

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

In the Matter of:

THE APPLICATION OF APC TOWERS IV, LLC, AND)
CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS)
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC) CASE NO. 2026-00027
CONVENIENCE AND NECESSITY TO CONSTRUCT A)
WIRELESS COMMUNICATIONS FACILITY IN THE)
COMMONWEALTH OF KENTUCKY IN THE COUNTY)
OF RUSSELL)

SITE NAME: JABEZ

* * * * *

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

APC Towers IV, 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. APC Towers IV, LLC, having a local address of 8601 Six Forks Rd; Raleigh, NC 27615

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

2. Co-Applicants:

a. APC Towers IV, 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' application for FCC Registration and Licenses to provide wireless services are attached to this Application, described as part of **Exhibit B**, and the facility will be constructed and operated in accordance with applicable FCC regulations. The certified Antenna Structure Registration will be provided as soon as received.

5. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve the Co-Applicant's services to an area currently not served or not adequately served by the Co-Applicants by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless communications services. A statement from Co-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 near the southeast corner of Kentucky 3277 (Jabez Road) and Highway 196; Nancy KY 42544 (North Latitude: 36° 59' 08.09", West Longitude: 84° 53' 29.51"), 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 Herbert & Wanda McGowan to a Deed recorded in Deed Book 154 Page 318 recorded on April 1, 1996, in the office of the Russell County Clerk. The proposed WCF will consist of a 255-foot-tall guyed tower, with an approximately 10-foot-tall lightning arrestor attached at the top, for a total height of 265-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of 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 Application for the Federal Aviation Administration's ("FAA") is attached as **Exhibit F**. A copy of the Determination of No Hazard will be provided as soon as it is received.

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

13. A geotechnical engineering report was performed at the WCF site by Engineered Tower Solutions, PLLC, 3227 Wellington Court, Raleigh, NC 27615, dated January 12, 2026 and is attached as **Exhibit H**. The name and address of the geotechnical engineering firm and the professional engineer registered in Kentucky who prepared the report are included as part of **Exhibit H** and **Exhibit S**.

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

15. Applicant, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement 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 Jay Parker 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 21207C0235C, Dated August 19, 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 Russell County PVA on February 12, 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 February 12, 2026, using the Russell County Kentucky Property Valuation Administration records and a copy of the form of the notice sent by certified mail to each landowner on February 18, 2026, are attached as **Exhibit K** and **Exhibit L**, respectively. Sixteen (16) notices were sent to surrounding property owners; to date fifteen (15) notice green cards have been returned with the remainder USPS tracking showing “moving through network” in transit to

next facility as of March 11, 2026. Copies of the mailed envelopes and returned green cards are included in **Exhibit L**.

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

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

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

24. The area of the proposed facility is in the unincorporated area of Russell County, Kentucky. The site is located near the southeast corner of Kentucky 3277 (Jabez Road) and Highway 196; Nancy KY 42544. The site is buffered by wooded areas to the Southwest with residential structures to the southeast and northeast. The area is characterized by sporadic residential development and large agricultural tracts. The subject parcel is generally rolling containing agricultural structures. There is no zoning or Plan Commission in this area of Russell County. The proposed facility is removed from any residential structures. The nearest residential structure is approximately 220.5 feet from the proposed tower site.

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

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

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

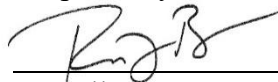
28. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

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

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

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

Respectfully submitted,



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

LIST OF EXHIBITS

- A Applicant Entities
- B FCC 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

Commonwealth of Kentucky
Michael G. Adams, Secretary of State

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

Certificate of Authorization

Authentication number: 343271
Visit <https://web.sos.ky.gov/ftshow/certvalidate.aspx> to authenticate this certificate.

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

APC TOWERS IV, LLC

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

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

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 3rd day of September, 2025, in the 234th year of the Commonwealth.



Michael G. Adams

Michael G. Adams
Secretary of State
Commonwealth of Kentucky
343271/1262373

Delaware

Page 1

The First State

I, CHARUNI PATIBANDA-SANCHEZ, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "APC TOWERS IV, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE FIFTH DAY OF MAY, A.D. 2025.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "APC TOWERS IV, LLC" WAS FORMED ON THE THIRD DAY OF MARCH, A.D. 2022.

