

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

In the Matter of:

THE APPLICATION OF TOWERNORTH DEVELOPMENT,))
LLC, AND CELLCO PARTNERSHIP D/B/A VERIZON))
WIRELESS FOR ISSUANCE OF A CERTIFICATE OF))
PUBLIC CONVENIENCE AND NECESSITY TO)) CASE NO. 2026-00250
CONSTRUCT A WIRELESS COMMUNICATIONS))
FACILITY IN THE COMMONWEALTH OF KENTUCKY))
IN THE COUNTY OF PULASKI))

SITE NAME: CANEY CREEK

* * * * *

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

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

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

1. The complete name and address of the Co-Applicants:
 - a. TowerNorth Development, LLC, having a local address of 2400 Ansys Drive,
Suite 102; Canonsburg PA 15317

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

2. Co-Applicants:

- a. TowerNorth Development, LLC, is a Delaware limited liability company and copies of the formulation document and the Statement of Good Standing from Delaware, and the Certificate of Authorization is on file with the Secretary of State of Commonwealth of Kentucky, are included as part of **Exhibit A**.
- b. Cellco Partnership, d/b/a Verizon Wireless is a Delaware general partnership and a copy of the Statement of Good Standing from Delaware, and the Certificate of Assumed Name is on file with the Secretary of State of Commonwealth of Kentucky and included as part of **Exhibit A**.

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

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

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

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

6. To address the above-described service needs, Co-Applicants propose to construct a WCF located at 1705 Old Waynesburg Road; Eubank KY 42567 (North Latitude: 37° 16' 35.91", West Longitude 84° 36' 30.32"), 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 Jeffrey H. Todd & Marilyn Grossman recorded to a Deed in Deed Book 458 Page 147, dated August 7, 2013, in the office of the Pulaski County Clerk. The proposed WCF will consist of a 245-foot-tall tower, with an approximately 5-foot-tall lightning arrestor attached at the top, for a total height of 250-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of the Co-Applicants' radio electronics equipment and appurtenant equipment. The Co-Applicants' equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit C** and **Exhibit D**.

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

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

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

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

11. A copy of the Determination of No Hazard to Air Navigation from the Federal Aviation Administration ("FAA") is attached as **Exhibit F**.

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

13. A geotechnical engineering report was performed at the WCF site by G2 Consulting Group, LLC, 1775 Crooks Road, Suite 100; Troy MI 48084, dated August 13, 2026 and is attached as **Exhibit H**. The name and address of the geotechnical engineering firm and the professional

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

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

15. Applicant, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the memorandum of agreement recorded with the Pulaski County Clerk in Book 58, Page 351 is attached as **Exhibit J**.

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

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

18. As noted on the Survey attached as part of **Exhibit C**, the surveyor has determined that the tower site and access easement are not within any flood hazard area per Flood Hazard Boundary Map, Community Panel Number 21199C0050C, Dated July 22, 2010.

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

street system and all abutting property owners (according to the records maintained by the County Property Valuation Administrator). Attached as **Exhibit K** is the Notification List with screen shots of the PVA records verified and updated using the Pulaski County PVA on September 1, 2026. **Exhibit C** also identifies every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system.

20. Co-Applicants have sent certified notices to every person who, according to the records of the County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and informed of his or her right to request intervention. A list of the notified property owners, verified on September 1, 2026, using the Pulaski County Kentucky Property Valuation Administration records and a copy of the form of the notice sent by certified mail to each landowner on September 10, 2026, are attached as **Exhibit K** and **Exhibit L**, respectively. Twelve (12) notices were sent to surrounding property owners; to date nine (9) notice green cards have been returned, two (2) have been noted as unclaimed and the remaining notice was delivered on September 14, 2026 and the green card was lost. Copies of the mailed envelopes, returned green cards, and USPS Tracking are included in **Exhibit L**. There are no unaccounted-for notices.

21. Co-Applicants have notified the applicable County Judge / Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the County Judge / Executive of his / her right to request intervention. A copy of this notice along with a copy of the mailed envelope and returned green card is attached as **Exhibit M**.

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

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

24. The area of the proposed facility is in the unincorporated area of Pulaski County, Kentucky. The site is located at 1705 Old Waynesburg Road; Eubank KY 42567. The area is buffered by a tree line to the West and East, with existing agricultural structures to the South. The site is bordered by Old Waynesburg Road to the Southeast. The area is largely undeveloped and characterized by large agricultural tracts with a scattering of single-family homes along Old Waynesburg Road. The parcel is comprised of areas of open pasture, and an existing residence and various agricultural structures. The terrain is generally flat. There is no zoning or Plan Commission in this area of Pulaski County. The proposed facility is removed from any residential structures. The nearest residential structure is 199' 10" feet from the proposed tower site, which is located on the same tract as the proposed facility.

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

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

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

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

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

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

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

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

Respectfully submitted,



Russell L. Brown

Clark, Quinn, Moses, Scott & Grahm, LLP

320 North Meridian Street, Suite 1100

Indianapolis, IN 46204

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

Email: rbrown@clarkquinnlaw.com

Attorney for Cellco Partnership d/b/a Verizon Wireless

LIST OF EXHIBITS

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

Delaware

The First State

Page 1

I, CHARUNI PATIBANDA-SANCHEZ, 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 FOURTEENTH DAY OF FEBRUARY, A.D. 2025.

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



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SR# 20250539476

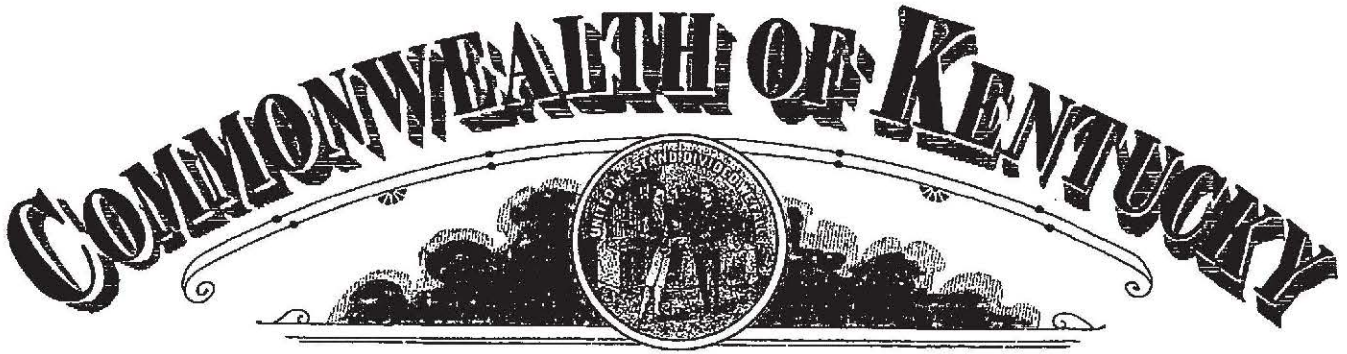
You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in cursive script, reading "C. P. Sanchez", written in black ink.

Charuni Patibanda-Sanchez, Secretary of State

Authentication: 202935577

Date: 02-14-25



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



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Trey Grayson
Secretary of State
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06/21/2006 12:06:09 PM
Fee Receipt: \$20.00

CERTIFICATE OF ASSUMED NAME

This certifies that the assumed name of
Verizon Wireless

[Name under which the business will be conducted]

has been adopted by See Addendum

[Real name - KRS 365.015(1)]

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

- | | |
|--|---|
| ☐ a Domestic General Partnership | ☒ a Foreign General Partnership |
| ☐ a Domestic Registered Limited Liability Partnership | ☐ a Foreign Registered Limited Liability Partnership |
| ☐ a Domestic Limited Partnership | ☐ a Foreign Limited Partnership |
| ☐ a Domestic Business Trust | ☐ a Foreign Business Trust |
| ☐ a Domestic Corporation | ☐ a Foreign Corporation |
| ☐ a Domestic Limited Liability Company | ☐ a Foreign Limited Liability Company |
| ☐ a Joint Venture | |

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

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

The certificate of assumed name is executed by

NYNEX PCS Inc.

Jane A. Schepker-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 Celco Partnership; a Delaware general partnership with its headquarters located One Verizon Way, Basking Ridge NJ 07920-1097.

General Partners of Celco 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



COMMONWEALTH OF KENTUCKY
MICHAEL G. ADAMS, SECRETARY OF STATE

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kbmcdowell
ADD

Michael G. Adams
Kentucky Secretary of State
Received and Filed:
9/4/2026 9:41 AM
Fee Receipt: \$90.00

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

Certificate of Authority
(Foreign Business Entity)

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

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

2. The name of the entity is TowerNorth Development, LLC
(The name must be identical to the name on record in the state where the entity was formed.)

3. The name of the entity to be used in Kentucky is (if applicable): _____
(Only provide if name on line 2 is unavailable for use; otherwise, leave blank.)

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

5. The date of organization is 5/11/2017 and the period of duration is _____
(If left blank, duration is considered perpetual.)

6. The mailing address of the entity's principal office is
2400 Ansys Drive, Suite 102 Canonsburg PA 15317
Street Address City State Zip Code

7. The street address of the entity's registered office in Kentucky is
315 High Street Frankfort KY 40601
Street Address (No P.O. Box Numbers) City State Zip Code

and the name of the registered agent at that office is Corporation Service Company

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

<u>Joshua Mossey</u>	<u>2400 Ansys Drive, Suite 102</u>	<u>Canonsburg</u>	<u>PA</u>	<u>15317</u>
Name	Street or P.O. Box	City	State	Zip Code
<u>Herbert Stern</u>	<u>2400 Ansys Drive, Suite 102</u>	<u>Canonsburg</u>	<u>PA</u>	<u>15317</u>
Name	Street or P.O. Box	City	State	Zip Code
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
Name	Street or P.O. Box	City	State	Zip Code

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

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

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

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

13. Check the box, if applicable: This entity is a retailer of authorized nicotine vapor products as defined by KRS 438.305(2). ☐

<u>Joshua Mossey</u>	<u>Joshua Mossey - CFO</u>	<u>9/2/2026</u>
Signature of Authorized Representative	Printed Name & Title	Date

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

<u>Nicholas J. House</u>	<u>Nicholas J. House</u>	<u>Assistant Secretary on behalf of</u>	<u>09/03/2026</u>
Signature of Registered Agent	Printed Name	Title	Date

Delaware

The First State

Page 1

I, CHARUNI PATIBANDA-SANCHEZ, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT "TOWERNORTH DEVELOPMENT, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE NOT HAVING BEEN CANCELLED OR REVOKED SO FAR AS THE RECORDS OF THIS OFFICE SHOW AND IS DULY AUTHORIZED TO TRANSACT BUSINESS.

THE FOLLOWING DOCUMENTS HAVE BEEN FILED:

CERTIFICATE OF FORMATION, FILED THE ELEVENTH DAY OF MAY, A.D. 2017, AT 12:41 O`CLOCK P.M.

CERTIFICATE OF CHANGE OF REGISTERED AGENT, FILED THE ELEVENTH DAY OF JULY, A.D. 2018, AT 4:48 O`CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE AFORESAID LIMITED LIABILITY COMPANY, "TOWERNORTH DEVELOPMENT, LLC".

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



6408337 8310

SR# 20264320255

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

A handwritten signature in black ink, reading "C. P. Sanchez", is written over a horizontal line.

Charuni Patibanda-Sanchez, Secretary of State

Authentication: 205054336

Date: 09-08-26



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
ANTENNA STRUCTURE REGISTRATION**



OWNER: TowerNorth Development, LLC

FCC Registration Number (FRN): 0023077357

ATTN: Elisabeth Rutkowski TowerNorth Development, LLC 2400 Ansys Drive Suite 102 Canonsburg, PA 15317			Antenna Structure Registration Number 1334786	
			Issue Date 09/14/2026	
Location of Antenna Structure 1705 Old Waynesburg Road Eubank, KY 42567 County: PULASKI			Ground Elevation (AMSL) 337.0 meters	
			Overall Height Above Ground (AGL) 76.2 meters	
Latitude 37- 16- 35.9 N	Longitude 084- 36- 30.3 W	NAD83	Overall Height Above Mean Sea Level (AMSL) 413.2 meters	
Center of Array Coordinates N/A			Type of Structure LTOWER Lattice Tower	
Painting and Lighting Requirements: FAA Chapters 4, 8, 15 Paint and Light in Accordance with FAA Circular Number 70/7460-1M Conditions:				

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

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

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

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

- **Posting the Registration Number:** The Antenna Structure Registration Number must be displayed in a conspicuous place so that it is readily visible near the base of the antenna structure. Materials used to display the Registration Number must be weather-resistant and of sufficient size to be easily seen at the base of the antenna structure. Exceptions exist for certain historic structures. See 47 C.F.R. 17.4(g)-(h).
- **Inspecting lights and equipment:** The obstruction lighting must be observed at least every 24 hours in order to detect any outages or malfunctions. Lighting equipment, indicators, and associated devices must be inspected at least once every three months.
- **Reporting outages and malfunctions:** When any top steady-burning light or a flashing light (in any position) burns out or malfunctions, the outage must be reported to the nearest FAA Flight Service Station, unless corrected within 30 minutes. The FAA must again be notified when the light is restored. The owner must also maintain a log of these outages and malfunctions.
- **Maintaining assigned painting:** The antenna structure must be repainted as often as necessary to maintain good visibility.
- **Complying with environmental rules:** If you certified that grant of this registration would not have a significant environmental impact, you must nevertheless maintain all pertinent records and be ready to provide documentation supporting this certification and compliance with the rules, in the event that such information is requested by the Commission pursuant to 47 C.F.R. 1.1307(d).
- **Updating information:** The owner must notify the FCC of proposed modifications to this structure; of any change in ownership; or, within 30 days of dismantlement of the structure.

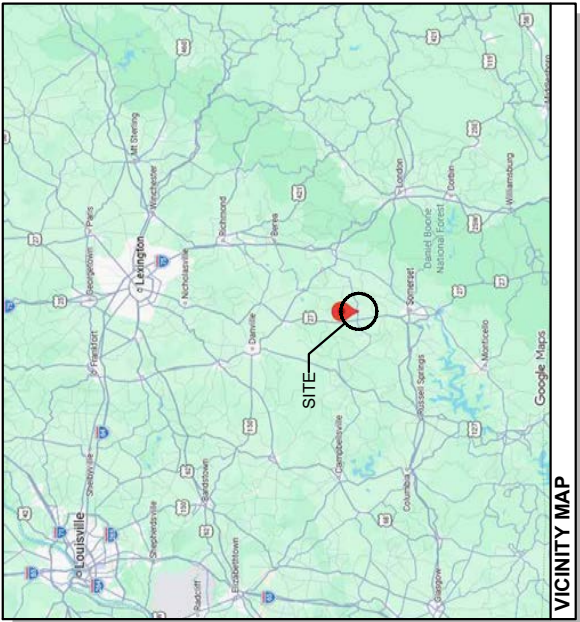
Copies of the Code of Federal Regulations (which contain the FCC's antenna structure registration rules, 47 C.F.R Part 17) are available from the Government Printing Office (GPO). To purchase CFR volumes, call (202) 512-1800. For GPO Customer Service, call (202) 512-1803. For additional FCC information,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



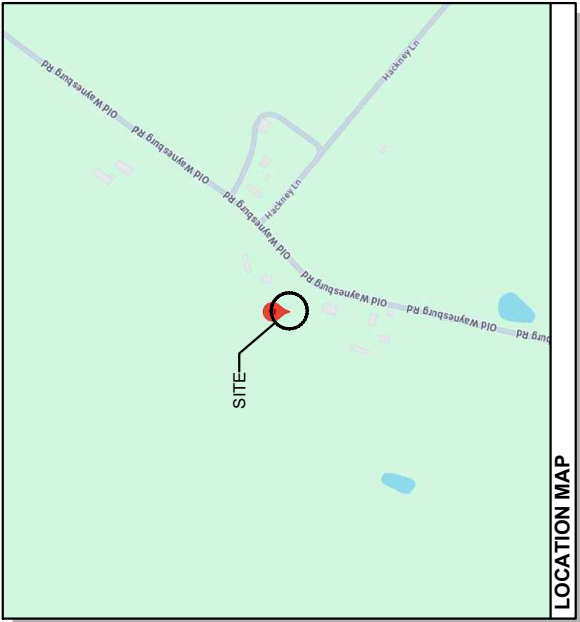
2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

NEW 245'-0" SELF SUPPORT TOWER
w/5'-0" LIGHTNING ROD
TOTAL TOWER HEIGHT 250'-0"

TOWER OWNER SITE LV CANEY CREEK SITE # : KY0010	POLICE SCIENCE HILL POLICE DEPARTMENT TBD TBD PHONE: 606-423-3672
	VERIZON WIRELESS SITE LV CANEY CREEK PROJECT#: 17674828 MARKET ID: LOUISVILLE MDG#: 5000995169
SITE ADDRESS 1705 OLD WAYNESBURG RD EUBANK, KY 42567	VERIZON WIRELESS SITE LV CANEY CREEK PROJECT#: 17674828 MARKET ID: LOUISVILLE MDG#: 5000995169
	VERIZON WIRELESS SITE LV CANEY CREEK PROJECT#: 17674828 MARKET ID: LOUISVILLE MDG#: 5000995169
TOWER OWNER TOWERNORTH 2400 ANSYS DRIVE, SUITE 102 CANONSBURG, PA 15317 CONTACT: JAMES FRANCISCO PHONE: 717-434-5667 E-MAIL: tbd	VERIZON WIRELESS SITE LV CANEY CREEK PROJECT#: 17674828 MARKET ID: LOUISVILLE MDG#: 5000995169
	VERIZON WIRELESS SITE LV CANEY CREEK PROJECT#: 17674828 MARKET ID: LOUISVILLE MDG#: 5000995169
PROPERTY OWNER JEFFERY TODD 3470 N HWY 1247 SOMERSET, KY 42503 CONTACT: JEFFERY TODD PHONE: 606-679-4854 E-MAIL: tbd	VERIZON WIRELESS SITE LV CANEY CREEK PROJECT#: 17674828 MARKET ID: LOUISVILLE MDG#: 5000995169
	VERIZON WIRELESS SITE LV CANEY CREEK PROJECT#: 17674828 MARKET ID: LOUISVILLE MDG#: 5000995169
ALL CONSTRUCTION ITEMS ARE TO BE COMPLETED BY THE TOWER OWNER GENERAL CONTRACTOR UNLESS NOTED AS (VZW GC) WHICH SHALL BE COMPLETED BY THE VERIZON WIRELESS GENERAL CONTRACTOR	
PROJECT SUMMARY	



VICINITY MAP



LOCATION MAP



AERIAL

LV CANEY CREEK

KY00010
1705 OLD WAYNESBURG RD
EUBANK, KY 42567
PULASKI COUNTY
TENANT: LEGAL BUSINESS ENTITY d/b/a VERIZON WIRELESS
"LV CANEY CREEK"

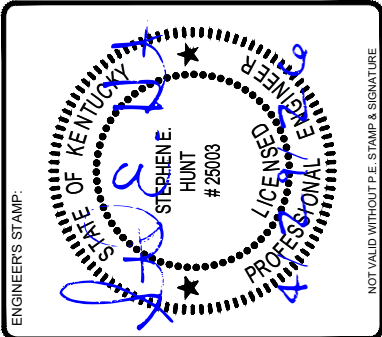
FROM 2441 HOLLOWAY ROAD LOUISVILLE, KY 40298: HEAD TOWARD PLANTSIDE DR. (367 FT) TURN LEFT AT THE 1ST CROSS STREET ONTO PLANTSIDE DR. (0.9 MI) USE THE LEFT 2 LANES TO TURN LEFT ONTO BLANKENBAKER PKWY. (0.7 MI) USE THE RIGHT LANE TO TAKE THE RAMP ONTO I-64 E. (0.3 MI) FOLLOW I-64 E TO KY-151 S IN FRANKLIN COUNTY. TAKE EXIT 48 FROM I-64 E. (30.2 MI) MERGE ONTO I-64 E. (30.4 MI) MERGE ONTO KY-151 S. (6.6 MI) CONTINUE ON US-127 S. TAKE US-27 S TO KY-70 E IN PULASKI COUNTY. (69.6 MI) TURN RIGHT ONTO US-127 S. (20.3 MI) USE THE LEFT 2 LANES TO TURN LEFT ONTO US-127/US-127 BYP S. CONTINUE TO FOLLOW US-127. (4.5 MI) USE ANY LANE TO TURN LEFT ONTO US-127 S. (4.5 MI) CONTINUE ONTO US-127 BYP S. (6.3 MI) CONTINUE ONTO US-150 BYP S/DANVILLE BYPASS. (2.3 MI) CONTINUE ONTO US-150 E. (7.5 MI) TURN RIGHT ONTO KY-70 E. DRIVE TO OLD WAYNESBURG RD. (2.9 MI) TURN LEFT ONTO KY-70 E. (2.4 MI) TURN RIGHT ONTO OLD WAYNESBURG RD. DESTINATION WILL BE ON THE RIGHT. (0.4 MI)

FROM 10 N MAIN ST. SOMERSET, KY 42501: HEAD TOWARD W MT VERNON ST. (23 FT) TURN RIGHT ONTO W MT VERNON ST. (0.3 MI) CONTINUE ONTO OHIO ST. (0.5 MI) TURN RIGHT ONTO US-27 N. (13.1 MI) TURN RIGHT ONTO KY-70 E. (2.4 MI) TURN RIGHT ONTO OLD WAYNESBURG RD. DESTINATION WILL BE ON THE RIGHT. (0.4 MI)

PROJECT DESCRIPTION: NOTE: ALL ITEMS WITHIN THESE CONSTRUCTION DOCUMENTS ARE BY TOWER OWNERS GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS UNLESS NOTED AS (VZW GC) WHICH SHALL BE COMPLETED BY THE VERIZON WIRELESS GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS. GENERALLY DESCRIBED BELOW:	
TOWER OWNER SCOPE: • INSTALL A NEW 245'-0" SELF SUPPORT TOWER w/ 5'-0" LIGHTNING ROD (TOTAL 250'-0") • INSTALL A NEW 10' TOWER FOUNDATION SYSTEM • INSTALL A NEW 66'-0" X65'-0" FENCED GRAVEL COMPOUND • INSTALL A NEW ELECTRICAL SERVICE RUN TO SITE UTILITY H-FRAME • INSTALL A NEW GRAVEL ACCESS DRIVE • NO WATER OR SEWAGE SERVICES RUN TO SITE • INSTALL NEW TOWER & SITE GROUNDING SYSTEM • INSTALL A NEW VZW CONCRETE EQUIPMENT AND GENERATOR PADS • INSTALL VZW ICE BRIDGE AND FOUNDATIONS • INSTALL VZW EQUIPMENT H-FRAME AND FOUNDATIONS • INSTALL ELECTRICAL SERVICE CONDUIT WITH PULL TAPES FROM VZW ILC STUB-UP LOCATION TO THE UTILITY H-FRAME • GENERATOR STUB-UP AT VZW GENERATOR PAD • INSTALL (2) 1'-1/4" SMOOTHWALL SDR-11 HDPE FIBER OPTIC CONDUITS W/PULL TAPES AND TRACER WIRE FROM "VERIZON WIRELESS ONLY" HAND HOLE OUTSIDE COMPOUND TO VZW EQUIPMENT PAD • INSTALL (3) NEW "VERIZON WIRELESS ONLY" 1'-1/4" SMOOTHWALL SDR-11 HDPE FIBER OPTIC CONDUITS WITH PULL TAPES AND TRACER WIRE FROM NEW "VERIZON WIRELESS ONLY" 24" X36" R.O.W. HOLE OUTSIDE COMPOUND TO NEW "VERIZON WIRELESS ONLY" 24" X36" 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	
VERIZON WIRELESS SCOPE (VZW GC): • INSTALL VZW PREFABRICATED CANOPY AND FOUNDATIONS • INSTALL VZW ANTENNAS, LINES, COAX, GPS ANTENNA AND RADIO EQUIPMENT • INSTALL VZW ANTENNAS, LINES, COAX, GPS ANTENNA AND RADIO EQUIPMENT • INSTALL EXISTING SUBSURFACE GROUND LEADS TO VZW EQUIPMENT & FACILITIES • INSTALL VZW ELECTRIC SERVICE CONDUITS FROM UTILITY H-FRAME TO VZW ILC ENCLOSURE LOCATION • INSTALL NEW CONDUITS WITH PULL TAPES FROM RF CABINET TO OVP H-FRAME LIT FIBER LOCATION • INSTALL NEW CONDUITS AND CIRCUITS FROM VZW ILC ENCLOSURE TO EQUIPMENT ENCLOSURES AT VZW EQUIPMENT PAD • AT VZW EQUIPMENT PAD • INSTALL VZW GENERATOR CIRCUITS FROM VZW ILC & EQUIPMENT ENCLOSURES TO VZW GENERATOR • INSTALL NEW OUTDOOR OVPs AND CABLING ON VERIZON EQUIPMENT H-FRAME	
PROJECT DESCRIPTION	

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.	
BUILDING CODE STRUCTURAL CODE MECHANICAL CODE ELECTRICAL CODE ELECTRICAL CODE FIRE/LIFE SAFETY CODE ENERGY CODE GAS CODE	2018 KENTUCKY BUILDING CODE (IBC 2015) TIA/EIA-222 - REVISION H 2015 INTERNATIONAL MECHANICAL CODE (IMC 2015) KENTUCKY STATE PLUMBING CODE (815 KAR CHAP. 20) 2015 INTERNATIONAL ELECTRICAL CODE (NEC 2015) 2015 INTERNATIONAL FIRE CODE (2015 IFC) 2012 INTERNATIONAL ENERGY CODE (COMMERCIAL) 2012 NATIONAL FUEL GAS CODE (NFPA 54)
ACCESSIBILITY REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2015 IBC BUILDING CODE.	
APPLICABLE CODES	
SURVEYOR THE LAND CONSULTANTS LLC 2820 15TH AVE SW HUNTSVILLE, AL 35805 PHONE: 423-304-6722	ARCHITECTURAL TELECAD WIRELESS 1961 NORTHPOINT BLVD, STE 130 HIXSON, TN 37343 CONTACT: MATT BATES PHONE: 423-843-9500 EMAIL: matt.bates@telecadeng.com
ELECTRICAL SOUTH KENTUCKY RECC ADDRESS: TBD CONTACT: TBD PHONE: 270-343-7500 EMAIL: TBD	ELECTRICAL UTILITY COORDINATION IS NOT FINALIZED. DO NOT PROCEED WITH CONSTRUCTION.
CONSULTANT TEAM	

SHEET NUMBER	DESCRIPTION
T-1	TITLE SHEET SURVEY PLAN ASR MAP OVERALL SITE PLAN w/AERIAL OVERLAY OVERALL SITE PLAN w/TOWER DISTANCE TO RESIDENTIAL STRUCTURES OVERALL SITE PLAN w/TOWER DISTANCE TO PROPERTY LINES GRADING AND E&S CONTROL PLAN DIMENSIONED SITE PLAN TOWER ELEVATION SITE DETAILS FENCE DETAILS AND NOTES TOWER OWNER SIGNAGE
Z-1	
Z-1A	
Z-2	
Z-3	
Z-4	
Z-5	
Z-6	
Z-7	
Z-8	



NOT VALID WITHOUT P.E. STAMP & SIGNATURE	
SITE NAME: LV CANEY CREEK	
ADDRESS: 1705 OLD WAYNESBURG RD EUBANK, KY 42567	
COUNTY: PULASKI	
LATITUDE: 37° 16' 35.91" N	
LONGITUDE: 84° 36' 30.32" W	
SITE NUMBER: KY00010	
SHEET TITLE: TITLE SHEET	
DRAWING NO. T-1	REVISION: 0

GENERAL NOTES:

- This Survey is prepared exclusively to show site conditions and/or for use in support of instruments related to Leases and Easements as may be shown hereon. Any property boundary information shown hereon is a composite of information gathered from current or previous Surveys, Plat & Deed Description and/or Assessor's Tax Maps as may be referenced hereon. This Survey is not a Boundary Survey of any Tax Parcels or Dead Tracts, and does not create, combine, or divide any existing properties.
- Survey shown hereon was performed under the supervision of a state-registered Land Surveyor and conforms to all applicable State Board Requirements.
- Instruments Used: One or more of: Topcon Total Station, Topcon Hiperlite Plus GPS, Carlson Surveyor Data Collector, DJI UAV.
- Where shown, improvements (utilities, buildings, trees, fences, etc.) are based on field Survey and/or aerial mapping.
- Any Underground Utilities shown according to surface markings made by others, found at time of survey. Additional marked utilities outside the area covered by this survey map may be shown in provided CAD Files. Utility Markings may not be comprehensive, and conditions may change after the time of survey: this survey does not relieve design and construction personnel of the responsibility to determine the locations of underground utilities prior to land disturbance activities. See also 2021 ALTA Standards, page 10, "Note to clients...."
- This Survey is presented in the format required by Clients. Clients are advised that Official Jurisdictions may require the Survey to be presented in another format with additional notes and certifications. In the event other formats, notes or certifications are requested by applicable jurisdictions, it is the responsibility of the Client to request same be prepared by Surveyor. Survey as published is not intended to be suitable for recording as a Subdivision Plat.
- This survey may have been reduced or enlarged in size due to subsequent reproduction. This should be taken into consideration when obtaining scaled data.
- Geographic Coordinates, if published, meet FAA Accuracy Code 1A, and are accurate to within ± 20 feet horizontally and to within ± 3 feet vertically, reference: FAA Order 8260.19K, Section 2-11-3 b.(1).
- Any Flood Zone information presented hereon is according to current FEMA Flood Map information as may be referenced hereon. No Flood Elevation Survey of Certification performed.
- This survey is not valid without the original signature seal of a State-Licensed Land Surveyor, and is not complete without the total of sheets as specified in Survey Title Blocks.
- Unless indicated otherwise by reference to Record Instruments, any Lessee's Leases, Premises or Easements shown hereon are NOT YET OF RECORD and may be subject to change pending review and approval by Carrier, applicable jurisdictions and/or other involved parties.
- Any Survey Markers placed as required by Standards of Practice and/or Client request represent the Leases and/or Easements as requested or designed by Clients at the time of this survey issue and may not reflect changes to site design which have not been communicated to Surveyor in the form of a Survey revision request. Surveyor shall not be liable for any circumstance arising as a result of revisions to Site Design (which may invalidate existing survey markers) occurring after the date of this Survey issue.

SURVEYOR'S CERTIFICATION

To: TowerNorth Development, LLC.
I hereby certify that this survey was completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Kentucky to the best of my knowledge, information, and belief.



