These values should be considered ultimate soil parameters.
- 2) Bearing values consider a foundation width ranging from 8 to 40 feet and less than 1 inch of total settlement. Slope effects have been applied considering a maximum estimated slope of 7 degrees at and below the tower foundation.
- 3) Values have been modified to account for strength losses due to freeze/thaw cycles.
- 4) Due to the weathered nature of the rock, cohesion of the rock cannot be relied upon for strength parameters. The indicated layer has been evaluated as a granular material.
- 5) No recovery. The shear strength parameters provided have been conservatively assumed based on the overlying subsurface layer demonstrating similar field characteristics and local expertise.

Bearing above the seasonal frost depth may lead to settlement and rotation, settlement of the base, and potential and progressive movement downhill. Foundations bearing above the frost depth may experience fluctuations in vertical movements with the annual frost/thaw. If tower foundation bears above frost depth, more frequent maintenance visits should be made.

Weathered shale was encountered at a depth of 6 feet (bgs) in the boring. It is common for the depth of the rock surface to vary in this region. It may be necessary to adjust foundation designs to minimize shallow foundation embedment depth in order to prevent excessive rock excavation at this site. The boring log, included in Appendix B, provides more specific information.



5.2) Drilled Shaft Foundation

The following values may be used for design of a drilled shaft foundation. TEP recommends the side frictional and lateral resistance values developed in the top section of the caisson for a depth equal to half the diameter of the caisson or the frost depth, whichever is greater, be neglected in design calculations. The values presented in Table 2 are based on the ground surface elevation at the time of the subsurface exploration.

Table 2 – Drilled Shaft Foundation Design Parameters

Depth		Subsurface Material	Gross Ultimate Bearing ¹ (psf)	Ultimate Side Frictional Resistance ¹ (psf)	Cohesion ¹ (psf)	Friction Angle ¹ (degrees)	Effective Unit Weight (pcf)
Top	Bottom						
0	1.7	CL ²	5825	520	950	-	108
1.7	3.5	CL	12625	1050	1925	-	108
3.5	6	CL	29975	2130	4300	-	112
6	8.5	Weathered Shale ³	25150	460	-	40	120
8.5	13.5	Weathered Shale ^{4,5}	52850	2500	400	40	120
13.5	17.9	Weathered Shale ^{4,5}	74700	3500	500	40	120

Notes:

- 1) These values should be considered ultimate soil parameters.
- 2) Values have been modified to account for strength losses due to freeze/thaw cycles.
- 3) Due to the weathered nature of the rock, cohesion of the rock cannot be relied upon for strength parameters. The indicated layer has been evaluated as a granular material.
- 4) The side frictional resistance provided assumes that a drilled shaft is fully socketed in the rock at this depth. This should be verified during construction.
- 5) No recovery. The shear strength parameters provided have been assumed based on the overlying subsurface layer demonstrating similar field characteristics and local expertise. Should materials vary from those noted, TEP should be notified to amend the recommendations in this report.

Relying on soil strengths above the seasonal frost depth may lead to settlement and rotation, and settlement of the base. Where analysis of foundations relies on strengths of soils above the frost depth, more frequent maintenance visits should be made to check plumb and verify vertical movements of the foundation have not occurred.

If rock socketed drilled shafts are to be installed a field engineer should verify that the exposed rock along the shaft sides is consistent, free of voids and significant weathering to ensure side frictional resistance values and cohesion will be met. Before installation the field engineer should obtain guidance from the design engineer for minimum embedment lengths for rock sockets, and what modifications may be necessary should rock depths vary from those encountered in this report. During installation, the field engineer should verify the depth at which the drilled shaft is fully embedded in the rock based on field conditions, and provide recommendations, if necessary, should field conditions differ from those in this report and the foundation design.



5.3) Modulus of Subgrade Reaction

A vertical modulus of subgrade reaction and a horizontal modulus of subgrade reaction may be derived using the following equations and soil parameters for analysis of foundations.

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

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

Where;

q_a = Allowable Bearing Capacity (ksf)

SF = Factor of Safety

B = Base width (ft), use 1 if $B < 1$ ft.

k_{s-v} = Vertical Modulus of Subgrade Reaction (kcf)

k_{s-h} = Horizontal Modulus of Subgrade Reaction (ksf)

6) SEISMIC SITE CLASS

The Site Class, per Section 1613.2.2 of the 2018 International Building Code (2018 IBC) and Chapter 20 of ASCE 7 (2016), based on the site soil conditions is Site Class C.

7) SOIL RESISTIVITY

A soil resistivity test was performed at the TEP laboratory in accordance with ASTM G57 (Standard Test Method for Measurement of Soil Resistivity Using the Four Electrode Soil Box Method). The test result indicates a resistivity of 3,000 ohm-cm in the near-surface soil. It should be noted that soil resistivity will fluctuate during the year due to seasonal variations, precipitation events and depth below surface.



8) CONSTRUCTION CONSIDERATIONS - SHALLOW FOUNDATION

The following recommendations pertain to the newly proposed tower foundation only. Should additional recommendations be required for lightly loaded support structures, such as the equipment shelter, TEP can provide these, at the client's request, for an additional fee.

8.1) Excavation

The boring data indicates excavation to the expected subgrade level for the shallow foundation will extend through low-plasticity clay and weathered shale. A large, tracked excavator should be able to remove the materials with moderate to severe difficulty. A large, tracked excavator with rock teeth and/or a pneumatic hammer may be necessary to remove the materials below a depth of about 5 feet (bgs). TEP anticipates the depth to the surface of the rock will vary outside of the boring location.

Excavations should be sloped or shored in accordance with local, state and federal regulations, including OSHA (29 CFR Part 1926) excavation trench safety standards. It is the responsibility of the contractor for site safety. This information is provided as a service and under no circumstance should TEP be assumed responsible for construction site safety.

8.2) Dewatering/Foundation Evaluation/Subgrade Preparation

As subsurface water was not encountered during the subsurface exploration, dewatering will not likely be required. However, should subsurface water be encountered during construction, it can likely be controlled with the use of a sump and pump system and/or trenches. Dewatering components should be placed to not interfere with the placement of backfill materials and/or concrete foundations and should be utilized to keep the localized water table below the bottom of any excavation.

After excavation to the design elevation for the footing, the materials should be evaluated by a Geotechnical Engineer or a representative of the Geotechnical Engineer prior to reinforcement and concrete placement. This evaluation should include probing, shallow hand auger borings and dynamic cone penetrometer testing (ASTM STP 399) to help verify that suitable residual material lies directly under the foundation and to determine the need for any undercut and replacement of unsuitable materials. Loose surficial material should be compacted in the excavation prior to reinforcement and concrete placement to stabilize surface soil that may have become loose during the excavation process. Rock was encountered in the boring. If the foundation excavation shows that only a portion of the foundation will bear on rock, with a portion bearing on soil, then the entire footprint should be over-excavated by a minimum of 6 inches and the bearing elevation should be re-established with a coarse graded aggregate.

8.3) Fill Placement and Compaction

Backfill materials placed above the shallow foundation to the design subgrade elevation should not contain more than 5 percent by weight of organic matter, waste, debris or any otherwise deleterious materials. To be considered for use, backfill materials should have a maximum dry density of at least 100 pounds per cubic foot as determined by standard Proctor (ASTM D698), a Liquid Limit no greater than 40, a Plasticity Index no greater than 20, a maximum particle size of 4 inches, and 20 percent or less of the material having a particle size between 2 and 4 inches. Because small handheld or walk-behind compaction equipment will most likely be used, backfill should be placed in thin horizontal lifts not exceeding 6 inches (loose).

Fill placement should be monitored by a qualified Materials Technician working under the direction of a Geotechnical Engineer. In addition to the visual evaluation, a sufficient amount of in-place field density tests should be conducted to confirm the required compaction is being attained.



8.4) Reuse of Excavated Soil

The low-plasticity clay that meets the above referenced criteria can be utilized as backfill based on dry soil and site conditions at the time of construction. The weathered shale that meets the above referenced criteria can be utilized as backfill based on dry soil and site conditions at the time of construction. It is recommended that a suitable borrow source be identified prior to construction in the event the existing weathered shale requires additional crushing effort to meet the criteria above.

9) CONSTRUCTION CONSIDERATIONS - DRILLED SHAFTS

Based on TEP's experience, a conventional drilled shaft rig (Hughes Tool LDH, or equivalent) can be used to excavate to the auger refusal depth of TEP's boring. An earth auger can typically penetrate the materials encountered to the auger refusal depth of the boring with moderate to severe difficulty. Materials below the auger refusal depth may require a coring bit or roller-bit to remove. Special excavation equipment may be necessary for a shaft greater than 60-inches in diameter.

The following are general procedure recommendations in drilled shaft construction using the "dry" method:

- 1) Drilling equipment should have cutting teeth to result in a hole with little or no soil smeared or caked on the sides; a spiral like corrugated side should be produced. The shaft diameter should be at least equal to the design diameter for the full depth.
- 2) The drilled shaft should be drilled to satisfy a plumbness tolerance of 1.5 to 2 percent of the length and an eccentricity tolerance of 2 to 3 inches from plan location.
- 3) Refer to Section 4.3) for subsurface water information. Water will fluctuate during the year and during rain events. Any subsurface water should be removed by pumping, leaving no more than 3 inches in the bottom of the shaft excavation.
- 4) A removable steel casing may be installed in the shaft to prevent caving of the excavation sides due to soil relaxation. Loose soils in the bottom of the shaft should be removed.
- 5) The drilled shaft should be evaluated by the Geotechnical Engineer or their representative to confirm suitable end bearing conditions and to verify the proper diameter and bottom cleanliness. The shaft should be evaluated immediately prior to and during concrete operations.
- 6) The drilled shaft should be concreted as soon as practical after excavation to reduce the deterioration of the supporting soils due to caving and subsurface water intrusion.
- 7) The slump of the concrete is critical for the development of side shear resistance. TEP recommends a concrete mix having a slump of 6 to 8 inches be used with the minimum compressive strength specified by the structural engineer. A mix design incorporating super plasticizer will likely be required to obtain this slump.
- 8) The concrete may be allowed to fall freely through the open area in the reinforcing steel cage provided it is not allowed to strike the reinforcing steel or the casing prior to reaching the bottom of the shaft excavation.
- 9) The protective steel casing should be extracted as concrete is placed. A head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the casing.

If variability in the subsurface materials is encountered, a representative of the Geotechnical Engineer should verify that the design parameters are valid during construction. Modification to the design values presented above may be required in the field.



10) SITE PHOTOGRAPHS



Boring Location at Approximate Tower Center



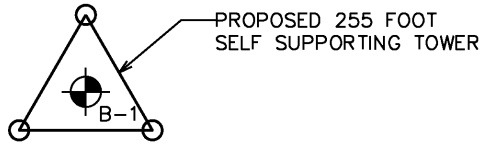
APPENDIX A
BORING LAYOUT





WOODED AREA

OPEN GRASSED AREA



PROPOSED 255 FOOT SELF SUPPORTING TOWER

440' TO HWY 330

HWY 330

BORING LAYOUT

SCALE: N.T.S.

PREPARED BY:



326 TRYON ROAD
RALEIGH, NC 27603
(919) 661-6351

PREPARED FOR:



352 PARK STREET, STE 106
NORTH READING, MA 01864
(978) 291-6517

PROJECT INFORMATION:

LUSBYS MILL
SITE #: KY-00765

9275 HIGHWAY 330
CORINTH, KY 41010
(OWEN COUNTY)

REVISION: 2

TEP JOB #: 341452.973748

SHEET NUMBER:

C-1

APPENDIX B
BORING LOG





326 Tryon Road
 Raleigh, NC 27603
 919.661.6351
 geotech@tepgroup.net

LOG OF BORING B-1

1 OF 1

PROJECT: **Lusby's Mill** SITE ID: **KY-00765** TEP NO.: **341452**

DATE STARTED 7/12/2024	DRILLING METHOD Solid Stem Auger	HOLE SIZE 4 inches	CITY, STATE Lusby's Mill, Kentucky
DATE COMPLETE 7/12/2024	HAMMER WEIGHT/FALL 150lbs / 30in	HAMMER TYPE Auto Hammer	TOTAL DEPTH 17.9 FT
GROUND EL.	LOGGED BY RAB	CHECKED BY AES	DEPTH/EL. GROUNDWATER Not Encountered
BORING LOCATION At the approximate location of the proposed self supporting tower			

SAMPLE NUMBER	SAMPLE LENGTH (INCHES)	BLOW COUNTS (N) REC% / RQD%	ELEVATION (FEET)	DEPTH (FEET)	SAMPLE GRAPHIC	USCS GRAPHIC	DESCRIPTION AND CLASSIFICATION	REMARKS	POCKET PEN TSF	UNCONFINED STRENGTH, PSF	UNIT WEIGHT PCF
							0.0-3.5: Medium stiff, brown, lean CLAY (CL), trace silt, sand and rootlets, moist				
S1	18	3-3-4 (7)							3.3		
S2	18	5-7-10 (17)		5			3.5-6.0: to very stiff, light brown, calcareous		6		
S3	14	8-19-50/2"					6.0-8.5: Very dense, light brown, weathered SHALE, calcareous, moist				
S4	2	50/2"					8.5-17.9: No Recovery				
S5	1	50/1"		15							
							17.9: Boring Terminated - Auger refusal				



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Key to Soil Symbols and Terms

TERMS DESCRIBING CONSISTENCY OR CONDITION

COARSE-GRAINED SOILS (major portions retained on No. 200 sieve): includes (1) clean gravel and sands and (2) silty or clayey gravels and sands. Condition is rated according to relative density as determined by laboratory tests or standard penetration resistance tests.