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



6650861 8300

SR# 20251979186

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

A handwritten signature in black ink that reads "C. P. Sanchez".

Charuni Patibanda-Sanchez, Secretary of State

Authentication: 203603171

Date: 05-05-25

Delaware

The First State

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.



3341134 8300

SR# 20250539476

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

A handwritten signature in black ink that reads "C. P. Sanchez". The signature is written in a cursive style.

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



0641227.07

Dcornish
C226

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

CERTIFICATE OF ASSUMED NAME

This certifies that the assumed name of
Verizon Wireless

(Name under which the business will be conducted)

has been adopted by See Addendum

(Real name - KRS 365.015(1))

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

a Domestic General Partnership

a 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

One Verizon Way

Basking Ridge

NJ

07920

Street address, if any

City

State

Zip Code

The certificate of assumed name is executed by

NYNEX PCS Inc.

Jane A. Schepker-Assistant Secretary

Print or type name and title

June 15, 2006

Date

Signature

Print or type name and title

Date

Addendum

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

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

**FCC Form 854
Main Form**

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

Application for Antenna Structure Registration

Purpose of Filing

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

Antenna Structure Ownership Information

3) Select one of the entity types:			
() Individual	() Unincorporated Association	() Trust	() Government Entity
() Corporation	(X) Limited Liability Company	() General Partnership	() Limited Partnership
() Consortium	() Limited Liability Partnership	() Other: _____	
4) FCC Registration Number (FRN): 0023897788		5) Assignor FCC Registration Number (FRN):	
6) First Name (if individual):	MI:	Last Name:	Suffix:
7) Legal Entity Name (if not an individual): APC Towers, LLC			
8) Attention To: Jonathan Greene		9) P.O. Box:	And/Or
10a) Street Address 1: 8601 Six Forks Road		10b) Street Address 2: Suite 250	
11) City: RALEIGH	12) State: NC	13) Zip Code: 27615	
14) Telephone Number (xxx-xxx-xxxx): (984) 234-5353		15) Fax Number: (xxx-xxx-xxxx):	
16) E-mail Address: jgreene@apctowers.com			

Contact Representative Information

17) First Name (if individual): Eric	MI:	Last Name: Johnson	Suffix:
18) Business Name: ECA-USA			
19) Attention To: Eric Johnson	20) P.O. Box		And/Or
21a) Street Address 1: 1375 Union Hill Industrial Court		21b) Street Address 2: Suite A	
22) City: Alpharetta	23) State: GA	24) Zip Code: 30004	
25) Telephone Number (xxx-xxx-xxxx): (770) 667-2040		26) Fax Number: (xxx-xxx-xxxx):	
27) E-mail Address: eric.johnson@eca-usa.com			

Antenna Structure Information

28a) Latitude (DD-MM-SS.S): 36- 59- 08.1		28b) North or South: North	
29a) Longitude (DDD-MM-SS.S): 084- 53- 29.5		29b) East or West: West	
30) Street Address or Geographic Location: KY Highway 196		31) City: Albany	
32) County: RUSSELL	33) State: KENTUCKY	34) Zip Code: 42602	
35) Elevation of site above mean sea level (meters):			316.4 meters
36) Overall height above ground level (AGL) of the supporting structure without appurtenances:			77.7 meters
37) Overall height above ground level (AGL) of the antenna structure including all appurtenances:			79.2 meters
38) Overall height above mean sea level (add items 35 and 37 together):			395.6 meters
39a) Enter the type of structure on which the antenna will be mounted: (GTOWER)			
B – Building BANT – Building with Antenna on Top BMAST – Building with Mast BPIPE – Building with Pipe BPOLE – Building with Pole BRIDG – Bridge BTWR – Building with Tower GTOWER – Guyed Structure Used For Communication Purposes LTOWER – Lattice Tower MAST – Mast MTOWER – Monopole NNGTANN – Guyed Tower Array		NNLTANN – Lattice Tower Array NNMTANN – Monopole Array PIPE – Any type of Pipe POLE – Any type of Pole RIG – Oil or Other Type of Rig SIGN – Any type of Sign or Billboard SIL0 – Any type of Silo STACK – Smoke Stack TANK – Any type of Tank (water, gas, etc.) TREE – When used as a support for an antenna UPOLE – Utility Pole/Tower used to provide service (electric, telephone, etc.)	
39b) Number of Towers in Array:		39c) Position of this Tower in the Array:	
40a) Array Center Latitude (DD-MM-SS.S):		40b) North or South	
41a) Array Center Longitude (DDD-MM-SS.S):		41b) East or West:	