Travis L. Shields
Kentucky PLS
License No. 4246

PROPOSED TOWER LOCATION DATA

Latitude: NORTH: 37.276641° 37° 16' 35.91"
Longitude: WEST: 84.608421° 84° 36' 30.32"
Ground Elev: 1107.0 FEET AMSL (NAVD88)
Benchmark: DK3326 KYTH CORS ARP

PARENT TAX PARCEL

JEFFREY H. TODD & MARILYN GROSSMAN
TAX PARCEL: 055-0-1-11

NORTH ORIENTATION

KENTUCKY SOUTH STATE PLANE COORDINATE SYSTEM
Based on GPS Survey relative to NGS CORS Network, NAD83 (2011)
ELEVATION DATUM: NAVD88, GEOID 12B
DATE OF SURVEY: [FieldDate]
Method: RTK (CORS); Confidence Level: 95%
Positional Accuracy: HZ ± 0.10'
EPOCH 2010.0000
Convergence: 0.69232466°; Combined Scale Factor: 0.99989785

FLOOD DATA

FEMA FLOOD MAP PANEL: 21199C0050C, Effective Date: 07-22-2010
Surveyed Area appears to lie within: ZONE X (Areas of Minimal Flood Hazard)

TITLE EXAMINATION:

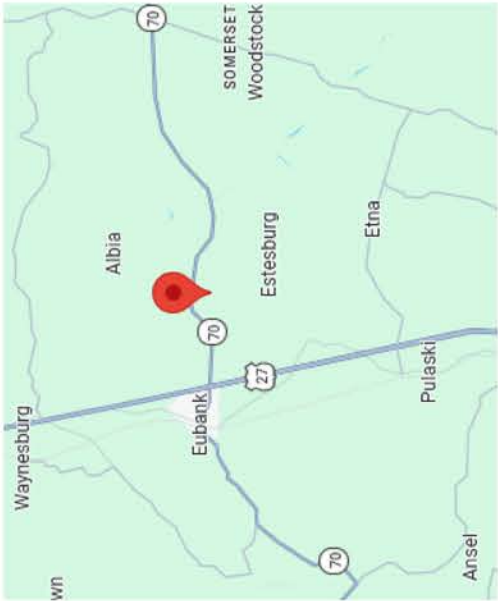
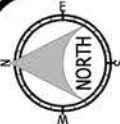
Sheet Sheet #5

SURVEY ISSUE DATA

#	DETAILS	DATE	DRAWN	APP
0	Original Survey Issue	04-20-2026	NB	TLS
1	Update Proposed Tower Center	05-01-2026	NB	TLS

LOCATION MAP

NOT TO SCALE



SURVEY MAP LEGEND

- FENCE POST CORNER
- UTILITY POLE
- TELECOM JUNCTION
- SITE BENCHMARK
- CENTER OF PROPOSED TOWER

- R/W
- C/L
- AU
- ESMT
- P.O.C.
- P.O.B.
- Sq Ft
- RIGHT-OF-WAY
- CENTER LINE
- ACCESS & UTILITY EASEMENT
- POINT OF COMMENCEMENT
- POINT OF BEGINNING
- SQUARE FEET

- PAVEMENT EDGE
- GRAVEL EDGE
- DITCH
- STORMWATER PIPE
- FENCE
- GATE
- OVERHEAD UTILITY LINES
- GUY WIRE
- 5' CONTOURS
- 1' CONTOURS

- PUBLIC R/W
- TAX PARCEL BOUNDARY
- TIE LINE
- PREMISES
- ACCESS/UTIL EASEMENTS

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

SITE SURVEY
LV CANEY CREEK
Site Number: KY0010
Old Waynesburg Road, Eubank, KY 42567
Pulaski County, Kentucky

COVER SHEET

DWG#: 26091
ISSUE #: 1
ISSUE DATE: 05-01-2026
SEE SHEET #1

SHEET
1
OF
5

THE LAND CONSULTANTS
2820 15TH AVE SW
HUNTSVILLE, AL 35805
423-304-6722

PREPARED FOR



TowerNorth
TOWERNORTH
DEVELOPMENT, LLC
2400 Ansys Drive, Suite 102,
Canonsburg, PA 15317

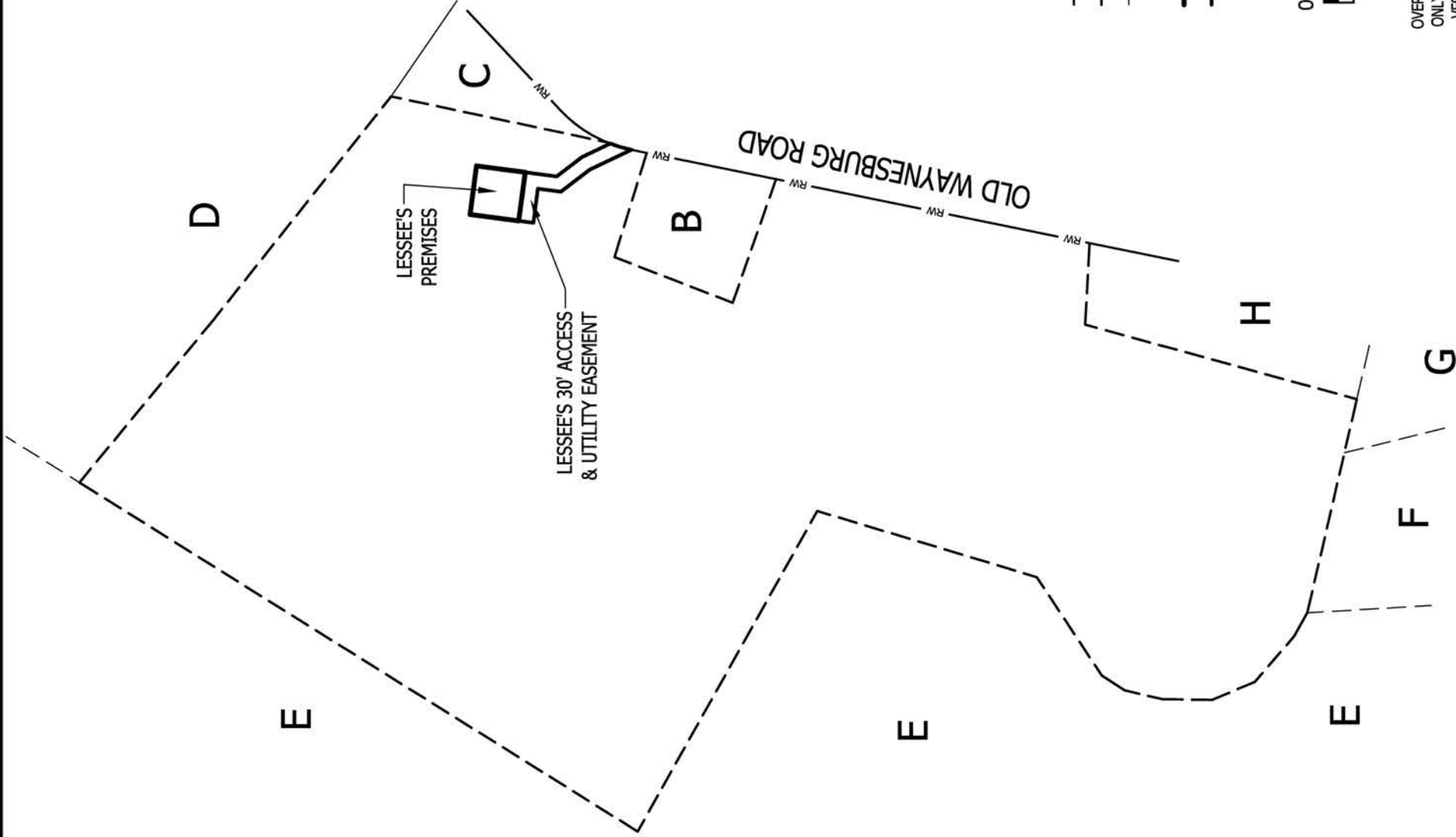
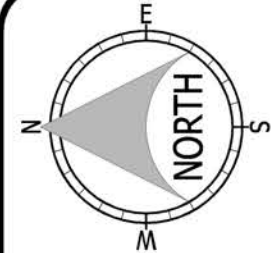
PROPERTY INFORMATION

PARENT TAX PARCEL

- A. JEFFREY H. TODD & MARILYN GROSSMAN
TAX PARCEL: 055-0-1-11
DEED BOOK 458, PAGE 147

ADJOINING TAX PARCELS

- B. MASON & TAYLOR BUMGARDNER
TAX PARCEL: 055-0-1-11.1
DEED BOOK 935, PAGE 393
PLAT CABINET E, SLIDE 268D
- C. BOBBY & REGINA ASHLEY
TAX PARCEL: 055-0-1-10
DEED BOOK 917, PAGE 202
- D. DONALDSON INVESTMENTS. LLC
TAX PARCEL: 055-0-2-43.2
DEED BOOK 1086, PAGE 471
PLAT CABINET G, SLIDE 295B
- E. JUNE W. TODD TRUST
TAX PARCEL: 055-0-1-07
DEED BOOK 927, PAGE 642
PLAT CABINET E, SLIDE 346C
- F. KIMBERLY RUTH ADAMS
TAX PARCEL: 055-0-1-13
DEED BOOK 1021, PAGE 135
- G. TAMMY OCONNOR
TAX PARCEL: 055-0-1-13.1
DEED BOOK 987, PAGE 677
- H. DOROTHY F. ARN
TAX PARCEL: 055-0-1-29
DEED BOOK 986, PAGE 35



OVERVIEW MAP LEGEND

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

APPROX SCALE: 1in = 300'



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



THE
LAND CONSULTANTS
LLC
2820 15TH AVE SW
HUNTSVILLE, AL 35805
423-304-6722

PREPARED FOR



TowerNorth
TOWERNORTH
DEVELOPMENT, LLC
2400 Anslys Drive, Suite 102,
Canonsburg, PA 15317

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

SITE SURVEY
LV CANEY CREEK

Site Number: KY0010

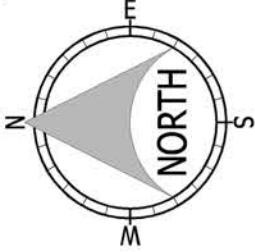
Old Waynesburg Road, Eubank, KY 42567

Pulaski County, Kentucky

OVERVIEW MAP

DWG#: 26091
ISSUE #: 1
ISSUE DATE: 05-01-2026
SEE SHEET #1

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OF
5



KENTUCKY SOUTH
STATE PLANE



THE LAND CONSULTANTS
2820 15TH AVE SW
HUNTSVILLE, AL 35805
423-304-6722



TowerNorth
TOWNORTH
DEVELOPMENT, LLC
2400 Anslys Drive, Suite 102,
Canonsburg, PA 15317

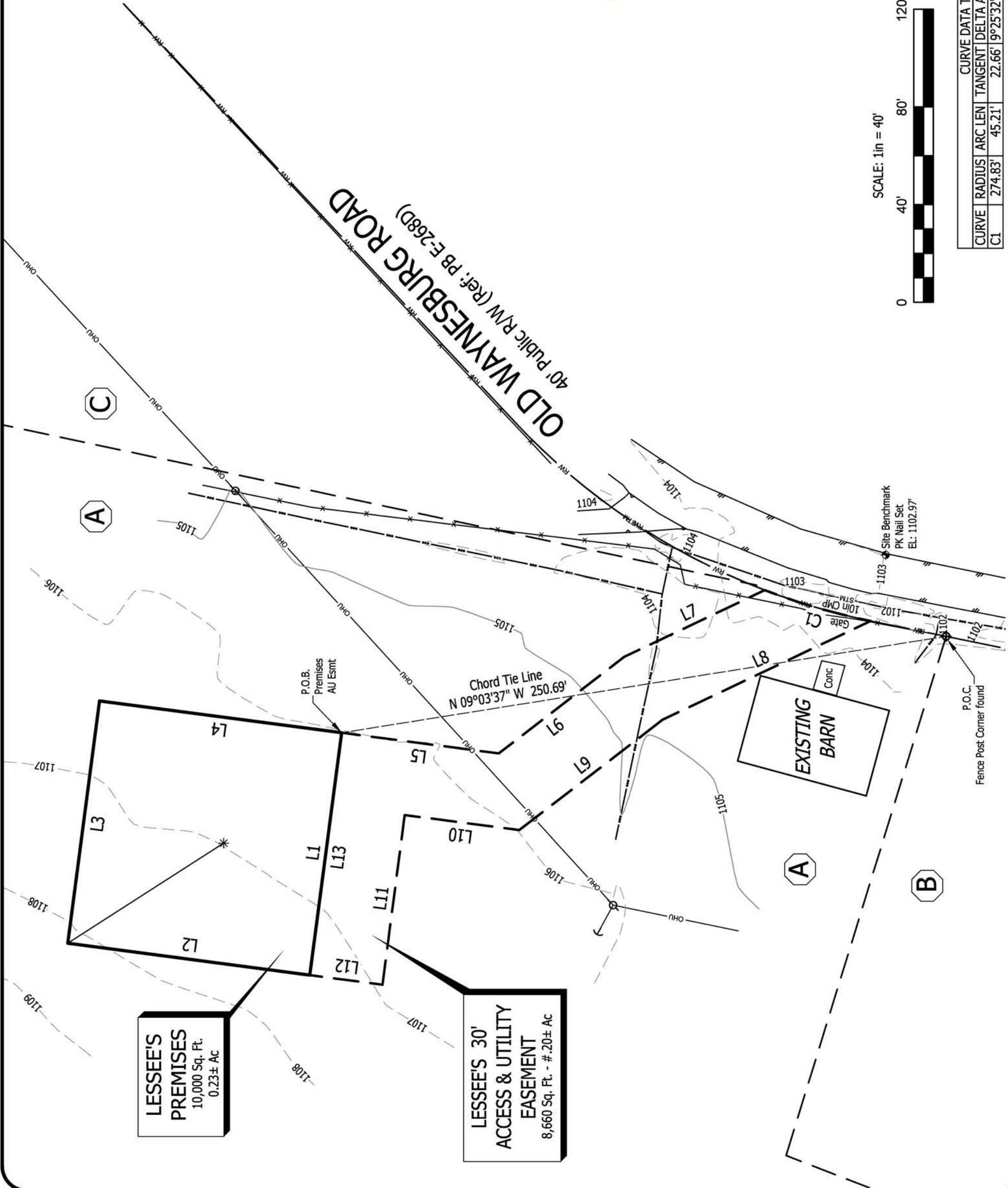
PREPARED FOR

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SITE SURVEY
LV CANEY CREEK
Site Number: KY0010
Old Waynesburg Road, Eubank, KY 42567
Pulaski County, Kentucky

DWG#: 26091
ISSUE #: 1
ISSUE DATE: 05-01-2026
SEE SHEET #1

SHEET
3
OF
5



STATE OF KENTUCKY

TRAVIS L. SHIELDS
05/01/26
4246

Licensed Professional Land Surveyor

LINE DATA TABLE		
LINE	BEARING	DISTANCE
L1	N 82°30'50" W	100.00'
L2	N 07°29'10" E	100.00'
L3	S 82°30'50" E	100.00'
L4	S 07°29'10" W	100.00'
L5	S 07°29'10" W	64.91'
L6	S 37°34'26" E	64.81'
L7	S 25°23'52" E	63.73'
L8	N 25°23'52" W	94.28'
L9	N 37°34'26" W	74.11'
L10	N 07°30'47" E	47.32'
L11	N 82°30'50" W	69.99'
L12	N 07°29'10" E	30.00'
L13	S 82°30'50" E	100.00'

CURVE DATA TABLE				
CURVE	RADIUS	ARC LEN	TANGENT	DELTA ANGLE
C1	274.83'	45.21'	22.66'	9°25'32"
			S 16°13'51" W	45.16'



LESSEE'S PREMISES

All that tract or parcel of land lying and being in Pulaski County, Kentucky, and being a portion of the property of Jeffrey H. Todd and Marylyn Grossman, of record in Deed Book 458, Page 147, Pulaski County Clerk's Office, and being more particularly described as follows:

COMMENCE at a Fence Post Corner at the Northeast Corner of the property of record in Plat Cabinet E, Slide 268D;
Thence along a Chord Tie Line having a Bearing of N 09°03'37" W, a distance of 250.69 feet to the POINT OF BEGINNING;

Thence N 82°30'50" W, a distance of 100.00 feet;
Thence N 07°29'10" E, a distance of 100.00 feet;
Thence S 82°30'50" E, a distance of 100.00 feet;
Thence S 07°29'10" W, a distance of 100.00 feet to the POINT OF BEGINNING.

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

LESSEE'S 30' ACCESS & UTILITY EASEMENT

All that tract or parcel of land lying and being in Pulaski County, Kentucky, and being a portion of the property of Jeffrey H. Todd and Marylyn Grossman, of record in Deed Book 458, Page 147, Pulaski County Clerk's Office, and being more particularly described as follows:

COMMENCE at a Fence Post Corner at the Northeast Corner of the property of record in Plat Cabinet E, Slide 268D;
Thence along a Chord Tie Line having a Bearing of N 09°03'37" W, a distance of 250.69 feet to the POINT OF BEGINNING;

Thence S 07°29'10" W, a distance of 64.91 feet;
Thence S 37°34'26" E, a distance of 64.81 feet;
Thence S 25°23'52" E, a distance of 63.73 feet to a point on the Eastern Right-of-Way Line of Old Waynesburg Road ;
Thence along said Right-of-Way Line and with a curve to the left with an arc length of 45.21 feet, with a radius of 274.83 feet, with a chord bearing of S 16°13'51" W, with a chord length of 45.16 feet;
Thence N 25°23'52" W, leaving said Right-of-Way Line, a distance of 94.28 feet;
Thence N 37°34'26" W, a distance of 74.11 feet;
Thence N 07°30'47" E, a distance of 47.32 feet;
Thence N 82°30'50" W, a distance of 69.99 feet;
Thence N 07°29'10" E, a distance of 30.00 feet;
Thence S 82°30'50" E, a distance of 100.00 feet to the POINT OF BEGINNING.

Said Easement contains 0.20 Acres (8,660 Square Feet), more or less.



THE
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LLC
2820 15TH AVE SW
HUNTSVILLE, AL 35805
423-304-6722

PREPARED FOR



TowerNorth
TOWERNORTH
DEVELOPMENT, LLC
2400 Anslys Drive, Suite 102,
Canonsburg, PA 15317

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

SITE SURVEY
LV CANEY CREEK

Site Number: KY0010

Old Waynesburg Road, Eubank, KY 42567

Pulaski County, Kentucky

DESCRIPTIONS

DWG#: 26091
ISSUE #: 1
ISSUE DATE: 05-01-2026
SEE SHEET #1

SHEET
4
OF
5

TITLE EXAMINATION

Reference: Equity Report, prepared by AMC Settlement Services, Order Number: 50039816, Effective Date: 03-08-2026.

Sections: Mortgages, etc; Judgments / liens; UCC; No instruments Listed.

Section: Exceptions:

Item 1: Plat Cabinet E, Slide 268D: Plat of lands no longer part of Parent Tax Parcel, includes no matters relevant to Survey Area.

Item 2: Item does not refer to any recorded instrument. Not subject to Survey Mapping.

TITLE EXAM DESCRIPTION OF PARENT TAX PARCEL

ALL THAT PARCEL OF LAND IN THE CITY OF EUBANKS IN THE COUNTY OF PULASKI AND COMMONWEALTH OF KENTUCKY AS MORE FULLY DESCRIBED IN DEED BOOK 458 PAGE 147 AND PARCEL # 055-0-01-11, BEING KNOWN AND DESIGNATED AS: "SEE DEED COPY ATTACHED FOR FULL LEGAL DESCRIPTION". EXCEPTING AND RESERVING THEREFROM THAT POPERTY CONVEYED FROM JEFFREY H. TODD AND ALINE TODD, HIS WIFE, AND MARILYN GROSSMAN AND ROBERT GROSSMAN, HER HUSBAND RO GEORGE WHITSON AND RHONDA WHITSON, HUSBAND AND WIFE, JOINTLY, FOR AND DURING THEIR NATIONAL LIVES WITH THE REMAINDER IN FEE SIMPLE, BY DEED OF CONVEYANCE DATED 08/07/2013, RECORDED 11/13/2015 IN BOOK 907, PAGE 81, PULASKI COUNTY RECORDS.

PARCEL NUMBER: 055-0-01-11

BY FEE SIMPLE DEED FROM ALMA GILLILAND TODD, UNREMARRIED WIDOW OF J. C. TODD AS SET FORTH IN DEED BOOK / PAGE : 458 / 147, DATED 05/20/1987 AND RECORDED 05/21/1987, PULASKI COUNTY RECORDS, STATE OF KENTUCKY.



THE
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HUNTSVILLE, AL 35805
423-304-6722

PREPARED FOR



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

SITE SURVEY
LV CANEY CREEK

Site Number: KY0010

Old Waynesburg Road, Eubank, KY 42567

Pulaski County, Kentucky

TITLE

DWG#: 26091
ISSUE #: 1
ISSUE DATE: 05-01-2026
SEE SHEET #1

SHEET
5
OF
5

PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



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

DRAWING NOTICE:
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.

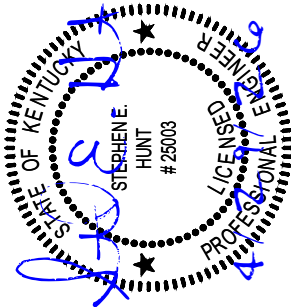
DRAWN BY: MDR

CHECKED BY: DS

REVISIONS

NO.	DATE	BY	DESCRIPTION
0	04/28/26	MDR	ZONING ISSUE
A	04/15/26	MDR	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

LV CANEY CREEK

ADDRESS:

1705 OLD WAYNESBURG RD
EUBANK, KY 42567

COUNTY:

PULASKI

LATITUDE:

37° 16' 35.91" N

LONGITUDE:

84° 36' 30.32" W

SITE NUMBER:

KY0010

SHEET TITLE:

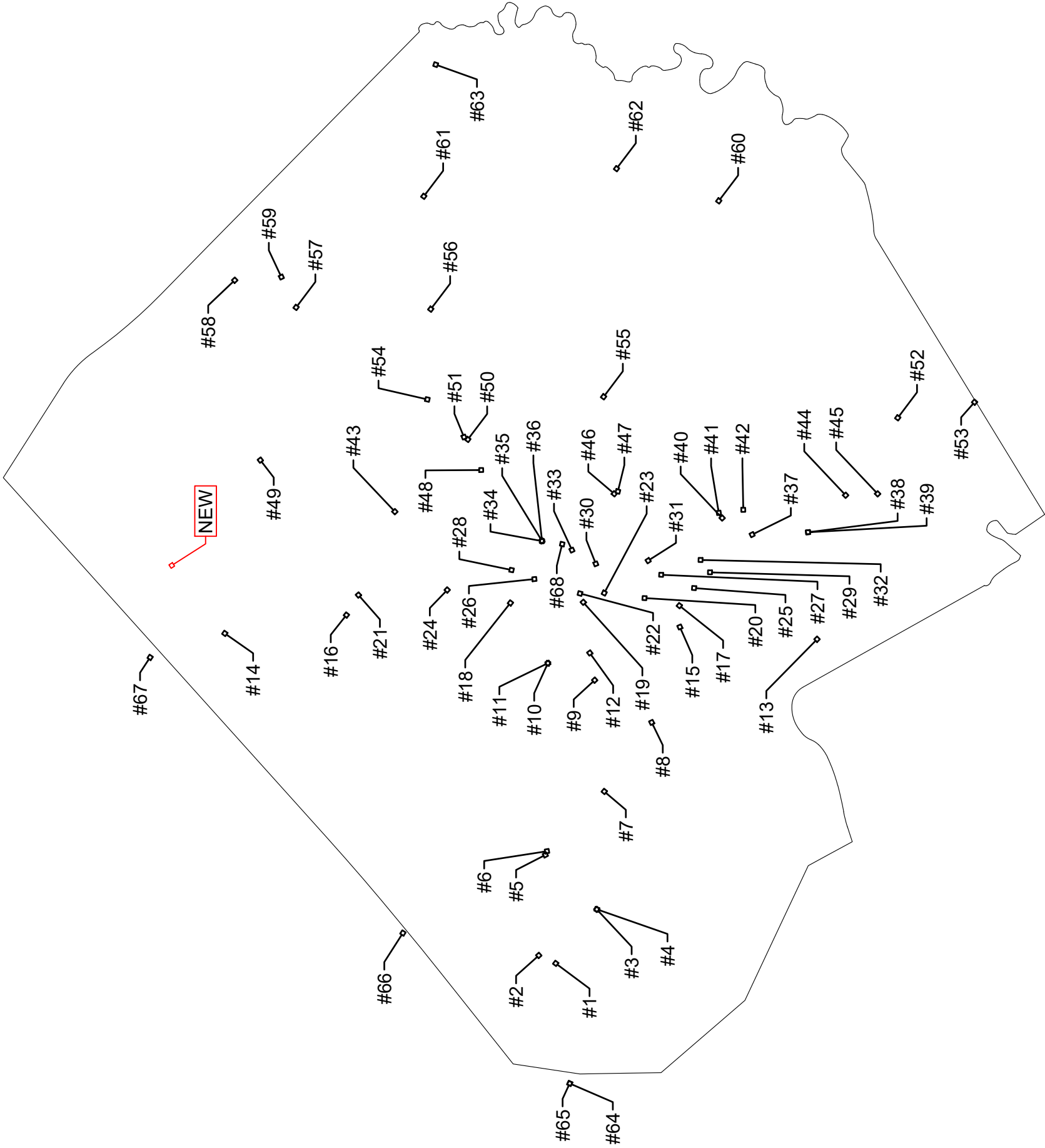
OVERALL SITE PLAN

DRAWING NO.

ASR

REVISION:

0



PULASKI COUNTY

27

FCC REGISTERED TOWERS				
TOWER	TOWER OWNER	ASR	LATITUDE	LONGITUDE
NEW	TOWERNORTH	TBD	37°16'35.2302"N	84°36'29.9262"W
1	CELLCO PARTNERSHIP	1250184	37°5'46.4"N	84°50'33.9"W
2	AMERICAN TOWERS LLC	1289960	37°6'13.8"N	84°50'17.6"W
3	K-LOVE, INC.	1250130	37°4'36.3"N	84°48'38.8"W
4	AMERICAN TOWERS LLC	1203424	37°4'42.3"N	84°48'36.8"W
5	SBA INFRASTRUCTURES, LLC	1247464	37°6'3.7"N	84°46'43.5"W
6	UNITI TOWERS LLC	1316046	37°6'0.8"N	84°46'36.4"W
7	APC TOWERS IV, LLC	1332978	37°4'24.8"N	84°44'30.2"W
8	CELLCO PARTNERSHIP	1251910	37°3'4.7"N	84°42'4.5W
9	VERTICAL BRIDGE CC FM, LLC	1043118	37°4'38.9"N	84°40'37.2"W
10	UNITI TOWERS LLC	1316998	37°5'58.3"N	84°40'2.5"W
11	SBA INFRASTRUCTURE, LLC	1231891	37°5'59.9"N	84°39'58.9"W
12	F.T.G. BROADCASTING, INC	1264631	37°4'50.6"N	84°39'38.5"W
13	CELLULAR PHONE OF KENTUCKY, INC. DBA = RAMCELL	1043628	36°58'25.5"N	84°39'8.8"W
14	CELLCO PARTNERSHIP	1250182	37°1'54.9"N	84°38'58.4"W
15	RURAL CELLULAR CORPORATION	1303154	37°2'20.5"N	84°38'42.2"W
16	GLOBAL TOWER, LLC. THROUGH AMERICAN TOWERS, LLC	1229869	37°1'1'39.7"N	84°38'18.2"W
17	NEW CINGULAR WIRELESS PCS, LLC	1314542	37°2'18.3"N	84°37'57.4"W
18	VB BTS, II, LLC	1321398	37°7'5.7"N	84°37'53.7"W
19	NORFOLK SOUTHERN CORPORATION	1035924	37°5'0.0"N	84°37'52.0"W
20	NEW CINGULAR WIRELESS PCS, LLC	1317834	37°3'16.7"N	84°37'43.5"W
21	EAST KENTUCKY POWER COOPERATIVE, INC	1237226	37°1'1'19.3"N	84°37'36.3"W
22	CITY OF SOMERSET	1300944	37°5'6.4"N	84°37'33.3"W
23	SBA PROPERTIES, LLC	1230577	37°4'26.3"N	84°37'31.2"W
24	CELLCO PARTNERSHIP	1253989	37°8'48.9"N	84°37'25.1"W
25	CELLCO PARTNERSHIP	1250175	37°1'54.0"N	84°37'23.0"W
26	EPPERSON AIR CONDITIONING & HEATING	1204492	37°6'22.2"N	84°37'2.7"W
27	NEW CINGULAR WIRELESS PCS, LLC	1319263	37°2'49.6"N	84°36'52.9"W
28	VB-S1 ASSETS, LLC	1043674	37°7'3.0"N	84°36'42.0"W
29	US ARMY CORP OF ENGINEERS	1289486	37°1'24.6"N	84°36'50.1"W
30	NORFOLK SOUTHERN CORPORATION	1208691	37°4'40.4"N	84°36'30.8"W
31	TILLMAN INFRASTRUCTURE, LLC	1329213	37°3'12.5"N	84°36'22.9"W
32	VB-S1 ASSETS, LLC	1043676	37°1'46.6"N	84°36'22.9"W
33	OUTREACH FOR JESUS	1291343	37°5'12.3"N	84°36'7.7"W

FCC REGISTERED TOWERS				
TOWER	TOWER OWNER	ASR	LATITUDE	LONGITUDE
34	GLOBAL TOWERS, LLC. THROUGH AMERICAN TOWERS, LLC	1235212	37°6'12.0"N	84°35'46.0"W
35	MOBILE COMMUNICATIONS AMERICA, INC	1047989	37°6'10.0"N	84°35'45.0"W
36	TOWERCO V HOLDINGS LLC	1043979	37°6'13.3"N	84°35'39.5"W
37	EAST KENTUCKY POWER COOPERATIVE, INC	1234158	37°0'16.3"N	84°35'30.8"W
38	CELLCO PARTNERSHIP	1251434	36°58'40.4"N	84°35'27.50"W
39	SBA TOWERS III LLC	1260942	36°58'40.0N	84°35'24.9"W
40	SBA INFRASTRUCTURES, LLC	1043977	37°1'3.4"N	84°34'55.5"W
41	SBA INFRASTRUCTURES, LLC	1234225	37°1'12.7"N	84°34'43.7"W
42	EAST KENTUCKY POWER COOPERATIVE, INC	1044514	37°0'30.0"N	84°34'40.0"W
43	CELLCO PARTNERSHIP	1272282	37°10'16.6"N	84°34'38.9"W
44	VERTICAL BRIDGE CC FM, LLC	1043677	36°57'38.0"N	84°34'7.0"W
45	SBA INFRASTRUCURES, LLC	1232715	36°56'43.9"N	84°34'4.5"W
46	SBA TOWERS III LLC	1260416	37°4'6.8"N	84°34'5.7"W
47	UNITI TOWERS LLC	1316984	37°4'0.1"N	84°34'0.9"W
48	SOMERSET EDUCATIONAL BROADCASTING FOUNDATION	1051877	37°7'52.0"N	84°33'15.0"W
49	TOWERCO V HOLDINGS LLC	1328459	37°14'4.6"N	84°32'50.4"W
50	AMERICAN TOWERS	1042206	37°8'16.0"N	84°32'7.9"W
51	AMERICAN TOWERS LLC	1279127	37°8'25.1"N	84°32'6.1"W
52	VERTICAL BRIDGE CC FM, LLC	1043677	36°57'38.0"N	84°34'7.0"W
53	SBA TOWERS III LLC	1260689	36°53'59.9"N	84°30'50.0"W
54	SBA TOWERS IX, LLC	1312272	37°9'22.7"N	84°30'42.7"W
55	CELLCO PARTNERSHIP	1263386	37°4'25.9"N	84°30'38.1"W
56	VERTICAL BRIDGE CC FM, LLC	1043675	37°9'16.0"N	84°27'35.0"W
57	CELLCO PARTNERSHIP	1250183	37°13'3.8"N	84°27'29.0"W
58	AMERICAN TOWERS LLC	1018905	37°14'47.9"N	84°26'28.5"W
59	HEMPHILL CORPORATION	1232562	37°13'27.2"N	84°26'25.3"W
60	KENTUCKY, COMMONWEALTH OF DBA = KY EMERGENCY WARNING SYSTEMS KEWS	1044797	37°1'13.4"N	84°23'42.6"W
61	AMERICAN TOWERS LLC	1230266	37°9'26.4"N	84°23'34.2"W
62	SOUTH KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION	1043456	37°4'3.5"N	84°22'37.1"W
63	AMERICAN TOWERS LLC	1229865	37°9'7.6"N	84°18'58.8"W
64	SBA INFRASTRUCTURES, LLC	1232264	37°5'19.7"N	84°54'47.3"W
65	UNITI TOWERS LLC	1318405	37°5'25.3"N	84°54'43.8"W
66	KENTUCKY AUTHORITY OF EDUCATIONAL TELEVISION DBA WKSO TV	1044043	37°10'3.0"N	84°49'30.0"W
67	AMERICAN TOWERS LLC	1047763	37°17'9.6"N	84°39'48.6"W
68	KENTUCKY, COMMONWEALTH OF DBS = EMERGENCY WARNING SYSTEMS KEWS	1219832	37°5'35.3"N	84°35'47.8"W

PREPARED FOR:



TowerNorth

2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



TeleCAD
Wireless

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

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DRAWN BY:

MDR

CHECKED BY:

DS

REVISIONS

0	04/28/26	MDR	ZONING ISSUE	
A	04/15/26	MDR	PRELIMINARY REVIEW	
NO.	DATE	BY	DESCRIPTION	

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SHEET TITLE:

OVERALL SITE PLAN

DRAWING NO.

ASR-1

REVISION:

0

SITE INFORMATION NOTES:

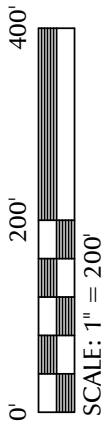
1. THIS PAGE WAS CREATED USING GOOGLE EARTH IMAGERY DATED: 3/12/24 AND HAS NOT BEEN VERIFIED WITH AN ACTUAL SURVEY. ALL DIMENSIONS ARE ESTIMATED AND ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL INFORMATION AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. PROPERTY LINES AND PROPERTY OWNER INFORMATION WAS COMPILED FROM INFORMATION FROM PULASKI COUNTY PROPERTY VALUATION ADMINISTRATOR (PVA) (DATED: 04/13/26).

- TODD JEFFREY & MARILYN GROSSMAN**
A
OLD WAYNESBURG RD
MAILING: 3470 N HWY 1247
PARCEL: 055-0-01-11
- BUMGARDNER MASON & TAYLOR**
B
1665 OLD WAYNESBURG RD
MAILING: 1665 OLD WAYNESBURG RD
EUBANK, KY 42567
PARCEL: 055-0-1-11.1
- ASHLEY BOBBY & REGINA**
C
1775 OLD WAYNESBURG RD
MAILING: 240 FLOYD SWITCH SPUR
EUBANK, KY 42567
PARCEL: 055-0-1-10
- ARN DOROTHY F**
D
1460 OLD WAYNESBURG RD
MAILING: 1460 OLD WAYNESBURG RD
EUBANK, KY 42567
PARCEL: 055-0-1-29
- LUNDY RENTAL LLC**
E
OLD WAYNESBURG RD
MAILING: 302 JEFFERSON AVE
CINCINNATI, OH 45217
PARCEL: 055-0-1-29.2
- OCOONOR TAMMY**
F
1375 OLD WAYNESBURG RD
MAILING: 1375 OLD WAYNESBURG RD
EUBANK, KY 42567
PARCEL: 055-0-1-13.1
- ADAMS KIMBERLY RUTH**
G
1325 OLD WAYNESBURG RD
MAILING: 1325 OLD WAYNESBURG RD
EUBANK, KY 42567
PARCEL: 055-0-1-13
- TODD JUNE W FARM REV LIV TR**
H
C/O JUNE W TODD TRUSTEE
1647 E HWY 70
MAILING: 11891 N HWY 27
EUBANK, KY 42567
PARCEL: 055-0-1-07
- DONALDSON INVESTMENTS LLC**
I
1843 OLD WAYNESBURG RD
MAILING: 1518 ALLEN RD
WAYNESBURG, KY 40489
PARCEL: 055-0-2-43.2
- WARREN FANNY ANN**
J
1820 OLD WAYNESBURG RD
MAILING: 1820 OLD WAYNESBURG RD
EUBANK, KY 42567
PARCEL: 055-0-1-32.1
- LUNDY RENTAL PROPERTIES LLC**
K
OLD WAYNESBURG RD
MAILING: 302 JEFFERSON AVE
CINCINNATI, OH 45217
PARCEL: 055-0-1-32.2



PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UTILITY LOCATING SERVICE (811) WORKING DAYS BEFORE COMMENCING WORK.