<u>Descriptive Terms</u>	<u>SPT Blow Count</u>
Very Loose	< 4
Loose	4 to 10
Medium Dense	11 to 30
Dense	31 to 50
Very Dense	> 50

FINE-GRAINED SOILS (major portions passing on No. 200 sieve): includes (1) inorganic and organic silts and clays (2) gravelly, sandy, or silty clays, and (3) clayey silts. Consistency is rated according to shearing strength, as indicated by penetrometer readings, SPT blow count, or unconfined compression tests.

<u>Descriptive Terms</u>	<u>SPT Blow Count</u>
Very Soft	< 2
Soft	2 to 4
Medium Stiff	5 to 8
Stiff	9 to 15
Very Stiff	16 to 30
Hard	> 30

GENERAL NOTES

1. Classifications are based on the Unified Soil Classification System and include consistency, moisture, and color. Field descriptions have been modified to reflect results of laboratory tests where deemed appropriate.

2. Surface elevations are based on topographic maps and estimated locations and should be considered approximate.

3. Descriptions on these boring logs apply only at the specific boring locations and at the time the borings were made. They are not guaranteed to be representative of subsurface condition at other locations or times.

Group Symbols	Typical Names	Sampler Symbols
	GW Well-graded gravels, gravel-sand mixtures, little or no fines	Split Spoon
	GP Poorly-graded gravels, little or no fines/sands	Standard Penetration Test (SPT)
	GM Silty gravels, gravel-sand-silt mixtures	Pushed Shelby Tube
	GC Clayey gravels, gravel-sand-silt mixtures	Auger Cuttings
	SW Well-graded sands, gravelly sands, little or no fines	Grab Sample
	SP Poorly-graded sands, little or no fines/sands/gravels	Dynamic Cone Penetrometer
	SM Silty sands, sand-silt mixtures	Hand Auger
	SC Clayey sands, sand-clay mixtures	Rock Core
	ML Inorganic silts and very fine sands, rock floor, silty or clayey fine sands or clayey silts with slight plasticity	Log Abbreviations ATD - At Time of Drilling AD - After Drilling EOD - End of Drilling RMR - Rock Mass Rating WOH - Weight of Hammer WOR - Weight of Rod REC - Rock Core Recovery RQD - Rock Quality Designation
	CL Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	
	OL Organic silts and organic silty clays of low plasticity	
	MH Inorganic silts, micaceous or distomaceous fine sandy or silty soils, elastic silts	
	CH Inorganic clays of high plasticity, fat clays	
	OH Organic clays of medium to high plasticity, organic silts	
	PT Peat and other highly organic soils	

Information Regarding This Subsurface Exploration Report

The information contained in this report has been specifically tailored to the needs of the client at the time the report was provided, for the specific purpose of the project named in this report. The attached report may not address the needs of contractors, civil engineers, or structural engineers. Anyone other than the named client should consult with the geotechnical engineer prior to utilizing the information contained in the report.

It is always recommended that the full report be read. While certain aspects of the report may seem unnecessary or irrelevant; just as each project and site are unique, so are the subsurface investigation reports and the information contained in them. Several factors can influence the contents of these reports, and the geotechnical engineer has taken into consideration the specific project, the project location, the client's objectives, potential future improvements, etc. If there is any question about whether the attached report pertains to your specific project or if you would like to verify that certain factors were considered in the preparation of this report, it is recommended that you contact the geotechnical engineer.

Geotechnical subsurface investigations often are prepared during the preliminary stages of a project and aspects of the project may change later on. Some changes may require a report revision or additional exploration. Some changes that often need to be brought to the attention of the geotechnical engineer include changes in location, size and/or type of structure, modifications to existing structures, grading around the project site, etc. Some naturally occurring changes can also develop that impact the information contained in this geotechnical report such as earthquakes, landslides, floods, subsurface water levels changing, etc. It is always recommended that the geotechnical be informed of known changes at the project site.

Subsurface exploration reports are generated based on the analysis and professional opinions of a geotechnical engineer based on the results of field and laboratory data. Often subsurface conditions can vary – sometimes significantly – across a site and over short distances. It often is helpful to retain the geotechnical engineer's services during the construction process. Otherwise, the geotechnical cannot assume responsibility or liability for report recommendations which may have needed to change based on changing site conditions or misinterpretation of recommendations.

Geotechnical engineers assemble testing and/or boring logs based on their interpretation of field and laboratory data. Testing and/or boring logs should always be coupled with the subsurface exploration report. The geotechnical engineer and Tower Engineering Professionals cannot be held reliable for interpretations, analyses, or recommendations based solely on the testing and/or boring log if it is independent of the prepared report.

The scope of the subsurface exploration report does not include an assessment or analysis of environmental conditions, determination of the presence or absence of wetlands or hazardous or toxic materials on or below the ground surface. Any notes regarding odors, fill, debris, or anything of that nature are offered as general information for the client, often to help identify or delineate natural soil boundaries.

For additional information, please contact the geotechnical engineer named in the attached report.



EXHIBIT H
DIRECTIONS TO WCF SITE

Driving Directions to Proposed Tower Site

1. Beginning at 100 N. Thomas Street, Owenton, KY, travel north on Thomas Street and travel approximately 102 feet.
2. Turn right onto Bryan Street and travel approximately 236 feet.
3. Turn right onto N. Main Street and travel approximately 0.6 miles.
4. Continue straight onto KY-227 S / KY-22 E / Main Street and travel approximately 1.5 miles.
5. Turn right onto KY-227 S and travel approximately 2.0 miles.
6. Turn left onto KY-330 E and travel approximately 9.1 miles.
7. The site is on the right.
8. The site coordinates are
 - a. North 38 deg 31 min 17.66 sec
 - b. West 84 deg 40 min 35.41 sec



Prepared by:
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P.O. Box 369
Shepherdsville, KY 40165-3069
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EXHIBIT I
COPY OF REAL ESTATE AGREEMENT

GROUND LEASE AGREEMENT

THIS GROUND LEASE AGREEMENT (this "Lease") is entered into on May 10th, 2024 (the "Effective Date") by and between, **William A. Atha Jr. and Mary L. Atha** (the "Landlord"), whose address is 9474 Highway 330, Corinth, KY 41010, and **Blue Sky Towers IV, LLC**, a Delaware Limited Liability Company (the "Tenant"), whose principal business address is 352 Park Street, Suite 106, North Reading, MA 01864 (collectively the "Parties", and each a "Party").

WHEREAS, the Landlord owns certain real property consisting of approximately 29.65 acres with a Property ID of 099-00-00-001.02 located at 9474 Highway 330, Corinth, in the County of Owen, in the State of Kentucky, that is more particularly described or depicted on the attached Exhibit A (the "Property"); and

WHEREAS, the Tenant intends to lease from Landlord a certain portion of the Property, together with other related rights as described in this Lease, to install, maintain, and operate telecommunications facilities, and Landlord is willing to grant such rights upon the terms and conditions set forth in this Lease.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree to the following:

1. RIGHT TO LEASE.

(a) Landlord hereby leases to Tenant a certain compound on the Property measuring approximately six thousand four hundred square feet (80' x 80') to install, maintain, and operate a Communications Facility (defined in Section 5) thereon, and for the purposes described herein, together with an access and utility way (further described in Section 6) for ingress and egress from a public right-of-way through and over the Property to the compound, as well as for the installation and maintenance of utility facilities from a public right-of-way through, over, and under the Property to the compound (collectively, the "Premises"). The Premises are shown or described in detail on Exhibit B attached hereto.

(b) Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, and other geological or engineering tests or studies of the Property (collectively, the "Tests"), to apply for and obtain licenses, permits, approvals, to search information databases of public agencies or other sources, to obtain other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises and includes without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, construction permits, building permits, or any other applications with the appropriate local, state and/or federal agency (collectively, the "Government Approvals"), initiate the ordering and/or scheduling of necessary utilities, and otherwise to do those things on or off the Property that are necessary in Tenant's sole discretion to determine the physical condition of the Property, the

environmental history of the Property, Landlord's title to the Property, and the feasibility or suitability of the Property for Tenant's permitted use, all at Tenant's expense. Tenant will not be liable to Landlord or any third party for any pre-existing defect or condition on or concerning the Property, whether or not such defect or condition is disclosed by Tenant's inspection before, during, or after the Term. Tenant will restore the Property to its condition as it existed before the Tests, reasonable wear and tear and casualty not caused by Tenant excepted. Tenant shall indemnify, defend, and hold Landlord harmless from and against any and all injury, loss, damage, or claims arising directly out of Tenant's Tests.

(c) Landlord does hereby authorize Tenant and its employees, representatives, agents, and consultants to prepare, execute, submit, file, and present on behalf of Landlord building, permitting, zoning, land-use, or any other applications with the appropriate local, state and/or federal agencies necessary to obtain the Government Approvals and shall cooperate with Tenant in the fulfillment of all the rights granted hereunder, including but not limited to obtaining, executing, or maintaining any Governmental Approvals, certificates, zoning, permitting, or any other governmental agency applications, W-9, plans and drawings, documentation required by lenders of Landlord, utility easements, and any other documents or procedures necessary to Tenant's construction, use, and operation of the Communications Facility (collectively, the "**Diligence Documentation**") without payment of additional rent, fees, or other compensation. The Diligence Documentation shall be prepared at Tenant's expense, and Landlord shall execute in a reasonable time any Diligence Documentation or other documents as may be reasonably necessary for Tenant to apply for and obtain the proper approvals required to use and maintain the Premises and the Communications Facility (defined in Section 5).

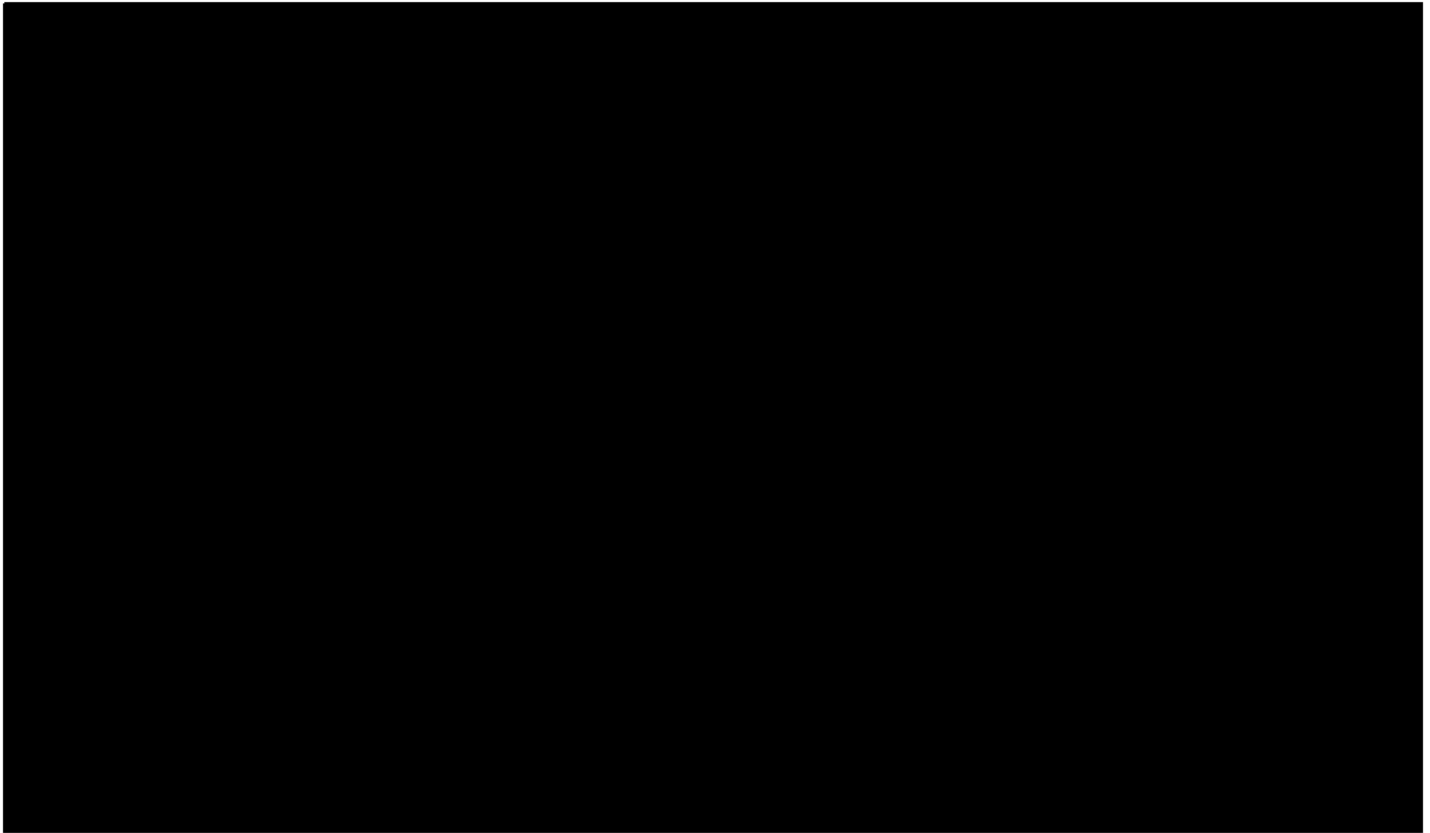
(d) Landlord shall take no action that would adversely affect Tenant's ability to obtain Diligence Documentation and not do or permit anything that will interfere with or negate any Diligence Documentation concerning the Premises or Communications Facility or cause any nonconformance with applicable local, state, or federal laws.