Proposed Marking and/or Lighting

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

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

FAA Notification

43) FAA Study Number:	44) Date Issued:
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Environmental Compliance

45) Does the applicant request a waiver of the Commission's rules for environmental notice prior to construction due to an emergency situation?	(No) Yes or No
46a) If the answer to 45 is No, is another federal agency taking responsibility for environmental review of the Antenna Structure?	(No) Yes or No
46b) If the answer to 46a is Yes, indicate why: 1) The Antenna Structure is on Federal Land and the landholding agency is taking responsibility for the environmental review of the Antenna Structure. 2) Another federal agency has agreed with the FCC in writing to take responsibility for the environmental review of the Antenna Structure.	() 1 or 2
46c) If the answer to 46a is Yes, provide the name of the federal agency taking responsibility for the environmental review of the Antenna Structure.	Name:
47) If the answers to 45 and 46a are No, provide the National Notice Date for the application to be posted on the FCC's website (mm/dd/yyyy).	Date: 02/03/2026
48) Is the applicant submitting an environmental assessment?	(No) Yes or No
49) Does the applicant certify that grant of Authorizations at this location would not have a significant environmental effect pursuant to Section 1.1307 of the FCC's rules?	() Yes or No
50) If the answer to 49 is Yes, select the basis for this certification. 1) The construction is exempt from environmental notification (other than due to another agency's review) and it does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules? 2) The construction is exempt from environmental notification due to another agency's review, and the other agency has issued a Finding of No Significant Impact. 3) The environmental notification has been completed, and the FCC has notified the applicant that an Environmental Assessment is not required under Section 1.1307(c) or (d) of the FCC's rules, and the Construction does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules. 4) The FCC has issued a Finding of No Significant Impact.	() 1, 2, 3, 4
51) If the answer to 50 is 3 or 4, enter the date that Local Notice was provided (mm/dd/yyyy).	Date:

Certification Statements

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

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

52) First Name: Jadyn	MI:	Last Name: McCullough	Suffix:
53) Title: Project Manager			
54) Signature: Jadyn McCullough			55) Date: Nov 24, 2025

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

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



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615

**NEW 255'-0" GUYED TOWER
w/10'-0" LIGHTNING ROD
TOTAL TOWER HEIGHT 265'-0"**

TOWER OWNER SITE
CK JABEZ
RUSSELL COUNTY SHERIFF'S OFFICE
410 MONUMENT SQ # 109
JAMESTOWN, KY 42629
PHONE: 270-343-2191

VERIZON WIRELESS SITE
CK JABEZ
PROJECT#: 17494117
MARKET ID: LOUISVILLE
MDGR: 5000978769

SITE ADDRESS
TBD KY HIGHWAY 196
NANCY, KY 42544
RUSSELL COUNTY
E911 ADDRESS: TBD

TOWER OWNER
APC TOWERS IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
CONTACT: JONATHAN GREENE
E-MAIL: jgreen@apctowers.com

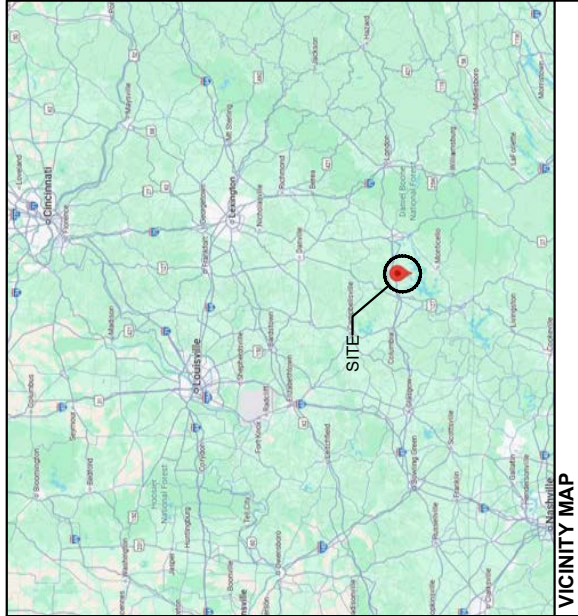
PROPERTY OWNER
HERBERT MCGOWAN
294 MCGOWAN LANE
NANCY, KY 42544
CONTACT: KEVIN SHEARER
PHONE: 270-343-2121