OVERALL SITE PLAN
w/AERIAL OVERLAY



APWA UTILITY COLOR CODES

	PROPOSED CONSTRUCTION
	TEMPORARY SURVEY MARKINGS
	ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES
	GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS
	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT
	POTABLE WATER
	RECLAIMED WATER, IRRIGATION AND SLURRY LINES
	SEWERS AND DRAIN LINES

PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



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

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DRAWN BY:

MDR

CHECKED BY:

DS

REVISIONS

NO.	DATE	BY	DESCRIPTION
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A	04/15/26	MDR	PRELIMINARY REVIEW

ENGINEER'S STAMP:



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LV CANEY CREEK

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EUBANK, KY 42567

COUNTY:

PULASKI

LATITUDE:

37° 16' 35.91" N

LONGITUDE:

84° 36' 30.32" W

SITE NUMBER:

KY0010

SHEET TITLE:

OVERALL SITE PLAN

DRAWING NO.

Z-1

REVISION:

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PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
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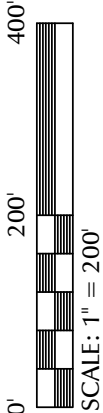
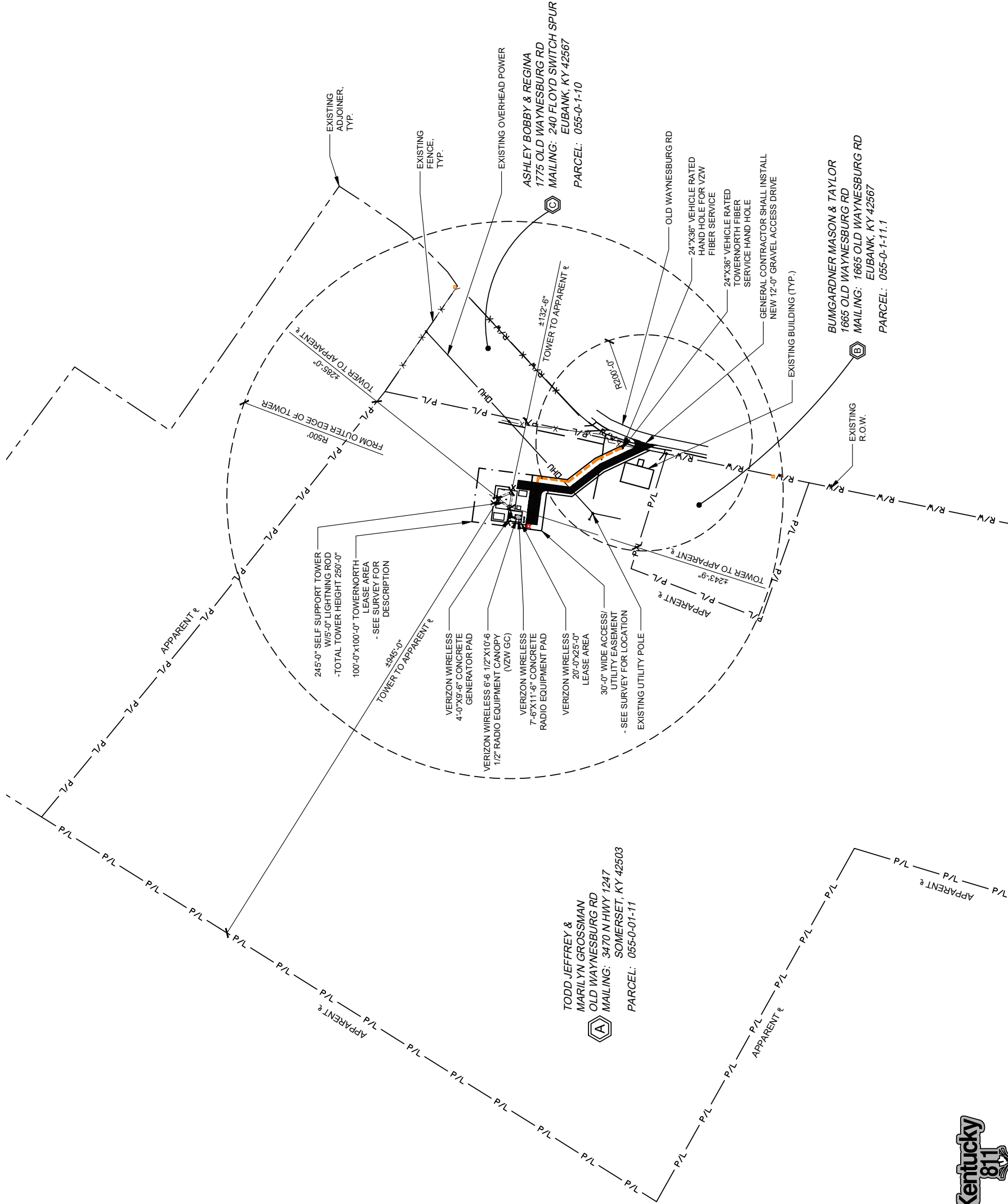
OVERALL SITE PLAN

DRAWING NO.

Z-2

REVISION:

0



OVERALL SITE PLAN w/TOWER
DISTANCE TO PROPERTY LINES



Call Monday thru Friday -- 7 am. to 6 pm.
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE
LAW TO EXCAVATE WITHOUT NOTIFYING THE
KENTUCKY 811 CENTER (800-752-6007) 72
HOURS IN ADVANCE BEFORE COMMENCING WORK.

PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



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

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LV CANEY CREEK

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LATITUDE:

37° 16' 35.91" N

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KY0010

SHEET TITLE:

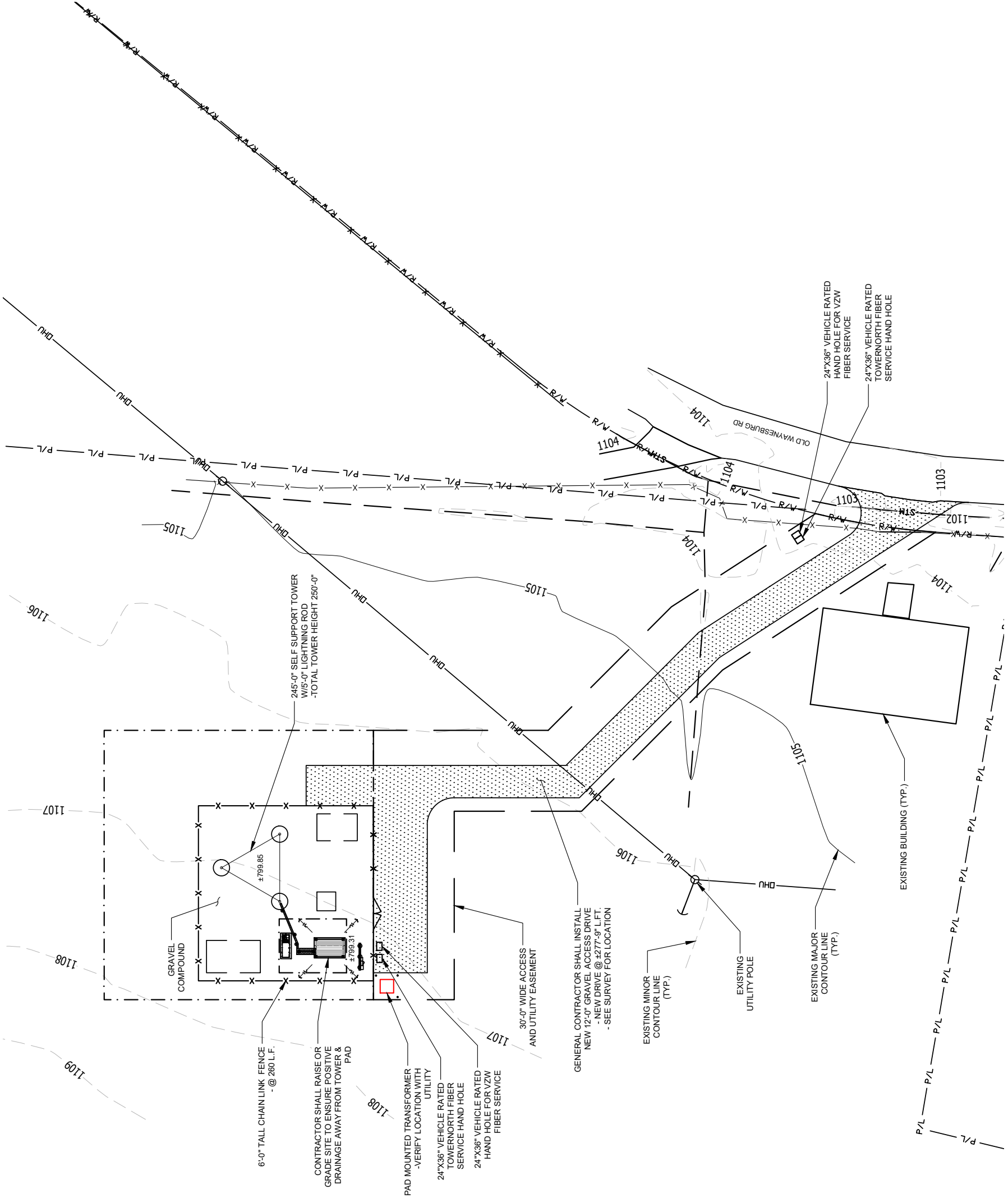
GRADING AND E&S
CONTROL PLAN

DRAWING NO.

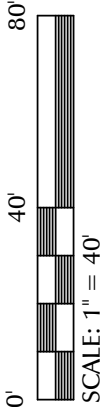
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REVISION:

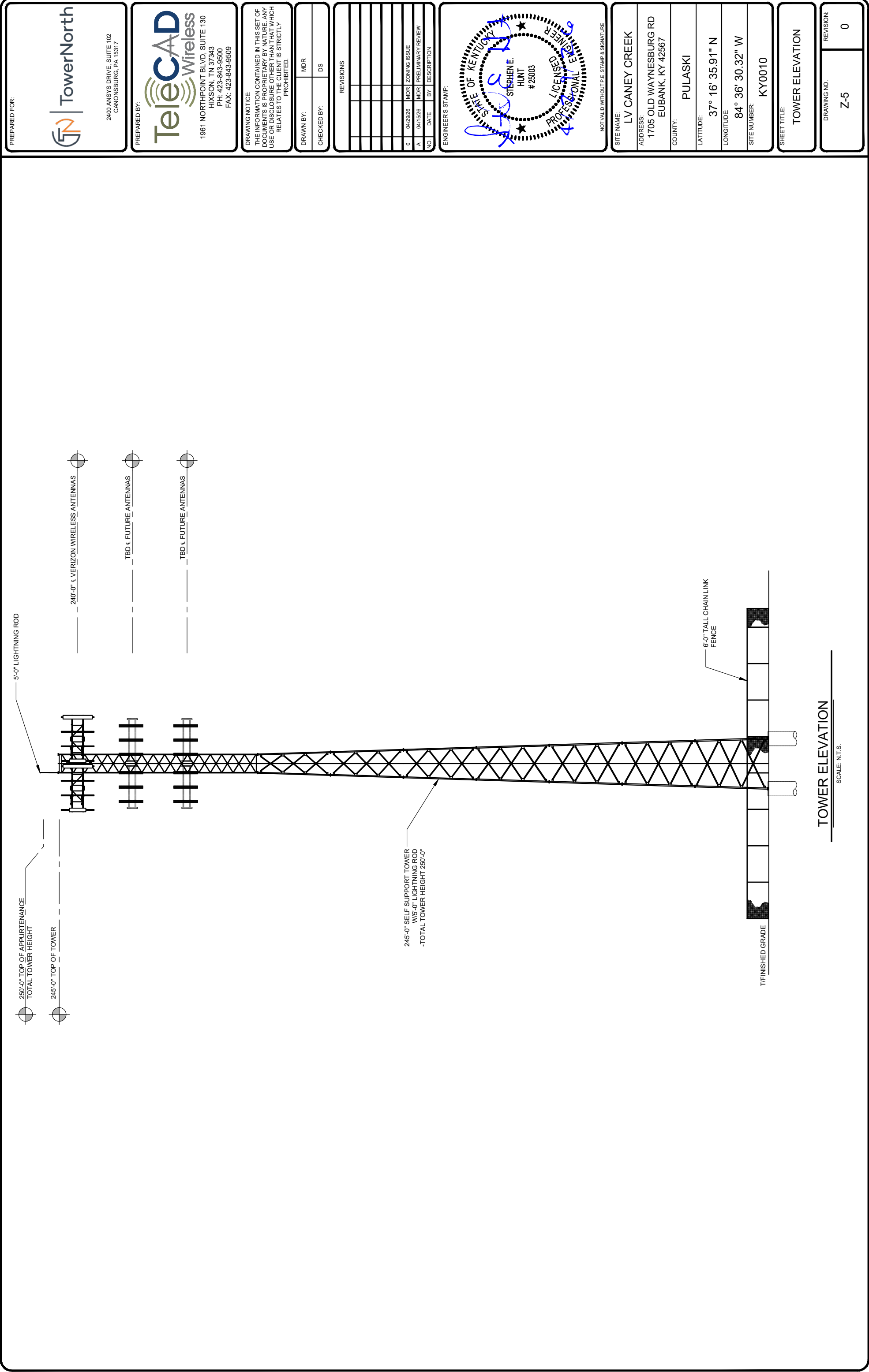
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GRADING AND E&S CONTROL PLAN



Call Monday thru Friday -- 7 am. to 6 pm.
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE
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COMMONWEALTH OF KENTUCKY (800-752-6007)
WORKING DAYS BEFORE COMMENCING WORK.



PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
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SITE NUMBER:

KY0010

SHEET TITLE:

TOWER ELEVATION

TOWER ELEVATION

SCALE: N.T.S.

DRAWING NO.

Z-5

REVISION:

0

PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

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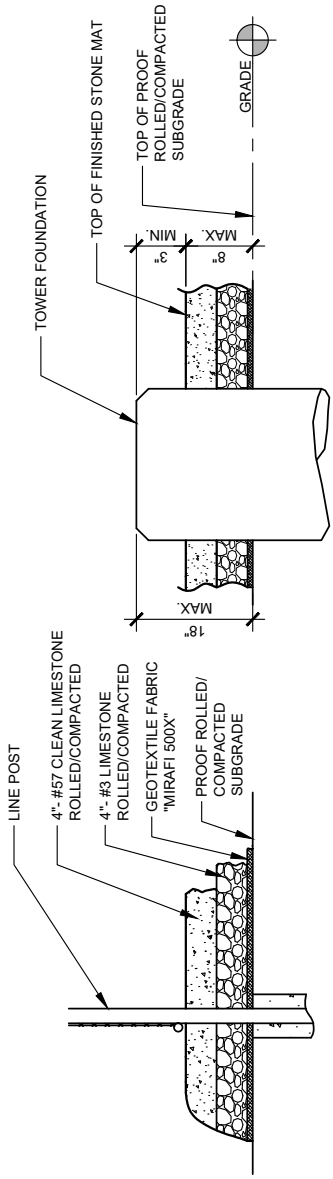
SITE DETAILS

DRAWING NO.

Z-6

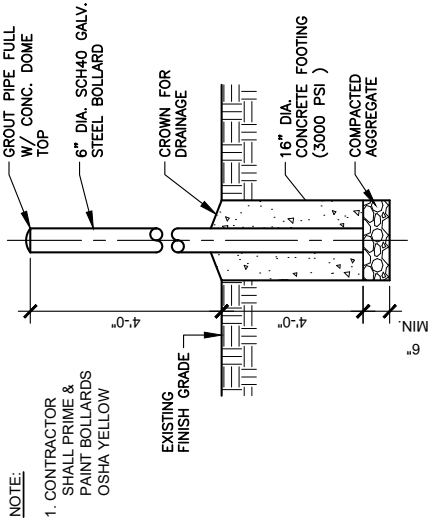
REVISION:

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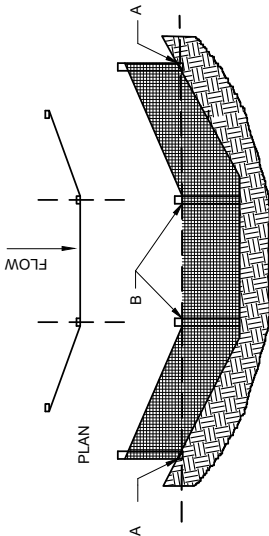
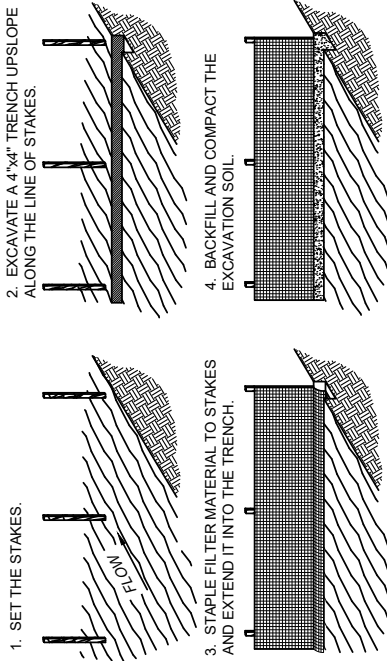
PARTIAL COMPOUND SECTION

SCALE: N.T.S.



BOLLARD DETAIL

SCALE: N.T.S.

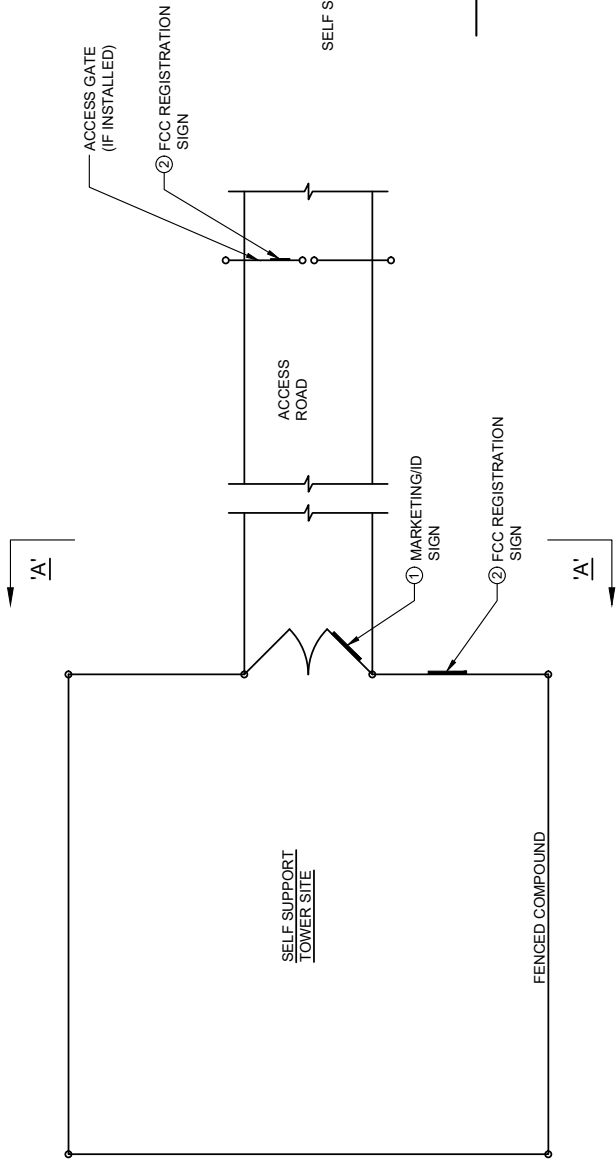


SILT FENCE DETAIL

SCALE: N.T.S.

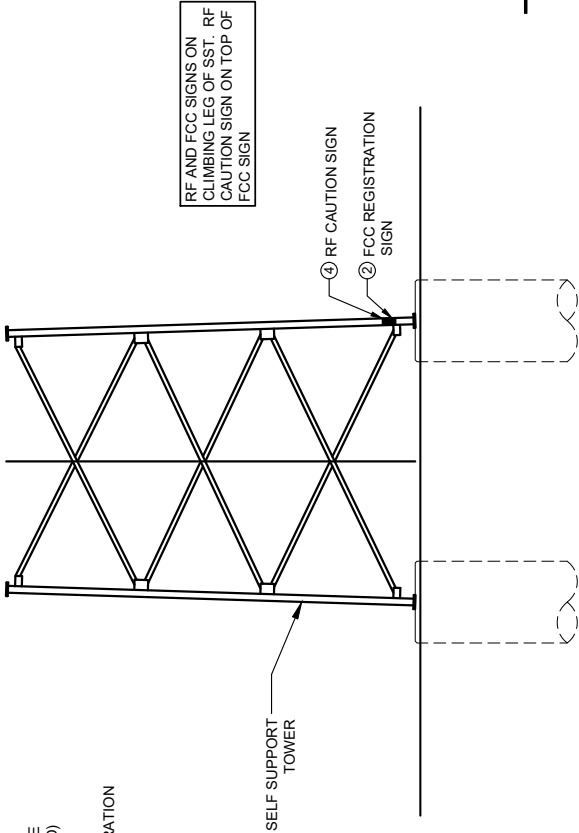
NOTES:

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 RFE SIGNAGE & DEMARCATION POLICY.



TYPICAL SITE FENCE SIGNAGE PLAN

SCALE: N. T. S.



TYPICAL TOWER SIGNAGE PLAN

SCALE: N. T. S.



MARKETING/ID SIGN

18" WIDE x 12" HIGH



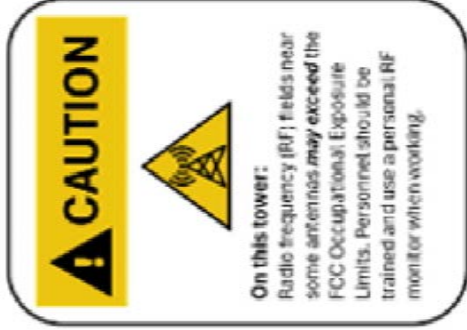
FCC REGISTRATION SIGN

12" WIDE x 8" HIGH



AUTHORIZED PERSONNEL SIGN

14" WIDE x 10" HIGH



RFE CAUTION SIGN

14" WIDE x 10" HIGH

PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



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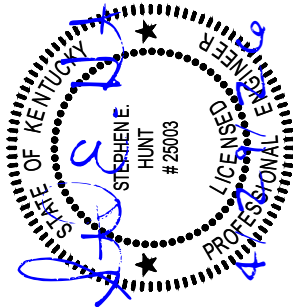
DRAWN BY: MDR

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KY0010

SHEET TITLE:

TOWER OWNER SIGNAGE

DRAWING NO.

Z-8

REVISION:

0



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

DATE: AUGUST 20, 2026

PURCHASER: TOWERNORTH DEVELOPMENT, LLC

PROJECT: 245FT RTL SELF SUPPORT TOWER
LV CANEY CREEK, KY

FILE NUMBER: 252675

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

Allen Schneider
08/20/2026

A circular professional engineer seal for the State of Kentucky. The outer ring contains the text "STATE OF KENTUCKY" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by a star on the right. The inner circle contains the text "ALLEN SCHNEIDER" and "37506" in the center, with "LICENSED" at the bottom.

Products for a Growing World of Technology®



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

August 20, 2026

TowerNorth Development, LLC
750 W Center Street
W Bridgewater, MA 02379

Attn: Antoine Saintonge

Reference: 245 FT RTL Tower
LV Caney Creek, KY
252675

To Whom It May Concern,

The referenced Tower is designed to meet the specified loading requirements in accordance with ANSI/TIA-222-I for a 105 mph 7-22 Ultimate Wind Speed with no ice and a 37 mph 3-second gust wind speed with 1.0 inches radial ice, Risk Category II, Exposure Category C, and Topographic Category 1.

It is our understanding that the design of the referenced Tower requires consideration of a contained fall radius in the event that a catastrophic wind speed would result in collapse. Although the Tower will not be designed to fail, stronger sections where required by analysis are provided in the lower sections of the Tower. This will result in an increased safety factor in the lower sections of the Tower. This design will enable the Tower to fail through a combination of bending and buckling in the upper portion of the Tower under a catastrophic wind loading. Failure in this manner would result in the upper portion of the Tower folding over the lower portion, resulting in a fall radius no greater than 30 feet.

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

Sincerely,

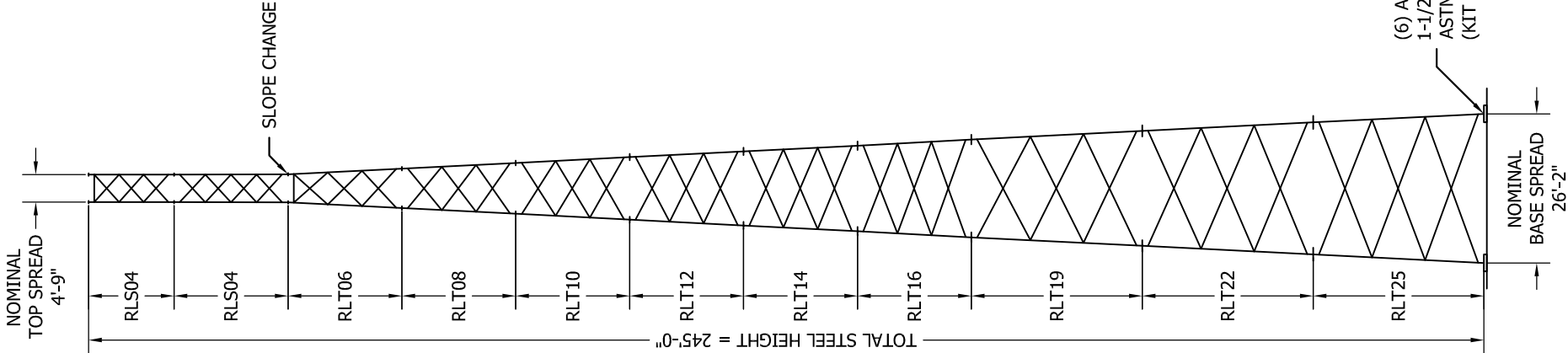

08/20/2026


Allen Schneider, P.E.
Senior Design Engineer

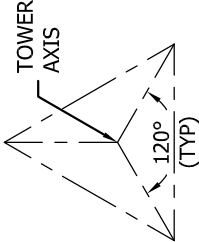
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GENERAL NOTES

1. ROHN PRODUCTS, LLC TOWER DESIGNS CONFORM TO ANSI/TIA-222-1 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-222-1 AND MUST BE VERIFIED BY OTHERS PRIOR TO INSTALLATION.
3. ANTENNAS AND LINES LISTED IN TOWER DESIGN LOADING TABLE ARE PROVIDED BY OTHERS UNLESS OTHERWISE SPECIFIED.
4. STEP BOLTS ARE PROVIDED AS A CLIMBING FACILITY FOR THE INSTALLATION OF THE STRUCTURE.
5. TOWER MEMBER DESIGN DOES NOT INCLUDE STRESSES DUE TO ERECTION SINCE ERECTION EQUIPMENT AND CONDITIONS ARE UNKNOWN. DESIGN ASSUMES COMPETENT AND QUALIFIED PERSONNEL WILL ERECT THE TOWER.
6. WORK SHALL BE IN ACCORDANCE WITH ANSI/TIA-222-1, "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-222-1.
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-222-1.
16. DESIGN ASSUMES LEVEL GRADE AT TOWER SITE.
17. DESIGN ASSUMES ALL ANTENNAS ARE MOUNTED SYMMETRICALLY TO MINIMIZE TORQUE, IF APPLICABLE.
18. FOUNDATIONS SHALL BE DESIGNED TO SUPPORT THE REACTIONS SHOWN FOR THE CONDITIONS EXISTING AT THE SITE.
19. TOWER DESIGN INCLUDES CONSIDERATION OF A CONTAINED FALL RADIUS EQUAL TO 30 FT BY PROVIDING STRONGER SECTIONS WHERE REQUIRED BY ANALYSIS IN THE LOWER PORTION OF THE TOWER.
20. FOUNDATIONS ARE DESIGNED NOT TO EXCEED 80% OF MAXIMUM STRUCTURAL CAPACITY.



MAXIMUM FACTORED REACTIONS				
COMPRESSION PER LEG	=	405.3	KIPS	
TENSION PER LEG	=	345.1	KIPS	
SHEAR PER LEG	=	34.9	KIPS	
TOTAL SHEAR	=	56.8	KIPS	
TOTAL O.T.M	=	8,572.6	FT-KIPS	



TOWER CONFIGURATION
N.T.S.

TOWER DESIGN LOADING

DESIGN WIND LOAD PER ANSI/TIA-222-1 USING THE FOLLOWING DESIGN CRITERIA:
RISK CATEGORY: II
BASIC WIND SPEED (NO ICE): 105 MPH PER ASCE 7-22
BASIC WIND SPEED (W/ICE): 37 MPH PER ASCE 7-22
DESIGN ICE THICKNESS: 1.00 INCHES PER ASCE 7-22
GROUND ELEVATION, Zs: 1,107 FT
EXPOSURE CATEGORY: C
TOPOGRAPHIC METHOD: 1 , CATEGORY: 1
SEISMIC DESIGN PARAMETERS , Ss: 0.270, Si: 0.110, Ti: 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
240	35,000 SQ-IN [K _A = 0.8] + MOUNTS [240 SQFT MAX EPA]	(8) 1-5/8"
227	30,000 SQ-IN [K _A = 0.8] + MOUNTS [212 SQFT MAX EPA]	(8) 1-5/8"
216	20,000 SQ-IN [K _A = 0.8] + MOUNTS [157 SQFT MAX EPA]	(8) 1-5/8"

SECTION MAIN MEMBER SCHEDULE			
SECTION	LEGS	DIAGONALS	HORIZONTALS
RLS04	PIPE 2.875x0.203	L1 3/4x1 3/4x1/8 (3)	L1 3/4x1 3/4x3/16 (1)
RLS04	PIPE 3.500x0.300	L2x2x3/16 (4)	N/A
RLT06	PIPE 4.500x0.337	L2x2x3/16 (3)	L1 3/4x1 3/4x3/16 (1)
RLT08	PIPE 5.563x0.375	L2x2x3/16 (3)	N/A
RLT10	PIPE 5.563x0.375	L2x2x3/16 (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 1/2x3/16 (3)	N/A
RLT16	PIPE 6.625x0.432	L2 1/2x2 1/2x3/16 (3)	N/A
RLT19	PIPE 8.625x0.375	L3x3x3/16 (3)	N/A
RLT22	PIPE 8.625x0.375	L3 1/2x3 1/2x1/4 (3)	N/A
RLT25	PIPE 8.625x0.500	L4x4x1/4 (3)	N/A

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

FILE NO.