(e) Landlord acknowledges that Tenant is in the business of subleasing all or portions of the Premises to sublessees, subtenants, sublicensees, and other third-party users (the "**Customer(s)**") according to separately negotiated agreements entered into between Tenant and any respective Customer. Tenant may enter into any sublease, sublicense, or other agreement with any Customer for the use of any part of the Premises without consent of or notice to Landlord at any time following execution of this Lease; including the period before the Commencement Date.

2. TERM.

The Term (defined below) of this Lease shall commence upon the earlier of (i) the date that Tenant delivers notice of commencement of the Lease, or (ii) the date Tenant begins construction of the Premises on the Property (the "**Commencement Date**"), which shall be confirmed in writing from Tenant to Landlord. Unless sooner terminated by Tenant as herein provided, the term shall be for a period of eighty (80) years following the Commencement Date (the "**Term**").

3. RENT.



4. TAXES AND FEES.

(a) Landlord shall pay when due all taxes and all other fees and assessments attributable to the Property and Premises to avoid any delinquencies with respect thereto and shall protect and indemnify Tenant for any lack of such payment. Notwithstanding the foregoing, Tenant shall request that the jurisdiction provide a separate tax bill for the Premises, and if so, shall pay the taxes attributable to Tenant's improvements to the Premises directly and in a timely manner. Otherwise, Tenant shall reimburse Landlord for any increases in real property taxes, other tax, or fee which is directly attributable to the Tenant's improvements to the Premises, only for so long as this Lease has not expired of its own terms or is not terminated by Tenant. As a condition of Tenant's obligation to pay tax increases, Landlord shall promptly provide Tenant the documentation from the taxing authority, reasonably acceptable to Tenant, indicating that the increase is due to Tenant's improvements. In the event that Landlord fails to pay when due any taxes or fees affecting the Property and such failure results or may potentially result in a tax foreclosure sale; Tenant shall have the right but not the obligation to pay such taxes and Landlord shall promptly reimburse Tenant. Notwithstanding the foregoing, Tenant shall have the right to appeal any such taxes to a body of competent jurisdiction, and Landlord agrees to assist Tenant, at no cost to Landlord, in any such appeal. If Tenant finally prevails in any such appeal, Tenant shall be entitled to a refund of any tax payments made pursuant to such appeal.

(b) Landlord shall also pay promptly, when due, any other amounts or sums due and owing concerning its ownership and operation of the Premises, including, without limitation,

judgments, liens, mortgage payments, and other similar encumbrances, avoid any delinquencies with respect thereto, and shall protect and indemnify Tenant for any lack of such payment. If Landlord fails to make any payments required under this Lease or breaches any other obligation or covenant under this Lease, Tenant may (without obligation) make such payment or perform such obligation on behalf of Landlord and Landlord shall promptly reimburse Tenant for the full amount paid by Tenant on Landlord's behalf. The full amount of any costs so incurred by Tenant (including any attorneys' fees incurred in connection with Tenant performing such obligation) shall be paid by Landlord to Tenant with interest at the statutory rate thereon demanded by Tenant.

(c) Any charges, taxes, and fees (other than Rent) payable under this Lease shall be billed by Landlord within one (1) year from the date on which the charges were incurred; any charges, taxes, and fees beyond such period shall not be billed by Landlord and shall not be payable by Tenant. The foregoing sentence shall survive the termination or expiration of this Lease.

5. USE.

(a) Tenant (and/or Customers) shall have the exclusive right, at its expense and sole discretion, to erect, install, alter, supplement, operate, and maintain radio and communications towers, transmitting and receiving equipment, antennas, dishes, mounting structures, buildings, generators, batteries, power sources, wires, poles, utility facilities, and any similar, necessary, and/or related equipment (the "**Equipment**") to operate a telecommunications facility or system on the Premises (collectively, the "**Communications Facility**"), which shall include the right to modify the frequencies over which the Communications Facility operates.

(b) Tenant shall have a non-exclusive easement in, over, across, and through other real property owned by Landlord as reasonably required for construction, installation, maintenance, and operation of the Premises and the Communications Facility thereon.

(c) Tenant shall have the right to clear or cut all trees, vegetation, undergrowth, or other obstructions which, in Tenant's sole opinion, may interfere with the Premises and the Communications Facility thereon.

(d) If at any time during the Term of this Lease, the Federal Aviation Administration, Federal Communications Commission, or other any governmental agency changes its regulations and/or requirements, or otherwise takes any action, the result of which inhibits Tenant's use of the Premises, or any communications tower located thereon, for the purposes originally intended by Tenant, or if technological changes render Tenant's intended use of the Premises obsolete or impractical, or if Tenant otherwise determines, in its sole and absolute discretion, with or without cause, that the Premises is no longer suitable or desirable for Tenant's intended use and/or purposes, Tenant shall have the right to terminate this Lease upon 30 days written notice to Landlord.

6. ACCESS AND UTILITIES. At all times during the Term of this Lease, the Tenant, and its guests, agents, Customers, and assigns shall have the unrestricted, exclusive right to use, and shall have free access to the compound/Premises seven (7) days a week, twenty-four (24) hours a day. Landlord for itself, its successors, and assigns hereby grants and conveys unto Tenant, its

Customers, employees, agents, invitees, successors, and assigns a non-exclusive easement for ingress and egress over, under, and through the Property to the compound, which Tenant shall maintain.. Tenant is under no affirmative obligation to make any alterations or improvements but will keep the access way in reasonable, passable condition as needed for Tenant's use. Landlord shall maintain in a manner to allow vehicular and pedestrian access at all times. Tenant is also hereby granted a non-exclusive easement for the construction, installation, operation, and maintenance of overhead and underground electric and other utility facilities (including wires, poles, cables, conduits, and appurtenant equipment) over, under, and through the Property to the compound; including the right to reconstruct, improve, add to, enlarge, change, and remove such facilities over, across, and through any easement for the benefit of and access to the compound/Premises. The rights granted to Tenant herein shall also include the right to partially assign its rights hereunder to any public or private utility company or authority to facilitate the uses contemplated herein, and all other rights and privileges reasonably necessary for Tenant's safe and efficient use and enjoyment of the easement for the purposes described above.

7. EQUIPMENT, FIXTURES, AND SIGNS. The Communications Facility, all improvements, Equipment, or other property attached to or otherwise brought onto the Premises shall at all times be the personal property of Tenant and/or its Customers. Tenant or its Customers shall have the right to erect, install, maintain, and operate on the Premises such Equipment, structures, fixtures, signs, and personal property as Tenant may deem necessary or appropriate, and such property, including the Equipment, structures, fixtures, signs, and personal property on the Premises as of the Effective Date, shall not be deemed to be part of the Premises, but shall remain the property of Tenant or its Customers. At any time during the Term of this Lease and within a reasonable time after termination hereof, Tenant or its Customers shall have the right, but not the obligation, to remove their Equipment, fixtures, signs, and personal property from the Premises.

8. ASSIGNMENT. Tenant shall have the right to sell, assign, or transfer this Lease (without any approval or consent of Landlord) to: (a) Tenant's parent company, or to an affiliate or subsidiary of Tenant, or of Tenant's parent company, (b) any entity or company whose business function is the management or operation of wireless communications facilities or leases, or (c) any entity or company that acquires Tenant, or is merged or consolidated with Tenant. Upon such assignment or transfer of this Lease, Tenant shall be relieved of all future performance, liabilities, and obligations under this Lease. Tenant also shall have the right to assign, pledge, or otherwise offer as collateral this Lease and all of Tenant's rights and property related hereto to a lender (the "**Lender**") at any time without the consent of, or notice to, Landlord. Tenant shall inform Landlord in writing within thirty (30) days of assignment under this section. Furthermore, any sublease, sublicense, or other agreement entered into by Tenant is and shall be assigned as collateral for Tenant's Lender immediately upon execution thereof. Upon prior written notice to Tenant, Landlord may assign this Lease to any person or entity acquiring fee title to the Property or as collateral under a commercial mortgage for the entire fee interest. Except for the foregoing, any assignment or transfer of this Lease by Landlord must be approved by Tenant in writing, which Tenant may withhold in Tenant's sole discretion.

9. QUIET ENJOYMENT, TITLE, AND AUTHORITY. Landlord covenants and warrants to Tenant that (a) Landlord has full right, power, and authority to execute this Lease; (b) Landlord

is the owner in fee simple of the Property and has good and unencumbered title to the Property free and clear of any liens or mortgages, except those disclosed to Tenant and which will not interfere with Tenant's rights to or use of the Premises; (c) there are no leases, licenses, or other agreements, written or oral, granting to any party or parties the right of use or occupancy of any portion of the of Premises; (d) there are no outstanding options or rights of first refusal to purchase the Premises or any portion thereof or interest therein, and (e) there are no parties (other than Landlord) in possession of the Premises. Landlord covenants that at all times during the Term of this Lease, Tenant's quiet enjoyment of the Premises or any part thereof shall not be disturbed as long as Tenant is not in default beyond any applicable grace or cure period.

10. REPRESENTATIONS AND WARRANTIES.

(a) Landlord represents and warrants that it has no knowledge of any substance, chemical, or waste on, under, or about the Property that is identified as hazardous, toxic, or dangerous in any applicable federal, state, or local law or regulation, including without limitation asbestos-containing thermal insulation or products containing PCB, formaldehyde, chlordane, or heptachlor (collectively, the "Hazardous Substances"). Landlord represents and warrants the Premises and the Property are in compliance with all environmental, health, and safety laws, and throughout the Term will continue to comply with all environmental, health, and safety laws concerning the Property, and no action, suit, proceeding, hearing, investigation, charge, complaint, claim, demand, or notice has been filed, commenced, or received by Landlord regarding the Premises or Property alleging any failure to so comply.

(b) Landlord represents and warrants that the Premises abuts on and has direct vehicular access to a public road or has access to a public road via a permanent, irrevocable easement benefiting the Property.

(c) Landlord represents and warrants that Landlord has no knowledge of any fact or condition that could result in the termination or reduction of the Premises' current access to existing highways and roads or to other utility services serving the Premises.

(d) Landlord acknowledges that Tenant or its Customers may use the Premises for the transmission and reception of radio communication signals and the construction, installation, operation, maintenance, repair, removal, or replacement of a Communications Facility and appurtenances thereon.

11. HOLDOVER TENANCY. Should Tenant or any assignee of Tenant, or any Customer holdover on the Premises or any part thereof after the expiration of the Term set forth herein, such holdover shall constitute and be construed as a tenancy from month-to-month only, but otherwise upon the same terms and conditions of this Lease.

12. INDEMNITIES.

(a) Subject to Section 14, Landlord, its heirs, grantees, successors, and assigns will exonerate, hold harmless, indemnify, and defend Tenant its officers, directors, shareholders, agents, and attorneys from all claims, obligations, liabilities, costs, demands, damages, expenses,

suits, or causes of action, including costs and reasonable attorney's fees, which may arise out of: (i) any injury to or death of any person, if such injury, death, or damage arises out of or is attributable to or results from the negligence or willful misconduct of Landlord, or Landlord's principals, employees, invitees, agents or independent contractors; (ii) any damage to property, if such injury or damage arises out of or is attributable to or results from the negligence or willful misconduct of Landlord, or Landlord's principals, employees, invitees, agents or independent contractors; (iii) any breach of any representation, warranty, or covenant by Landlord; or (iv) all spills or other releases of any Hazardous Substance before, during, or after the Term not caused solely by Tenant, that may or may not have resulted in the violation of any environmental law. The foregoing indemnification shall survive any assignment or termination of this Lease.

(b) Subject to Section 14, Tenant, its grantees, successors, and assigns will exonerate, hold harmless, indemnify, and defend Landlord from any claims, obligations, liabilities, costs, demands, damages, expenses, suits, or causes of action, including costs and reasonable attorney's fees, which may arise out of: (i) any injury to or death of any person, if such injury, death or damage arises out of or is attributable to or results from the negligence or willful misconduct of Tenant, or Tenant's employees, agents, or independent contractors; (ii) any damage to property, if such injury or damage arises out of or is attributable to or results from the negligence or willful misconduct of Tenant, or Tenant's employees, agents, or independent contractors, or (iii) any breach of any representation, warranty, or covenant by Tenant.