VERIZON WIRELESS LEASE AREA
12'-0"x30'-0"
(360 SF)

PROJECT TOTAL DISTURBED AREA
COMPOUND: (6626 SF) = (0.129 ACRE)
ACCESS DRIVE: (43 SF) = (0.001 ACRE)
GROSS AREA: (7533 SF) = (0.173 ACRE)

**ALL CONSTRUCTION ITEMS ARE TO BE COMPLETED BY THE
TOWER OWNER GENERAL CONTRACTOR UNLESS NOTED AS
[VZW.G.C.] WHICH SHALL BE COMPLETED BY THE VERIZON
WIRELESS GENERAL CONTRACTOR**

PROJECT SUMMARY



VICINITY MAP

CK JABEZ

KY-4128
TBD KY HIGHWAY 196
NANCY, KY 42544
RUSSELL COUNTY

**TENANT: LEGAL BUSINESS ENTITY d/b/a VERIZON WIRELESS
"CK JABEZ"**

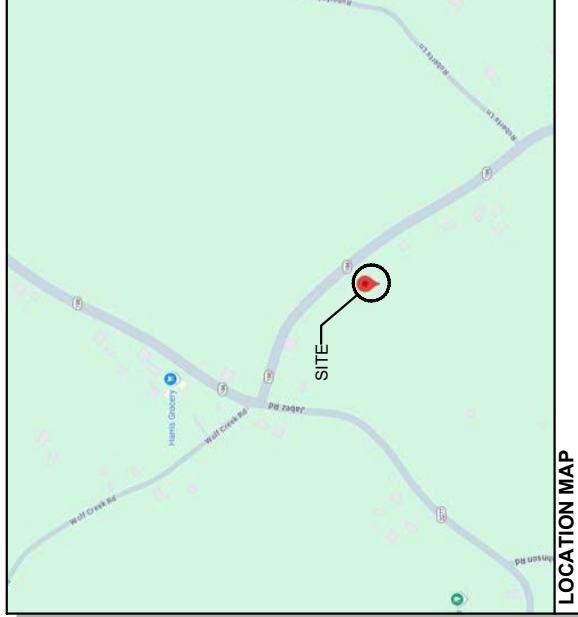
FROM LOUISVILLE MTSO: 2441 HOLLOWAY ROAD LOUISVILLE, KY 40299 - LEAVE FROM HOLLOWAY RD, TURN LEFT ONTO SCHUTTE STATION PL, TURN LEFT ONTO BLANKENBAKER PKWY, KEEP RIGHT AT INTERSTATE HIGHWAY 64 EA-64 E TOWARD LEXINGTON, TAKE THE L64 E FREEWAY, FOLLOW INTERSTATE HIGHWAY 64 EI-64 E TOWARD LEXINGTON, TAKE EXIT 48 ON THE RIGHT ONTO HIGHWAY 151 RD/KY-151 TOWARD GRAEFENBURG, TURN RIGHT ONTO HIGHWAY 151 RD/KY-151 TOWARD GRAEFENBURG, FOLLOW HIGHWAY 151 RD/KY-151, TURN RIGHT ONTO BYPASS NUS-127 BYP S, FOLLOW BYPASS NUS-127 BYP S, FOLLOW US HIGHWAY 127 BYP S, TURN LEFT ONTO US HIGHWAY 127 BYP S, TURN LEFT ONTO DANVILLE RD/US-127 S, FOLLOW DANVILLE RD/US-127 S, TURN RIGHT ONTO US HIGHWAY 27 NUS-27 S, TAKE THE RIGHT EXIT ONTO LOUIE B. NUNN PKWY, TAKE EXIT 78 ON THE RIGHT ONTO W HIGHWAY 80/KY-80 TOWARD NANCY, TURN LEFT ONTO W HIGHWAY 80/KY-80 TOWARD KENTUCKY LEADERSHIP CENTER AND 4-H CAMP, TURN RIGHT ONTO FAUBUSH RD/KY-3262, FOLLOW FAUBUSH RD/KY-3262, TURN RIGHT ONTO HIGHWAY 196/KY-196, FOLLOW HIGHWAY 196/KY-196, TURN LEFT ONTO HIGHWAY 196/KY-196, ARRIVE AT SITE ON THE RIGHT.