252675

REVISIONS			
REV	DESCRIPTION	DWN	CHK APP
1	ADDED NOTE #20	AS	SY AS
DATE: 08/20/2026			

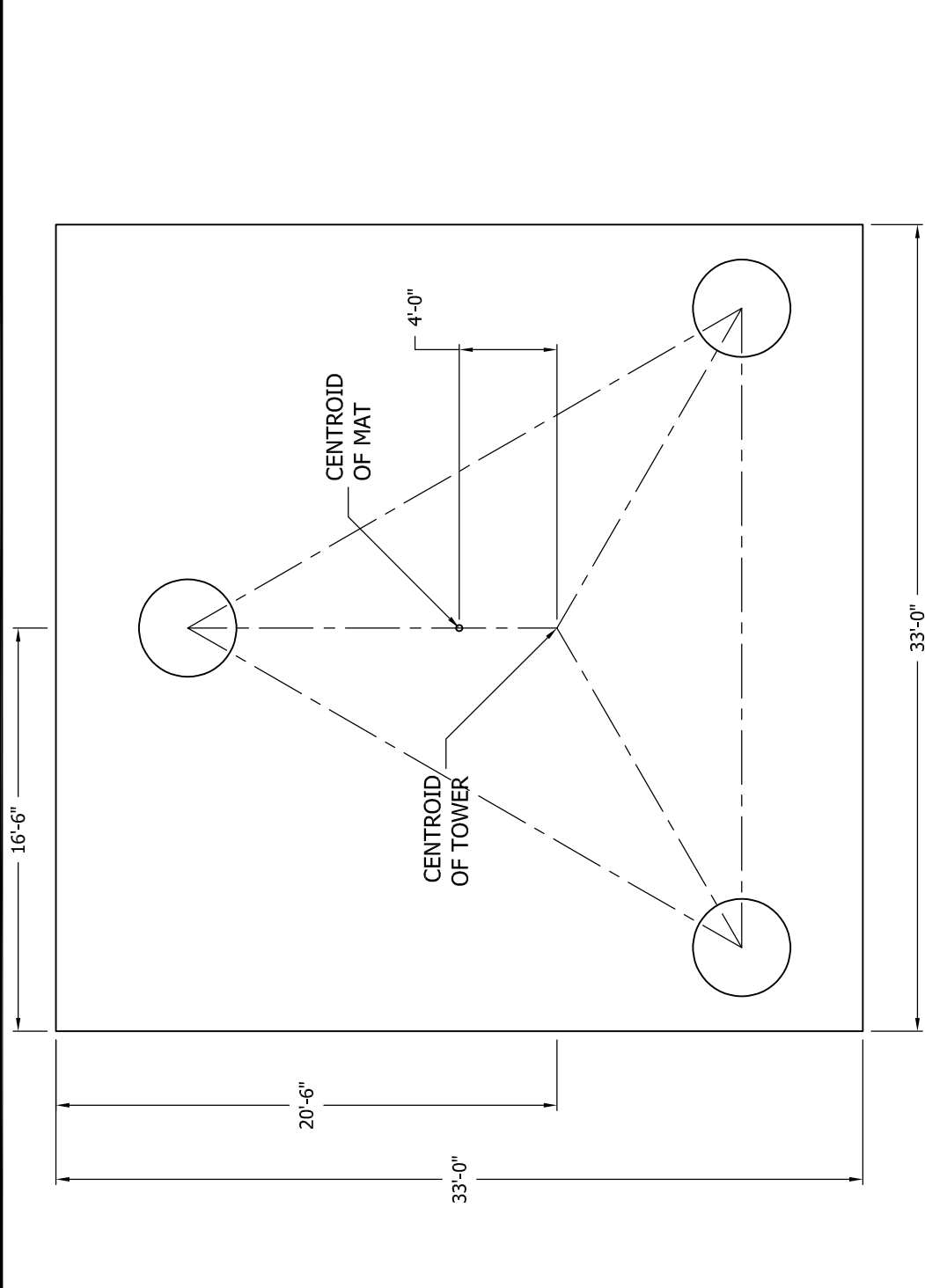


PO BOX 5999
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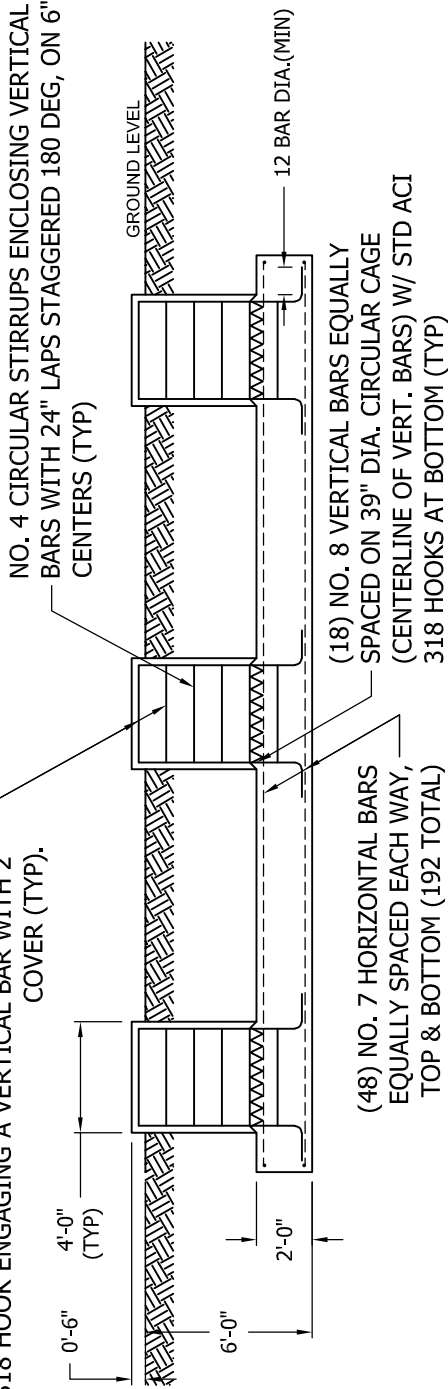
TOWERNORTH DEVELOPMENT, LLC
DESIGN PROFILE
245 FT RTL TOWER
LV CANEY CREEK, KY

DWN: AS	CHK'D: SY	DATE: 07/23/2026
ENGR:	AS	SHEET #: 1 OF 1
PRJ. ENGR:	AS	PRJ. MANAGR:
DRAWING NO:	252675-01-D1	
REV:	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 =	8,572.6 FT-K
Total Tower Wt =	67.8 KIPS
Total Shear =	56.8 KIPS
Max. Shear/Leg =	34.9 KIPS
Max. Ten./Leg =	345.1 KIPS
Max. Comp./Leg =	405.3 KIPS

CONCRETE VOLUME

ROUND PIERS	6.3 CU.YDS
PAD	80.7 CU.YDS
TOTAL	86.9 CU.YDS

GENERAL NOTES

- 1 FOUNDATION DESIGN HAS BEEN DEVELOPED IN ACCORDANCE WITH GENERALLY ACCEPTED PROFESSIONAL ENGINEERING PRINCIPLES AND PRACTICES WITHIN THE LIMITS OF THE SUBSURFACE DATA PROVIDED. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT THE FOLLOWING DESIGN PARAMETERS ARE NOT APPLICABLE FOR THE SUBSURFACE CONDITIONS ENCOUNTERED.
A) ULTIMATE SOIL BEARING PRESSURE AT 6 FT DEPTH = 15,000 PSF.
B) GROUND WATER TABLE IS AT OR BELOW FOUNDATION DEPTH.
C) MAXIMUM FROST PENETRATION DEPTH LESS THAN FOUNDATION DEPTH.
- 2 WORK SHALL BE IN ACCORDANCE WITH THE PROJECT CONSTRUCTION DOCUMENTS, LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
- 3 CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
- 4 PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI IN 28 DAYS.
- 5 MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 3/4 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING. WORKABILITY AND METHODS OF CONSOLIDATION SUCH AS VIBRATING SHALL BE UTILIZED TO PREVENT HONEYCOMBS OR VOIDS.
- 6 REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SPLICES IN REINFORCEMENT SHALL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
- 7 WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
- 8 MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3 INCH MINIMUM COVER ON REINFORCEMENT.
- 9 CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES NOR BE LESS THAN 2 INCHES.
- 10 FOUNDATION DESIGN ASSUMES STRUCTURAL BACKFILL TO BE COMPACTED IN 8 INCH MAXIMUM LAYERS TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D1557. ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 110 POUNDS PER CUBIC FOOT.
- 11 FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT NO. **262333** DATED **08/13/2026** BY **G2 CONSULTING GROUP, LLC**.
- 12 FOUNDATION DEPTH INDICATED IS BASED ON THE GRADE LINE DESCRIBED IN THE REFERENCED GEOTECHNICAL REPORT. FOUNDATION MODIFICATION MAY BE REQUIRED IN THE EVENT CUT OR FILL OPERATIONS HAVE TAKEN PLACE SUBSEQUENT TO THE GEOTECHNICAL INVESTIGATION.
- 13 FOUNDATION DESIGN ASSUMES THE RECOMMENDATIONS IN THE REFERENCED GEOTECHNICAL REPORT CONCERNING VERIFICATION OF SUBSURFACE CONDITIONS ARE IMPLEMENTED PRIOR TO PLACEMENT OF CONCRETE.
- 14 FOUNDATION INSTALLATION SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
- 15 ALL CONSTRUCTION AND SAFETY EQUIPMENT AND TEMPORARY SUPPORTS REQUIRED FOR CONSTRUCTION SHALL BE DETERMINED, FURNISHED AND INSTALLED BY THE CONTRACTOR BASED ON THE MEANS AND METHODS CHOSEN BY THE CONTRACTOR. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED BY COMPETENT, QUALIFIED AND TRAINED PERSONNEL.
- 16 FOUNDATION DESIGN ASSUMES INSTALLATION PROCEDURES WILL INCORPORATE THE PROCEDURES RECOMMENDED IN THE REFERENCED GEOTECHNICAL REPORT.
- 17 FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
- 18 FOR FOUNDATION AND ANCHOR TOLERANCES SEE ANCHOR ROD LAYOUT DRAWING.
- 19 LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. SIDES OF EXCAVATION SHALL BE ROUGH AND FREE OF LOOSE CUTTINGS.
- 20 CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
- 21 CONCRETE PREFERABLY SHALL BE PLACED AGAINST UNDISTURBED SOIL. WHEN FORMS ARE NECESSARY, THEY SHALL BE REMOVED PRIOR TO PLACING STRUCTURAL BACKFILL.
- 22 CONSTRUCTION JOINTS, IF REQUIRED AT THE BASE OF THE PIERS, SHALL BE INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 1/4 INCH. FOUNDATION DESIGN ASSUMES NO OTHER CONSTRUCTION JOINTS.
- 23 TOP OF FOUNDATION SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH.
- 24 EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" X 3/4" MINIMUM.

FILE NO.		252675	
REV		REVISIONS	
DESCRIPTION		DWN	CHK APP

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PO BOX 5999
PEORIA, IL 61601-5999
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TOWERNORTH DEVELOPMENT, LLC
MAT W/RAISED PIERS
FOUNDATION DESIGN
LV CANEY CREEK, KY

DWN:	AS	CHK'D:	SY	DATE:	08/20/2026
ENGR:	AS		SHEET #:	1 OF 1	
PRJ. ENGR:	AS		PRJ. MANG'R:		
DRAWING NO:	252675-01-F1				REV: 0



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Contract: 252675

Project: 245 FT RTL TOWER

Date and Time: 7/23/2026 3:24:52 PM

Revision: 0

Site: LV CANEY CREEK- KY

Engineer: AS

Section A: PROJECT DATA

ENGINEERING
CHECKED BY: SY
07/23/2026

Project Title: 245 FT RTL TOWER
Customer Name: TOWNORTH DEVELOPMENT- LLC
Site: LV CANEY CREEK- KY
Contract No.: 252675
Revision: 0
Engineer: AS
Date: Jul 23 2026
Time: 03:22:04 PM

Design Standard: ANSI/TIA-222-I-2024

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: 1107.00 (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): 105.00(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): 37.00(mph)
Directionality Factor Kd: 0.85
Wind Load Importance Factor Iw: 1.00
Ice Thickness Importance Factor Ii: 1.00
Ice Thickness: 1.00 (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: 0.270
Spectral response acceleration S1: 0.110
Long-period transition period TL: 12.000



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Contract: 252675

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Date and Time: 7/23/2026 3:24:52 PM

Revision: 0

Site: LV CANEY CREEK- KY

Engineer: AS

Accelaration-based site coefficient Fa: 1.584
Velocity-based site coefficient Fv: 2.380
Design spectral response acceleration Sds: 0.285
Design spectral response acceleration Sd1: 0.175
Seismic analysis method: 1
Fundamental frequency of structure f1: 0.555
Total seismic shear Vs (Kips) : 0.00

Analysis performed using: TowerSoft Finite Element Analysis Program



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Contract: 252675

Project: 245 FT RTL TOWER

Date and Time: 7/23/2026 3:24:52 PM

Revision: 0

Site: LV CANEY CREEK- 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	245.00	265.00	11	313.97	56.99

SECTION GEOMETRY

Sec #	Sec. Name	Elevation		Widths		Legs (lbs)	Brcg. (lbs)	Masses		Sect. (lbs)	Database (lbs)	Brcg. Clear. (in)
		Bottom (ft)	Top (ft)	Bottom (in)	Top (in)			Sec.Brc (lbs)	Int.Brc (lbs)			
11	RLS04*	230.00	245.00	58	57	329	260	0	0	589	0	0.787
10	RLS04	210.00	230.00	58	58	775	505	0	0	1280	0	0.787
9	RLT06	190.00	210.00	83	58	1131	524	0	0	1655	0	0.787
8	RLT08	170.00	190.00	107	83	1565	565	0	0	2130	0	0.787
7	RLT10	150.00	170.00	132	107	1565	654	0	0	2219	0	0.787
6	RLT12*	130.00	150.00	156	132	1717	948	0	0	2665	0	0.787
5	RLT14*	110.00	130.00	180	156	2153	1070	0	0	3224	0	0.787
4	RLT16*	90.00	110.00	206	180	2154	1201	0	0	3355	0	0.787
3	RLT19*	60.00	90.00	242	206	3726	1768	0	0	5493	0	0.787
2	RLT22*	30.00	60.00	278	242	3726	3089	0	0	6814	0	0.787
1	RLT25*	0.00	30.00	314	278	4896	3956	0	0	8852	0	0.787
Total Mass:						23738	14539	0	0	38277	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)
11	3	X	(None)		Yes	5.0	57.2	57.0	(None)	(None)	0.300	0.30
11	2	X	(None)		None	5.0	57.4	57.2	(None)	(None)	0.300	0.30
11	1	X	(None)		None	5.0	57.5	57.4	(None)	(None)	0.300	0.30
10	4	X	(None)		None	5.0	57.7	57.5	(None)	(None)	0.300	0.30
10	3	X	(None)		None	5.0	58.0	57.7	(None)	(None)	0.300	0.30
10	2	X	(None)		None	5.0	58.2	58.0	(None)	(None)	0.300	0.30
10	1	X	(None)		None	5.0	58.4	58.2	(None)	(None)	0.300	0.30
9	3	X	(None)	Yes	6.7	66.7	58.4	(None)	(None)	(None)	0.300	0.30
9	2	X	(None)	None	6.7	75.0	66.7	(None)	(None)	(None)	0.300	0.30
9	1	X	(None)	None	6.7	83.3	75.0	(None)	(None)	(None)	0.300	0.30
8	3	X	(None)	None	6.7	91.3	83.3	(None)	(None)	(None)	0.300	0.30
8	2	X	(None)	None	6.7	99.3	91.3	(None)	(None)	(None)	0.300	0.30
8	1	X	(None)	None	6.7	107.3	99.3	(None)	(None)	(None)	0.300	0.30
7	3	X	(None)	None	6.7	115.6	107.3	(None)	(None)	(None)	0.300	0.30
7	2	X	(None)	None	6.7	123.9	115.6	(None)	(None)	(None)	0.300	0.30
7	1	X	(None)	None	6.7	132.2	123.9	(None)	(None)	(None)	0.300	0.30
6	3	X	(None)	None	6.7	140.2	132.2	(None)	(None)	(None)	0.300	0.30
6	2	X	(None)	None	6.7	148.2	140.2	(None)	(None)	(None)	0.300	0.30
6	1	X	(None)	None	6.7	156.2	148.2	(None)	(None)	(None)	0.300	0.30
5	3	X	(None)	None	6.7	164.2	156.2	(None)	(None)	(None)	0.300	0.30
5	2	X	(None)	None	6.7	172.2	164.2	(None)	(None)	(None)	0.300	0.30
5	1	X	(None)	None	6.7	180.2	172.2	(None)	(None)	(None)	0.300	0.30
4	3	X	(None)	None	6.7	188.8	180.2	(None)	(None)	(None)	0.300	0.30
4	2	X	(None)	None	6.7	197.4	188.8	(None)	(None)	(None)	0.300	0.30
4	1	X	(None)	None	6.7	206.0	197.4	(None)	(None)	(None)	0.300	0.30
3	3	X	(None)	None	10.0	218.0	206.0	(None)	(None)	(None)	0.300	0.30
3	2	X	(None)	None	10.0	230.0	218.0	(None)	(None)	(None)	0.300	0.30
3	1	X	(None)	None	10.0	242.0	230.0	(None)	(None)	(None)	0.300	0.30
2	3	X	(None)	None	10.0	254.0	242.0	(None)	(None)	(None)	0.300	0.30
2	2	X	(None)	None	10.0	266.0	254.0	(None)	(None)	(None)	0.300	0.30
2	1	X	(None)	None	10.0	278.0	266.0	(None)	(None)	(None)	0.300	0.30
1	3	X	(None)	None	10.0	290.0	278.0	(None)	(None)	(None)	0.300	0.30
1	2	X	(None)	None	10.0	302.0	290.0	(None)	(None)	(None)	0.300	0.30



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1	1	X	(None)	None	10.0	314.0	302.0	(None)	(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)												
11/3	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
11/3	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	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	
11/2	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
11/2	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	
11/1	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
11/1	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	
10/4	Leg	PIPE 3.500x0.300	A500	gr.CSTension	5-0.875	A325X						
10/4	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	
											2.000	
10/3	Leg	PIPE 3.500x0.300	A500	gr.CSTension	5-0.875	A325X						
10/3	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	
											2.000	
10/2	Leg	PIPE 3.500x0.300	A500	gr.CSTension	5-0.875	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 3.500x0.300	A500	gr.CSTension	5-0.875	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 4.500x0.337	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	
9/3	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	
9/2	Leg	PIPE 4.500x0.337	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 4.500x0.337	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	5-1.000	A325X						
8/3	Diag	L2x2x3/16	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	5-1.000	A325X						
8/2	Diag	L2x2x3/16	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	5-1.000	A325X						
8/1	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	
											2.000	
7/3	Leg	PIPE 5.563x0.375	A500	gr.CSTension	6-1.000	A325X						
7/3	Diag	L2x2x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	
											2.000	
7/2	Leg	PIPE 5.563x0.375	A500	gr.CSTension	6-1.000	A325X						



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7/2	Diag	L2x2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50
									2.000
7/1	Leg	PIPE 5.563x0.375	A500 gr.CSTension	6-1.000	A325X				
7/1	Diag	L2x2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572 gr.50
									2.000
6/3	Leg	PIPE 6.625x0.340	A500 gr.CSTension	6-1.000	A325X				
6/3	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50
									2.000
6/2	Leg	PIPE 6.625x0.340	A500 gr.CSTension	6-1.000	A325X				
6/2	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50
									2.000
6/1	Leg	PIPE 6.625x0.340	A500 gr.CSTension	6-1.000	A325X				
6/1	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	1-0.625	A325X	1.500	1.250	0.250	A572 gr.50
									2.000
5/3	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.000	A325X				
5/3	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
5/2	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.000	A325X				
5/2	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
5/1	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.000	A325X				
5/1	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
4/3	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.500	A325X				
4/3	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572 gr.50
									2.000
4/2	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.500	A325X				
4/2	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572 gr.50
									2.000
4/1	Leg	PIPE 6.625x0.432	A500 gr.CSTension	6-1.500	A325X				
4/1	Diag	L2 1/2x2 1/2x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.250	0.375	A572 gr.50
									2.000
3/3	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X				
3/3	Diag	L3x3x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.500	0.375	A572 gr.50
									2.000
3/2	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X				
3/2	Diag	L3x3x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.500	0.375	A572 gr.50
									2.000
3/1	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X				
3/1	Diag	L3x3x3/16	A529 gr.50Bolted	2-0.625	A325X	1.125	1.500	0.375	A572 gr.50
									2.000
2/3	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X				
2/3	Diag	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572 gr.50
									2.000
2/2	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X				
2/2	Diag	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572 gr.50
									2.000
2/1	Leg	PIPE 8.625x0.375	A500 gr.CSTension	6-1.500	A325X				
2/1	Diag	L3 1/2x3 1/2x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	1.750	0.375	A572 gr.50
									2.000
1/3	Leg	PIPE 8.625x0.500	A500 gr.CSTension	6-1.500	A325X				
1/3	Diag	L4x4x1/4	A529 gr.50Bolted	2-0.625	A325X	1.125	2.000	0.375	A572 gr.50
									2.000
1/2	Leg	PIPE 8.625x0.500	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
1/1	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



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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	245.00	3/8 CABLE	16.00	0.00	0.00	1	1	Yes		
2	0.00	245.00	RC0.75-Cnd	13.17	60.00	5.00	1	1	No		
3	0.00	240.00	TX Ladder	8.72	60.00	30.00	1	1	No		
4	0.00	240.00	LDF7P-50A	8.72	60.00	30.00	8	1	No		
5	0.00	227.00	TX Ladder	8.72	180.00	150.00	1	1	No		
6	0.00	227.00	LDF7P-50A	8.72	180.00	150.00	8	1	No		
7	0.00	216.00	TX Ladder	8.72	300.00	270.00	1	1	No		
8	0.00	216.00	LDF7P-50A	8.72	300.00	270.00	8	1	No		

Transmission Lines Details

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



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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	245.00	1.00	0.0	0.0	0.00		
2	35,000 SQ-IN + MOUNTS	240.00	1.00	0.0	0.0	0.00		
3	30,000 SQ-IN + MOUNTS	227.00	1.00	0.0	0.0	0.00		
4	20,000 SQ-IN + MOUNTS	216.00	1.00	0.0	0.0	0.00		

POINT LOADS WIND AREAS AND WEIGHTS

No.	Description	Frontal Bare Area (ft^2)	Lateral Bare Area (ft^2)	Frontal Iced Area (ft^2)	Lateral Iced Area (ft^2)	Weight Bare (Kips)	Weight Iced (Kips)	Gh
1	BEACON & LR	5.00	5.00	10.00	10.00	0.25	0.50	0.85
2	35,000 SQ-IN + MOUNTS	240.00	240.00	479.00	479.00	7.00	14.00	0.85
3	30,000 SQ-IN + MOUNTS	212.00	212.00	424.00	424.00	7.00	14.00	0.85
4	20,000 SQ-IN + MOUNTS	157.00	157.00	313.00	313.00	7.00	14.00	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)
105	245.0	14.4	13.8	-0.2	0.67	0.62	0.24
102	240.0	13.7	13.2	-0.2	0.69	0.64	-0.24
99	235.0	12.9	12.5	-0.2	0.67	0.62	0.22
96	230.0	12.2	11.9	-0.2	0.67	0.62	-0.21
93	225.0	11.5	11.2	-0.2	0.64	0.61	0.19
90	220.0	10.9	10.6	-0.2	0.63	0.60	-0.18
87	215.0	10.2	10.0	-0.2	0.59	0.56	0.16
84	210.0	9.6	9.4	-0.1	0.56	0.53	-0.15
81	203.3	8.8	8.6	-0.1	0.51	0.49	0.11
78	196.7	8.1	7.9	-0.1	0.48	0.46	-0.10
75	190.0	7.4	7.3	-0.1	0.44	0.43	0.08
72	183.3	6.8	6.7	-0.1	0.42	0.41	-0.07
69	176.7	6.2	6.1	-0.1	0.39	0.38	0.06
66	170.0	5.7	5.6	-0.1	0.37	0.36	-0.05
63	163.3	5.2	5.1	-0.1	0.34	0.33	0.05
60	156.7	4.7	4.6	-0.1	0.32	0.31	-0.04
57	150.0	4.3	4.2	-0.1	0.29	0.29	0.04
54	143.3	3.8	3.8	-0.1	0.27	0.27	-0.03
51	136.7	3.5	3.4	-0.1	0.26	0.25	0.03
48	130.0	3.1	3.1	-0.1	0.23	0.23	-0.02
45	123.3	2.8	2.7	-0.1	0.23	0.22	0.02
42	116.7	2.5	2.4	-0.1	0.20	0.20	-0.02
39	110.0	2.2	2.1	-0.1	0.20	0.20	0.02
36	103.3	1.9	1.9	-0.1	0.17	0.17	-0.01
33	96.7	1.7	1.6	-0.1	0.17	0.17	0.01
30	90.0	1.4	1.4	-0.1	0.14	0.14	-0.01
27	80.0	1.1	1.1	-0.1	0.13	0.13	0.01
24	70.0	0.9	0.8	-0.1	0.11	0.11	-0.01
21	60.0	0.6	0.6	0.0	0.09	0.09	0.01
18	50.0	0.4	0.4	0.0	0.07	0.07	0.00
15	40.0	0.3	0.3	0.0	0.06	0.06	0.00
12	30.0	0.2	0.2	0.0	0.04	0.04	0.00
9	20.0	0.1	0.1	0.0	0.03	0.03	0.00
6	10.0	0.0	0.0	0.0	0.01	-0.01	0.00
3	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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Engineer: AS

Section L: STRENGTH ASSESSMENT SORTED DATA

Load Combination

Max Envelope

Wind Direction

Maximum

Sec	Pnl	Elev.	MType	Desc.	Len	kl/r	Gov. comp. cap.	Gov. tens. cap.	Max Compr.	Max Tens.	Asses. Ratio
		(ft)			(ft)		(Kips)	(Kips)	(Kips)	(Kips)	
11	3	240.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	1.3	1.1	0.02
11	2	235.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	10.9	3.3	0.19
11	1	230.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	19.8	13.1	0.35
10	4	225.00	Leg	PIPE 3.500x0.300	5.00	52.6	111.0	135.9	32.8	23.2	0.30
10	3	220.00	Leg	PIPE 3.500x0.300	5.00	52.6	111.0	135.9	51.7	38.6	0.47
10	2	215.00	Leg	PIPE 3.500x0.300	5.00	52.6	111.0	135.9	72.1	57.3	0.65
10	1	210.00	Leg	PIPE 3.500x0.300	5.00	52.6	111.0	135.9	97.6	77.9	0.88
9	3	203.33	Leg	PIPE 4.500x0.337	6.68	54.2	160.1	198.4	119.3	99.5	0.74
9	2	196.67	Leg	PIPE 4.500x0.337	6.68	54.2	160.1	198.4	137.3	116.8	0.86
9	1	190.00	Leg	PIPE 4.500x0.337	6.68	54.2	160.1	198.4	150.7	130.3	0.94
8	3	183.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	164.7	143.4	0.69
8	2	176.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	176.0	154.4	0.74
8	1	170.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	188.0	165.4	0.79
7	3	163.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	197.5	174.5	0.83
7	2	156.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	207.7	183.6	0.87
7	1	150.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	216.1	191.5	0.90
6	3	143.33	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	225.8	199.9	0.82
6	2	136.67	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	234.1	207.5	0.85
6	1	130.00	Leg	PIPE 6.625x0.340	6.68	36.0	274.8	302.1	243.5	215.6	0.89
5	3	123.33	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	330.3	251.6	222.9	0.73
5	2	116.67	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	330.3	260.7	230.5	0.76
5	1	110.00	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	330.3	268.7	237.5	0.78
4	3	103.33	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	378.5	277.0	244.4	0.81
4	2	96.67	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	378.5	284.4	250.6	0.83
4	1	90.00	Leg	PIPE 6.625x0.432	6.68	36.4	343.5	378.5	292.0	256.8	0.85
3	3	80.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	302.1	265.0	0.78
3	2	70.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	314.1	274.8	0.81
3	1	60.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	326.8	285.0	0.85
2	3	50.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	338.7	294.6	0.88
2	2	40.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	351.2	304.4	0.91
2	1	30.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	363.1	313.7	0.94
1	3	20.00	Leg	PIPE 8.625x0.500	10.02	41.7	505.5	574.2	375.6	323.2	0.74
1	2	10.00	Leg	PIPE 8.625x0.500	10.02	41.7	505.5	574.2	387.6	332.1	0.77
1	1	0.00	Leg	PIPE 8.625x0.500	10.02	41.7	505.5	574.2	400.0	341.3	0.79
11	3	240.00	Diag	L1 3/4x1 3/4x1/8	6.90	106.8	10.5	7.1	2.0	1.8	0.26
11	2	235.00	Diag	L1 3/4x1 3/4x1/8	6.91	106.9	10.5	7.1	4.4	4.5	0.63
11	1	230.00	Diag	L1 3/4x1 3/4x1/8	6.92	107.1	10.5	7.1	4.6	4.5	0.64
10	4	225.00	Diag	L2x2x3/16	6.93	98.2	17.2	11.8	6.5	6.6	0.56
10	3	220.00	Diag	L2x2x3/16	6.95	98.4	17.2	11.8	8.6	8.5	0.72
10	2	215.00	Diag	L2x2x3/16	6.96	98.5	17.2	11.8	9.2	9.4	0.79
10	1	210.00	Diag	L2x2x3/16	6.97	98.7	17.2	11.8	12.0	11.8	<u>1.00</u>
9	3	203.33	Diag	L2x2x3/16	8.47	118.4	14.5	11.8	9.6	8.8	0.75
9	2	196.67	Diag	L2x2x3/16	8.91	125.5	12.9	11.8	7.5	8.1	0.69
9	1	190.00	Diag	L2x2x3/16	9.38	133.5	11.4	11.8	7.4	6.8	0.65
8	3	183.33	Diag	L2x2x3/16	9.87	139.3	10.5	11.8	6.4	6.9	0.61
8	2	176.67	Diag	L2x2x3/16	10.37	147.6	9.3	11.8	6.6	6.1	0.70
8	1	170.00	Diag	L2x2x3/16	10.89	155.9	8.4	11.8	5.8	6.1	0.70
7	3	163.33	Diag	L2x2x3/16	11.44	164.9	7.5	11.8	5.9	5.4	0.78
7	2	156.67	Diag	L2x2x3/16	12.00	173.9	6.7	11.8	5.3	5.5	0.79
7	1	150.00	Diag	L2x2x3/16	12.59	183.1	6.1	11.8	5.6	5.3	0.92
6	3	143.33	Diag	L2 1/2x2 1/2x3/16	13.17	151.2	11.3	14.1	5.5	5.7	0.49
6	2	136.67	Diag	L2 1/2x2 1/2x3/16	13.75	158.5	10.3	14.1	5.8	5.5	0.56
6	1	130.00	Diag	L2 1/2x2 1/2x3/16	14.33	165.8	9.4	14.1	5.6	5.7	0.60
5	3	123.33	Diag	L2 1/2x2 1/2x3/16	14.93	173.2	8.6	14.1	5.8	5.7	0.68



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Engineer: AS

5	2	116.67	Diag	L2 1/2x2 1/2x3/16	15.53	180.7 7.9	14.1	5.8	5.9	0.73
5	1	110.00	Diag	L2 1/2x2 1/2x3/16	16.13	188.2 7.3	14.1	6.0	5.9	0.82
4	3	103.33	Diag	L2 1/2x2 1/2x3/16	16.76	177.2 8.2	18.8	5.5	5.4	0.67
4	2	96.67	Diag	L2 1/2x2 1/2x3/16	17.42	183.4 7.7	18.8	5.6	5.6	0.73
4	1	90.00	Diag	L2 1/2x2 1/2x3/16	18.08	189.7 7.2	18.8	5.7	5.7	0.80
3	3	80.00	Diag	L3x3x3/16	20.30	178.6 9.8	21.1	6.9	7.0	0.71
3	2	70.00	Diag	L3x3x3/16	21.18	185.5 9.1	21.1	7.2	7.1	0.80
3	1	60.00	Diag	L3x3x3/16	22.06	192.5 8.4	21.1	7.3	7.3	0.86
2	3	50.00	Diag	L3 1/2x3 1/2x1/4	22.96	174.6 15.9	31.1	7.6	7.4	0.48
2	2	40.00	Diag	L3 1/2x3 1/2x1/4	23.86	180.6 14.8	31.1	7.7	7.8	0.52
2	1	30.00	Diag	L3 1/2x3 1/2x1/4	24.77	186.8 13.9	31.1	8.0	7.8	0.58
1	3	20.00	Diag	L4x4x1/4	25.69	170.2 19.2	34.1	8.1	8.1	0.42
1	2	10.00	Diag	L4x4x1/4	26.62	175.5 18.0	34.1	8.4	8.2	0.46
1	1	0.00	Diag	L4x4x1/4	27.55	180.9 17.0	34.1	8.4	8.5	0.50
11	3	240.00	Horiz	L1 3/4x1 3/4x3/16	4.75	145.7 8.4	10.7	1.2	1.3	0.14
9	3	203.33	Horiz	L1 3/4x1 3/4x3/16	4.87	145.1 8.4	10.7	0.7	0.4	0.08

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Engineer: AS

Section M: SECTION PROPERTIES DATA

Sec	Pan	Memb. Type	Steel Grade	Conn. Type	Bolts Bolts	Bolt Size (in)	Bolt Grade	End Dist. (in)	Gusset Thick. (in)	kl/r	Comp Cap. (Kips)	Tens Cap. (Kips)	Bolt Cap. (Kips)	Bear. Cap. (Kips)	Block Shear (Kips)
11	3	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
11	3	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
11	3	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
11	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
11	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	106.9	10.5	11.9	17.2S	9.8	7.1
11	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
11	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
10	4	Leg	A500 gr.CS	Tension	5	0.875	A325X	2.100	N/A	52.6	111.0	135.9	209.9T	N/A	N/A
10	4	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	98.2	20.5	20.7	17.2S	14.7	11.8
10	3	Leg	A500 gr.CS	Tension	5	0.875	A325X	2.100	N/A	52.6	111.0	135.9	209.9T	N/A	N/A
10	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	98.4	20.5	20.7	17.2S	14.7	11.8
10	2	Leg	A500 gr.CS	Tension	5	0.875	A325X	2.100	N/A	52.6	111.0	135.9	209.9T	N/A	N/A
10	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	98.5	20.4	20.7	17.2S	14.7	11.8
10	1	Leg	A500 gr.CS	Tension	5	0.875	A325X	2.100	N/A	52.6	111.0	135.9	209.9T	N/A	N/A
10	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	98.7	20.4	20.7	17.2S	14.7	11.8
9	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	54.2	160.1	198.4	275.3T	N/A	N/A
9	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
9	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
9	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	54.2	160.1	198.4	275.3T	N/A	N/A
9	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
9	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	54.2	160.1	198.4	275.3T	N/A	N/A
9	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
8	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
8	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	139.3	10.5	20.7	17.2S	14.7	11.8
8	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
8	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	147.6	9.3	20.7	17.2S	14.7	11.8
8	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	2.400	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
8	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	155.9	8.4	20.7	17.2S	14.7	11.8
7	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
7	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	164.9	7.5	20.7	17.2S	14.7	11.8
7	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
7	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	173.9	6.7	20.7	17.2S	14.7	11.8
7	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
7	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	183.1	6.1	20.7	17.2S	14.7	11.8
6	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
6	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
6	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
6	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
6	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
6	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
5	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
5	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	173.2	8.6	27.7	17.2S	14.7	14.1
5	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
5	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	180.7	7.9	27.7	17.2S	14.7	14.1
5	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
5	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	188.2	7.3	27.7	17.2S	14.7	14.1
4	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
4	3	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	177.2	8.2	27.7	34.5S	25.7	18.8
4	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
4	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	183.4	7.7	27.7	34.5S	25.7	18.8
4	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



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4	1	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	189.7	7.2	27.7	34.5S	25.7	18.8
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	178.6	9.8	34.6	34.5S	25.7	21.1
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	185.5	9.1	34.6	34.5S	25.7	21.1
3	1	Leg	A500 gr.CS Tension 6	1.500	A325X 3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
3	1	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	192.5	8.4	34.6	34.5S	25.7	21.1
2	3	Leg	A500 gr.CS Tension 6	1.500	A325X 3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	3	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	174.6	15.9	54.8	34.5S	34.1	31.1
2	2	Leg	A500 gr.CS Tension 6	1.500	A325X 3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	2	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	180.6	14.8	54.8	34.5S	34.1	31.1
2	1	Leg	A500 gr.CS Tension 6	1.500	A325X 3.600	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	1	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	186.8	13.9	54.8	34.5S	34.1	31.1
1	3	Leg	A500 gr.CS Tension 6	1.500	A325X 3.600	N/A	41.7	505.5	574.2	765.3T	N/A	N/A
1	3	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	170.2	19.2	63.9	34.5S	34.1	34.2
1	2	Leg	A500 gr.CS Tension 6	1.500	A325X 3.600	N/A	41.7	505.5	574.2	765.3T	N/A	N/A
1	2	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	175.5	18.0	63.9	34.5S	34.1	34.2
1	1	Leg	A500 gr.CS Tension 6	1.500	A325X 3.600	N/A	41.7	505.5	574.2	765.3T	N/A	N/A
1	1	Diag	A529 gr.50 Bolted 2	0.625	A325X 1.125	0.375	180.9	17.0	63.9	34.5S	34.1	34.2