13. WAIVERS.

(a) Landlord hereby waives all lien rights or security interests it may have, statutory or otherwise, in and to Premises and the Communications Facility thereon, or any portion thereof, regardless of whether or not such is deemed real or personal property under applicable laws. Landlord acknowledges that Tenant's Lender shall have the first lien priority over the Premises, the Communications Facility, or any portion thereof, including the right to foreclose on Tenant's rights and assets, whether such rights are recorded or not. Upon Lender's foreclosure, if any, Lender shall become Tenant hereunder. Landlord will not assert any claim whatsoever against Tenant for loss of anticipatory profits or any other indirect, special, incidental, or consequential damages incurred by Landlord as a result of the construction, maintenance, operation, or use of the Premises by Tenant.

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

14. INSURANCE.

(a) Tenant shall insure against property damage and bodily injury arising by reason of occurrences on or about the Premises for not less than [REDACTED]. The insurance coverage provided for herein may be maintained pursuant to master policies of insurance

covering other property of Tenant and its corporate affiliates. All insurance policies required to be maintained by Tenant hereunder shall be with responsible insurance companies authorized to do business in the state where the Property is located if required by law. Tenant shall demonstrate such insurance coverage by delivering to Landlord a Certificate of Insurance listing Landlord as an additional insured. If any proceeds of insurance claims become due and payable hereunder to Tenant, Tenant's Lender shall have the right of first refusal as to receipt of such proceeds.

(b) Landlord shall carry, at no cost to Tenant, general property fire, hazard, and casualty insurance appropriate for Landlord's improvements on Landlord's Property, and in such amounts to cause the replacement/restoration of the Property (excluding Tenant's improvements and personal property) in the event of casualty. Landlord's policy shall name Tenant as an additional insured.

15. INTERFERENCE. During the Term of this Lease, Landlord, its successors, assigns, lessees, licensees, employees, invitees, or agents, shall not engage in any activity which interferes with Tenant's use or access hereunder. Landlord shall not interfere with the Customer's use or access, or with the relationship between the Tenant and Customers or any potential Customers. Additionally, Landlord shall not grant any ground lease, license, or easement concerning the Property or any property adjacent to or in the immediate vicinity of the Premises: (a) for any of the uses contemplated herein; or (b) if such lease, license, or easement would detrimentally affect Tenant's Premises and the Communications Facility thereon, or the use thereof.

16. RIGHT OF FIRST REFUSAL. In the event Landlord receives a bona fide offer from a third party to purchase or if Landlord intends to communicate to a third party an offer to sell, (a) all or any portion of the Property, (b) any adjoining or adjacent property subject to an easement hereunder, or (c) this Lease or any rights hereunder including the right to receive Rent (in each case, the "Sale Assets"), Landlord shall first communicate the terms of such offer to Tenant, provide a copy of the bona fide offer to Tenant and offer to sell such Sale Assets to Tenant upon the same terms and conditions, including any financing terms. Tenant shall have thirty (30) days from receipt of said notice from Landlord to accept said offer in writing. If Tenant accepts Landlord's offer within thirty (30) days, Landlord shall be bound to sell the Sale Assets to Tenant, and Tenant shall be bound to purchase the Sale Assets from Landlord, in accordance with the bona fide offer. If Tenant purchases the Sale Assets pursuant to this paragraph, any easements granted from Landlord to Tenant for the benefit of the Premises shall become permanent easements without further consideration. If Tenant fails to exercise such right of first refusal within the stated time, Landlord may sell the Sale Assets subject to any and all terms and conditions of this Lease and Tenant's rights hereunder; provided, however, that if the terms of sale change and if Landlord has not sold or transferred title to such Sale Assets within ninety (90) days of the date of Landlord's written notice to Tenant, any such sale and transfer of title shall again be subject to Tenant's said right of first refusal. Tenant's right of first refusal shall continue in effect as to any subsequent proposed sale by the current Landlord or by any transferee.

17. SECURITY. Tenant shall have the right to safeguard and protect its improvements located upon or within the Premises, at its expense, including the right to construct such enclosures and/or fences as Tenant reasonably determines to be necessary to secure its improvements, including the tower(s), building(s), anchors, and related improvements situated upon the Premises. Tenant may

also undertake any other appropriate means to restrict access to its Premises and the Communications Facility thereon.

18. FORCE MAJEURE. The time for performance by Landlord or Tenant of any term, provision, or covenant of this Lease shall be deemed extended by time lost due to delays resulting from acts of God, strikes, civil riots, floods, acts of terrorism, pandemic, material or labor restrictions by a governmental authority, and any other cause not within the control of Landlord or Tenant, as the case may be.

19. CONDEMNATION. Notwithstanding any provision of this Lease to the contrary, in the event of condemnation of the Property or the Premises, Tenant shall be entitled to a separate award with respect to the Premises, in the amount determined by the court conducting such condemnation proceedings based upon the Landlord's and Tenant's respective interests in the Premises. If a separate condemnation award is not determined by such court, Landlord shall permit Tenant to participate in the allocation and distribution of the award. In no event shall the condemnation award to Landlord exceed the unimproved value of the Premises, without taking into account the improvements located thereon (including the Communications Facility), and in no event shall the Lease be terminated or modified (other than an abatement of Rent) due to a casualty or condemnation without the prior written consent of Tenant or Lender. Notwithstanding anything to the contrary contained herein, in the event of any taking of all or any part of the Premises, Tenant shall have the right to participate in any condemnation proceedings settlement discussions, shall have the right to supervise and control the receipt and disbursement of all condemnation awards and shall be entitled to all condemnation awards which are not used to restore the Premises. In the event of a partial taking, this Lease shall continue, and the Rent shall be reduced proportionately, from and after the date of such taking, based upon the percentage of land which is taken, which amount shall be promptly refunded to Tenant. If the portion of the land taken is such that the Tenant cannot, in its reasonable judgment, economically continue its operations on the Premises, the Tenant, with the prior written consent of Lender, shall have the right to terminate this Lease.

20. DEFAULT. Tenant or Landlord's failure to perform any of the covenants of this Lease shall constitute a default (including the Landlord's duty to cooperate and provide Diligence Documentation). The non-defaulting Party shall give the other written notice of such default, and the defaulting Party shall cure such default within thirty (30) days after receipt of such notice. In the event that such default cannot reasonably be cured within such thirty (30) day period, the time for curing shall be extended for such period of time as may be necessary to complete such curing provided that the defaulting Party shall proceed promptly after the receipt of such notice to cure such default and shall pursue curing such default with due diligence. However, in no event shall this extension of time be in excess of sixty (60) days unless agreed upon by the non-defaulting Party. Any notice of default sent to Tenant must be accompanied by a notice to Tenant's Lender. Notwithstanding anything to the contrary herein, Lender shall have no obligation to take any action unless and until Lender becomes a successor hereunder.

21. REMEDIES. Should the defaulting Party fail to cure a default under this Lease, the other Party shall have all remedies available either at law or in equity, including Tenant's right to terminate this Lease. In the event of Landlord default, Tenant may, at its option (but without obligation to do so), perform Landlord's duty or obligation on Landlord's behalf, including but

not limited to payment of mortgage, tax obligations, or other encumbrances. All costs and expenses of any such Tenant performance shall be reimbursed upon invoice and/or abated from any Rent due to Landlord until Tenant is reimbursed in full. The Landlord shall accept performance by a Lender of any covenant, condition, or agreement on the Tenant's part to be performed hereunder with the same force and effect as though performed by the Tenant.

22. ATTORNEY'S FEES. If there is any legal proceeding between Landlord or Tenant arising from or based on this Lease, the unsuccessful Party to such action or proceeding shall pay to the prevailing Party all costs and expenses, including reasonable attorney's fees and disbursements, incurred by such prevailing Party in such action or proceeding and in any appeal in connection therewith. If such prevailing Party recovers a judgment in any such action, proceeding, or appeal, such costs, expenses, and attorney's fees and disbursements shall be included in and as a part of such judgment.

23. NON-DISTURBANCE, ATTORNMENT, AND CONTINUATION RIGHTS.

(a) This Lease shall be subordinate to any mortgage, deed of trust, other security agreement, or master or ground leases (each a "**Mortgage**") which, from time to time, may encumber all or part of the Property; provided, however, the lender or holder of any Mortgage under every such Mortgage shall, in the event of a foreclosure of Landlord's interest, recognize the validity of this Lease and Tenant's (and Customer's) right to remain in occupancy of and have access to the Premises. To effectuate the aforementioned subordination, at Tenant's option, the Parties shall execute a subordination, non-disturbance, and attornment agreement or similar agreements, in a form and with terms and conditions reasonably acceptable to Tenant. In addition, upon the request of Tenant, Landlord shall use Landlord's best efforts to assist in causing the holder of any Mortgage on Landlord's Property to execute a subordination, non-disturbance, and attornment agreement or similar agreements, in a form and with terms and conditions reasonably acceptable to Tenant.

(b) Landlord shall execute such documents as any Customer might reasonably require, including customary subordination, non-disturbance, and attornment agreements and/or Landlord recognition agreements, and shall use reasonable efforts also to cause its lenders to similarly acknowledge, in writing, Customer's right to continue to occupy its premises.

24. NOTICES. All notices, requests, claims, demands, and other communications hereunder shall be in writing, sent by a nationally-established overnight courier that provides proof of delivery, or certified or registered mail (postage pre-paid, return receipt requested). Notice shall be deemed received on the date of delivery as demonstrated by the receipt of delivery. Landlord shall deliver notice to Tenant of any sale of the Property not less than thirty (30) days prior to the date of such sale, including the Diligence Documentation of the buyer. Any notice to Tenant must also be made to Lender. Notices shall be delivered to all parties listed at the address below or to such other address that a party below may provide from time to time:

If to Landlord:
William A. Atha Jr. and Mary L. Atha

9475 Highway 330
Corinth, Kentucky 41010

If to Tenant:
Blue Sky Towers III, LLC
352 Park Street, Suite 106
North Reading, MA 01864
Attn: Legal/Site Number: KY-00765

With a copy to:
Blue Sky Towers III, LLC
57 E. Washington Street
Chagrin Falls, Ohio 44022
Attn.: Legal/Site Number: KY-00765

25. NON-COMPETITION. During the Term, neither Landlord nor any principal of Landlord or any of their respective affiliates will, on the Property or within a three-mile radius of the Property, directly or indirectly, in any capacity, individually or for or with any person or entity (whether as a consultant, employee, equity or debt holder, officer, director, or otherwise), (a) own any interest in any communications tower or telecommunications equipment, or (b) lease or transfer any interest in real estate for the use of a communications tower or placement of telecommunications equipment, or (c) cause or permit the construction of radio or communications towers.

26. MEMORANDUM OF LEASE. In connection with the execution of this Lease, the parties agree to execute a recordable form of a Memorandum of Lease acceptable to both parties in the form attached as **Exhibit C** provided by Tenant and recorded at Tenant's sole cost and expense. From time to time subsequent to the execution of this Lease, the parties shall cooperate in the execution of documents necessary to demonstrate the rights granted to Tenant hereunder for third parties or to modify or amend such recorded memorandum.

27. CONFIDENTIALITY. Notwithstanding anything to the contrary contained in this Lease, Landlord agrees and acknowledges that all of the terms of this Lease and any information furnished to Landlord by Tenant in connection therewith are confidential. Landlord shall not disclose any such terms of information without Tenant's prior written consent, except (i) to Landlord's attorney, accountant, lender and/or prospective fee simple purchaser of Landlord's Property, provided that such party agrees to adhere to the terms and provisions of this section or (ii) as otherwise required by law. The terms and provision of this section shall survive the execution and delivery of this Lease.

28. MISCELLANEOUS.

(a) **Provisions Are Binding Upon Successors and Assigns.** This Lease and the easements granted herein shall run with the land and shall be binding upon and inure to the benefit of the Parties, their respective successors, legal/personal representatives, and assigns. Any right granted to Tenant hereunder may be exercised by Tenant's Lender.

(b) **Entire Agreement; Modification; and Waiver.** This Lease constitutes the entire Lease and understanding of the parties and supersedes all offers, negotiations, and other lease agreements concerning the Premises. There are no representations or understandings of any kind not set forth herein. Any amendment or modification to this Lease must be in writing and executed by both Parties. In addition, no provision of this Lease will be deemed waived by either Party unless expressly waived in writing by the waiving Party. Failure of a Party to insist on strict performance of any of the conditions or provisions of this Lease, or failure or delay to exercise any of a Party's rights hereunder, shall not waive such rights.

(c) **Severability; Interpretation.** If any term of this Lease is found to be void or invalid, the remaining terms of this Lease shall continue in full force and effect. Any questions of particular interpretation shall not be interpreted against the drafter, but rather in accordance with the fair meaning thereof.