FROM RUSSELL COUNTY CLERK: LEAVE FROM LEWIS ALY, TURN LEFT ONTO S MAIN ST/KY-92, AT THE ROUNDABOUT TAKE THE SECOND EXIT ONTO N MAIN ST/US-127 N, FOLLOW N MAIN ST/US-127 N, TURN RIGHT ONTO CUMBERLAND PARKWAY E TOWARD NANCY, TAKE EXIT 78 ON THE RIGHT ONTO W HIGHWAY 80/KY-80 TOWARD NANCY, TURN RIGHT ONTO W HIGHWAY 80/KY-80 TOWARD NANCY, TURN RIGHT ONTO FAUBUSH RD/KY-3262, FOLLOW FAUBUSH RD/KY-3262, TURN RIGHT ONTO HIGHWAY 196/KY-196, FOLLOW HIGHWAY 196/KY-196, TURN LEFT ONTO HIGHWAY 196/KY-196, ARRIVE AT SITE ON THE RIGHT.

PROJECT DESCRIPTION:
NOTE: ALL ITEMS WITHIN THESE CONSTRUCTION DOCUMENTS ARE BY TOWER OWNERS GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS UNLESS NOTED AS [VZW.G.C.] WHICH SHALL BE COMPLETED BY THE VERIZON WIRELESS GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS, GENERALLY DESCRIBED BELOW:

- TOWER OWNER SCOPE:
 - INSTALL A NEW GUYED TOWER w/ 10'-0" LIGHTNING ROD (TOTAL 265'-0")
 - INSTALL A NEW TOWER FOUNDATION SYSTEM
 - INSTALL A NEW 75'-0"x75'-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 A NEW VZW CONCRETE EQUIPMENT AND GENERATOR PADS
 - INSTALL VZW ICE BRIDGE AND FOUNDATIONS
 - INSTALL VZW ELECTRICAL SERVICE CONDUIT WITH PULL TAPES FROM ILC ENCLOSURE STUB-UP TO UTILITY H-FRAME
 - INSTALL CONDUITS WITH PULL TAPES FROM VZW ILC STUB-UP LOCATION TO THE GENERATOR STUB-UP AT VZW GENERATOR PAD
 - INSTALL (2) 1'-1/4" SMOOTHWALL SDR-11 HDPE FIBER OPTIC CONDUIT HAND HOLE OUTSIDE COMPOUND TO VZW TRACER WIRE FROM "VERIZON WIRELESS ONLY" HAND HOLE OUTSIDE COMPOUND TO THE 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"x30" HOLE OUTSIDE COMPOUND TO NEW "VERIZON WIRELESS ONLY" 24"x30" 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.G.C.]:
 - INSTALL VZW PREFABRICATED CANOPY AND FOUNDATIONS
 - INSTALL VZW ANTENNA MOUNTING SUPPORT STRUCTURE ON TOWER
 - INSTALL VZW ANTENNAS, LINES, COAX, GPS ANTENNA AND RADIO EQUIPMENT & FACILITIES
 - INSTALL EXISTING SUBSURFACE GROUND LEADS TO VZW EQUIPMENT & FACILITIES
 - INSTALL VZW ELECTRIC SERVICE CONDUCTORS FROM UTILITY H-FRAME TO VZW ILC ENCLOSURE LOCATION
 - INSTALL VZW 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
 - 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



LOCATION MAP

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

- BUILDING CODE: 2018 KENTUCKY BUILDING CODE (IBC 2015)
- STRUCTURAL CODE: TIA/EIA-222 - REVISION H
- MECHANICAL CODE: 2015 INTERNATIONAL MECHANICAL CODE (IMC 2015)
- PLUMBING CODE: KENTUCKY STATE PLUMBING CODE (KSP-PLC-20)
- ELECTRICAL CODE: 2015 NATIONAL ELECTRICAL CODE (NFPA 70)
- FIRE/LIFE SAFETY CODE: 2015 INTERNATIONAL FIRE CODE (IFC)
- ENERGY CODE: 2012 INTERNATIONAL ENERGY CODE (COMMERCIAL)
- GAS CODE: 2012 NATIONAL FUEL GAS CODE (NFPA 54)