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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)
405.32	345.07			34.93



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Site: LV CANEY CREEK- KY

Engineer: AS

Section 0: TOWER FOUNDATION DATA

Load Combination Max Envelope
Wind Direction Maximum

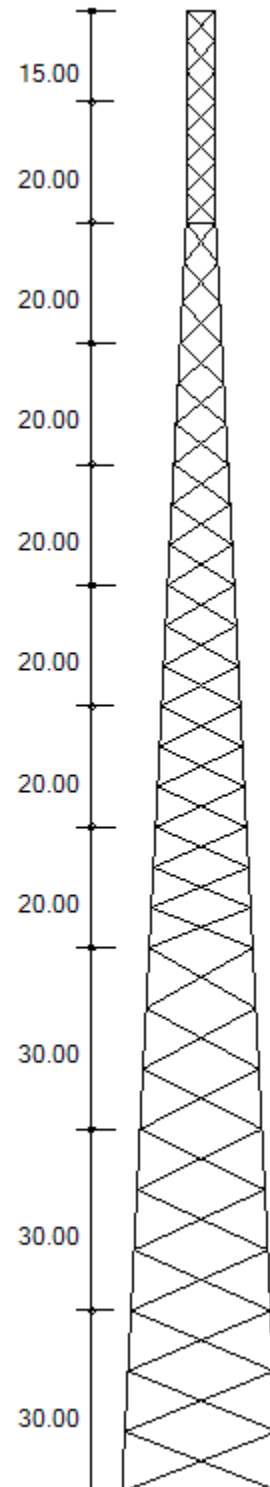
Axial Load (Kips)	Shear Load-X (Kips)	Shear Load-Z (Kips)	Total Shear (Kips)	Moment-X (Kipsft)	Moment-Y (Kipsft)	Moment-Z (Kipsft)	Total Moment (Kipsft)
61.07	28.39	49.22	56.82	7432.67	-17.30	-4271.35	8572.57
61.07	28.39	49.22	56.82	7432.67	-17.30	-4271.35	8572.57

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Contract: 252675
Project: 245 FT RTL TOWER
Date and Time: 7/23/2026 3:24:52 PM

Revision: 0
Site: LV CANEY CREEK- KY
Engineer: AS

DESIGN SPECIFICATION

Sct.	Length (ft)	Top W. (in)	Bot Width (in)
1	30.00	277.97	313.97
2	30.00	241.97	277.97
3	30.00	205.97	241.97
4	20.00	180.24	205.97
5	20.00	156.24	180.24
6	20.00	132.24	156.24
7	20.00	107.32	132.24
8	20.00	83.32	107.32
9	20.00	58.40	83.32
10	20.00	57.53	58.40
11	15.00	56.99	57.53



MAXIMUM BASE REACTIONS

Download (Kips)	405.3
Uplift (Kips)	345.1
Shear (Kips)	34.9

Customer: TOWNORTH DEVELOPMENT, LLC
 Project: 245 FT RTL TOWER
 Site: LV CANEY CREEK, KY
 Engr. File: 252675
 Build Code: ANSI/TIA-222-I-2024



Mat Foundation

ver.3.1.0

Design Parameters

Description	Load Case					
	1	2	3	4	5	Service
Total Moment, ft-kips	8,569.26	8,572.57	1,884.15	.00	.00	2,858.06
Total Shear, kips	56.80	56.82	11.43	.00	.00	19.03
Total Tower Wt, kips	81.42	61.07	152.60	.00	.00	67.82
Max. Uplift, kips	338.44	345.07	30.24	.00	.00	99.51
Shear, kips	30.76	31.15	3.85	9.52	9.52	9.52
Max Download, kips	405.32	398.69	134.02	.00	.00	148.74
Shear	34.93	34.56	9.74	12.54	12.54	12.54
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.	6.00
Tower	
Face Width, ft	26.16
Offset, in	48.00
Soil	
Blow Count	N/A
Inplace Unit Wt, pcf	110.00
Submerged Unit Wt, pcf	60.00
Friction Angle, ϕ , deg.	.00
Cohesion, ksf	N/A
Uplift Angle, deg.	30.00
Water Depth, ft	None
Ult Bearing Capacity, ksf	15.00

Mat	
Thickness, ft	2.00
Width, ft	33.00
EA, in	15.00
Batter, in/ft	0.00

Pier	
Height, ft	4.50
Diameter, ft	4.00
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 12,397.85 ft-kips
 ϕM_N – Diagonal Axis 13,651.00 ft-kips
 Moment – Interaction Ratio 0.744
 ϕV_N – Lateral Load 208.51 kips
 Lateral Load – Interaction Ratio 0.273

Final Mat Dimension : 33.00 x 33.00 x 2.00 ft. thick w/ (3) 4.00 ft. Dia. Piers

Final Pocket Dimension : Pockets not required

Total Volume of Concrete : 86.9 yd³

Designed By: AS
 Date: 20 August, 2026 @ 08:52 AM

ENGINEERING
 CHECKED BY: SY
 08/20/2026

Customer: TOWNORTH DEVELOPMENT, LLC
 Project: 245 FT RTL TOWER
 Site: LV CANEY CREEK, KY
 Engr. File: 252675
 Build Code: ANSI/TIA-222-I-2024



Mat Foundation

ver.3.1.0

OTM Capacity

Controlling Load Case: 2 [Wind w/Min. Dead Load]
 Foundation Width = 33.00 ft
 $M_U = 9,221.6$ ft-kips

	ϕM_N , ft-kips	x, ft	N	σ_{ur}
Parallel	12,397.9	3.300	0.100	10.04
Diagonal	13,651.0	10.436	0.224	10.04

$\phi M_N = 12,397.85$ ft-kips IRatio = 0.744
 $\phi V_N = 208.51$ kips IRatio = 0.273

Mat Design

$\gamma_e = 123.33$ 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	10.640	0.322	2.32	26.07	0.00	9.53	7.80	5.61	3.81
Diagonal	18.232	0.391	2.45	26.07	0.00	66.43	38.76	15.85	8.63

Interior Slab	Moment, ft-kips/ft		Shear, kips/ft		
	DownLoad Side	Uplift Side	Download Side	Uplift Side	Soil Pressure Termination
	29.84	50.53	6.16	6.77	6.11

Punching Shear	Download			Uplift			Description
	Interior	Edge	Corner	Interior	Edge	Corner	
b _o , ft	20.51	17.10	13.50	17.85	15.77	12.83	2-Way Shear
V _{su} , psi	96.52	121.84	161.28	91.87	109.24	141.47	
ϕV _c , psi	228.08	228.08	228.08	228.08	228.08	228.08	
IR	0.42	0.53	0.71	0.40	0.48	0.62	
M _{ut} , ft-kips	94.3			84.1			Moment transfer to slab
B _e , ft	8.4			8.0			
M _u , ft-kips/ft	11.2			10.5			
Edge Distances: a = 5.40 ft.				b = 3.42 ft.	c = 4.95 ft.		

Summary	Max. Value	Utilization
Slab Moment, ft-kips/ft	66.43	0.777
Slab Shear, kips/ft	15.85	0.610
Punching Shear, psi	161.28	0.707
Soil Bearing Required, σ_{ur} , ksf	3.26	0.218

Mat Reinforcement	
Min. Steel Area (Strength)	.662 in ² /ft.
Min. Steel Area (Temperature)	.259 in ² /ft.
Steel Strain Actual	0.018
Minimum Steel Strain Required	0.005

48 - #7 Horizontal bars equally spaced @8.30 in., each way, top and bottom, total of 192, $A_s = 0.875$ in²/ft

Designed By: AS
 Date: 20 August, 2026 @ 08:52 AM

Customer: TOWNORTH DEVELOPMENT, LLC
Project: 245 FT RTL TOWER
Site: LV CANEY CREEK, KY
Engr. File: 252675
Build Code: ANSI/TIA-222-I-2024



Mat Foundation

ver.3.1.0

Pier Design

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

C = 398.69 kips	V _c = 34.56 kips	M _c = 155.52 ft-kips
T = 345.07 kips	V _t = 31.15 kips	M _t = 140.18 ft-kips
F _y = 60.00 ksi	F _{yt} = 60.00 ksi	L.F. = 1.00
H = 48.00 in.	D _s = 39.00 in.	F' _c = 4.50 ksi
U = 1.00	I _{rs} = Round	

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

SUMMARY OF ANALYSIS

Minimum area of steel required	= 10.750 in ²	(R _{homin} = 0.0059)
Area of steel provided.	= 14.137 in ²	(R _{hoactual} = 0.0078)
Maximum steel area limit	= 144.765 in ²	(R _{hmax} = 0.0800)

(18) #8 Vertical Bars equally spaced w/ #4 Circular Ties @ 6" on center.

CIRCULAR TIE DATA

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

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

DEVELOPMENT LENGTH MODIFIERS FOR BAR DEVELOPMENT

Modifier for tension development = 1.000

Modifier for compression development = 0.171

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

Designed By: AS
Date: 20 August, 2026 @ 08:52 AM

File: 252675 **Customer:** TOWNORTH DEVELOPMENT, **Date:** 08/20/26
Engineer: AS **Description:** 245 FT RTL TOWER Version: 2026-06-15
Tower Type: RT **Site:** LV CANEY CREEK, KY

ENGINEERING
 CHECKED BY: SY
 08/20/2026

FACTORED REACTIONS / LEG

COMPRESSION = 405.32 k (6) - 1.5" dia x 74" long anchor rods per leg
 UPLIFT = 345.07 k
 SHEAR = 34.93 k $f'_c = 4,500$ psi
 Soil Heave Uplift = 0.00 k $f_y = 60,000$ psi

SOIL PARAMETERS

A) Depth neglected for skin friction = Top 3.0 ft and Bottom 6.0 ft for download.
 B) Average ultimate skin shear for uplift:
 3.0 ft to 6.5 ft depth = 1200 psf, and 6.5 ft to 8.0 ft depth = 1800 psf, and 8.0 ft to 15.5 ft depth = 5000 psf.

C) Average ultimate skin shear for download:
 3.0 ft to 6.5 ft depth = 1200 psf, and 6.5 ft to 8.0 ft depth = 1800 psf, and 8.0 ft to 9.5 ft depth = 5000 psf.

D) Ultimate net end bearing at 15.5 ft = 75.00 ksf.
 E) Groundwater table below foundation depth.

USE 4' - 0" DIAMETER AND 15' - 6" DEEP DRILLED PIER WITH 0' - 6" PROJECTION

Perimeter = 12.57 ft Area = 12.57 ft²

Total Download = 405.32 + [1.2 x 0.15 - 0.75 x 0.120] x 16 x 12.57 = 423.4 k

Tension Capacity = 12.57 x (16.0 x 0.15 + 0.0 x 0.09) x 0.90 + 12.57 x
 (1.200 x 3.5 + 1.800 x 1.5 + 5.000 x 7.5) x 0.75 =

27.2 + 418.6 = 445.8 k
 445.8 >= 345.07 **OK**

Comp. Capacity = 12.57 x 75.00 x 0.75 + 12.57 x
 (1.200 x 3.5 + 1.800 x 1.5 + 5.000 x 1.5) x 0.75 =

707.1 + 135.8 = 842.9 k
 842.9 >= 423.4 **OK**

LATERAL - SEE ATTACHED CALCULATIONS USING WIGGINS METHOD

Max M = 221.23 ft-k Max V = 44.90 k

REINFORCEMENT - SEE ATTACHED SHAFT PROGRAM

USE 16 - # 9 BARS VERTICAL WITH # 4 TIES AT 6" IN TOP 7.0 FT AND AT 12" IN REST OF PIER.

STEEL AREA = 15.99 in² OK
 {36.0 in Cage Diameter}

CONCRETE VOL. = 12.57 x 16.0 / 27 = 7.4 cu yds / pier

**** WIGGINS METHOD ****

**** DETERMINE MAXIMUM LATERAL SOIL PRESSURE ****
**** AND MAXIMUM MOMENT IN THE SHAFT FOR ****

**** A DRILLED PIER FOUNDATION ****

***** Thu Aug 20 09:00:07 2026 *****

Ver. 2.3 NT

FILE NO.- 252675

ENGR.- AS

DESCR.- TOWNORTH DEVELOPMENT, LLC 245 FT RTL TOWER

FORMULAS USED

$$S1 = \frac{6P*(1+N)}{D*L*(1-N)*(1-N)} \quad L = (MA/P)+R+E$$

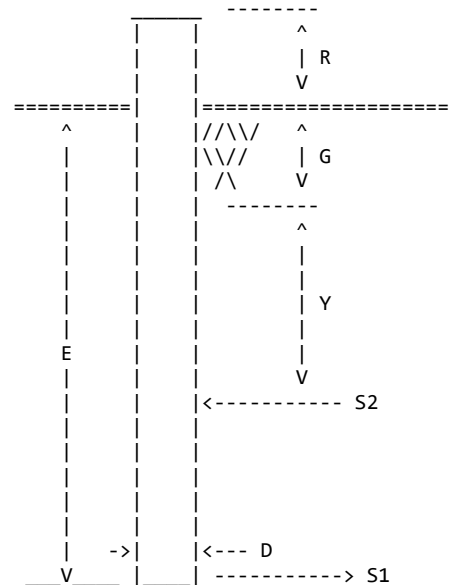
$$S2 = \frac{(N+3)*(N+3)*S1}{8*(N+1)*(N+2)} \quad NL = (MA/P)+R+G$$

$$K = \frac{1-(N*N)}{2*(2+N)} \quad N = NL / L$$

$$Y = \frac{L*(1-K)-NL}{2} \quad SP1 = S1 / E$$

$$M = P*(NL+5/8*Y) \quad SP2 = S2 / (Y+G)$$

$$V = S1*D*K*L / 2. \text{ or } P \text{ whichever is greater}$$



Diameter of Pier = D = 4.00 ft
 Projection Above Grade = R = .50 ft
 Embedment Depth = E = 15.50 ft
 Depth of Soil Ignored = G = 3.00 ft

Equivalent Length of Pier = L = 16.00 ft
 Length for NO Soil Resistance = NL = 3.50 ft
 Applied Moment at Top of Pier = MA = .00 ft-k
 Shear at Top of Pier = P = 34.93 kips

MAXIMUM LATERAL SOIL PRESSURES

MAXIMUM VALUES IN SHAFT

K = .2146
 Y = 4.53 ft
 S1 = 6.539 ksf
 S2 = 3.132 ksf
 SP1 = 422 psf/ft
 SP2 = 416 psf/ft

M = 221.23 ft-k
 V = 44.90 kips

**
** COMPARISION DATA **
**

252675
TOWERNORTH DEVELOPMENT, LLC

BROMS ----->	SAND	CLAY
	PHI = 30.0 degrees	C = 1.00 ksf
	DENSITY = 100.00 pcf	
	E = 16.46 ft	E = 15.56 ft
	Max. M = 267.33 ft-k	Max. M = 260.94 ft-k
	Max. V = 99.83 kips	Max. V = 68.53 kips
	Ls = 12.237 ft	

SHAFT REINFORCING PROGRAM VER. 91.7

=====

DESIGNED BY: AS
ENG. FILE NO.: 252675
DATE: 08/20/26

CUSTOMER: TOWNORTH DEVELOPMENT, LLC
DESCRIPTION: 245 FT RTL TOWER LV CANEY CREEK, KY

INPUT DATA

=====

C = 405.32 Kips	Vc = 44.90 Kips	Mc = 221.23 Ft-K
T = 345.07 Kips	Vt = 44.90 Kips	Mt = 221.23 Ft-K
Fy = 60.00 Ksi	Fyt = 60.00 Ksi	L.F. = 1.00
H = 48.00 In.	Ds = 36.00 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. = 12.05 sq.in. (Rhomn = 0.0067)
Maximum steel area limit = 144.76 sq.in. (Rhomax = 0.0800)

CIRCULAR TIE DATA

=====

$V_u < .85 * V_c / 2$, 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 = 0.155

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

PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



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

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DRAWN BY: MDR

CHECKED BY: DS

REVISIONS

NO.	DATE	BY	DESCRIPTION
0	04/26/26	MDR	ZONING ISSUE
A	04/15/26	MDR	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

LV CANEY CREEK

ADDRESS:

1705 OLD WAYNESBURG RD
EUBANK, KY 42567

COUNTY:

PULASKI

LATITUDE:

37° 16' 35.91" N

LONGITUDE:

84° 36' 30.32" W

SITE NUMBER:

KY0010

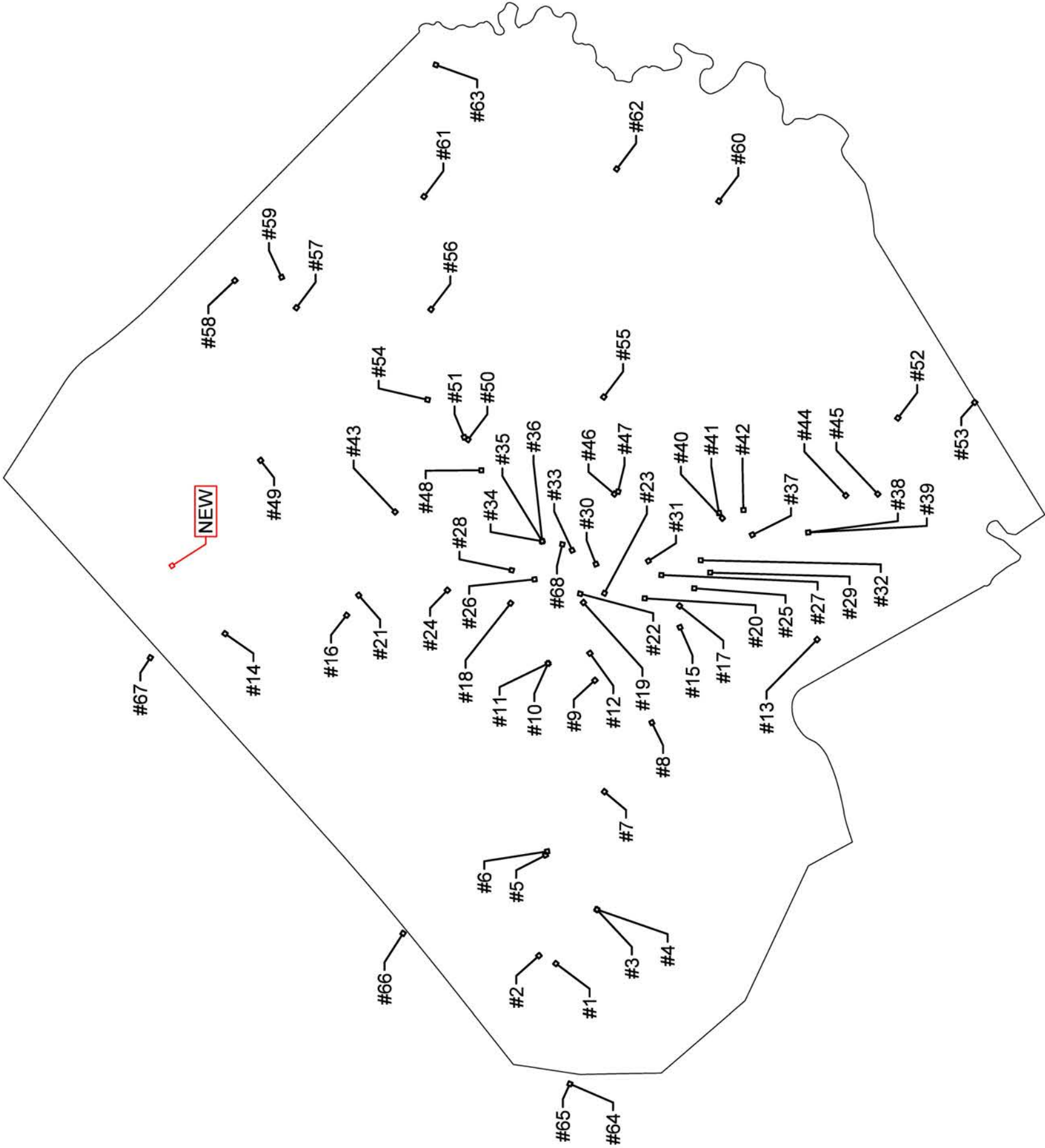
SHEET TITLE:

OVERALL SITE PLAN

DRAWING NO.

ASR

PULASKI COUNTY



FCC REGISTERED TOWERS

TOWER	TOWER OWNER	ASR	LATITUDE	LONGITUDE
NEW	TOWERNORTH	TBD	37°16'35.2302"N	84°36'29.9262"W
1	CELLCO PARTNERSHIP	1250184	37°5'46.4"N	84°50'33.9"W
2	AMERICAN TOWERS LLC	1289960	37°6'13.8"N	84°50'17.6"W
3	K-LOVE, INC.	1250130	37°4'36.3"N	84°48'38.8"W
4	AMERICAN TOWERS LLC	1203424	37°4'42.3"N	84°48'36.8"W
5	SBA INFRASTRUCTURES, LLC	1247464	37°6'3.7"N	84°46'43.5"W
6	UNITI TOWERS LLC	1316046	37°6'0.8"N	84°46'36.4"W
7	APC TOWERS IV, LLC	1332978	37°4'24.8"N	84°44'30.2"W
8	CELLCO PARTNERSHIP	1251910	37°3'4.7"N	84°42'4.5W
9	VERTICAL BRIDGE CC FM, LLC	1043118	37°4'38.9"N	84°40'37.2"W
10	UNITI TOWERS LLC	1316998	37°5'58.3"N	84°40'2.5"W
11	SBA INFRASTRUCTURE, LLC	1231891	37°5'59.9"N	84°39'58.9"W
12	F.T.G. BROADCASTING, INC	1264631	37°4'50.6"N	84°39'38.5"W
13	CELLULAR PHONE OF KENTUCKY, INC. DBA = RAMCELL	1043628	36°58'25.5"N	84°39'8.8"W
14	CELLCO PARTNERSHIP	1250182	37°15'4.9"N	84°38'58.4"W
15	RURAL CELLULAR CORPORATION	1303154	37°2'20.5"N	84°38'42.2"W
16	GLOBAL TOWER, LLC. THROUGH AMERICAN TOWERS, LLC	1229869	37°1'1'39.7"N	84°38'18.2"W
17	NEW CINGULAR WIRELESS PCS, LLC	1314542	37°2'18.3"N	84°37'57.4"W
18	VB BTS, II, LLC	1321398	37°7'5.7"N	84°37'53.7"W
19	NORFOLK SOUTHERN CORPORATION	1035924	37°5'0.0"N	84°37'52.0"W
20	NEW CINGULAR WIRELESS PCS, LLC	1317834	37°3'16.7"N	84°37'43.5"W
21	EAST KENTUCKY POWER COOPERATIVE, INC	1237226	37°1'1'19.3"N	84°37'36.3"W
22	CITY OF SOMERSET	1300944	37°5'6.4"N	84°37'33.3"W
23	SBA PROPERTIES, LLC	1230577	37°4'26.3"N	84°37'31.2"W
24	CELLCO PARTNERSHIP	1253989	37°8'48.9"N	84°37'25.1"W
25	CELLCO PARTNERSHIP	1250175	37°1'54.0"N	84°37'23.0"W
26	EPPERSON AIR CONDITIONING & HEATING	1204492	37°6'22.2"N	84°37'2.7"W
27	NEW CINGULAR WIRELESS PCS, LLC	1319263	37°2'49.6"N	84°36'52.9"W
28	VB-S1 ASSETS, LLC	1043674	37°7'3.0"N	84°36'42.0"W
29	US ARMY CORP OF ENGINEERS	1289486	37°1'24.6"N	84°36'50.1"W
30	NORFOLK SOUTHERN CORPORATION	1208691	37°4'40.4"N	84°36'30.8"W
31	TILLMAN INFRASTRUCTURE, LLC	1329213	37°3'12.5"N	84°36'22.9"W
32	VB-S1 ASSETS, LLC	1043676	37°1'46.6"N	84°36'22.9"W
33	OUTREACH FOR JESUS	1291343	37°5'12.3"N	84°36'7.7"W

FCC REGISTERED TOWERS

TOWER	TOWER OWNER	ASR	LATITUDE	LONGITUDE
34	GLOBAL TOWERS, LLC. THROUGH AMERICAN TOWERS, LLC	1235212	37°6'12.0"N	84°35'46.0"W
35	MOBILE COMMUNICATIONS AMERICA, INC	1047989	37°6'10.0"N	84°35'45.0"W
36	TOWERCO V HOLDINGS LLC	1043979	37°6'13.3"N	84°35'39.5"W
37	EAST KENTUCKY POWER COOPERATIVE, INC	1234158	37°0'16.3"N	84°35'30.8"W
38	CELLCO PARTNERSHIP	1251434	36°58'40.4"N	84°35'27.50"W
39	SBA TOWERS III LLC	1260942	36°58'40.0N	84°35'24.9"W
40	SBA INFRASTRUCTURES, LLC	1043977	37°1'3.4"N	84°34'55.5"W
41	SBA INFRASTRUCTURES, LLC	1234225	37°1'12.7"N	84°34'43.7"W
42	EAST KENTUCKY POWER COOPERATIVE, INC	1044514	37°0'30.0"N	84°34'40.0"W
43	CELLCO PARTNERSHIP	1272282	37°10'16.6"N	84°34'38.9"W
44	VERTICAL BRIDGE CC FM, LLC	1043677	36°57'38.0"N	84°34'7.0"W
45	SBA INFRASTRUCURES, LLC	1232715	36°56'43.9"N	84°34'4.5"W
46	SBA TOWERS III LLC	1260416	37°4'6.8"N	84°34'5.7"W
47	UNITI TOWERS LLC	1316984	37°4'0.1"N	84°34'0.9"W
48	SOMERSET EDUCATIONAL BROADCASTING FOUNDATION	1051877	37°7'52.0"N	84°33'15.0"W
49	TOWERCO V HOLDINGS LLC	1328459	37°14'4.6"N	84°32'50.4"W
50	AMERICAN TOWERS	1042206	37°8'16.0"N	84°32'7.9"W
51	AMERICAN TOWERS LLC	1279127	37°8'25.1"N	84°32'6.1"W
52	VERTICAL BRIDGE CC FM, LLC	1043677	36°57'38.0"N	84°34'7.0"W
53	SBA TOWERS III LLC	1260689	36°53'59.9"N	84°30'50.0"W
54	SBA TOWERS IX, LLC	1312272	37°9'22.7"N	84°30'42.7"W
55	CELLCO PARTNERSHIP	1263386	37°4'25.9"N	84°30'38.1"W
56	VERTICAL BRIDGE CC FM, LLC	1043675	37°9'16.0"N	84°27'35.0"W
57	CELLCO PARTNERSHIP	1250183	37°13'3.8"N	84°27'29.0"W
58	AMERICAN TOWERS LLC	1018905	37°14'47.9"N	84°26'28.5"W
59	HEMPHILL CORPORATION	1232562	37°13'27.2"N	84°26'25.3"W
60	KENTUCKY, COMMONWEALTH OF DBA = KY EMERGENCY WARNING SYSTEMS KEWS	1044797	37°1'13.4"N	84°23'42.6"W
61	AMERICAN TOWERS LLC	1230266	37°9'26.4"N	84°23'34.2"W
62	SOUTH KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION	1043456	37°4'3.5"N	84°22'37.1"W
63	AMERICAN TOWERS LLC	1229865	37°9'7.6"N	84°18'58.8"W
64	SBA INFRASTRUCTURES, LLC	1232264	37°5'19.7"N	84°54'47.3"W
65	UNITI TOWERS LLC	1318405	37°5'25.3"N	84°54'43.8"W
66	KENTUCKY AUTHORITY OF EDUCATIONAL TELEVISION DBA WKSO TV	1044043	37°10'3.0"N	84°49'30.0"W
67	AMERICAN TOWERS LLC	1047763	37°17'9.6"N	84°39'48.6"W
68	KENTUCKY, COMMONWEALTH OF DBS = EMERGENCY WARNING SYSTEMS KEWS	1219832	37°5'35.3"N	84°35'47.8"W

PREPARED FOR:



2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15317

PREPARED BY:



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

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MDR

DS

REVISIONS

0	04/26/26	MDR	ZONING ISSUE
A	04/15/26	MDR	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

LV CANEY CREEK

ADDRESS:

1705 OLD WAYNESBURG RD
EUBANK, KY 42567

COUNTY:

PULASKI

LATITUDE:

37° 16' 35.91" N

LONGITUDE:

84° 36' 30.32" W

SITE NUMBER:

KY00010

SHEET TITLE:

OVERALL SITE PLAN

DRAWING NO.

ASR-1

REVISION:

0

Privacy Act Statement (5 U.S.C. § 552a(e)(3)): Authority: Information solicited by the Federal Aviation Administration (FAA) Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) is authorized by 49 U.S.C. § 44718 and 47101 Purpose: The FAA OE/AAA is an application used to evaluate all structures that may affect the national airspace system and defend against potential hazards to the safety and efficient use of the navigable airspace. The information collected is used to allow a user access to the OE/AAA and to administer the Aeronautical Study Process. Routine Uses: In accordance with the Privacy Act system of records notice, DOT/ALL 16 Mailing Management System and DOT/FAA 826 Petitions for Exemptions, Other than Medical Exemptions this information may be disclosed to officials within the federal government and the public in general. DOT/ALL 13 - Internet/Intranet Activity and Access Records, this information is routinely used; • To provide information to any person(s) authorized to assist in an approved investigation of improper access or usage of DOT computer systems; • To an actual or potential party or his or her authorized representative for the purpose of negotiation or discussion of such matters as settlement of the case or matter, or informal discovery proceedings; • To contractors, grantees, experts, consultants, detailees, and other non-DOT employees performing or working on a contract, service, grant cooperative agreement, or other assignment from the Federal government, when necessary to accomplish an agency function related to this system of records; and • To other government agencies where required by law.

Disclosure: Submission of the information is voluntary, however, failure to submit requested information will result in FAA's inability to grant you access to the system and may result in an inability of the FAA to process the notice or administer the aeronautical study process for the construction, alteration, activation, or deactivation proposed.



U.S. Department of
Transportation
Federal Aviation
Administration

*Failure to Provide All Requested Information May Delay Processing of your
Notice*

Notice of Proposed Construction or Alteration

FOR FAA USE ONLY

Aeronautical Study
Number
2026-ASO-11935-OE

Status: Determined - No
Hazard

1. Sponsor

Name: TOWERNORTH
DEVELOPMENT, LLC
Attn of: ELISABETH RUTKOWSKI
Address: 2400 Ansys Drive
Suite 102
City: Cannonsburg
State: PA
Zip: 15317
Country: US
Phone: +1-1-781-751-5532
Fax:

2.Sponsor's Representative

Name: EBI
Attn of: EBI
Address: 534 N BACKWOODS CT
City: Valley Center
State: KS
Zip: 67147
Country: US
Phone: +1-1-702-860-2338
Fax:

3.Notice of: New Construction

4.Duration:

Permanent (Months:0 Days:0)

5.Work Schedule:

6.Type: Antenna Tower

7.Marking/Lighting: Other

8.FCC Antenna

Registration Number:
(if applicable)

9.Latitude: 37° 16' 35.91" N

10.Longitude: 84° 36' 30.32" W

12.Nearest

State: KY
County: Pulaski

13.Nearest Public Use SME

Airport:

(or Military Airport/Heliport)

14.Distance from Airport 81214 ft

to Structure:

15.Direction from Airport 0°

to Structure:

16.Site Elevation (SE): 1106 ft

17.Structure Height (AGL): 250 ft

18.Overall Height (AMSL): 1356 ft

19.Prior ASN (if applicable):

20.Description of

Location:
1705 Old Waynesburg Rd

21.Description of**Proposal:**

Filing for a proposed 245 foot with a 5 foot proposed lightning rod making the overall structure height 250 feet AGL. If lighting is required, please utilize the tower owner's preferred Med-Dual System. Thank you.

Frequencies:

Low Freq	High Freq	Unit	ERP
6	7	GHz	42 dBW
6	7	GHz	55 dBW
10	11.7	GHz	42 dBW
10	11.7	GHz	55 dBW
17.7	19.7	GHz	42 dBW
17.7	19.7	GHz	55 dBW
21.2	23.6	GHz	42 dBW
21.2	23.6	GHz	55 dBW

614	698	MHz	1000 W
614	698	MHz	2000 W
698	806	MHz	1000 W
806	824	MHz	500 W
806	901	MHz	500 W
824	849	MHz	500 W
851	866	MHz	500 W
869	894	MHz	500 W
896	901	MHz	500 W
901	902	MHz	7 W
929	932	MHz	3500 W
930	931	MHz	3500 W
931	932	MHz	3500 W
932	932.5	MHz	17 dBW
935	940	MHz	1000 W
940	941	MHz	3500 W
1670	1675	MHz	500 W
1710	1755	MHz	500 W
1850	1910	MHz	1640 W
1850	1990	MHz	1640 W
1930	1990	MHz	1640 W
1990	2025	MHz	500 W
2110	2200	MHz	500 W
2305	2360	MHz	2000 W
2305	2310	MHz	2000 W
2345	2360	MHz	2000 W
2496	2690	MHz	500 W
746	757	MHz	2000 W
776	787	MHz	2000 W
3700	3980	MHz	1640 W

Letters:

05/08/2026 - DET

Processed 7460-2 Forms:

Supplemental Form 7460-2:

Please [login](#) to add a Supplemental Form 7460-2

REPORT ON GEOTECHNICAL INVESTIGATION

**TOWNORTH SITE KY0010-A
LV CANEY CREEK
VERIZON WIRELESS MDG LOC.
#5000995169**

1705 OLD WAYNESBURG ROAD
EUBANK, KENTUCKY 42567

LATITUDE 37.276641 ° N
LONGITUDE 84.608421 ° W



**CONSULTING
GROUP**

Prepared for:

TowerNorth Development
2400 Ansys Drive, Suite 102
Canonsburg, Pennsylvania 15317

G2 Project No. 262333
August 13, 2026

August 13, 2026

Mr. Jeff Race
TowerNorth Development
2400 Ansys Drive, Suite 102
Canonsburg, Pennsylvania 15317

Re: Report on Geotechnical Investigation
TowerNorth Site KY0010-A LV Caney Creek
Verizon Wireless MDG Loc. #5000995169
1705 Old Waynesburg Road
Eubank, Kentucky 42567
G2 Project No. 262333

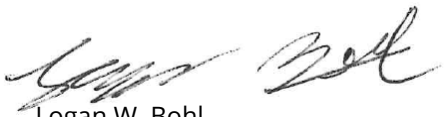
Dear Mr. Race:

We have completed the geotechnical investigation for TowerNorth Site KY0010-A LV Caney Creek/Verizon Wireless MDG Loc. #5000995169 in Eubank, Kentucky. This report presents the results of our observations and analysis and our recommendations for subgrade preparation, foundation design, and construction considerations.