(d) **Incorporation by Reference; Exhibits.** All attached exhibits are hereby incorporated by this reference as if fully set forth herein. The Parties understand and acknowledge that the attached exhibits may be attached to this Lease and the Memorandum of Lease in preliminary form. Accordingly, the attached exhibits may be replaced by Tenant with such final, more complete exhibit(s).

(e) **Applicable Law.** This Lease shall be governed by and construed in accordance with the laws of the state in which the Leased Premises are located.

(f) **Estoppel.** The Parties agree that, within ten (10) days of receipt of a written request, each shall provide an estoppel certificate as to any matters reasonably requested by the requesting Party.

(g) **Bankruptcy.** The Parties hereto agree that (i) the Tenant is in possession of the Premises notwithstanding the fact that the Tenant has subleased, or may in the future sublease, certain of the improvements thereon to third parties and (ii) the requirements of Section 365(h) of Title 11 of the United States Code (the "**Bankruptcy Code**") concerning the Tenant's possession of the leasehold under this Lease are satisfied. Accordingly, the Tenant's right to remain in possession of the leasehold under this Lease shall continue notwithstanding any rejection of this Lease in any bankruptcy proceeding involving the Landlord, or any other actions by any party in such a proceeding.

(h) **Counterparts.** This Lease may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute a single instrument.

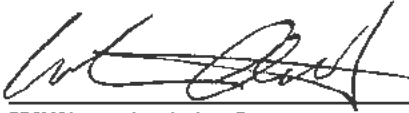
(i) **Further Assurances.** Each of the Parties shall, from time to time, at the request and sole expense of the other Party, without any additional consideration, furnish the other Party such further information or assurances, execute and deliver such additional documents, instruments, and conveyances, and take such other actions and do such other things, as may be reasonably necessary or desirable to carry out the provisions of this Lease and give effect to the transactions contemplated hereby.

(j) **Submission of Lease.** The submission of this Lease for examination does not constitute an offer to lease the Premises, and this Lease becomes effective only upon the full execution of this Lease by the Parties.

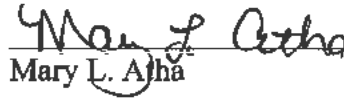
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SIGNATURES BEGIN ON THE NEXT PAGE]

IN WITNESS WHEREOF, the parties hereto have executed this Lease as of the Effective Date.

LANDLORD:



William A. Atha Jr.

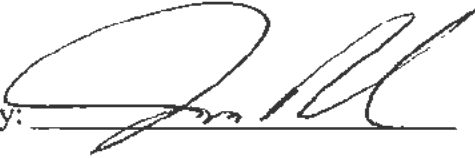


Mary L. Atha

Date: 5-10-24

Signatures Continue on Next Page

TENANT:
Blue Sky Towers IV, LLC
a Delaware limited liability company

By: 

Name: James Rech

Its: President and CEO

Date: 5-21-2024

EXHIBIT A

The Property is depicted/described as follows and will be replaced by a surveyed legal description when available at Tenant's option.

LEASE AREA

Being located on the property conveyed to William A. Atha, Jr. and Mary L. Atha in Deed Book 253, Page 538, of the Owen County Clerk's Office, and being on the west side of Owenton Road (KY 330) and 310' Northwest of Dog Walk Road in Owen County, Kentucky which is further described as follows:

Commencing at a 5/8" rebar found on the north line of said Atha property and being S 54°30'49" W - 25.63' from the northeast corner of said Atha property found on the centerline of Owenton Road (KY 330);
thence traversing said Atha property S 16°24'01" E - 261.24' to an iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Lease Area;
thence S 10°22'56" W - 80.00' to an iron rod with a cap stamped "FStan 3282";
thence N 79°37'04" W - 80.00' to an iron rod with a cap stamped "FStan 3282";
thence N 10°22'56" E - 80.00' to an iron rod with a cap stamped "FStan 3282";
thence S 79°37'04" E - 80.00' to the point of beginning, containing 6,400.00 square feet as per survey by Frank L. Sellinger, II dated February 29, 2024.

ACCESS & UTILITY EASEMENT

Being located on the property conveyed to William A. Atha, Jr. and Mary L. Atha in Deed Book 253, Page 538, of the Owen County Clerk's Office, and being on the west side of Owenton Road (KY 330) and 310' Northwest of Dog Walk Road in Owen County, Kentucky which is further described as follows:

Commencing at a 5/8" rebar found on the north line of said Atha property and being S 54°30'49" W - 25.63' from the northeast corner of said Atha property found on the centerline of Owenton Road (KY 330);
thence traversing said Atha property S 16°24'01" E - 261.24' to an iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Access & Utility Easement;
thence N 85°17'20" E - 23.75' to a point on the apparent west right-of-way line of said Owenton Road (KY 330);
thence with said apparent right-of-way for the next two (2) calls: (1) S 04°42'40" E - 35.43' to a point;
thence (2) S 01°03'43" W - 46.08' to a point;
thence N 88°56'17" W - 40.15' to an iron rod with a cap stamped "FStan 3282" on the southeast corner of the Lease Area;
thence with the east line of said Lease Area N 10°22'56" E - 80.00' to the point of beginning, containing 2,632.35 square feet as per survey by Frank L. Sellinger, II dated February 29, 2024.

EXHIBIT B

The Premises are depicted/described as follows and will be replaced by a surveyed legal description when available at Tenant's option.

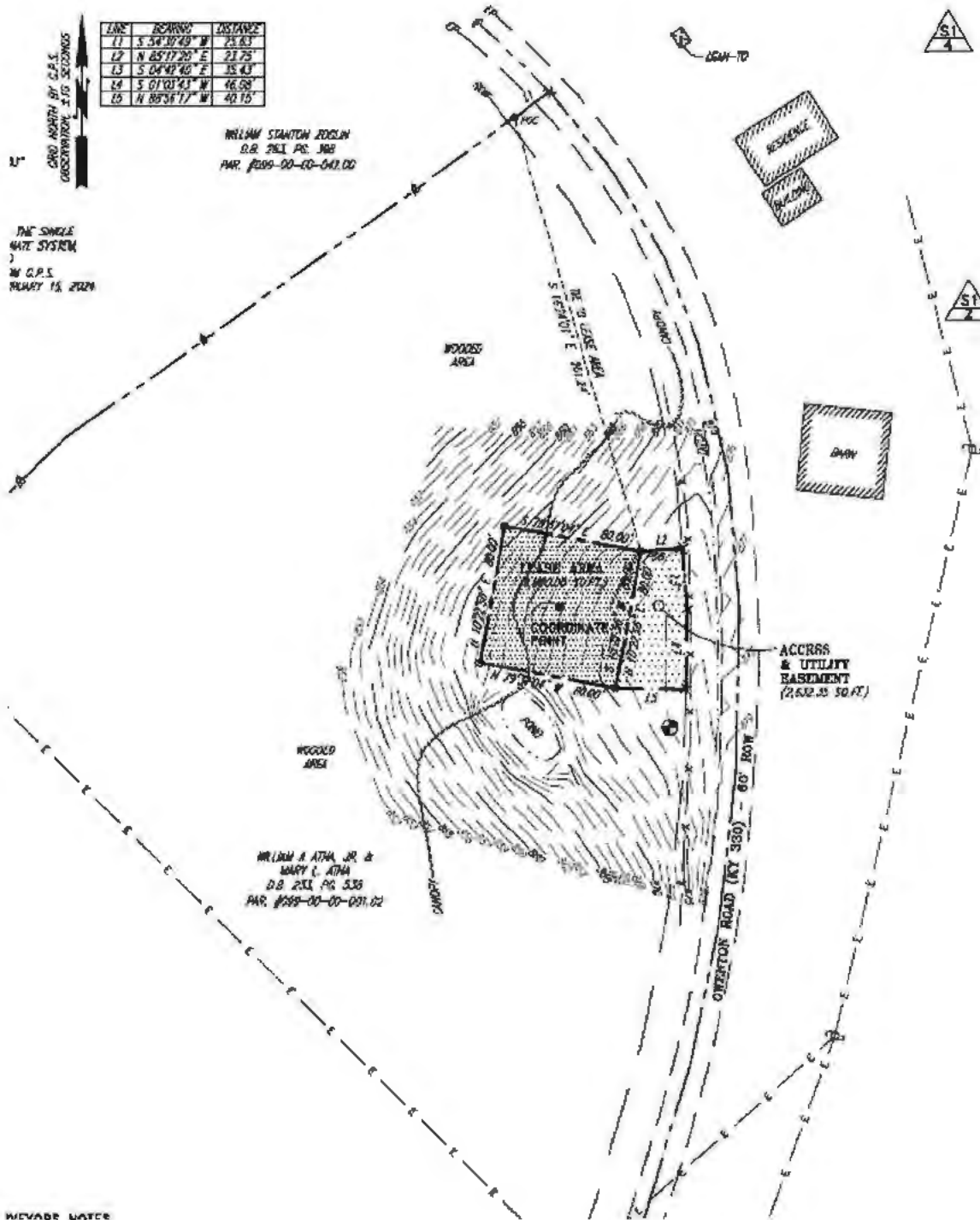


EXHIBIT J

**NOTIFICATION LIST
PVA RECORDS
PROOF OF NOTICE**

LV Lusbys Mill – Notice List

099-00-00-001.02

Atha William A Jr & Mary L
9475 Hwy 330
Corinth, KY 41010

099-00-00-042.00

Zoglin William Stanton
9125 Owenton Rd
Corinth, KY 41010

099-00-00-002.00

Alexander Hugh C & Peter & Anne P Alexander-Ozinskas
19440 James Creek Court
Brookeville, MD 20833

099-00-00-001.00

Young James & Christina
9800 Hwy 330
Corinth, KY 41010

099-00-00-006.03 & 099-00-00-006.04

Clayton John and Helmer Patrick and Torrine Bradley Trustee
12064 Green Rd
Walton, KY 41094

099-00-00-006.01

Osborne Hayley Nicole & Austin Tyler Yung
9200 Hwy 330
Corinth, KY 41010

Owen County, KY PVA

Summary

Parcel Number 099-00-00-001.02
 Account Number 79087
 Location Address 9475 HWY 330
 Description 29.65 AC/HOUSE/BARNS
 (Note: Not to be used on legal documents)
 Class FARM (20)
 Tax District 00 County
 Rate Per Thousand N/A

[View Map](#)



Ownership

ATHA WILLIAM A JR & MARY L
 9475 HWY 330
 CORINTH, KY 41010

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	29.65	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	1291554	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$6,100	\$6,100
+ Improvement Value	\$195,000	\$195,000
= Total Taxable Value	\$201,100	\$201,100
- Exemption Value	(\$46,350)	(\$46,350)
= Net Taxable Value	\$154,750	\$154,750
+ Land FCV	\$70,000	\$70,000
+ Improvement FCV	\$195,000	\$195,000
= Total FCV	\$265,000	\$265,000
Exemption	Homestead: Yes - \$49,100	Homestead: Yes - \$46,350

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	3
Year Built	2008	Full Baths	2
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	7
Number of Stories	0	Living Sq Ft	1,872
Exterior	Brick Veneer	Basement Sq Ft	1632
Foundation	Poured Concrete	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	New	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-Walkout	Heat Source	None
Basement Finish	All Finished	Heat Type	None

Basement Size BS-None
 Garage/Carport
 Garage Size
 Garage Type
 Garage Exterior
 Width 0
 Length 0
 Garage Sq Ft 0
 Pool None
 Pool Size 0
 Tennis Courts None

Air Conditioning Y
 AC/Type Central
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck Covered
 Porch Sq Ft 296
 Deck Sq Ft 984
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$187,000.00
 Driveway Gravel
 Fence 0

Building Number 2
 Description BARN
 Residence Type None
 Comm Type
 Mobile Home Type
 Year Built 0
 Effective Age 0
 Ave. Wall Height 0
 Structure None
 Number of Stories 0
 Exterior None
 Foundation None
 Construction Type None
 Construction Quality
 Building Condition None
 Roof Type RY-None
 Roof Cover RF-Metal
 Roof Pitch RP-None
 Basement Type BT-None
 Basement Finish None
 Basement Size BS-None
 Garage/Carport
 Garage Size
 Garage Type
 Garage Exterior
 Width 30
 Length 40
 Garage Sq Ft 0
 Pool
 Pool Size 0
 Tennis Courts

Kitchens 0
 Dining Rooms 0
 Living Rooms 0
 Family Rooms 0
 Bedrooms 0
 Full Baths 0
 Half Baths 0
 Other Rooms 0
 Total Rooms 0
 Living Sq Ft 0
 Basement Sq Ft 0
 Fireplaces 0
 Water N
 Supplemental Heat None
 Mobile Home Model
 Mobile Home Manufacturer
 MH Skirt Foundation
 Heat N
 Heat Source None
 Heat Type None
 Air Conditioning N
 AC/Type None
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck
 Porch Sq Ft 0
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type None
 Value \$0.00
 Driveway Gravel
 Fence 0