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

APPLICABLE CODES

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

ELECTRICAL
SOUTH KY RECC
ADDRESS: 300 ELECTRIC AVENUE
ADDRESS: 300 HERSETT, KY 42301
CONTACT: TBD
PHONE: 800-264-5112
EMAIL: TBD

ELECTRICAL UTILITY COORDINATION IS NOT FINALIZED. DO NOT PROCEED WITH CONSTRUCTION.

CONSULTANT TEAM



AERIAL

PREPARED FOR:



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615

PREPARED BY:



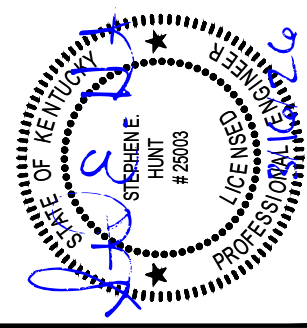
1961 NORTHPOINT BLVD, SUITE 130
HIKSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

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: JAE
CHECKED BY: DS

NO.	DATE	BY	DESCRIPTION
1	03/16/26	JAE	ZONING ISSUE
0	01/15/26	DMB	FINALS
B	12/22/25	WAM	PRELIMINARY REVIEW
A	10/31/25	JAE	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
CK JABEZ

ADDRESS:
TBD KY HIGHWAY 196
NANCY, KY 42544

COUNTY:
RUSSELL

LATITUDE:
36° 59' 08.09" N

LONGITUDE:
84° 53' 29.51" W

SITE NUMBER:
KY-4128

SHEET TITLE:
TITLE SHEET

DRAWING NO.: T-1
REVISION: 1

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.
- 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: APC Towers IV, LLC and Old Republic National Title Insurance Company:
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: 36.985580° 36° 59' 08.09"
Longitude: WEST: 84.891529° 84° 53' 29.51"
Ground Elev: 1037.6 FEET AMSL (NAVD88)
Benchmark: DK3326 KYTH CORS ARP

PARENT TAX PARCEL

HERBERT MCGOWAN & WANDA MCGOWAN
TAX PARCEL: 078-00-00-031.00

NORTH ORIENTATION

KENTUCKY SOUTH STATE PLANE COORDINATE SYSTEM
Based on GPS Survey relative to NGS CORS Network, NAD83 (2011)
ELEVATION DATUM: NAVD88, GEOID 12B
DATE OF SURVEY: 10-13-2025

Method: RTK (CORS); Confidence Level: 95%
Positional Accuracy: HZ ± 0.10'
EPOCH 2010.0000
Convergence: 0.520633013"; Combined Scale Factor: 0.99991906

FLOOD DATA

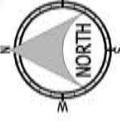
FEMA FLOOD MAP PANEL: 21207C0235C, Effective Date: 08-19-2010
Surveyed Area appears to lie within: ZONE X (Areas of Minimal Flood Hazard)

TITLE EXAMINATION:

See Sheet #5

LOCATION MAP

NOT TO SCALE



SURVEY MAP LEGEND

●	IRON ROD FOUND	R/W	RIGHT-OF-WAY
⊙	UTILITY POLE	C/L	CENTER LINE
↓	GUY ANCHOR	AU	ACCESS & UTILITY
⊕	FIBEROPTIC MARKER	ESMT	EASEMENT
*	PROPOSED EQUIPMENT LOCATION	P.O.C.	POINT OF COMMENCEMENT
◆	SITE BENCHMARK	P.O.B.	POINT OF BEGINNING
		Sq Ft	SQUARE FEET
—	PAVEMENT EDGE		
—*	FENCE		
- - -	DITCH		
~	TREE LINE		
—OHU—	OVERHEAD UTILITY LINES		
—GUY—	GUY WIRE		
—	5' CONTOURS		
- - -	1' CONTOURS		
—	PUBLIC R/W		
- - -	TAX PARCEL BOUNDARY		
- - -	TIE LINE		
- - -	LESSEE'S EASEMENTS		
- - -	LESSEE'S PREMISES		