As always, we appreciate the opportunity to be of service to TowerNorth Development and Verizon Wireless and we look forward to discussing the recommendations presented. In the meantime, if you have any questions regarding the report or any other matter pertaining to the project, please do not hesitate to contact us.

Sincerely,

G2 Consulting Group, LLC

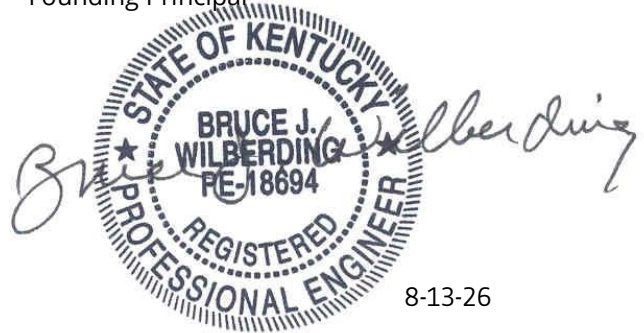


Logan W. Bohl
Staff Engineer

LWB/ALP/BJW/jrn

Enclosures

Bruce J. Wilberding, P.E.
Founding Principal



8-13-26

EXECUTIVE SUMMARY

We understand the project includes construction of a 245-foot tall self-support tower and reinforced concrete pads for support of Verizon Wireless equipment cabinets and a generator. Approximately 7 inches of silty clay topsoil are present at the soil boring location. Medium to very stiff clayey silt underlies the topsoil and extends to an approximate depth of 6-1/2 feet. Very weak, completely weathered shale extends from an approximate depth of 6-1/2 to 8 feet. Strong, faintly weathered limestone is present below an approximate depth of 8 feet and extends to the explored depth of 23 feet. The soil boring was terminated prior to the proposed drilling depth due to the existing rock conditions and sufficient information being obtained for foundation design. No groundwater was encountered prior to the commencement of rock coring operations. An accurate measurement of the groundwater level at completion of drilling operations could not be determined due to the addition of water for rock coring operations.

Based on the encountered subsurface conditions and estimated tower loads, we recommend the proposed 245-foot tall self-support tower be supported on straight shaft drilled piers. We anticipate the drilled piers will be 3-1/2 to 4 feet in diameter and bear at a depth of 18 to 23 feet below grade. Some variances in rock elevation may be encountered between pier locations, and the foundation design engineer may wish to specify a minimum embedment depth into the strong, faintly weathered limestone. We recommend the following design parameters for temporary wind loading conditions. The allowable skin friction parameters are based on a factor of safety of 2. The allowable bearing capacity parameters are based on a factor of safety of 3.

Depth/Elevation (feet)	Total Unit Weight (pcf)	Cohesion (psf)	Friction Angle (degrees)	Allowable Skin Friction (psf)	Allowable Bearing Pressure (psf)
0 to 3 (1,107 to 1,104)	110	500	0	0	----
3 to 6-1/2 (1,104 to 1,100-1/2)	130	3,000	0	600	----
6-1/2 to 8 (1,774-1/2 to 1,770)	130	4,500	0	900	----
8 to 23 (1,770 to 1,760)	140	8,000	0	2,500	25,000

As an alternative to drilled pier foundations, a mat foundation bearing on the very stiff clayey silt, very weak, completely weathered shale, and strong, faintly weathered limestone at a depth of 6 to 8 feet below finished grade may be used to support the tower. We anticipate the mat foundation will range from 33 to 35 feet square; however, the actual mat size may be controlled by the tower leg spacing. A net allowable soil bearing pressure of 5,000 pounds per square foot (psf) may be used for design of a mat foundation bearing on the very stiff clayey silt, very weak, completely weathered shale, and strong, faintly weathered limestone. The allowable bearing pressure is based on a factor of safety of 3. The contractor must be prepared with heavy excavation equipment and a breaker bar to complete excavations in the very weak, completely weathered shale and strong, faintly weathered limestone. We anticipate excavated soils will be reused as engineered fill above the top of mat foundation. A total unit weight of 110 pounds per cubic foot (pcf) may be used for the on-site clayey silt placed and compacted above the top of the mat foundation in an engineered manner. We recommend a factor of safety of 2 be applied to the total unit weight. Any rock fragments larger than 3 inches should not be used as engineered fill above the mat.

We anticipate drilled pier excavation operations can be completed in open, neat excavations. However, a rock auger and core barrel will be required to complete the drilled pier excavations within the very weak, completely weathered shale and strong, faintly weathered limestone below an approximate depth of 8 feet. Once the drilled pier excavations have been completed to the design bearing depth, reinforcing steel should be set and concrete placed by free fall.

Do not consider this summary separate from the entire text of this report, with all the conclusions and qualifications mentioned herein. Details of our analysis and recommendations are discussed in the following sections and in the Appendix of this report.

PROJECT DESCRIPTION

We understand the project includes construction of a 245-foot tall self-support tower. At the time of this investigation, the tower manufacturer and actual loading conditions were not available. However, based on our experience with similar communication towers, we anticipate the tower will impose a maximum compression load per leg in the range of 450 to 500 kips, a maximum uplift load per leg in the range of 400 to 450 kips, a shear load per leg in the range of 60 to 80 kips, and an overturning moment of 10,000 to 12,000 foot-kips. Once the actual tower loading conditions and manufacturer are determined, G2 Consulting Group, LLC (G2) should be notified so we can evaluate our recommendations in light of the actual loading conditions.

In addition, reinforced concrete pads for support of Verizon Wireless equipment cabinets and a generator will be installed adjacent to the tower base. Actual loading conditions were not available at the time of this report; however, we anticipate individual equipment cabinets will weigh 1 to 1-1/2 kips and the generator will have a total weight of 3 to 5 kips.

Based on the Site Grading and E&S Control Plan (Drawing No. C-2) prepared by TeleCAD Wireless dated June 10, 2026 (Rev. C), the existing grade across the limits of the proposed tower compound slopes downward to the southeast with an approximate elevation change of 1,107-1/2 to 1,106-1/2 feet. Finished grade elevations across the limits of the proposed tower compound will be similar to existing and we anticipate the tops of proposed tower foundation piers and concrete pads will extend 6 to 12 inches above finished grade.

SCOPE OF SERVICES

The field operations, laboratory testing, and engineering report preparation were performed under the direction and supervision of a licensed professional engineer. Our services were performed according to generally accepted standards and procedures in the practice of geotechnical engineering in this area. Our scope of services for this project is as follows:

1. Our subcontract driller performed one soil boring at the approximate tower center extending to a depth of 23 feet below existing grade. The soil boring was terminated prior to the proposed drilling depth due to the existing rock conditions and sufficient information being obtained for foundation design.
2. We performed laboratory testing on representative soil and rock samples obtained from the soil boring. Laboratory testing included visual engineering classification, natural moisture content, unconfined compressive strength, rock core recovery, and RQD determinations.
3. We prepared this engineering report. The report includes recommendations regarding drilled pier and mat foundation design parameters, allowable soil bearing capacity, estimated settlement, and construction considerations related to foundation construction.

FIELD OPERATIONS

G2 selected the depth and location of the soil boring. The driller located the boring using a hand-held global positioning system (GPS) with the coordinates provided on the FAA 1-A Certification Letter prepared by The Land Consultants, LLC dated May 1, 2026 and by measuring from existing landmarks using conventional taping methods. The approximate soil boring location is shown on the Soil Boring Location Plan, Plate No. 1. The ground surface elevation at the soil boring location was determined by interpolation of the topographic contour lines presented on the aforementioned site survey.

The soil boring was drilled using an all-terrain vehicle (ATV) mounted drill rig. Continuous flight, 3-1/4-inch inside diameter hollow-stem augers were used to advance the boring to auger refusal at a depth of 8 feet. Soil and rock samples were obtained at intervals of 2-1/2 feet within the upper 8 feet. These samples were obtained by the Standard Penetration Test method (ASTM D 1586), which involves driving a 2-inch diameter split-spoon sampler into the rock with a 140-pound weight falling 30 inches. The sampler is generally driven three successive 6-inch increments, with the number of blows for each increment recorded. The number of blows required to advance the sampler the last 12 inches is termed the Standard Penetration Test resistance (N). The blow counts for each 6-inch increment and the resulting N-values are on the soil boring log.

An NQ2 diamond tipped core barrel was used to extend the boring after auger refusal at an approximate depth of 8 feet. The boring was terminated at 23 feet due to the existing rock conditions and sufficient information being obtained for foundation design. Core samples were obtained for rock classification, core recovery, and RQD determination.

The soil and rock samples were placed in sealed containers and core boxes in the field and brought to our laboratory for testing and classification. During field operations, the driller maintained a log of the subsurface conditions, including changes in stratigraphy and observed groundwater levels. The final boring log is based on the driller's field boring log supplemented by laboratory soil and rock classification and test results. The borehole was backfilled with auger cuttings upon completion of drilling operations.

LABORATORY TESTING

Representative soil and rock samples were subjected to laboratory testing to determine soil parameters pertinent to foundation design and site preparation. An experienced geotechnical engineer classified the samples in general accordance with the Unified Soil Classification System.

Laboratory testing included moisture content and unconfined compressive strength determinations. The unconfined compressive strengths were determined using a spring-loaded hand penetrometer. The hand penetrometer estimates the unconfined compressive strength to a maximum of 4-1/2 tons per square foot (tsf) by measuring the resistance of the soil sample to the penetration of a calibrated spring-loaded cylinder.

The rock core was logged for classification, core recovery, and RQD. Core recovery is presented as the percentage of core recovered relative to the core length. The RQD is a relative measure of the quality of intact rock mass and equals the percentage of core unbroken by natural joints in pieces greater than 4 inches in length relative to the total length of the core.

The results of the laboratory tests are indicated on the boring log at the depths the samples were obtained. We will hold the soil and rock samples for 60 days from the date of this report, after which time they will be discarded. If you would like to retain the samples beyond that date, please let us know

SITE DESCRIPTION

The proposed site is located at 1705 Old Waynesburg Road in Eubank, Kentucky. The site is situated in an agricultural field approximately 215 feet northwest of Old Waynesburg Road. Based on the provided survey and visual observations, the proposed tower compound slopes downward to the southeast with an approximate elevation change of 1,107-1/2 to 1,106-1/2 feet. A residence and barn are located to the south and east. Wooded areas and agricultural fields are present to the north and west. The site will be accessed by a proposed gravel access drive extending northwest from old Waynesburg Road.

SOIL CONDITIONS

Approximately 7 inches of silty clay topsoil are present at the soil boring location. Clayey silt underlies the topsoil and extends to an approximate depth of 6-1/2 feet. Completely weathered shale underlies the clayey silt and extends to an approximate depth of 8 feet. Faintly weathered limestone is present below an approximate depth of 8 feet and extends to the explored depth of 23 feet. The soil boring was terminated prior to the proposed drilling depth due to the existing rock conditions and sufficient information being obtained for foundation design.

The clayey is medium to very stiff in consistency with natural moisture contents of 18 and 19 percent and unconfined compressive strengths of 2,000 and 6,000 psf. The completely weathered shale extending from an approximate depth of 6-1/2 to 8 feet is very weak in rock strength with an N-value of 50 blows per 5 inches of penetration, a moisture content of 14 percent, and an unconfined compressive strength of 9,000 psf. The underlying faintly weathered limestone is strong in rock strength with rock core recovery values of 100 percent and RQD values of 92 and 84 percent.

The stratification depths shown on the soil boring log represent the soil and rock conditions at the boring location. Variations may occur away from the boring location. Additionally, the stratigraphic lines represent the approximate boundary between soil and rock types. The transition may be more gradual than what is shown. We have prepared the boring log on the basis of the field log of soils and rock encountered supplemented by laboratory classification and testing.

The Soil Boring Location Plan, Plate No. 1, and Soil Boring Log, Figure No. 1, are presented in the Appendix. The soil and rock profiles described above are generalized descriptions of the conditions encountered at the boring location. General Notes Terminology and Classification of Rock Strata defining the nomenclature used on the soil boring logs and elsewhere in this report are presented on Figure Nos. 2 and 3, respectively.

GROUNDWATER CONDITIONS

The soil boring was dry prior to commencement of rock coring operations. An accurate measurement of the groundwater level upon completion of drilling operations could not be determined due to the addition of water to the borehole for rock coring operations. Fluctuations in perched and long-term groundwater levels should be anticipated due to seasonal variations and following periods of prolonged precipitation.

SITE PREPARATION

On the basis of available data, it appears a little earthwork will be required to achieve final design grades. Earthwork operations are anticipated to consist of removing the existing topsoil and vegetation from the proposed lease parcel and access drive, minor grade cuts and engineering fill placement, excavating for the tower foundation, and constructing the access drive. We recommend all earthwork operations be performed under adequate specifications and observed by qualified technical staff working under the direction of a licensed professional engineer.

At the start of earthwork operations, the existing topsoil and vegetation must be completely removed from the proposed lease area and access drive. The exposed subgrade should be proof-rolled with a loaded tandem-axle dump truck and visually evaluated for instability and/or unsuitable soil conditions. Any unstable or unsuitable areas noted should be improved by compaction or removed and replaced with engineered fill.

Any engineered fill required should be free of organic matter, frozen soil, clods, or other harmful material. The engineered fill should be placed in uniform horizontal layers that are not more than 9 inches in loose thickness.

The engineered fill should be compacted to achieve a density of at least 95 percent of the maximum dry density as determined by the Modified Proctor compaction test (ASTM D 1557). All engineered fill material should be placed and compacted at approximately the optimum moisture content. Frozen material should not be used as fill, nor should fill be placed on a frozen subgrade.

FOUNDATION RECOMMENDATIONS

Based on the encountered subsurface conditions and estimated tower loads, we recommend the proposed 245-foot tall self-support tower be supported on straight shaft drilled piers. We anticipate the drilled piers will be 3-1/2 to 4 feet in diameter and bear at a depth of 18 to 23 feet below grade. Some variances in rock elevation may be encountered between pier locations, and the foundation design engineer may wish to specify a minimum embedment depth into the strong, faintly weathered limestone. We recommend the following design parameters for temporary wind loading conditions. The allowable skin friction parameters are based on a factor of safety of 2. The allowable bearing capacity parameters are based on a factor of safety of 3.

Depth/Elevation (feet)	Total Unit Weight (pcf)	Cohesion (psf)	Friction Angle (degrees)	Allowable Skin Friction (psf)	Allowable Bearing Pressure (psf)
0 to 3 (1,107 to 1,104)	110	500	0	0	----
3 to 6-1/2 (1,104 to 1,100-1/2)	130	3,000	0	600	----
6-1/2 to 8 (1,774-1/2 to 1,770)	130	4,500	0	900	----
8 to 23 (1,770 to 1,760)	140	8,000	0	2,500	25,000

For straight shaft piers, the factored concrete weight and allowable skin friction along the pier's shaft resist the uplift forces. The compression loads are resisted by end bearing at the bottom of the drilled pier and skin friction along the perimeter of the drilled pier. Skin friction should be used for compression load from a depth of 3 feet to a depth equal to the drilled pier depth minus 1-1/2 shaft diameters.

As an alternative to drilled pier foundations, a mat foundation bearing on the very stiff clayey silt, very weak, completely weathered shale, and strong, faintly weathered limestone at a depth of 6 to 8 feet below finished grade may be used to support the tower. We anticipate the mat foundation will range from 33 to 35 feet square; however, the actual mat size may be controlled by the tower leg spacing. A net allowable soil bearing pressure of 5,000 psf may be used for design of a mat foundation bearing on the very stiff clayey silt, very weak, completely weathered shale, and strong, faintly weathered limestone. The allowable bearing pressure is based on a factor of safety of 3. The contractor must be prepared with heavy excavation equipment and a breaker bar to complete excavations in the very weak, completely weathered shale and strong, faintly weathered limestone. We anticipate excavated soils will be reused as engineered fill above the top of mat foundation. A total unit weight of 110 pcf may be used for the on-site clayey silt placed and compacted above the top of the mat foundation in an engineered manner. We recommend a factor of safety of 2 be applied to the total unit weight. Any rock fragments larger than 3 inches should not be used as engineered fill above the mat.

Subgrade soils at the equipment cabinet and generator pad locations will consist of medium to stiff clayey silt. A modulus of subgrade reaction value (k) of 125 pounds per cubic inch (pci) may be used for design of the reinforced concrete pads supported on the medium to stiff clayey silt. Some concrete pad heave and subsidence should be anticipated due to freeze-thaw effects.

We estimate tower foundation settlement will be 1/2- to 1 - inch. We base this estimate on our experience with similar soil and loading conditions.

CONSTRUCTION CONSIDERATIONS

Drilled Piers

We anticipate drilled pier excavation operations can be completed in an open excavation. The contractor must be prepared with a rock auger and core barrel to excavate the very weak, completely weathered shale and strong, faintly weathered limestone below an approximate depth of 8 feet. Once the drilled pier excavations have been completed to the design bearing depth, reinforcing steel should be set and concrete placed by free fall.

To reduce lateral movement of the drilled piers, the contractor must place the drilled pier concrete in intimate contact with undisturbed soil. This includes filling any voids or enlargements in the drilled pier shaft excavation with concrete at the time of drilled pier concrete placement. We recommend using a concrete mix design with a slump of 5 to 7 inches for free fall placement to reduce the potential for concrete arching and provide a workable material.

We recommend using a temporary form, such as sono tube, to form the top portion of the drilled pier. The use of this top form is a very beneficial aid to the correct placement and orientation of the anchor bolts for self-support towers.

Mat Foundation

We anticipate mat foundation excavations can be completed neatly in the medium to very stiff clayey silt and very weak, completely weathered shale. All excavations should be safely sloped, sheeted, shored, or braced in accordance with OSHA requirements. Excavations greater than 5 feet should be sloped at a maximum of 3/4 horizontal unit to 1 vertical unit (3/4H:1V) for safety in the medium to very stiff clayey silt and very weak, completely weathered shale.

We anticipate the mat foundation excavation will be dry at the recommend bearing depth range. In general, we expect accumulations of surface run-off water will be controllable with normal pumping from properly constructed sumps.

We recommend using a concrete mix design with a slump of 4 to 6 inches for the mat foundation to reduce the potential for concrete arching and provide a workable material. Backfill above the mat foundation must be placed in an engineered manner as described in the SITE PREPARATION section of this report.

GENERAL COMMENTS

We have formulated the evaluations and recommendations presented in this report relative to site preparation and foundations on the basis of data provided to us relating to the location, type, and grade for the proposed site. Any significant change in this data should be brought to our attention for review and evaluation with respect to the prevailing subsurface conditions. Furthermore, if changes occur in the design, location, or concept of the project, the conclusions and recommendations contained in this report are not valid unless G2 Consulting Group, LLC, reviews the changes. G2 Consulting Group, LLC will then confirm the recommendations presented herein or make changes in writing.

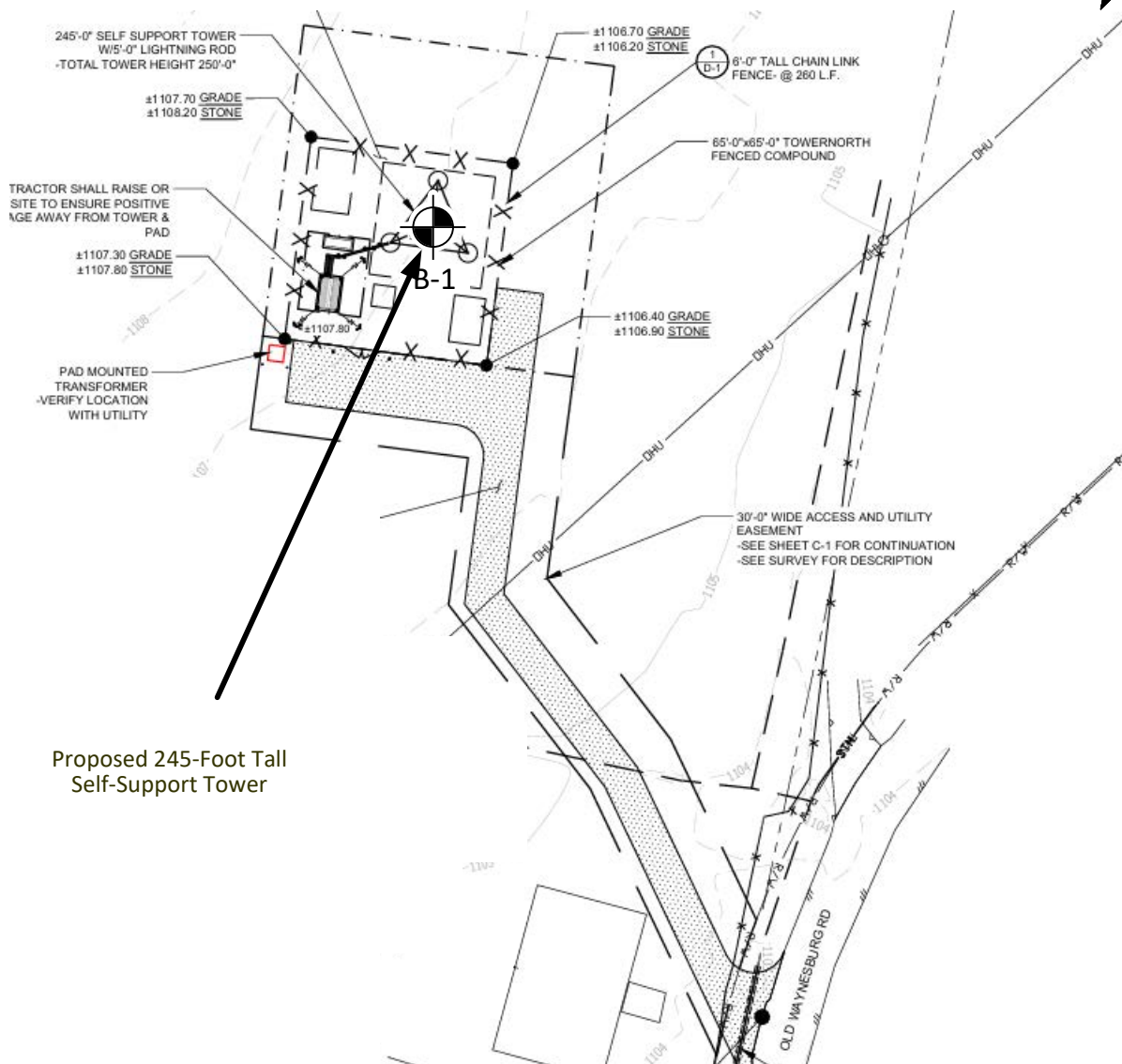
The scope of the present investigation was limited to evaluation of subsurface conditions for support of the proposed tower and other related aspects of the development. No chemical, environmental or hydrogeological testing or analyses were included in the scope of this investigation.

We base the analyses and recommendations submitted in this report upon the data from the soil boring performed at the approximate location shown on the Soil Boring Location Plan, Plate No. 1. This report does not reflect variations that may occur away from the actual boring location. The nature and extent of any such variations may not become clear until the time of construction. If significant variations then become evident, it may be necessary for us to re-evaluate our report recommendations.

Accordingly, we recommend G2 Consulting Group, LLC observe all geotechnical related work, including foundation construction, subgrade preparation, and engineered fill placement. G2 Consulting Group, LLC will perform the appropriate testing to confirm the geotechnical conditions given in the report are found during construction.

APPENDIX

SOIL BORING LOCATION PLAN	PLATE NO. 1
SOIL BORING LOG	FIGURE NO. 1
GENERAL NOTES TERMINOLOGY	FIGURE NO. 2
CLASSIFICATION OF ROCK STRATA	FIGURE NO. 3



Legend



Soil Boring Performed by Mathes Drilling Services
on August 6, 2026

Soil Boring Location Plan

TowerNorth Site KY0010-A LV Caney Creek / Verizon
Wireless MDG Loc. #5000995169
1705 Old Waynesburg Road
Eubank, Kentucky 42567



Project No. 262333

Drawn By: DAV

Date: 8-12-26

Scale: NTS

Plate
No. 1

Project Name: TowerNorth Site KY0010-A LV Caney Creek /
Verizon Wireless MDG Loc. #5000995169

Project Location: 1705 Old Waynesburg Road
Eubank, Kentucky 42567

G2 Project No. 262333



Soil Boring No. B-1

CONSULTING GROUP

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (ft)	PRO- FILE	GROUND SURFACE ELEVATION: 1107.0 ft ±	DEPTH (ft)	SAMPLE TYPE-NO.	BLOWS/ 6-INCHES	STD. PEN. RESISTANCE (N)	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP. STR. (PSF)
		1106.4 Topsoil: Dark Brown Silty Clay (7 inches) 0.6							
		Medium to Stiff Mottled Brown and Gray Clayey Silty with trace sand and gravel		S-1	1 1 1	2	18.9		2000*
		1104.0 3.0							
1102.0		Very Stiff Mottled Brown and Gray Clayey Silt with trace sand and gravel	5	S-2	1 3 5	8	17.5		6000*
		1100.5 6.5		S-3	7 50/5"	---	13.9		9000*
		1099.0 8.0							
1097.0			10						
		Rock Core RC-4 (8 to 18 feet) Recovery = 100% RQD = 92%							
1092.0			15						
		Strong Gray Faintly Weathered Limestone		RC-4					
1087.0			20						
		Rock Core RC-5 (18 to 23 feet) Recovery = 100% RQD = 84%							
		1084.0 23.0		RC-5					
		End of Boring @ 23 ft							
1082.0			25						

Total Depth: 23 ft
Drilling Date: August 06, 2026
Inspector:
Contractor: Mathes Drilling Services, LLC
Driller: R. Mathes
Drilling Method:
3-1/4-inch inside diameter hollow-stem augers and
NQ2 diamond-tipped core barrel

Water Level Observations:
Dry prior to rock coring operations

Notes:
* Calibrated Hand Penetrometer

Excavation Backfilling Procedure:
Auger cuttings

Figure No. 1

GENERAL NOTES TERMINOLOGY

Unless otherwise noted, all terms herein refer to the Standard Definitions presented in ASTM D 653.

PARTICLE SIZE

Boulders	- greater than 12 inches
Cobbles	- 3 inches to 12 inches
Gravel - Coarse	- 3/4 inches to 3 inches
- Fine	- No. 4 to 3/4 inches
Sand - Coarse	- No. 10 to No. 4
- Medium	- No. 40 to No. 10
- Fine	- No. 200 to No. 40
Silt	- 0.005mm to 0.074mm
Clay	- Less than 0.005mm

CLASSIFICATION

The major soil constituent is the principal noun, i.e. clay, silt, sand, gravel. The second major soil constituent and other minor constituents are reported as follows:

Second Major Constituent (percent by weight)	Minor Constituent (percent by weight)
Trace - 1 to 12%	Trace - 1 to 12%
Adjective - 12 to 35%	Little - 12 to 23%
And - over 35%	Some - 23 to 33%

COHESIVE SOILS

If clay content is sufficient so that clay dominates soil properties, clay becomes the principal noun with the other major soil constituent as modifier, i.e. sandy clay. Other minor soil constituents may be included in accordance with the classification breakdown for cohesionless soils, i.e. silty clay, trace sand, little gravel.

Consistency	Unconfined Compressive Strength (psf)	Approximate Range of (N)
Very Soft	Below 500	0 - 2
Soft	500 - 1,000	3 - 4
Medium	1,000 - 2,000	5 - 8
Stiff	2,000 - 4,000	9 - 15
Very Stiff	4,000 - 8,000	16 - 30
Hard	8,000 - 16,000	31 - 50
Very Hard	Over 16,000	Over 50

Consistency of cohesive soils is based upon an evaluation of the observed resistance to deformation under load and not upon the Standard Penetration Resistance (N).

COHESIONLESS SOILS

Density Classification	Relative Density %	Approximate Range of (N)
Very Loose	0 - 15	0 - 4
Loose	16 - 35	5 - 10
Medium Compact	36 - 65	11 - 30
Compact	66 - 85	31 - 50
Very Compact	86 - 100	Over 50

Relative Density of cohesionless soils is based upon the evaluation of the Standard Penetration Resistance (N), modified as required for depth effects, sampling effects, etc.

SAMPLE DESIGNATIONS

AS - Auger Sample - Cuttings directly from auger flight	ST - Shelby Tube sample - 3 inch diameter unless otherwise noted
BS - Bottle or Bag Samples	
S - Split Spoon Sample - ASTM D 1586	PS - Piston Sample - 3 inch diameter unless otherwise noted
LS - Liner Sample with liner insert 3 inches in length	RC - Rock Core - NX core unless otherwise noted

STANDARD PENETRATION TEST (ASTM D 1586) - A 2.0 inch outside-diameter, 1-3/8 inch inside-diameter split barrel sampler is driven into undisturbed soil by means of a 140-pound weight falling freely through a vertical distance of 30 inches. The sampler is normally driven three successive 6-inch increments. The total number of blows required for the final 12 inches of penetration is the Standard Penetration Resistance (N).

CLASSIFICATION OF ROCK STRATA

Rock shall be described in accordance with the following items of classification:

Type	Shale, sandstone, limestone, gneiss, etc.												
Jointing	Solid, broken (horizontal), fractured (vertical or inclined), weathered, disintegrated, seamy, etc. Note any significant features such as iron stain, classification, slickensides, clay filling, etc.												
Color	Gray, yellow, brown, black, etc.												
Percent Recovery	Equals length of core recovered divided by length of drill run.												
Hardness	Very weak, moderately weak, moderately strong, strong, very strong.												
	<table> <tr> <td>Very Weak</td><td>Can be scratched with thumbnail or plastic.</td></tr> <tr> <td>Moderately Weak</td><td>Can be scratched with copper penny, but not with thumbnail or plastic.</td></tr> <tr> <td>Moderately Strong</td><td>Can be scratched by steel (knife, screwdriver, nail, etc.), but not with penny, thumbnail or plastic.</td></tr> <tr> <td>Strong</td><td>Can be scratched only with considerable pressure on steel edge.</td></tr> </table> "Scratched" means a permanent impression left after core or rock surface is brushed or rubbed.	Very Weak	Can be scratched with thumbnail or plastic.	Moderately Weak	Can be scratched with copper penny, but not with thumbnail or plastic.	Moderately Strong	Can be scratched by steel (knife, screwdriver, nail, etc.), but not with penny, thumbnail or plastic.	Strong	Can be scratched only with considerable pressure on steel edge.				
Very Weak	Can be scratched with thumbnail or plastic.												
Moderately Weak	Can be scratched with copper penny, but not with thumbnail or plastic.												
Moderately Strong	Can be scratched by steel (knife, screwdriver, nail, etc.), but not with penny, thumbnail or plastic.												
Strong	Can be scratched only with considerable pressure on steel edge.												
Weathering	Completely Weathered, Highly Weathered, Moderately Weathered, Slightly Weathered, Faintly Weathered, Fresh.												
	<table> <tr> <td>Completely Weathered</td><td>All rock material is decomposed and/or disintegrated to soil. The original mass structure is still largely intact.</td></tr> <tr> <td>Highly Weathered</td><td>More than half of the rock material is decomposed and/or disintegrated to a soil. Fresh or discolored rock is present either as a discontinuous framework or as corestones.</td></tr> <tr> <td>Moderately Weathered</td><td>Less than half of the rock material is decomposed and/or disintegrated to a soil. Fresh or discolored rock is present either as a discontinuous framework or as corestones.</td></tr> <tr> <td>Slightly Weathered</td><td>Discoloration indicates weathering of rock material and discontinuity surfaces. All the rock material may be discolored by weathering and may be somewhat weaker than in its fresh condition.</td></tr> <tr> <td>Faintly Weathered</td><td>Discoloration on major discontinuity surfaces.</td></tr> <tr> <td>Fresh</td><td>No visible sign of rock material weathering.</td></tr> </table>	Completely Weathered	All rock material is decomposed and/or disintegrated to soil. The original mass structure is still largely intact.	Highly Weathered	More than half of the rock material is decomposed and/or disintegrated to a soil. Fresh or discolored rock is present either as a discontinuous framework or as corestones.	Moderately Weathered	Less than half of the rock material is decomposed and/or disintegrated to a soil. Fresh or discolored rock is present either as a discontinuous framework or as corestones.	Slightly Weathered	Discoloration indicates weathering of rock material and discontinuity surfaces. All the rock material may be discolored by weathering and may be somewhat weaker than in its fresh condition.	Faintly Weathered	Discoloration on major discontinuity surfaces.	Fresh	No visible sign of rock material weathering.
Completely Weathered	All rock material is decomposed and/or disintegrated to soil. The original mass structure is still largely intact.												
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Faintly Weathered	Discoloration on major discontinuity surfaces.												
Fresh	No visible sign of rock material weathering.												
Rock Quality Determination (RQD)	Length of core unbroken by natural joints in pieces greater than 4 inches in length divided by length of core run.												