Building Number 3
 Description BARN
 Residence Type None
 Comm Type
 Mobile Home Type
 Year Built 0
 Effective Age 0
 Ave. Wall Height 0
 Structure None
 Number of Stories 0
 Exterior None
 Foundation None
 Construction Type None
 Construction Quality
 Building Condition None
 Roof Type RY-None
 Roof Cover RF-Metal
 Roof Pitch RP-None
 Basement Type BT-None
 Basement Finish None
 Basement Size BS-None
 Garage/Carport
 Garage Size
 Garage Type
 Garage Exterior
 Width 39
 Length 36
 Garage Sq Ft 0
 Pool
 Pool Size 0
 Tennis Courts

Kitchens 0
 Dining Rooms 0
 Living Rooms 0
 Family Rooms 0
 Bedrooms 0
 Full Baths 0
 Half Baths 0
 Other Rooms 0
 Total Rooms 0
 Living Sq Ft 0
 Basement Sq Ft 0
 Fireplaces 0
 Water N
 Supplemental Heat None
 Mobile Home Model
 Mobile Home Manufacturer
 MH Skirt Foundation
 Heat N
 Heat Source None
 Heat Type None
 Air Conditioning N
 AC/Type None
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck
 Porch Sq Ft 0
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type None
 Value \$0.00
 Driveway Gravel
 Fence 0

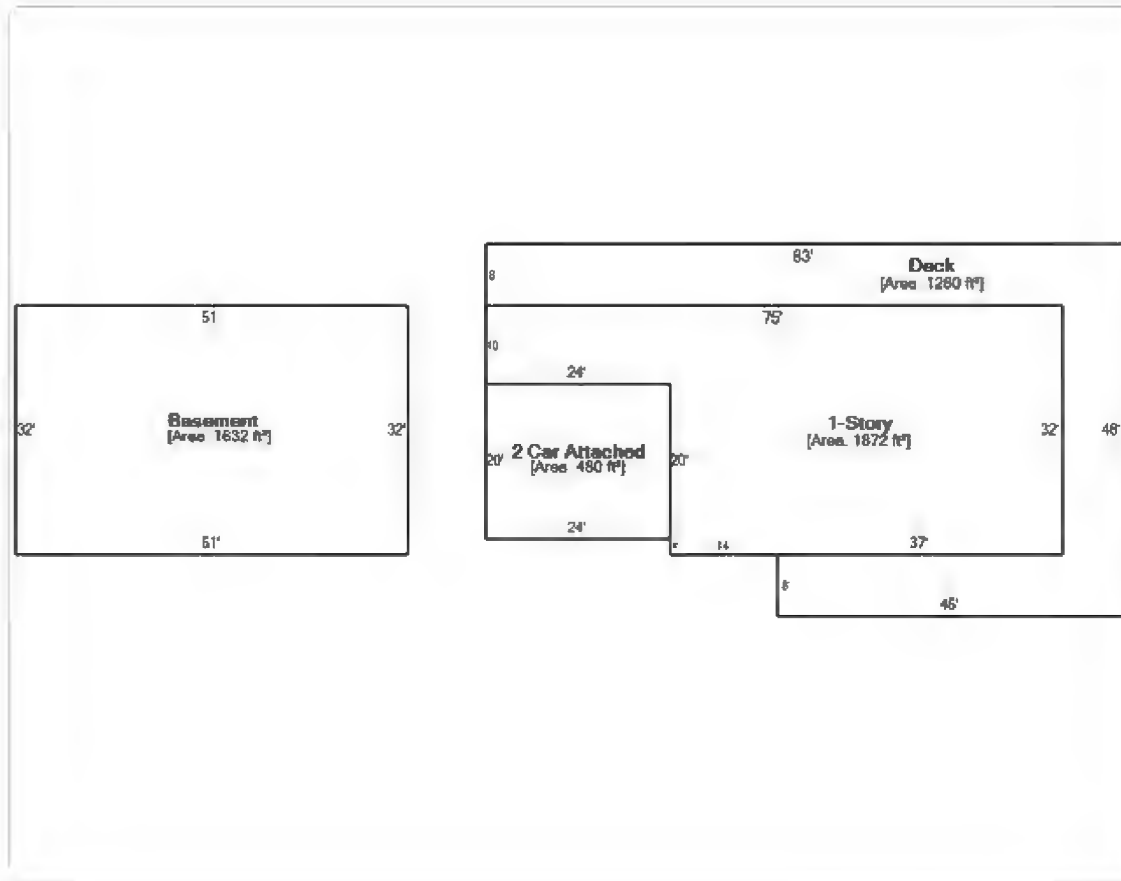
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
5/23/2018	\$265,000	253	538	ATHA WILLIAM A JR & MARY L	GREENE BILLY R
1/1/2007	\$68,000	220	627	GREENE BILLY R	WILMA HUGHES ESTATE

Photos



Sketches



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GEOSPATIAL

Owen County, KY PVA

Summary

Parcel Number 099-00-00-042.00
 Account Number 79187
 Location Address 9125 OWENTON RD
 Description 35.8 AC/HOUSE/IMP
 (Note: Not to be used on legal documents)
 Class FARM (20)
 Tax District 00 County
 Rate Per Thousand N/A

[View Map](#)



Ownership

ZOGLIN WILLIAM STANTON
 9125 OWENTON RD
 CORINTH, KY 41010

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	35.80	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	1559448	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$8,300	\$8,300
+ Improvement Value	\$76,200	\$76,200
= Total Taxable Value	\$84,500	\$84,500
- Exemption Value	\$0	\$0
= Net Taxable Value	\$84,500	\$84,500
+ Land FCV	\$121,800	\$121,800
+ Improvement FCV	\$76,200	\$76,200
= Total FCV	\$198,000	\$198,000
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	2
Year Built	1901	Full Baths	1
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	5
Number of Stories	0	Living Sq Ft	860
Exterior	Frame	Basement Sq Ft	0
Foundation	Post & Pier	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Fair	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	Y

Garage/Carport		AC/Type	Central
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	0	Porch/Deck	
Length	0	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool	None	Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts	None	Value	\$28,000.00
		Driveway	Gravel
		Fence	0

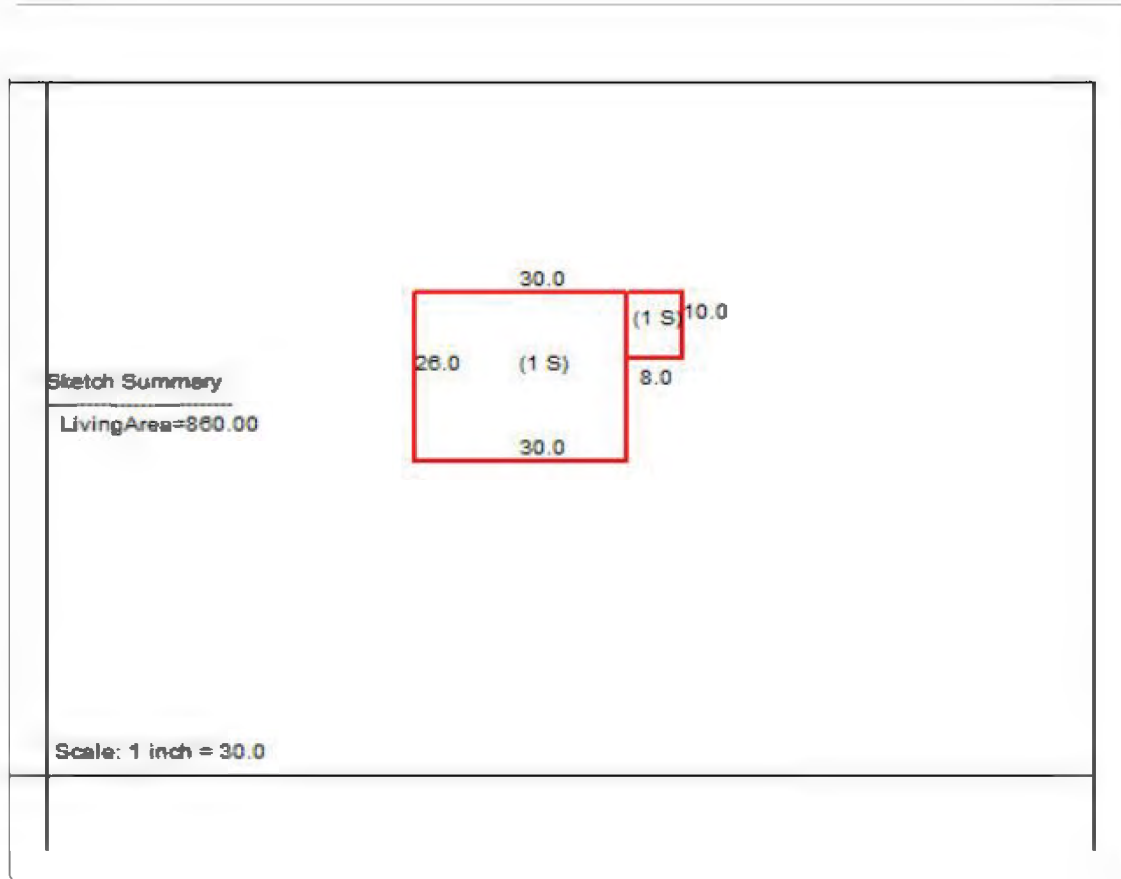
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
5/26/2021	\$198,000	263	398	ZOGLIN WILLIAM STANTON	ROLAND PAMELA & GAYLE
6/17/2016	\$152,000	247	347	ROLAND PAMELA & GAYLE	VOET BRANDON M
6/1/2007	\$161,500	222	273	VOET BRANDON M	ALLEN JAMES D & SHEILA D
5/1/2006	\$0			ALLEN JAMES D & SHEILA D	TAYLOR TAMMIE LEE
7/1/2002	\$0			TAYLOR TAMMIE LEE	ALEXANDER AARON &

Photos



Sketches



Sketch Summary

LivingArea=860.00

Scale: 1 inch = 30.0

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Owen County, KY PVA

Summary

Parcel Number 099-00-00-002.00
Account Number 79090
Location Address 10 DOG WALK RD
Description 56 AC/2 HOUSES/IMPS
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00 County
Rate Per Thousand N/A

[View Map](#)



Ownership

ALEXANDER HUGH C & PETER & ANNE P ALEXANDER-OZINSKAS
 19440 JAMES CREEK COURT
 BROOKVILLE, MD 20833

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	56.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Secondary
Lot Sq Ft	2439360	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$12,200	\$12,200
+ Improvement Value	\$71,000	\$71,000
= Total Taxable Value	\$83,200	\$83,200
- Exemption Value	\$0	\$0
= Net Taxable Value	\$83,200	\$83,200
+ Land FCV	\$140,800	\$140,800
+ Improvement FCV	\$71,000	\$71,000
= Total FCV	\$211,800	\$211,800
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	1907	Full Baths	2
Effective Age	0	Half Baths	1
Ave. Wall Height	0	Other Rooms	0
Structure	2 Story	Total Rooms	5
Number of Stories	0	Living Sq Ft	2,144
Exterior	None	Basement Sq Ft	0
Foundation	Concrete Block	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Fair	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	Y

Garage/Carport		AC/Type	Wall Units
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	0	Porch/Deck	None
Length	0	Porch Sq Ft	276
Garage Sq Ft	0	Deck Sq Ft	0
Pool	None	Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts	None	Value	\$0.00
		Driveway	Gravel
		Fence	0

Building Number	2	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	None	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	1986	Full Baths	2
Effective Age	0	Half Baths	1
Ave. Wall Height	0	Other Rooms	0
Structure	2 Story	Total Rooms	5
Number of Stories	0	Living Sq Ft	1,440
Exterior	Brick Veneer	Basement Sq Ft	0
Foundation	Poured Concrete	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Fair	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	0	Porch/Deck	None
Length	0	Porch Sq Ft	100
Garage Sq Ft	0	Deck Sq Ft	0
Pool	None	Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts	None	Value	\$0.00
		Driveway	Gravel
		Fence	0

Building Number	3	Kitchens	0
Description	BARN	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	0
Construction Type	None	Water	N
Construction Quality		Supplemental Heat	None
Building Condition	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	20	Porch/Deck	
Length	36	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	None
Tennis Courts		Value	\$0.00
		Driveway	Gravel
		Fence	0

Building Number	4	Kitchens	0
Description	BARN	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	0
Construction Type	None	Water	N
Construction Quality		Supplemental Heat	None
Building Condition	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	40	Porch/Deck	
Length	42	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	General Barn
Tennis Courts		Value	\$0.00
		Driveway	Gravel
		Fence	0