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

SITE SURVEY

Site Number: KY-4128
KY Highway 196, Albany, KY 42602

Russell County, Kentucky

COVER SHEET

DWG#: 25335
ISSUE #: 0
ISSUE DATE: 00-00-2021
SEE SHEET #1

SHEET 1 OF 5

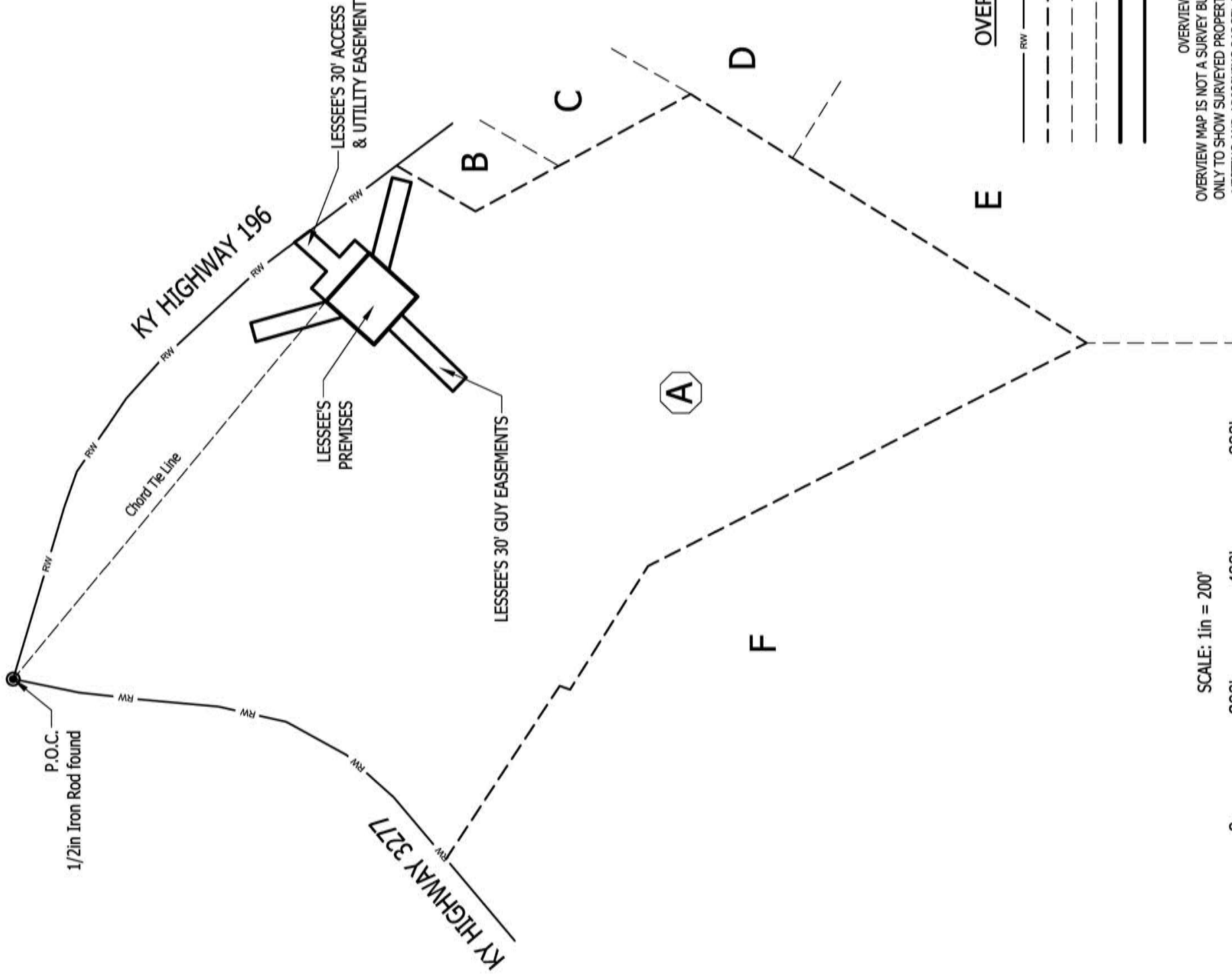
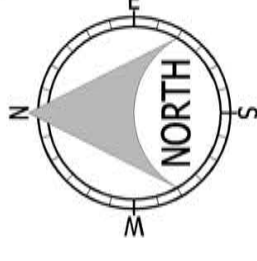
PROPERTY INFORMATION