An example of a rock description is as follows: Moderately Weak Gray Highly Weathered Limestone.

DIRECTIONS FROM PULASKI COUNTY FISCAL COURT

From the Pulaski County Fiscal Court (100 N Main Street; Somerset KY 42501), turn right onto West Mt. Vernon Street and continue onto Ohio Street. In +/- 0.2 miles, keep left onto Ogdon Street. In +/- 0.5 miles, turn right onto US-27 North. Follow US-27 North for +/-13.1 miles and turn right onto KY-70 East. In +/- 2.4 miles, turn right onto Old Waynesburg Road where the site will be on the right in +/-0.4 miles.

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

**MEMORANDUM OF OPTION AND LEASE AGREEMENT****Prepared by:**

Susan Masse
TowerNorth Development, LLC
2400 Ansys Drive, Suite 102
Canonsburg, PA 15317

Return to:

c/o Susan Masse
TowerNorth Development, LLC
172 Franklin Street
Warren, RI 02885

Re: Cell Site Name/Number: LV Caney Creek/ KY0010-A
Site Address: Old Waynesburg Rd, Eubank, KY 42567
State: Kentucky
County: Pulaski
Parcel No.: 055-0-1-11
Book/Page: 458/147

Susan Masse

MEMORANDUM OF OPTION AND LEASE AGREEMENT

THIS MEMORANDUM OF OPTION AND LEASE AGREEMENT (this "**Memorandum**") is made and entered into on this 15 day of June, 2026 ("**Effective Date**") by and between JEFFREY H. TODD AND MARILYN GROSSMAN, ("**Landlord**") with an address of 3470 North Highway 1247, Somerset, Kentucky 42503 and TOWNORTH DEVELOPMENT, LLC, a Delaware limited liability company ("**Tenant**"), having a mailing address of 2400 Ansys Drive, Suite 102, Canonsburg, Pennsylvania 15317.

1. Landlord is the fee simple owner of the land and property set forth on the attached Exhibit 1 ("**Property**").

2. Landlord and Tenant entered into a certain Option and Lease Agreement dated June 15, 2026, ("**Agreement**"), granting to Tenant an option to lease (the "**Option**") and, if exercised, a leasehold interest in a portion of the Property (the "**Premises**") more particularly set forth on the attached Exhibit 2, together with easements and rights of way for ingress, egress, regress and access thereto, as well as of the installation, operation, repair, maintenance, and replacement of above and below ground lines, cables, conduit, poles, pipes, boxes, installations, telephone, electrical and fiberoptic equipment for the use thereof by Tenant and its successors, assigns, customers, sublessees, licensees and invitees (the "**Easements**") and collectively with the Premises, the "**Leased Premises**"), all as more particularly set forth in the Agreement.

3. **Option.** The Option commenced as of the Effective Date and continues for an initial term of three (3) years (the "**Initial Option Term**"). Tenant has the right to extend the Option for one (1) additional period of three (3) years (the "**Extended Option Term**").

4. **Term.** If exercised by Tenant, the initial term of the Agreement is five (5) years (the "**Initial Term**") beginning on the date of written notice of the exercise of the Option by Tenant to Landlord (the "**Commencement Date**"). Tenant has the right to extend the Agreement for nine (9) additional terms of five (5) years each (each an "**Extension Term**"). The Agreement shall automatically renew for each successive Extension Term unless Tenant provides written notice to Landlord of its election not to renew this Agreement not less than sixty (60) days prior to the expiration of the Initial Term or any applicable Extension Term.

5. **Subletting; Licensing.** Tenant has the right to sublet or license all or any portion of the Premises or permit any portion of the Premises or Easements to be occupied or used by any other party or multiple parties, including subtenants, licensees or customers (including agents, contractors and subcontractors thereof) in connection with the provision of wireless communications services.

6. **Right of First Refusal; Rental Stream Offer.** The Agreement grants to Tenant a right of first refusal in connection with any and all requests, proposals or offers from certain third parties to acquire, lease or obtain an easement (or other right of way) under all or any portion of the Premises, all as more particularly set forth in the Agreement. Further, from and after the Effective Date, the Agreement grants to Tenant a right of first refusal and the right to acquire the rental stream associated with the Agreement in connection with any request, offer, proposal, agreement, promise or related right or document seeking an assignment or transfer of rent payments associated with the Agreement, all in accordance with the terms of the Agreement. A full and complete copy of the provisions referenced herein is on file with the Tenant.

7. This Memorandum of Lease is not intended to amend or modify and shall not be deemed or construed as amending or modifying, any of the terms, conditions or provisions of the Agreement, all of which are hereby ratified and affirmed and incorporated herein by reference. In the event of a conflict between the provisions of this Memorandum of Lease and the provisions of the Agreement, the provisions of the Agreement shall control. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

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

IN WITNESS WHEREOF, the parties have executed this Memorandum of Lease as of the day and year first above written.

LANDLORD: JEFFREY H. TODD AND
MARILYN GROSSMAN

By: Jeffrey H. Todd
Name: Jeffrey H. Todd
Date: 5-23-26

STATE OF KY
COUNTY OF Pulaski

On the 23rd day of May, 2026, before me, the undersigned Notary Public, duly commissioned and qualified, personally appeared in the State and County aforesaid the above named Jeffrey H. Todd, who declared that he/she/they knew the contents of the foregoing instrument, and acknowledged it to be his/her/their voluntary act and deed, in their name and in the capacity set forth above. Such person is:

☒ personally known to me or;
☐ has produced _____ as identification.



Gina Coner Roberts
Official Signature of Notary
Notary's printed or typed name: Gina Coner Roberts
My Commission Number: 505260
My Commission Expires: 04-18-2030

Signatures Continued On The Next Page

By: Marilyn Grossman
Name: Marilyn Grossman
Date: 5/23/2026

STATE OF Ky
COUNTY OF Polaski

On the 23rd day of May, 2026, before me, the undersigned Notary Public, duly commissioned and qualified, personally appeared in the State and County aforesaid the above named Marilyn Grossman, who declared that he/she/they knew the contents of the foregoing instrument, and acknowledged it to be his/her/their voluntary act and deed, in their name and in the capacity set forth above. Such person is:

☒ personally known to me or;
☐ has produced _____ as identification.



Gina Caner Roberts
Official Signature of Notary
Notary's printed or typed name: Gina Caner Roberts
My Commission Number: 505260
My Commission Expires: 04-18-2030

TENANT: TOWNORTH DEVELOPMENT,
LLC, a Delaware limited liability company

By: Bert Stern
Name: Bert Stern
Its: Chief Executive Officer
Date: 6/15/26

STATE OF New York
COUNTY OF Suffolk

On the 15th day of June, 2026, before me, the undersigned Notary Public, duly
commissioned and qualified, personally appeared in the State and County aforesaid the above-named Bert Stern,
who declared that he knew the contents of the foregoing instrument, and acknowledged it to be his voluntary act
and deed, in his name and in the capacity set forth above. Such person is:

☒ personally known to me or;
☐ has produced _____ as identification.

Official Signature of Notary
Notary's printed or typed name: Thomas E. Palumberi
My Commission Expires: 2/13/2030

OFFICIAL SEAL

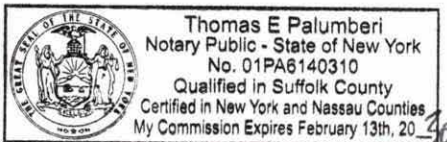


EXHIBIT 1
DESCRIPTION OF PROPERTY

The Property is legally described as follows:
Parcel ID#: 055-0-1-11

TRACT I:

One certain tract or parcel of land situated in Pulaski County, Kentucky, on the waters of Briary Creek, and bounded as follows:

Beginning on a rock in James Anderson's line running N 56° W 61½ poles to a rock, gum, black oak and post oak, in the old "Seminary" line, thence S 30 W 82 poles to a black oak and rock, thence S 66 E 88 poles with the Seminary line to a rock, a white oak marked as pointer, thence N 8 E 74 poles to the beginning, containing 34 A. 2 R. 24 P.

Being the same property conveyed to D. W. Gilliland by Wm. F. Lane, et ux, by Deed of Conveyance dated May 10, 1905, of record in Deed Book 65, page 522, Pulaski County Court Clerk's Office, Kentucky. The said D. W. Gilliland subsequently departed this life intestate on or about November 13, 1956, leaving as his only heirs at law, his widow, Julia Osburn Gilliland, and his daughter, Alma Gilliland Todd. The said Julia Osburn Gilliland subsequently departed this life intestate on or about March 7, 1966, leaving as her only heir at law, her daughter, Alma Gilliland Todd, first party herein, as shown by Affidavit of Descent of the said D. W. Gilliland and Julia Osburn Gilliland of record in Deed Book 269, page 158, Clerk's Office aforesaid.

TRACT II:

A certain tract or parcel of land lying and being in Pulaski County, Kentucky, on the waters of Buck Creek and bounded and described as follows:

Beginning at a stone on the West bank of a branch about 20 feet south of a forked sycamore in the branch and near the Eof and Waynesburg Road; thence South 83 E 55 poles to a gum and dogwood, J. E. Haught's corner; thence with said Haught's line 50 poles to Doc Gilliland's corner near a large white oak in the road; thence westward with the seminary line about 55 poles to a dogwood at the branch; thence southward down the branch about

17 poles to a mulberry in the branch; thence with the meanders of said branch to the beginning, containing 22 acres more or less.

THERE IS EXCEPTED from the foregoing that certain tract containing approximately two acres, more or less, conveyed by J. C. Todd, et ux, to Stella Kidd by Deed of Conveyance dated July 8, 1964, of record in Deed Book 257, page 323, Pulaski County Court Clerk's Office, Kentucky.

Being the remainder of that property conveyed to J. C. Todd and Alma Todd, his wife, or the survivor of them, by Leonard Kidd, et al, by Deed of Conveyance dated June 25, 1964, of record in Deed Book 257, page 320, Pulaski County Court Clerk's Office, Kentucky. The said J. C. Todd subsequently departed this life intestate on or about March 11, 1982, at which time Alma Todd, who is one and the same person as Alma Gilliland Todd, first party herein, became the owner of said property in fee simple.

EXHIBIT 2
DESCRIPTION OF PREMISES AND EASEMENTS

The Premises and Easements are described and/or depicted as follows:

Parcel ID#: 055-0-1-11

Coordinates: Latitude: 37.276453 / Longitude: -84.608313

Ground Elevation: 1107 feet AMSL

See Attached Drawing.

Notes:

1. THIS EXHIBIT MAY BE REPLACED BY A LAND SURVEY AND/OR CONSTRUCTION DRAWINGS OF THE PREMISES ONCE RECEIVED BY TENANT.
2. ANY SETBACK OF THE PREMISES FROM THE PROPERTY'S BOUNDARIES SHALL BE THE DISTANCE REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES.
3. WIDTH OF ACCESS ROAD SHALL BE THE WIDTH REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES, INCLUDING POLICE AND FIRE DEPARTMENTS.

TeleCAD Wireless

1861 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37143
PH: 423.843.9600
FAX: 423.843.9609

TowerNorth

verizon

THE INFORMATION CONTAINED IN THIS DOCUMENT IS UNCLASSIFIED AND NOT FOR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY: JAE
CHECKED BY: DS

REVISIONS

#	DATE	BY	DESCRIPTION
B	04/09/26	MDR	LEASE EXHIBIT
A	04/07/26	JAE	LEASE EXHIBIT

TOWERNORTH SITE NAME:
LV CANEY CREEK

TOWERNORTH SITE #:
KY0010

SITE ADDRESS:
OLD WAYNESBURG RD
EUBANK, KY 42567

SITE TYPE:
RAWLAND

LATITUDE:
37° 16' 35.2302" N

LONGITUDE:
84° 38' 29.9202" W

SHEET TITLE:
TITLE SHEET

DRAWING #:
LE1

REVISION:
B

SHEET INDEX

NO.	DESCRIPTION
LE1	TITLE SHEET
LE2	OVERALL SITE LAYOUT
LE3	TOWER ELEVATION & SITE LAYOUT

SCOPE OF WORK

- INSTALL A NEW 245' 0" SELF SUPPORT WITH 15' 0" LIGHTNING ROD (OVERALL 250' 0")
- INSTALL A NEW 65' X 65' FENCED COMPOUND WITHIN A 100' X 100' LEASE AREA
- INSTALL A NEW UTILITY H-FRAME WITHIN THE NEW FENCED COMPOUND
- INSTALL A NEW 15' X 15' FENCED COMPOUND WITHIN THE NEW FENCED COMPOUND
- INSTALL NEW ANTENNAS, LINES, COAX, GPS AND RADIO EQUIPMENT
- INSTALL NEW UNDERGROUND POWER AND FIBER CONDUITS WITHIN THE DESIGNATED UTILITY EASEMENT TO NEW UTILITY H-FRAME

AERIAL MAP

NOT TO SCALE

verizon

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

TowerNorth

TOWERNORTH SITE NAME: LV CANEY CREEK
VERIZON SITE NAME: LV CANEY CREEK

OLD WAYNESBURG RD
EUBANK, KY 42567

LOCATION MAP

NOT TO SCALE

VICINITY MAP

NOT TO SCALE

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

PROJECT SUMMARY

TOWERNORTH SITE NAME: LV CANEY CREEK

SITE ADDRESS: OLD WAYNESBURG RD
EUBANK, KY 42567

COUNTY: PULASKI

SITE COORDINATES:
LATITUDE: 37° 16' 35.2302" N
LONGITUDE: 84° 38' 29.9202" W
ELEVATION: 1107' AMSL

PROPERTY OWNER: JEFFREY TODD
606-679-4854

STRUCTURE TYPE: SELF SUPPORT

PROPOSED TOWER HEIGHT: 245' 0"

TOWER OWNER: TOWERNORTH
2400 ANSYS DRIVE, SUITE 102
CANONSBURG, PA 15117

TOWER OWNER CONTACT: CONTACT: JAMES FRANCISCO
PHONE: 724-343-5867
EMAIL: TBD

VERIZON SITE NAME: LV CANEY CREEK

FUZE PROJECT ID: TBD

MDG LOCATION ID: TBD

BUILDING 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:

BUILDING CODE: 2018 KENTUCKY BUILDING CODE (IBC 2015)

TIMEA-222 - REVISION 11

STRUCTURAL CODE: 2018 KENTUCKY BUILDING CODE (IBC 2015)

PLUMBING CODE: 2023 NATIONAL PLUMBING CODE (NPC)

ELECTRICAL CODE: 2023 NATIONAL ELECTRICAL CODE (NEC)

FIRE/LIFE SAFETY CODE: 2015 INTERNATIONAL FIRE CODE (IFC)

GAS CODE: 2012 NATIONAL FUEL GAS CODE (NFPA 54)

ACCESSIBILITY REQUIREMENTS

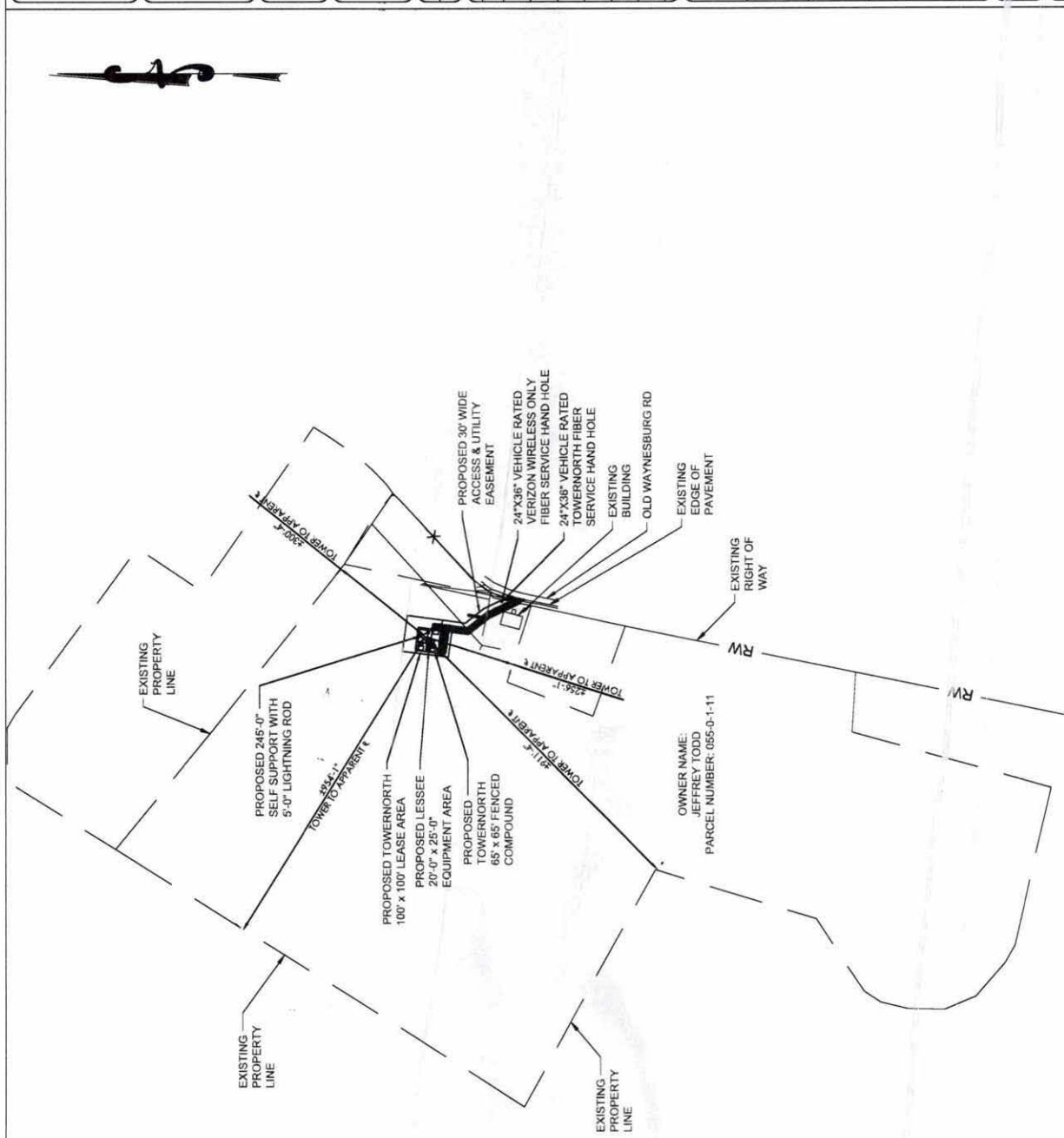
FOR HUMAN HABITATION, HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2015 IBC BUILDING CODE.

STRUCTURAL REVIEW

TOWER AND MOUNT ANALYSIS PERFORMED BY OTHERS.

NOTES:

1. THIS DRAWING IS BASED ON A PRELIMINARY SURVEY.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. ALL DIMENSIONS AND SPACING ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.



TeleCAD Wireless
1961 NORTHPOINT BLVD, SUITE 130
NORTHPOINT, KY 42361
PH: 423.843.9600
FAX: 423.843.9609

TowerNorth

verizon

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

DRAWN BY	JAE	JAE	2/1/11
CHECKED BY	DS		

REVISIONS			
#	DATE	BY	DESCRIPTION
B	04/09/26	MDR	LEASE EXHIBIT
A	04/07/26	JAE	LEASE EXHIBIT

TOWERNORTH SITE NAME:	LV CANEY CREEK
TOWERNORTH SITE #:	KY0010
SITE ADDRESS:	OLD WAYNESBURG RD EUBANK, KY 42567
SITE TYPE:	RAWLAND
LATITUDE:	37° 15' 35.2302" N
LONGITUDE:	84° 36' 29.8262" W

SHEET TITLE:	OVERALL SITE LAYOUT PLAN
DRAWING #	LE2
REVISION:	B

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

TowerNorth



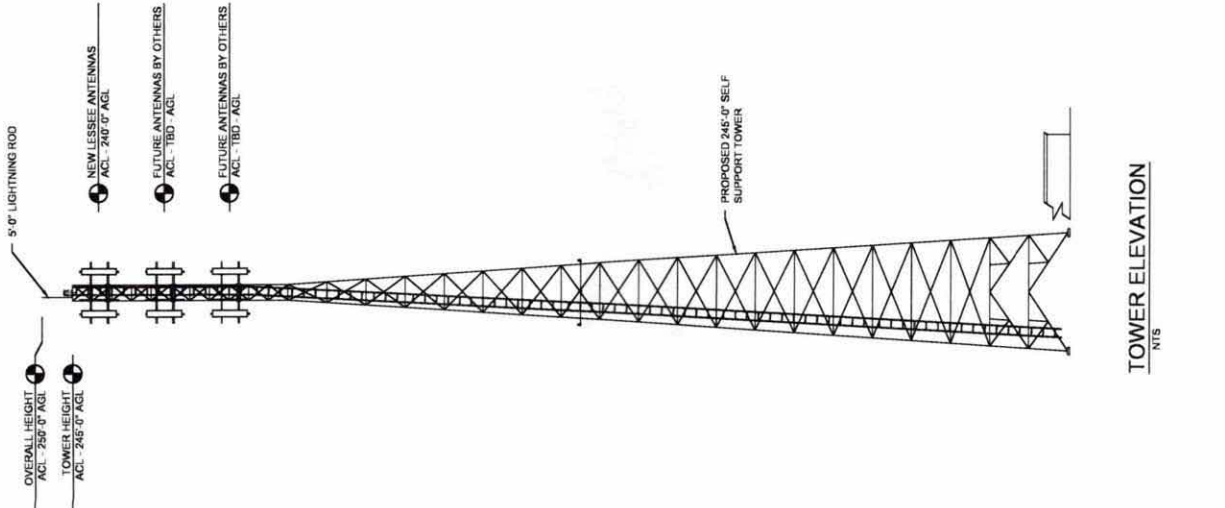
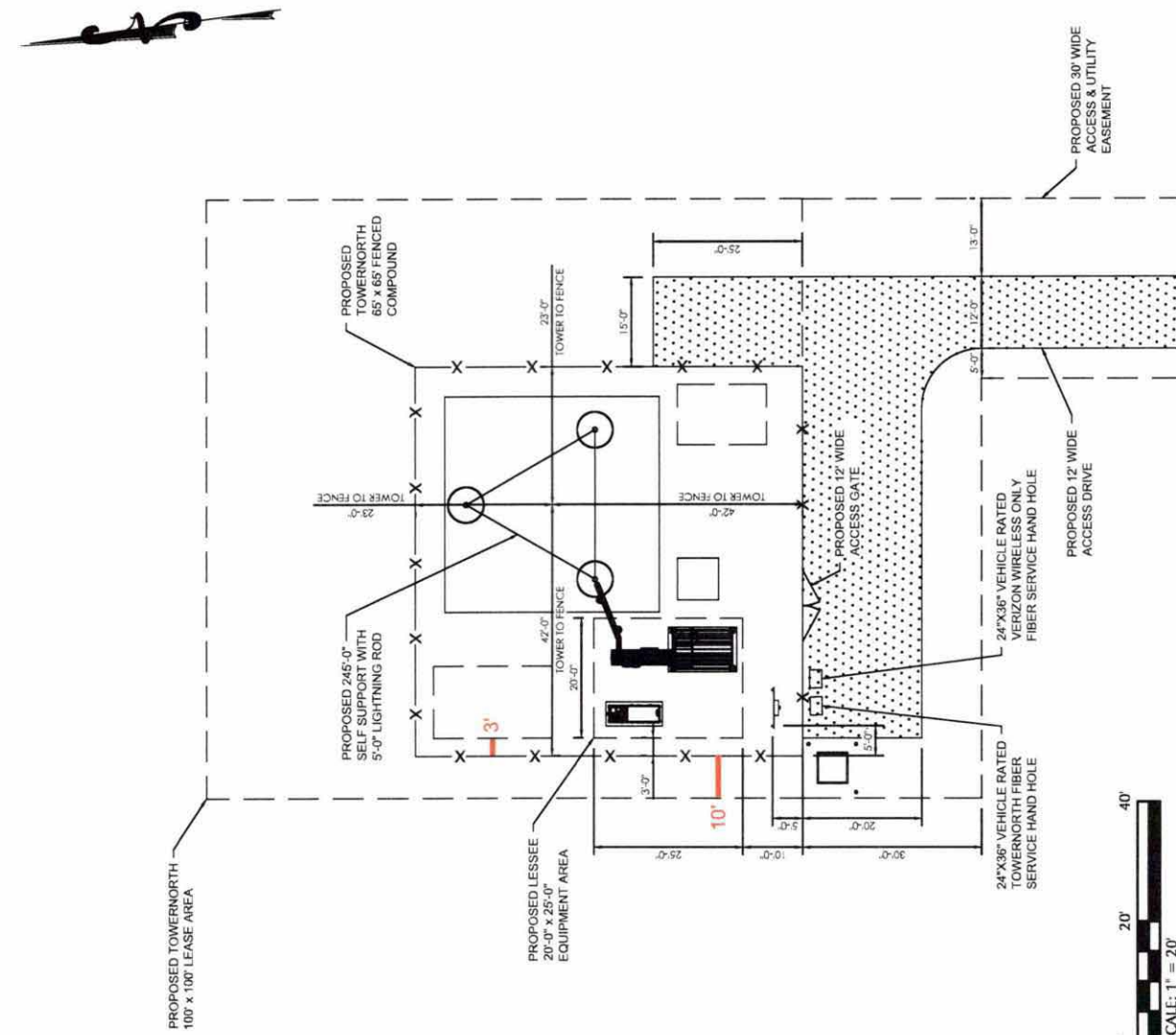
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY	JAE
CHECKED BY	DS

REVISIONS					
				04/09/26	LEASE EXHIBIT
				JAE	LEASE EXHIBIT
				DATE BY	DESCRIPTION

TOWERNORTH SITE NAME :	LV CANEY CREEK
TOWERNORTH SITE # :	KY0010
SITE ADDRESS :	OLD WAYNESBURG RD ELIZABETH, KY 42027
SITE TYPE :	RAWLAND
LATITUDE :	37° 16' 35.2302" N
LONGITUDE :	84° 36' 28.9262" W

SHEET TITLE : TOWER ELEVATION & SITE LAYOUT	
DRAWING # : LE3	REVISION : B



**SCHEDULE A
ENVIRONMENTAL DISCLOSURE**

Landlord represents and warrants that the Property, as of the date of this Agreement, is free of hazardous substances except as follows:

1. NONE.

Filed: 07/28/2026 10:11:30 AM
Tim Price, County Clerk
Pulaski County, KY

Received By: ALEISHA ROBERTS



ClarkQuinn

www.clarkquinnlaw.com

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

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

September 10, 2026

**Notice of Proposed Construction of
Wireless Communications Facility
Site Name: Caney Creek**

Cellco Partnership, d/b/a Verizon Wireless and TowerNorth Development, LLC are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 1705 Old Waynesburg Road; Eubank, KY 42567. (North Latitude: 37° 16' 35.91", West Longitude 84° 36' 30.32"). The proposed facility will include a 245-foot-tall lattice antenna tower, plus a 5-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00250 in any correspondence sent in connection with this matter.

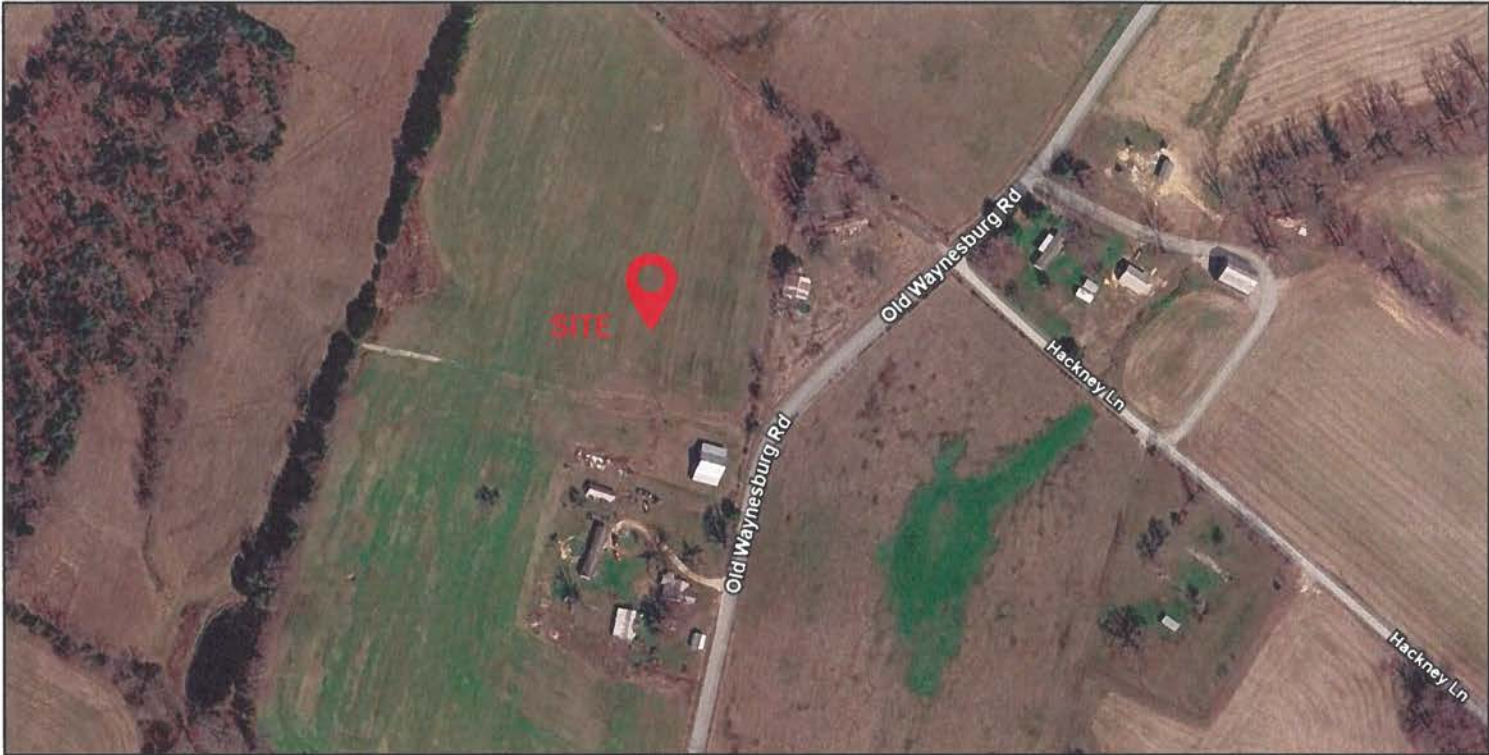
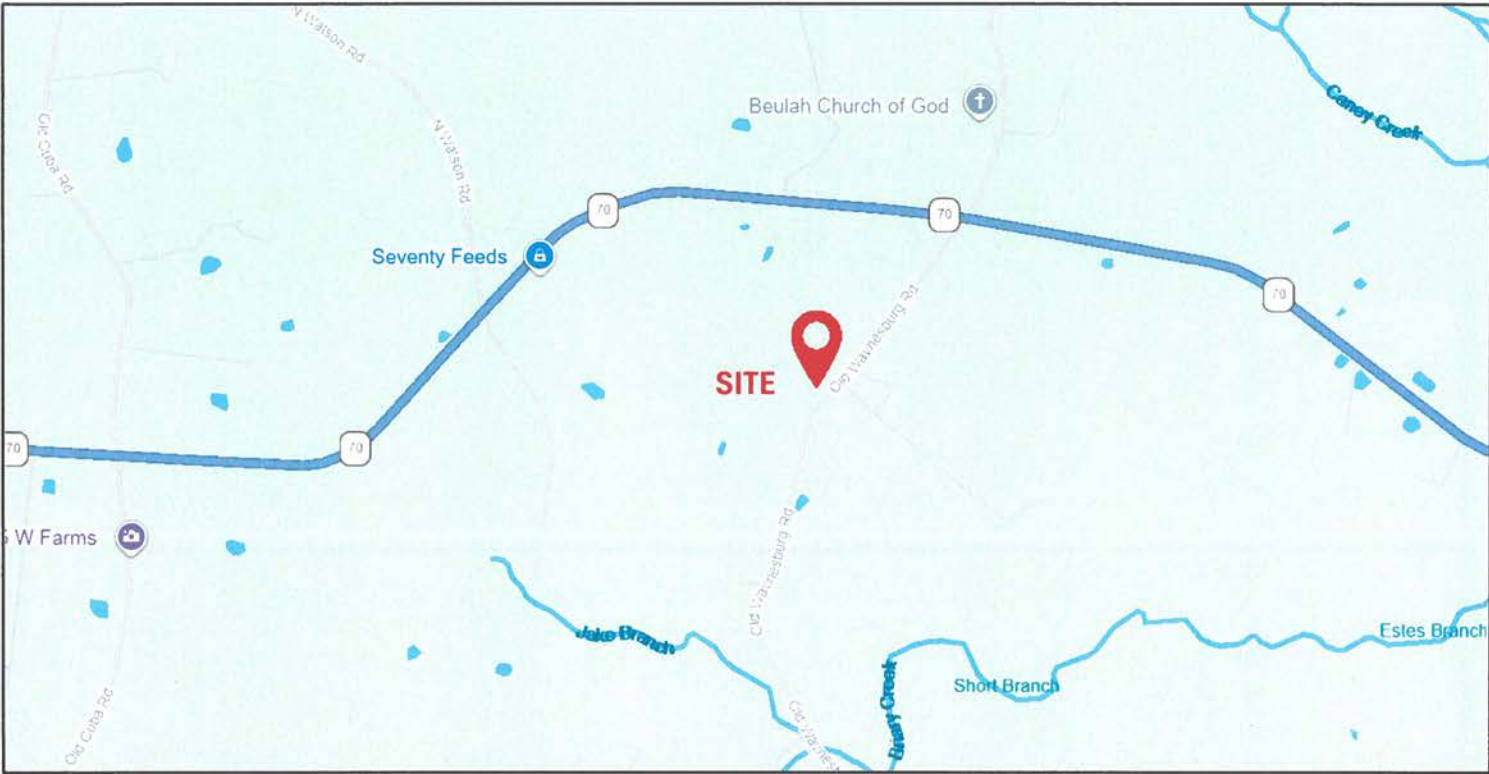
We have attached a map showing the site location for the proposed tower. Applicant's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area.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

Sincerely,
Russell L. Brown


Attorney for Applicant

RLB/jmc
Enclosure

LOCATION MAP | KY0010 CANEY CREEK | 1705 OLD WAYNESBURG RD; EUBANK KY 42567
PSC CASE No 2026-00250



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

CERTIFIED MAIL®



9589 0710 5270 1450 3445 74

Todd Jeffrey H
& Marilyn Grossman
3470 N Hwy 1247
Somerset, KY 42503

FIRST-CLASS



US POSTAGE[®] PITNEY BOWES



ZIP 46204 \$ 010.98⁰
02 7H
0006035028 SEP 10 2026

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

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

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9589 0710 5270 1450 3445 81

Bobby & Regina Ashley
240 Floyd Switch Spur
Eubank, KY 42567

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9589 0710 5270 1450 3445 98

Donaldson Investments LLC
1518 Allen Rd
Waynesburg, KY 40489

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9589 0710 5270 1450 3446 04

Todd June W Farm Rev Liv Tr,
c/o June W. Todd, Trustee
11891 N Hwy 27
Eubank, KY 42567

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9589 0710 5270 1450 3447 41

Kimberly Ruth Adams
1325 Old Waynesburg Rd
Eubank, KY 42567

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9589 0710 5270 1450 3447 58

Tammy O'Connor
1375 Waynesburg Rd
Eubank, KY 42567

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Clark, Quinn, Moses, Scott & Grahn, LLP

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9589 0710 5270 1450 3447 65

Dorothy F. Arn
1460 Old Waynesburg Rd
Eubank, KY 42567

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0006035028 SEP 10 2026

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9589 0710 5270 1450 3447 72

Dennis W & Norma J Carlton
1366 Old Waynesburg Rd
Eubank, KY 42567

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0006035028 SEP 10 2026

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OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

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9589 0710 5270 1450 3447 89

Mason & Taylor Bumgardner
1665 Old Waynesburg Rd
Eubank, KY 42567

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02 7H
0006035028 SEP 10 2026

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9589 0710 5270 1450 3442 39

Lundy Rental LLC
302 Jefferson Ave
Cincinnati, OH 45217

FIRST-CLASS



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ZIP 46204 \$ 010.98⁰
02 7H
0006035028 SEP 10 2026

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OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

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9589 0710 5270 1450 3442 46

Fanny Ann Warren
1820 Old Waynesburg Rd
Eubank, KY 42567

FIRST-CLASS



US POSTAGE^{IMPITNEY BOWES}



ZIP 46204 \$ 010.98⁰
02 7H
0006035028 SEP 10 2026

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

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

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9589 0710 5270 1450 3442 53

Lundy Rental Properties LLC
302 Jefferson Ave
Cincinnati, OH 45217

FIRST-CLASS



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02 7H
0006035028 SEP 10 2026

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:

Lundy Rental Properties LLC
302 Jefferson Ave
Cincinnati, OH 45217



9590 9402 9230 4295 7635 34

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3442 53

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)

Th. u. l. h.