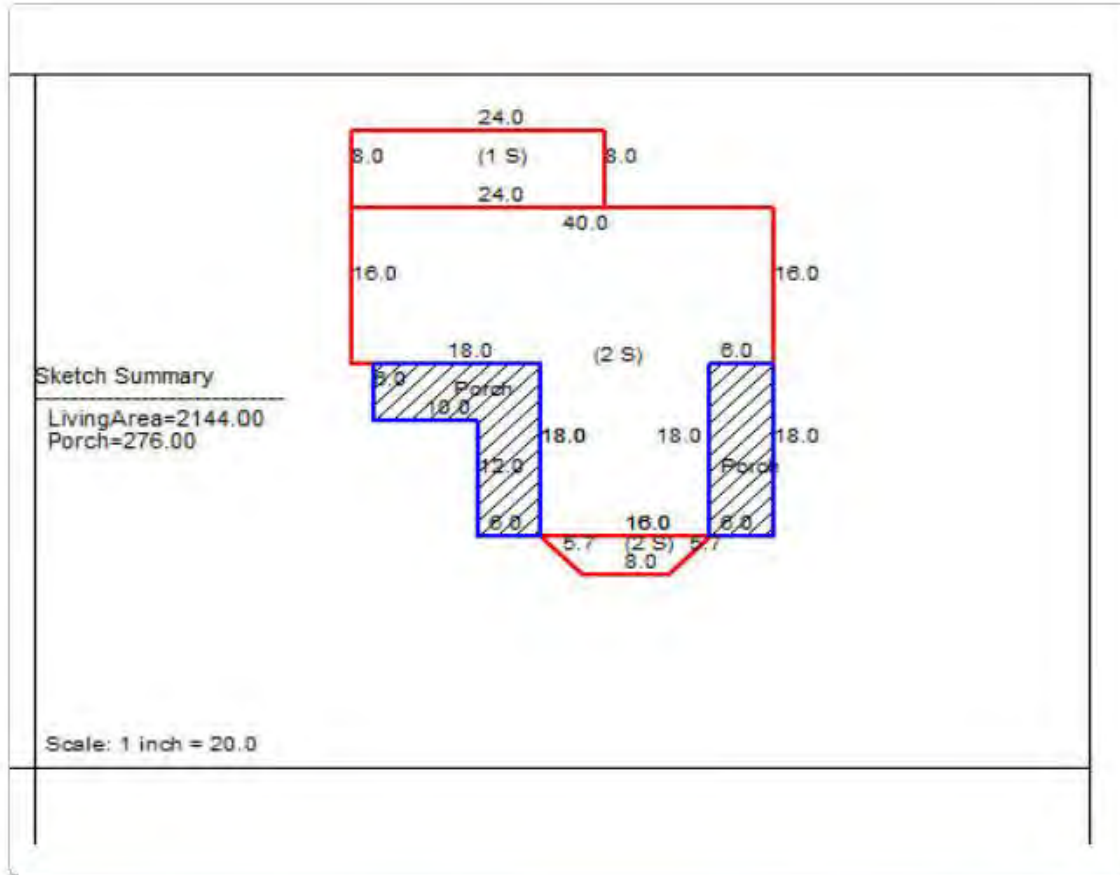
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
6/26/2014	\$1	242	019	ALEXANDER HUGH C & PETER &	ALEXANDER HUGH & LOIS TRUST
3/1/1985	\$0	150	743	ALEXANDER HUGH & LOIS TRUST	

Photos



Sketches



BUILDING SKETCH AND AREA CALCULATION				
Section	Width X Length	Area	Total	Date
H/S	20' X 30'	120'	120'	1/18/25
Major Alterations or Additions				
47 LIVING AREA 48 BASEMENT 49 GARAGE 50 PORCHES 51 PATIOS/DECKS				
SQUARE FOOTAGE				

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Owen County, KY PVA

Summary

Parcel Number 099-00-00-001.00
Account Number 79085
Location Address 9390 HWY 330
Description 35.4 AC
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 10 County No Fire Fee
Rate Per Thousand N/A

[View Map](#)

Ownership

YOUNG JAMES & CHRISTINA
 9800 HWY 330
 CORINTH, KY 41010

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	35.42	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	1542895	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$9,500	\$9,500
+ Improvement Value	\$2,300	\$2,300
= Total Taxable Value	\$11,800	\$11,800
- Exemption Value	\$0	\$0
= Net Taxable Value	\$11,800	\$11,800
+ Land FCV	\$109,900	\$109,900
+ Improvement FCV	\$0	\$0
= Total FCV	\$109,900	\$109,900
Exemption	Homestead: No	Homestead: No

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
4/1/2008	\$110,000	225	272	YOUNG JAMES & CHRISTINA	YOUNG WILLIAM E JR
2/1/2007	\$0			YOUNG WILLIAM E JR	HUGHES WILMA-ESTAT
1/1/2007	\$0			HUGHES WILMA-ESTAT	WILMA HUGHES ESTAT

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Owen County, KY PVA

Summary

Parcel Number 099-00-00-006.03
Account Number 79103
Location Address HWY 330
Description 24.3231 ACRES
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00 County
Rate Per Thousand N/A

[View Map](#)

Ownership

CLAYTON JOHN and HELMER PATRICK and TORRINE BRADLEY TRUSTEE
 12064 GREEN RD
 WALTON, KY 41094

Land Characteristics

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	24.32	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	1059379	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$5,300	\$5,300
+ Improvement Value	\$0	\$0
= Total Taxable Value	\$5,300	\$5,300
- Exemption Value	\$0	\$0
= Net Taxable Value	\$5,300	\$5,300
+ Land FCV	\$53,500	\$53,500
+ Improvement FCV	\$0	\$0
= Total FCV	\$53,500	\$53,500
Exemption	Homestead: No	Homestead: No

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
4/5/2023	\$1	271	253	CLAYTON JOHN and HELMER PATRICK and	CLAYTON JOHN MARK-ETAL
4/1/2007	\$1	221	349	CLAYTON JOHN MARK-ETAL	PRIMEAU DEBORAH L
11/1/1997	\$0			PRIMEAU DEBORAH L	DUNCAN

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Owen County, KY PVA

Summary

Parcel Number 099-00-00-006.04
Account Number 79104
Location Address HWY 330
Description 30.3 ACRES
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00 County
Rate Per Thousand N/A

[View Map](#)



Ownership

CLAYTON JOHN and HELMER PATRICK and TORRINE BRADLEY TRUSTEE
 12064 GREEN RD
 WALTON, KY 41094

Land Characteristics

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	30.30	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	1319868	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$7,000	\$7,000
+ Improvement Value	\$0	\$0
= Total Taxable Value	\$7,000	\$7,000
- Exemption Value	\$0	\$0
= Net Taxable Value	\$7,000	\$7,000
+ Land FCV	\$66,400	\$66,400
+ Improvement FCV	\$0	\$0
= Total FCV	\$66,400	\$66,400
Exemption	Homestead: No	Homestead: No

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
4/5/2023	\$1	271	253	CLAYTON JOHN and HELMER PATRICK and	CLAYTON JOHN MARK-ETAL
4/1/2007	\$1	221	349	CLAYTON JOHN MARK-ETAL	PRIMEAU DEBORAH L
7/1/2001	\$0			PRIMEAU DEBORAH L	CAMMACK ALLEN & ME
5/1/1997	\$0			CAMMACK ALLEN & ME	ANGLIN ARCHIE

Photos



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GEO SPATIAL

Owen County, KY PVA

Summary

Parcel Number 099-00-00-006.01
Account Number 79101
Location Address 9200 HWY 330
Description 10.45 AC/HOUSE/GARAGE
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00 County
Rate Per Thousand N/A

[View Map](#)



Ownership

OSBORNE HAYLEY NICOLE & AUSTIN TYLER YUNG
 9200 HWY 330
 CORINTH, KY 41010

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	10.45	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	455358	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$2,600	\$2,600
+ Improvement Value	\$165,000	\$165,000
= Total Taxable Value	\$167,600	\$167,600
- Exemption Value	\$0	\$0
= Net Taxable Value	\$167,600	\$167,600
+ Land FCV	\$200,000	\$200,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$200,000	\$200,000
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	2
Number of Stories	0	Living Sq Ft	1,248
Exterior	Aluminum	Basement Sq Ft	0
Foundation	Poured Concrete	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Good/Average	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	Y

Garage/Carport		AC/Type	Central
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	0	Porch/Deck	Covered
Length	0	Porch Sq Ft	288
Garage Sq Ft	0	Deck Sq Ft	72
Pool	None	Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts	None	Value	\$110,000.00
		Driveway	Gravel
		Fence	0

Building Number	2	Kitchens	0
Description	BARN	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	0
Construction Type	None	Water	N
Construction Quality		Supplemental Heat	None
Building Condition	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	20	Porch/Deck	
Length	24	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	None
Tennis Courts		Value	\$0.00
		Driveway	Gravel
		Fence	0

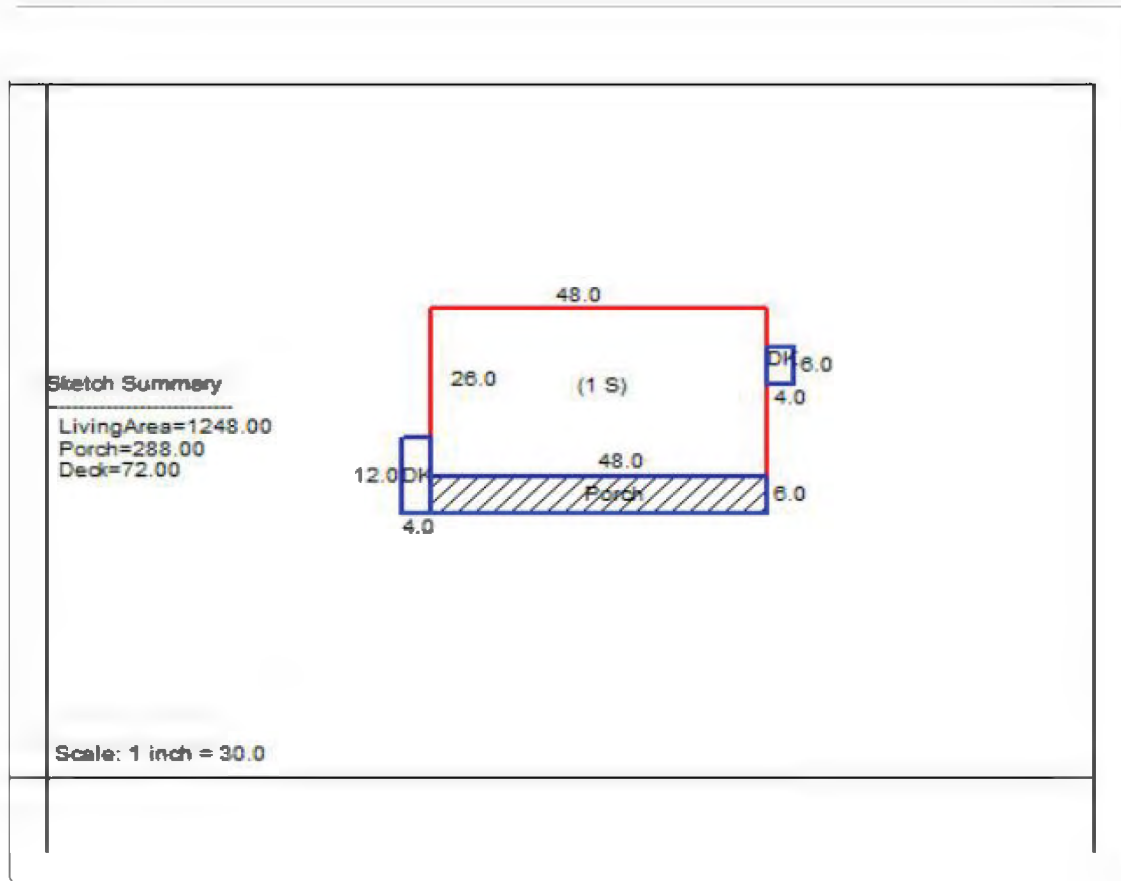
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
4/13/2021	\$200,000	262	702	OSBORNE HAYLEY NICOLE &	YOUNG DENISE & JAMES
10/24/2015	\$1	245	439	YOUNG DENISE & JAMES	RAY DENISE I
8/1/2005	\$148,000	215	-65	RAY DENISE I	EVANS JOHN M & CHRISTIE
7/1/1998	\$0			EVANS JOHN M & CHRISTIE	DUNCAN GERALD & DO
1/1/1900	\$0			DUNCAN GERALD & DO	MAAS

Photos



Sketches



The Owen County Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation.
[User Privacy Policy](#) | [GDPR Privacy Notice](#)
[Last Data Upload: 1/17/2025, 8:26:06 PM](#)

[Contact Us](#)

Developed by
 **SCHNEIDER**
GEOSPATIAL

9589 0710 5270 0200 6250 55

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

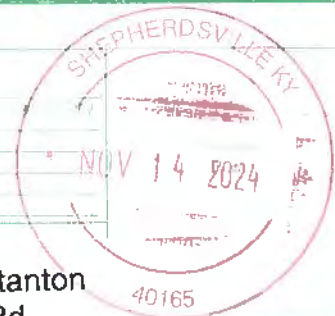
Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

To: Zoglin William Stanton
9125 Owenton Rd
Corinth, KY 41010



9589 0710 5270 0200 6250 17

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

To: Atha William A Jr & Mary L
9475 Hwy 330
Corinth, KY 41010



9589 0710 5270 0200 6250 31

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

To: Young James & Christina
9800 Hwy 330
Corinth, KY 41010



9589 0710 5270 0200 6250 48

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

**To: Alexander Hugh C & Peter &
Anne P Alexander-Ozinkas**
19440 James Creek Court
Brookeville, MD 20833



9589 0710 5270 0200 6250 86

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

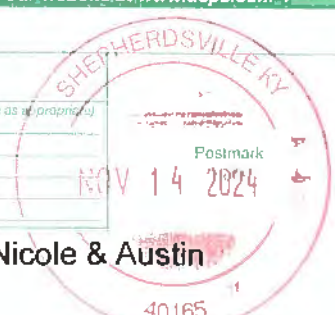
Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

**To: Osborne Hayley Nicole & Austin
Tyler Yung**
9200 Hwy 330
Corinth, KY 41010



9589 0710 5270 0200 6250 93

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

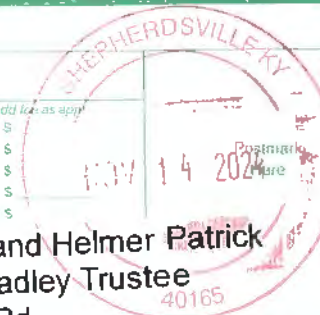
Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

**To: Clayton John and Helmer Patrick
and Torrine Bradley Trustee**
12064 Green Rd
Walton, KY 41094



SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Atha William A Jr & Mary L
 9475 Hwy 330
 Corinth, KY 41010



9590 9402 7926 2305 8665 09

2. Article Number (Transfer from service label)

9589 0710 5270 0200 6250 17

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Handwritten Signature]

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Alexander Hugh C & Peter &
 Anne P Alexander-Ozinskas
 19440 James Creek Court
 Brookeville, MD 20833



9590 9402 7926 2305 8664 86

2. Article Number (Transfer from service label)

9589 0710 5270 0200 6250 48

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Anne alexander² Ozinskas

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

11/13/24

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

3. Service Type

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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Young James & Christina
 9800 Hwy 330
 Corinth, KY 41010



9590 9402 7926 2305 8664 79

2. Article Number (Transfer from service label)

9589 0710 5270 0200 6250 31

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Young James

- Agent
- Addressee

B. Received by (Printed Name)


C. Date of Delivery

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

3. Service Type

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY																
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>Clayton John and Helmer Patrick and Torrine Bradley Trustee 12064 Green Rd Walton, KY 41094</p>  <p>9590 9402 7926 2305 8664 62</p>	<p>A. Signature <input checked="" type="checkbox"/> <i>Carla Pearce</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Carla Pearce</i></p> <p>C. Date of Delivery <i>11/18/24</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>																
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 0200 6250 93</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery		<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®																
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™																
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery																
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™																
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery																
<input type="checkbox"/> Collect on Delivery Restricted Delivery																	
<input type="checkbox"/> Insured Mail																	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)																	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>																

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY																
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>Osborne Hayley Nicole & Austin Tyler Yung 9200 Hwy 330 Corinth, KY 41010</p>  <p>9590 9402 7926 2305 8664 55</p>	<p>A. Signature <input checked="" type="checkbox"/> <i>H Yung</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Hayley Yung</i></p> <p>C. Date of Delivery <i>11-21-24</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>																
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 0200 6250 86</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery		<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®																
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™																
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery																
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™																
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery																
<input type="checkbox"/> Collect on Delivery Restricted Delivery																	
<input type="checkbox"/> Insured Mail																	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)																	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>																

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Zoglin William Stanton
 9125 Owenton Rd
 Corinth, KY 41010



9590 9402 7926 2305 8664 93

2. Article Number (Transfer from service label)

9589 0710 5270 0200 6250 55

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Agent

Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)

- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

CERTIFIED MAIL®



9589 0710 5270 0200 6250 55

40165 0369 KY 400

NOV 14 2024 PM 12

FIRST-CLASS



US POSTAGE (M) PITNEY BOWES

ZIP 40165 \$ 009.64⁰
 02 7H
 0006034260 NOV 14 2024

Box 369
Corinth, KY 40165

will

Zoglin William Stanton
 9125 Owenton Rd
 Corinth, KY 41010

11/10/24

NIXIE 430 DE 1 0012/05/24

RETURN TO SENDER
 UNCLAIMED
 UNABLE TO FORWARD

BC: 40165036969 *1170-04756-14-36

UNC
 40165-0369
 40165 > 0369



EXHIBIT K

COPY OF PROPERTY OWNER NOTIFICATION



PIKE LEGAL GROUP PLLC
1578 Highway 44 East, Unit 6
PO Box 369
Shepherdsville, KY 40165-0369
Phone: 502-955-4400
Fax: 502-543-4410

VIA CERTIFIED MAIL

**Notice of Proposed Construction of
Wireless Communications Facility
Site Name: LV LUSBYS MILL**

Dear Landowner:

Blue Sky Towers IV, LLC, a Delaware limited liability company, and Cellco Partnership d/b/a Verizon Wireless are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 9275 Highway 330, Corinth, KY 41010 (38° 31' 17.66" North latitude, 84° 40' 35.41" West longitude). The proposed facility will include a 255-foot tall tower with a 10-foot tall lightning arrestor attached at the top for a total height of 265 feet, plus related ground facilities. This facility is needed to provide improved service for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the PSC, either in writing or to request intervention in the PSC's proceedings on the application. You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00361 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. Verizon Wireless radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us toll free at (800) 516-4293 if you have any comments or questions about this proposal.

Sincerely,
David A. Pike
Attorney for Applicant

enclosures



PIKE LEGAL GROUP PLLC
1578 Highway 44 East, Unit 6
PO Box 369
Shepherdsville, KY 40165-0369
Phone: 502-955-4400
Fax: 502-543-4410



EXHIBIT L

**COPY OF COUNTY JUDGE/EXECUTIVE NOTICE &
PROOF OF NOTICE**



PIKE LEGAL GROUP PLLC
1578 Highway 44 East, Unit 6
PO Box 369
Shepherdsville, KY 40165-0369
Phone: 502-955-4400
Fax: 502-543-4410

VIA CERTIFIED MAIL

Todd Woodyard
County Judge Executive
100 N. Thomas St.
Owenton, KY 40359

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2024-00361
Site Name: LV Lusby's Mill

Dear Judge/Executive:

Blue Sky Towers IV, LLC, a Delaware limited liability company, and Cellco Partnership d/b/a Verizon Wireless are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 9275 Highway 330, Corinth, KY 41010 (38° 31' 17.66" North latitude, 84° 40' 35.41" West longitude). The proposed facility will include a 255-foot tall tower with a 10-foot tall lightning arrestor attached at the top for a total height of 265 feet, plus related ground facilities. This facility is needed to provide improved service for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00361 in any correspondence sent in connection with this matter.

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

Sincerely,
David A. Pike
Attorney for Applicant
enclosures



PIKE LEGAL GROUP PLLC
1578 Highway 44 East, Unit 6
PO Box 369
Shepherdsville, KY 40165-0369
Phone: 502-955-4400
Fax: 502-543-4410



**U.S. Postal Service™
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For delivery information, visit our website at www.usps.com®

9589 0710 5270 0200 6250 79



Todd Woodyard
County Judge Executive
100 N. Thomas St.
Owenton, KY 40359

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Todd Woodyard
County Judge Executive
100 N. Thomas St.
Owenton, KY 40359



9590 9402 7926 2305 8664 48

2. Article Number (Transfer from...)

9589 0710 5270 0200 6250 79

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

NOV 18 2024

3. Service Type

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

EXHIBIT M

**COPY OF POSTED NOTICES
AND NEWSPAPER NOTICE ADVERTISEMENT**

SITE NAME: Lusbys Mill
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.

Blue Sky Towers IV, LLC, a Delaware limited liability company, and Cellco Partnership d/b/a Verizon Wireless propose to construct a telecommunications **tower** on this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00361 in your correspondence.

Blue Sky Towers IV, LLC, a Delaware limited liability company, and Cellco Partnership d/b/a Verizon Wireless propose to construct a telecommunications **tower** near this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00361 in your correspondence.



PIKE LEGAL GROUP PLLC
1578 Highway 44 East, Unit 6
PO Box 369
Shepherdsville, KY 40165-0369
Phone: 502-955-4400
Fax: 502-543-4410

Owenton News-Herald
Attn: Public Notice Ad Placement
101 E. Pike St, Second Flood
Cynthiana, KY 41031
Phone: 502-732-4261

Via Email: classifieds@owentonnews herald.com

RE: Legal Notice Advertisement
Site Name: Lusbys Mill

Dear Owenton News-Herald:

Please publish the following legal notice advertisement in the next edition of *The Owenton News-Herald*:

NOTICE

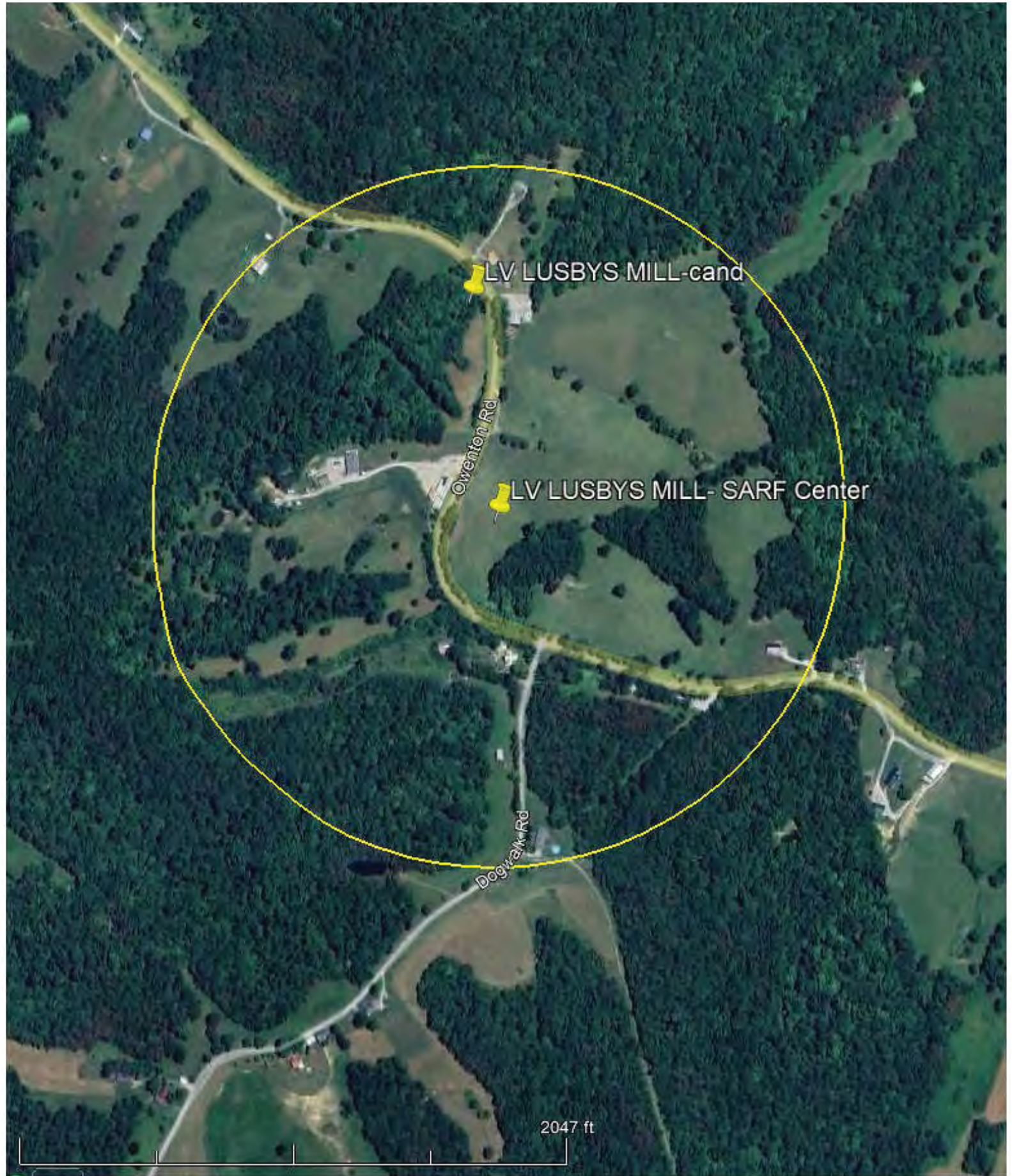
Blue Sky Towers IV, LLC, a Delaware limited liability company, and Cellco Partnership d/b/a Verizon Wireless are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 9275 Highway 330, Corinth, KY 41010 (38°31'17.66" North latitude, 84°40'35.41" West longitude). You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00361 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 Pike Legal Group, PLLC, P. O. Box 369, Shepherdsville, KY 40165. Please call me at (800) 516-4293 if you have any questions. Thank you for your assistance.

Sincerely,
Aaron L. Roof
Pike Legal Group, PLLC

EXHIBIT N

COPY OF RADIO FREQUENCY DESIGN SEARCH AREA



LV LUSBYS MILL-cand

LV LUSBYS MILL- SARF Center

Owenton Rd

Dogwalk Rd

2047 ft