C. Date of Delivery

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

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured MailMail Restricted Delivery
(00)☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Dennis W & Norma J Carlton
1366 Old Waynesburg Rd
Eubank, KY 42567



9590 9402 9230 4295 7635 72

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3447 72

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Norma J Carlton*X *Norma Carlton*
☐ Agent
☒ Addressee

B. Received by (Printed Name)

C. Date of Delivery

9-17-26

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

P.O. Eubank, Ky

3. Service Type

- | | |
|--|---|
| ☐ Adult Signature | ☐ Priority Mail Express® |
| ☐ Adult Signature Restricted Delivery | ☐ Registered Mail™ |
| ☐ Certified Mail® | ☐ Registered Mail Restricted Delivery |
| ☐ Certified Mail Restricted Delivery | ☐ Signature Confirmation™ |
| ☐ Collect on Delivery | ☐ Signature Confirmation Restricted Delivery |
| ☐ Collect on Delivery Restricted Delivery | |

☐ Mail
☐ Mail Restricted Delivery (500)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Lundy Rental LLC
302 Jefferson Ave
Cincinnati, OH 45217



9590 9402 9230 4295 7635 58

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3442 39

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- | | |
|--|---|
| ☐ Adult Signature | ☐ Priority Mail Express® |
| ☐ Adult Signature Restricted Delivery | ☐ Registered Mail™ |
| ☐ Certified Mail® | ☐ Registered Mail Restricted Delivery |
| ☐ Certified Mail Restricted Delivery | ☐ Signature Confirmation™ |
| ☐ Collect on Delivery | ☐ Signature Confirmation Restricted Delivery |
| ☐ Collect on Delivery Restricted Delivery | |

☐ Mail
☐ Mail Restricted Delivery (00)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Dorothy F. Ann
1460 Old Waynesburg Rd
Eubank, KY 42567



9590 9402 9230 4295 7635 89

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3447 65

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

9-17-26

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

3. Service Type

- | | |
|--|---|
| ☐ Adult Signature | ☐ Priority Mail Express® |
| ☐ Adult Signature Restricted Delivery | ☐ Registered Mail™ |
| ☐ Certified Mail® | ☐ Registered Mail Restricted Delivery |
| ☐ Certified Mail Restricted Delivery | ☐ Signature Confirmation™ |
| ☐ Collect on Delivery | ☐ Signature Confirmation Restricted Delivery |
| ☐ Collect on Delivery Restricted Delivery | |

☐ Mail
☐ Mail Restricted Delivery (00)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Mason & Taylor Bumgardner
1665 Old Waynesburg Rd
Eubank, KY 42567



9590 9402 9230 4295 7635 65

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3447 89

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Mason Bumgardner*☐ Agent☒ Addressee

B. Received by (Printed Name)

C. Date of Delivery

9-18-26

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

P.O. Schults 42567

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

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

Mail

Mail Restricted Delivery

(00)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Donaldson Investments LLC
1518 Allen Rd
Waynesburg, KY 40489



9590 9402 9230 4295 7636 26

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3445 98

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? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

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

Mail

Mail Restricted Delivery

(00)

Domestic Return 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:

Todd June W Farm Rev Liv Tr,
c/o June W. Todd, Trustee
11891 N Hwy 27
Eubank, KY 42567



9590 9402 9230 4295 7636 19

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3446 04

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? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

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

Mail

Mail Restricted Delivery

(00)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Fanny Ann Warren
1820 Old Waynesburg Rd
Eubank, KY 42567



9590 9402 9230 4295 7635 41

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3442 46

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Daniel Ferguson*☒ Agent☐ Addressee

B. Received by (Printed Name)

Daniel Ferguson

C. Date of Delivery

*9-16-26*D. Is delivery address different from item 1? ☒ YesIf YES, enter delivery address below: ☐ No*P.O. Eubank Ky 42567*

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail

Mail Restricted Delivery

(00)

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted

Delivery

☐ Signature Confirmation™☐ Signature Confirmation

Restricted Delivery

Domestic Return Receipt

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- 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:

Bobby & Regina Ashley
240 Floyd Switch Spur
Eubank, KY 42567



9590 9402 9230 4295 7636 33

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3445 81

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*☐ Agent☐ Addressee

B. Received by (Printed Name)

[Signature]

C. Date of Delivery

*9-14-26*D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail

Mail Restricted Delivery

(00)

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted

Delivery

☐ Signature Confirmation™☐ Signature Confirmation

Restricted Delivery

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US POSTAGE IMPITNEY BOWES



ZIP 46204
02 7H
0006035028

\$ 010.98⁰
SEP 10 2026

Kimberly Ruth Adams
1325 Old Waynesburg Rd
Eubank, KY 42567

9-14

9-19

NIXIE 372 CE 1 7210/03/26

RETURN TO SENDER
UNCLAIMED
UNABLE TO FORWARD

MANUAL PROC REQ *0312-01829-11-46

56558>8855
425678573 R

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US POSTAGE IMPITNEY BOWES



ZIP 46204
02 7H
0006035028

\$ 010.98⁰
SEP 10 2026

Tammy O'Connor
1375 Waynesburg Rd
Eubank, KY 42567

9-14

9-19

NIXIE 372 CE 1 7210/03/26

RETURN TO SENDER
UNCLAIMED
UNABLE TO FORWARD

MANUAL PROC REQ *0312-01831-11-46

56008>0000
425678573 R

9331029813181348

Tracking Number:

[Remove X](#)**9589071052704685221047**[Copy](#)[Add to Informed Delivery](#)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 12:24 pm on October 7, 2026 in LEXINGTON, KY 40502.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Front Desk/Reception/Mail Room

LEXINGTON, KY 40502

October 7, 2026 12:24 PM

Arrived at USPS Facility

LEXINGTON KY DISTRIBUTION CENTER

October 6, 2026 11:38 AM

Arrived at USPS Facility

LOUISVILLE KY DISTRIBUTION CENTER

October 5, 2026 8:26 AM

Forwarded

MOUNT STERLING, KY

September 29, 2026 3:19 PM

Forwarded

MOUNT STERLING, KY

September 29, 2026 2:14 PM

- **Arrived at USPS Facility**
LEXINGTON KY DISTRIBUTION CENTER
September 28, 2026 11:25 AM
- **Arrived at USPS Facility**
INDIANAPOLIS IN DISTRIBUTION CENTER
September 24, 2026 9:35 PM
- **Hide Tracking History**

What Do USPS Tracking Statuses Mean?

Text & Email Updates	▼
USPS Tracking Plus®	▼
Product Information	▼

See Less ^

Tracking Number:

9589071052704685221054

Copy

Add to Informed Delivery

Remove X

Latest Update

This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

Get More Out of USPS Tracking:
USPS Tracking Plus®



Delivery Attempt

Reminder to Schedule Redelivery of your item

October 3, 2026



Notice Left (No Authorized Recipient Available)

KINGSPORT, TN 37660

September 28, 2026 3:49 PM



Arrived at USPS Facility

JOHNSON CITY, TN 37602

September 27, 2026 9:06 AM



Arrived at USPS Facility

INDIANAPOLIS IN DISTRIBUTION CENTER

September 24, 2026 9:36 PM



Hide Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates



USPS Tracking Plus®



Product Information



See Less ^

Tracking Number:

Remove X

9589071052704685221078

Copy

Add to Informed Delivery

Latest Update

Your item was picked up at the post office at 3:30 pm on September 30, 2026 in MOUNT STERLING, KY 40353.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Post Office

MOUNT STERLING, KY 40353
September 30, 2026 3:30 PM

Notice Left (No Authorized Recipient Available)

MOUNT STERLING, KY 40353
September 29, 2026 2:16 PM

Arrived at USPS Facility

LEXINGTON KY DISTRIBUTION CENTER
September 27, 2026 2:21 PM

Arrived at USPS Facility

INDIANAPOLIS IN DISTRIBUTION CENTER
September 24, 2026 9:36 PM

Hide Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates



USPS Tracking Plus®



Product Information



See Less ^

Track Another Package

Enter tracking or barcode numbers



ClarkQuinn

www.clarkquinnlaw.com

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

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

September 10, 2026

Via Certified Mail, Return Receipt Requested
9589 0710 5270 4685 2209 96

Hon. Marshall Todd
Pulaski County Judge / Executive
100 N Main St, Suite 202
Somerset KY 42501

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2026-00250
Site Name: Caney Creek

Dear Judge Todd:

Cellco Partnership, d/b/a Verizon Wireless and TowerNorth Development, LLC are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 1705 Old Waynesburg Road; Eubank, KY 42567. (North Latitude: 37° 16' 35.91", West Longitude 84° 36' 30.32"). The proposed facility will include a 245-foot-tall lattice antenna tower, plus a 5-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00250 in any correspondence sent in connection with this matter.

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

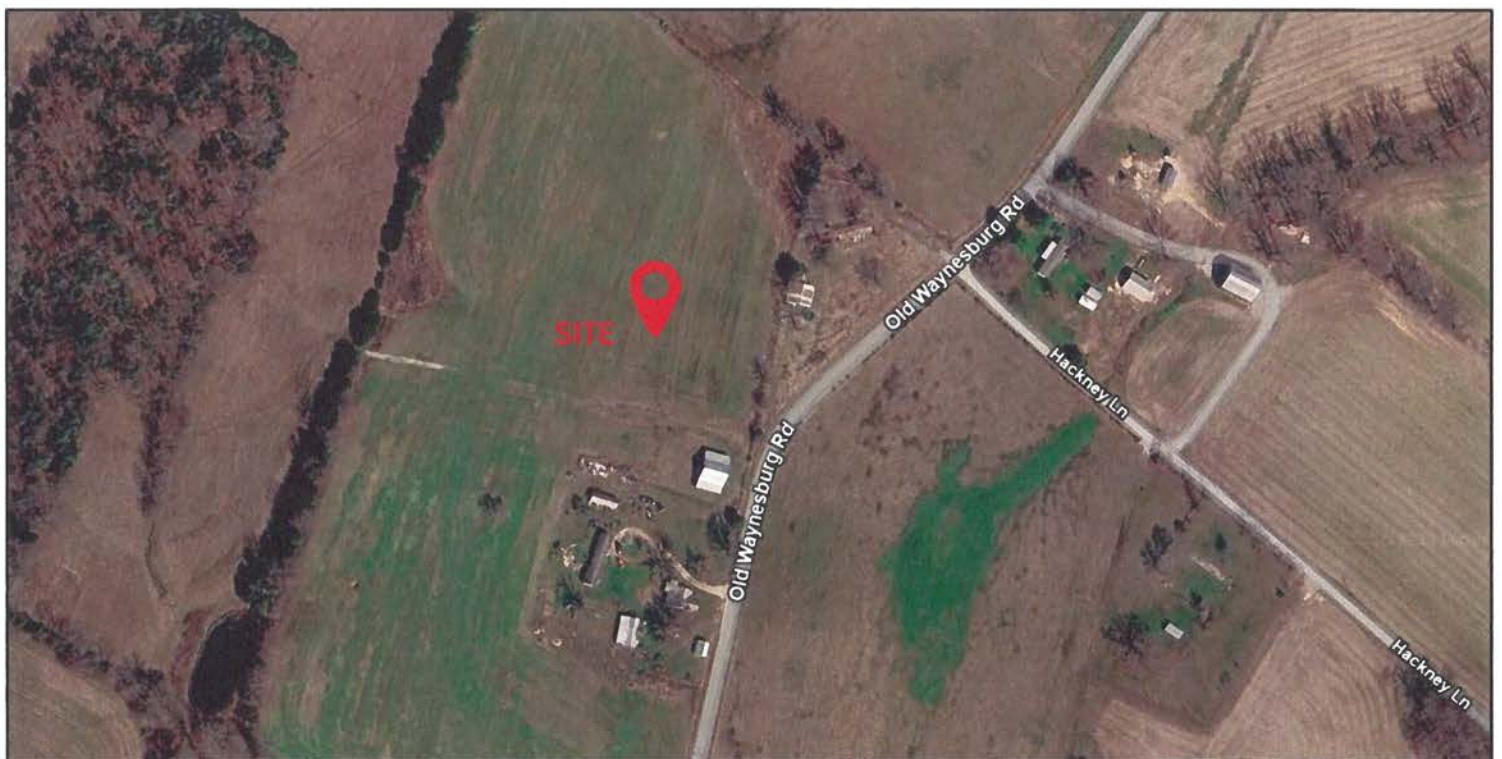
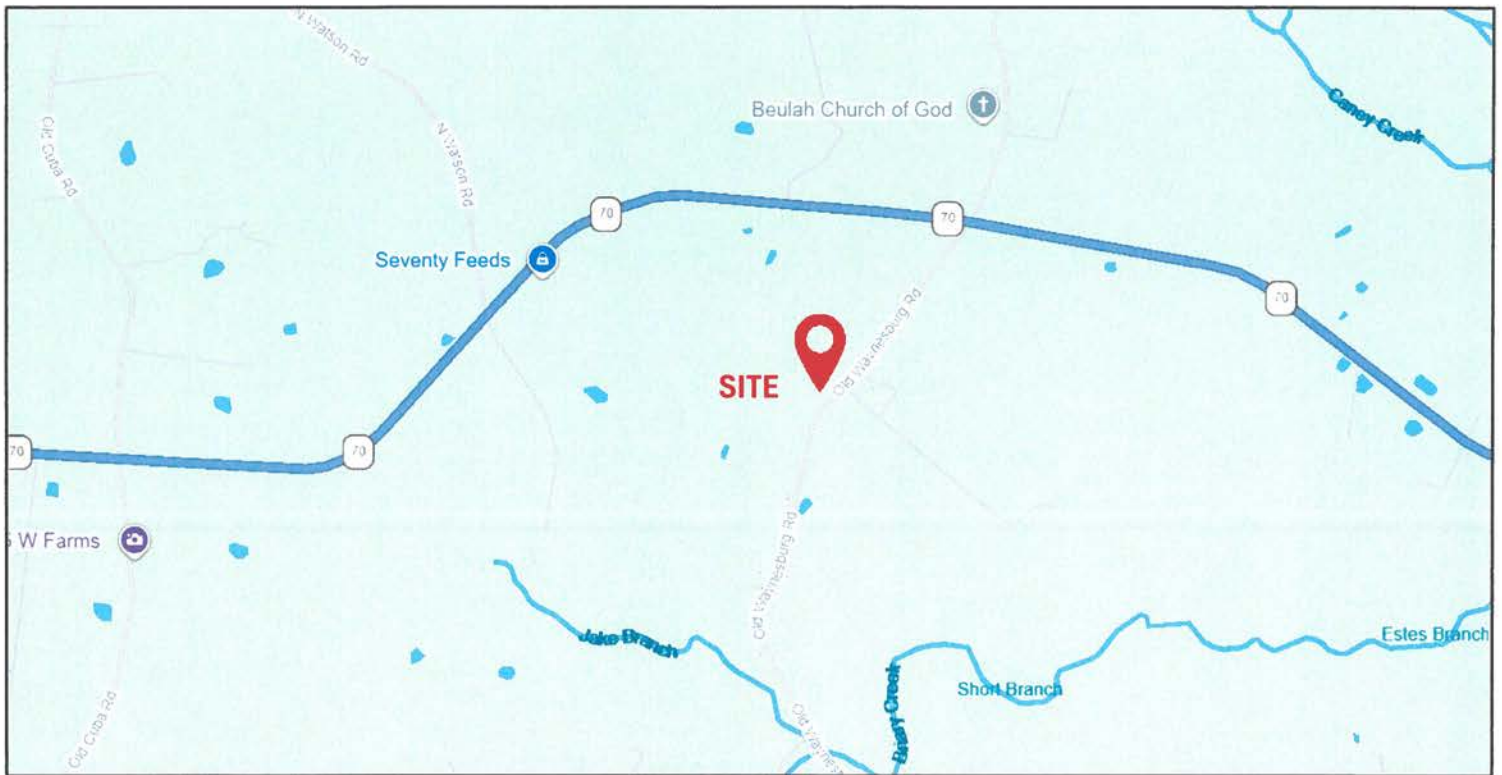
Sincerely,
Russell L. Brown



Attorney for Applicant

RLB/jmc
Enclosure

LOCATION MAP | KY0010 CANEY CREEK | 1705 OLD WAYNESBURG RD; EUBANK KY 42567
PSC CASE No 2026-00250



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

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

CERTIFIED MAIL®



9589 0710 5270 4685 2209 96

FIRST-CLASS



US POSTAGE™ PITNEY BOWES
ZIP 46204 \$ 010.98⁰
02 7H
0006035028 SEP 10 2026

Hon. Marshall Todd
Pulaski County Judge / Executive
100 N Main St, Suite 202
Somerset KY 42501

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Hon. Marshall Todd
Pulaski County Judge / Executive
100 N Main St, Suite 202
Somerset KY 42501



9590 9402 9230 4295 7625 13

2. Article Number (Transfer from service label)

9589 0710 5270 4685 2209 96

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☒ Agent☐ Addressee

B. Received by (Printed Name)

John Alexander

C. Date of Delivery

9-14-26

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

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail

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

Mail Restricted Delivery
(00)

Domestic Return Receipt

SITE NAME: KY0010 LV CANEY CREEK 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.

TowerNorth Development, LLC and Cellco Partnership, d/b/a Verizon Wireless proposes to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahn, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00250 in your correspondence.

TowerNorth Development, LLC and Cellco Partnership, d/b/a Verizon Wireless proposes to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahn, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00250 in your correspondence.



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

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

VIA EMAIL: news@somerset-kentucky.com
rramsey@somerset-kentucky.com

Commonwealth Journal
110 – 112 East Mt. Vernon Street
Somerset KY 42501

Land Use Consultants
Joseph M. Csikos, AICP

RE: Legal Notice Advertisement
Site Name: Caney Creek

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

To Whom It May Concern,

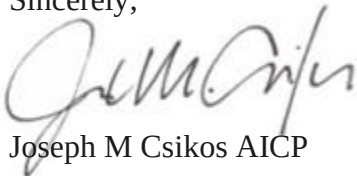
Please publish the following legal notice advertisement in the next available edition of The Commonwealth Journal serving Pulaski County, KY:

NOTICE

Cellco Partnership, d/b/a Verizon Wireless and TowerNorth Development, LLC are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 1705 Old Waynesburg Road; Eubank KY 42567. (North Latitude: 37° 16' 35.91", West Longitude 84° 36' 30.32"). The proposed facility will include a 245-foot-tall antenna tower, plus a 5-foot lightning arrestor and related ground facilities. Site name is Caney Creek. You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00250 in any correspondence sent in connection with this matter.

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

Sincerely,



Joseph M Csikos AICP





June 9th, 2026

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

Tower Developer and Owner: TowerNorth Development, LLC

Facility Site Name: LV Caney Creek

Type of Tower: Self Support (Lattice Tower)

Tower Height: 245 feet

Location: 1705 Old Waynesburg Road, Eubank, KY 42567

To Whom It May Concern:

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

The LV Caney Creek site is proposed to provide coverage to the residents and businesses along HWY 70, east of the city of Eubank. Currently Verizon customers are experiencing poor service along HWY 70, east of the city of Eubank ("Gap Area"). The new proposed tower is needed so that Verizon can provide critical service improvements to its customers in the area, including first responders, residents, and businesses.

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

Verizon cares about the communities it serves and prefers to collocate on existing structures when feasible. Collocation typically involves lower construction costs, faster deployment, and environment protection. For these reasons, Verizon makes every effort to investigate the feasibility for using existing towers or other tall structures for collocation when designing a new site or system expansion.

However, collocation on an existing tower or tall structure is not always feasible due to location of existing cell sites. Cell sites are placed in a way so they provide a smooth hand off to each other and are placed at some distance from each other to eliminate too much overlap. Too much overlap may result in a waste of resources or raise a system capacity overload concern.

Here, Verizon is currently collocated on several existing towers in the areas surrounding the Search Area. However, there are no existing structures within the Search Area on which Verizon could collocate to meet its coverage and capacity objectives in the Gap Area. For this reason, Verizon worked to identify a site in the Search Area on which a new tower could be built that would meet the stated objectives. The proposed new tower, located at 1705 Old Waynesburg Road, Eubank, KY 42567, will be built near the center of the Search Area. Both the proposed location and height of the tower are designed to meet the stated objectives with a single tower. Specifically, the tower will have an overall tower height of 245' with Verizon's equipment installed at a centerline of 240'. This centerline is the minimum height necessary to allow Verizon to be able to adequately cover the Gap Area and to offload traffic from the nearby existing Verizon sites that are currently overloaded. If Verizon is limited to installing its equipment at a centerline that is lower than the proposed height, another tower would be needed in the vicinity in the near future in order to provide the additional coverage and capacity offload that is needed in the Gap Area.

If TowerNorth Development, LLC is unable to build the proposed site, and therefore Verizon is unable to collocate its equipment on it at a centerline of 240', Verizon will be prohibited from serving its customers in the Gap Area.

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

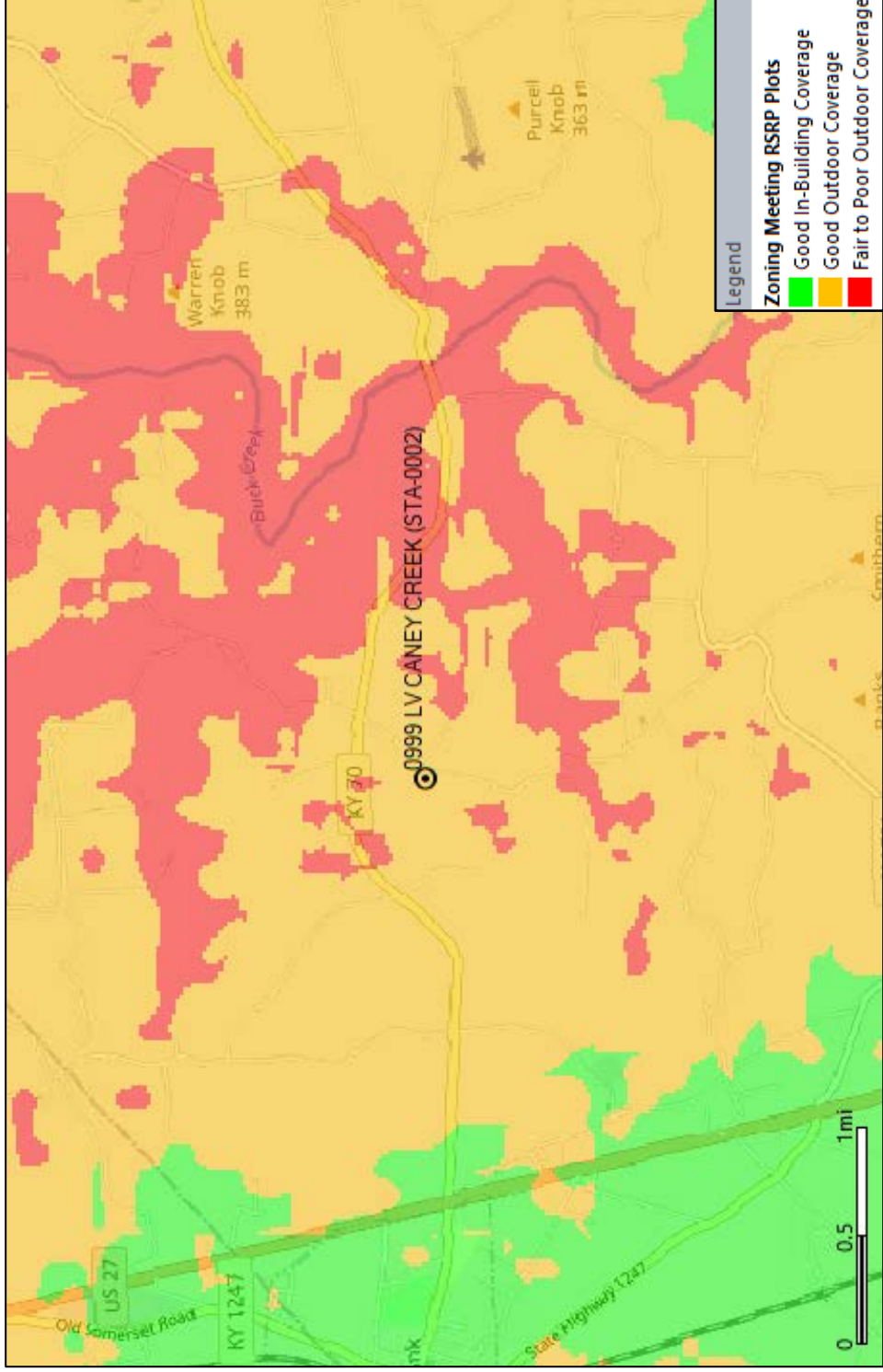
Sincerely,

A handwritten signature in black ink, appearing to read 'S. Belcher', with a stylized flourish at the end.

Steven Belcher
Sr. RF Engineer
Verizon Wireless

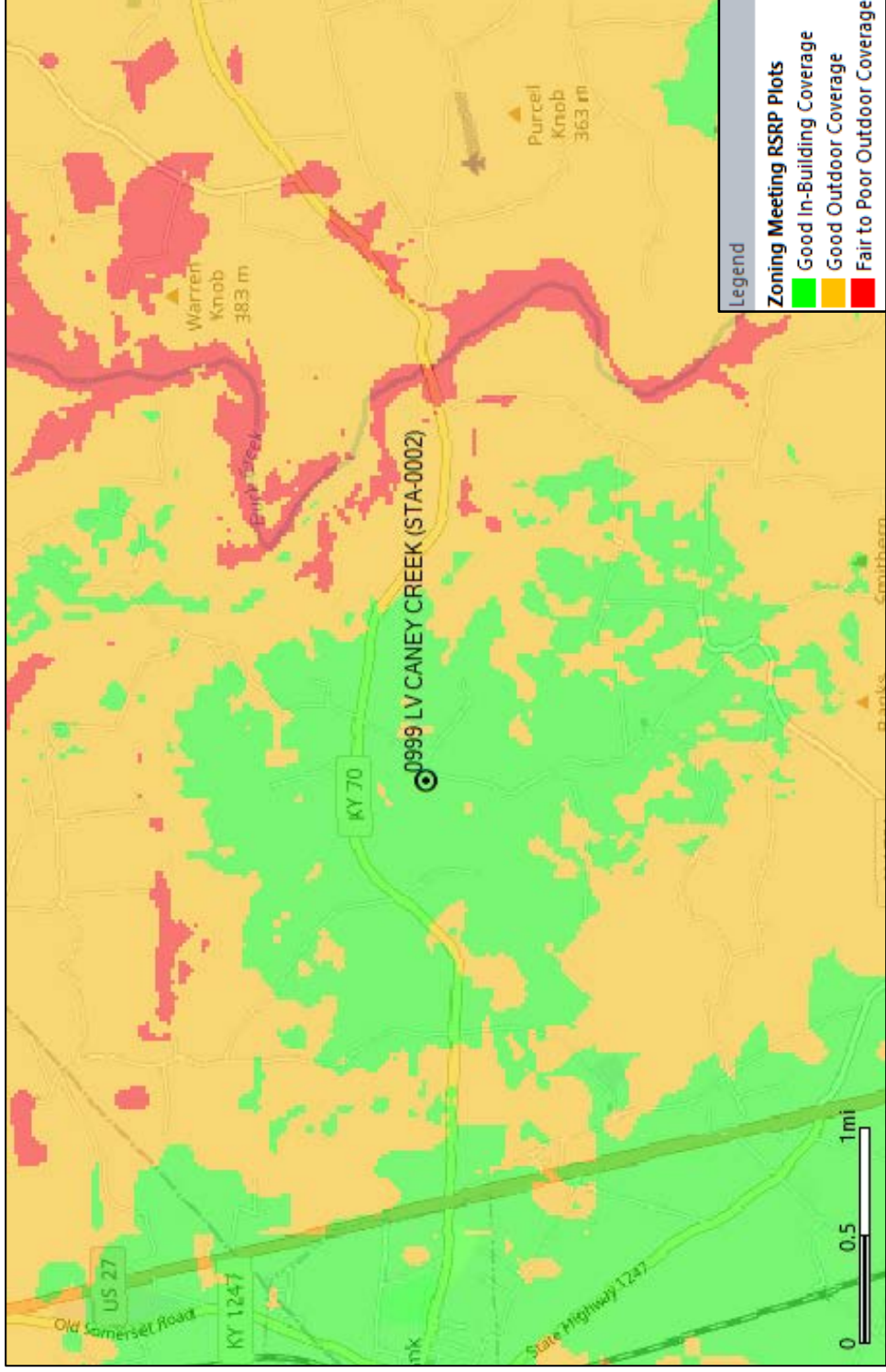


Current Coverage – Without Proposed Site LV Caney Creek





Proposed Coverage – With Proposed Site LV Caney Creek



KY0010 LV CANEY CREEK | Exhibit S
List and Identity and Qualifications of Professionals

Stephen E Hunt
Professional Engineer
Kentucky License 25003
TeleCAD Wireless
1961 Northpoint Boulevard, Suite 130
Hixson TN 37343

Travis L Shields
Professional Land Surveyor
Kentucky License 4246
The Land Consultants, LLC
2820 15th Avenue SW
Huntsville AL 35805

Allen Schneider
Professional Engineer
Kentucky License 37506
ROHN Products, LLC
1 Fairholm Avenue
Peoria IL 61603

Bruce J Wilberding
Professional Engineer
Kentucky License 18694
G2 Consulting Group, LLC
1775 Crooks Road, Suite 100
Troy MI 48084

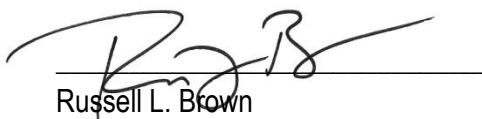
Steven Belcher
Senior RF Engineer
Verizon Wireless
2421 Holloway Road
Louisville, KY 40299

Mark Sperotto
Construction Manager
TowerNorth Development, LLC
2400 Ansys Drive, Suite 102
Canonsburg PA 15317

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

**AFFIDAVIT OF CERTIFICATION
COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION**

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



Russell L. Brown

Attorney, for Cellco Partnership, d/b/a Verizon Wireless
and APC Towers IV, LLC

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Subscribed and sworn to before me this 16th day of October, 2026.



Notary Public

Printed Name of Notary: Joseph M. Csikos

My Commission Expires: August 5, 2033

My County of Residence: Johnson

Commission No. NP0765036