PARENT TAX PARCEL

- A. HERBERT MCGOWAN & WANDA MCGOWAN
TAX PARCEL: 078-00-00-031.00
DEED BOOK 154, PAGE 318

ADJOINING TAX PARCELS

- B. ALLISON BAKER
TAX PARCEL: 078-00-00-031.01
DEED BOOK 360, PAGE 589
- C. LADONNA WASSON TRUST
TAX PARCEL: 078-00-00-034.00
DEED BOOK 386, PAGE 266
- D. MITCHELL & VONTRICE JOHNSON
TAX PARCEL: 78-00-00-032.00
DEED BOOK 73, PAGE 63
- E. HERBERT MCGOWAN
TAX PARCEL: 078-00-00-043.00
DEED BOOK & PAGE NOT AVAILABLE
- F. MARK PATTERSON ...
TAX PARCEL: 078-00-00-044.00
DEED BOOK 279, PAGE 485



OVERVIEW MAP LEGEND

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

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



APC TOWERS IV, LLC

8601 Six Forks Rd, Suite 250,
Raleigh, NC 27615

SITE SURVEY

Site Number: KY-4128
CK JABEZ

KY Highway 196, Albany, KY 42602

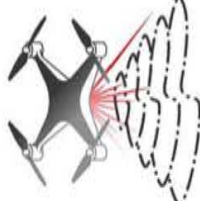
Russell County, Kentucky

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

OVERVIEW MAP

DWG#: 25335
ISSUE #: 0
ISSUE DATE: 00-00-2021
SEE SHEET #1

SHEET
2
OF
5



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

PREPARED FOR



APC TOWERS IV, LLC

8601 Six Forks Rd, Suite 250,
 Raleigh, NC 27615

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

SITE SURVEY
CK JABEZ
 Site Number: KY-4128
 KY Highway 196, Albany, KY 42602
 Russell County, Kentucky

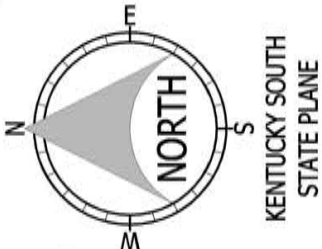
SITE SURVEY

DWG#: 25335
 ISSUE #: 0
 ISSUE DATE: 00-00-2021
 SEE SHEET #1

SCALE: 1in = 50'



0' 50' 100' 150'



POINTS OF BEGINNING: ○

1. PREMISES, ACCESS & UTILITY EASEMENT
2. GUY EASEMENT #1
3. GUY EASEMENT #2
4. GUY EASEMENT #3

KY HIGHWAY 196
 50' Public R/W (Ref: DB 154-318)

LESSEE'S 30' ACCESS & UTILITY EASEMENT
 4,914 Sq. Ft. - 0.11± AC

LESSEE'S 30' GUY EASEMENT #1
 3,910 Sq. Ft. - 0.09± AC

LESSEE'S PREMISES
 10,000 Sq. Ft. - 0.23± AC

LESSEE'S 30' GUY EASEMENT #3
 4,181 Sq. Ft. - 0.10± AC

LESSEE'S 30' GUY EASEMENT #2
 3,986 Sq. Ft. - 0.09± AC

LINE	BEARING	DISTANCE
L1	S 47°58'51" E	100.00'
L2	S 42°01'09" W	100.00'
L3	N 47°58'51" W	100.00'
L4	N 42°01'09" E	100.00'
L5	N 42°01'09" E	30.00'
L6	S 47°58'51" E	35.00'
L7	N 42°01'09" E	66.72'
L8	S 37°00'18" E	30.56'
L9	S 42°01'09" W	60.90'
L10	S 47°58'51" E	35.00'
L11	S 42°01'09" W	30.00'
L12	N 47°58'51" W	100.00'
L13	S 42°01'09" W	0.82'
L14	S 42°01'09" W	35.44'
L15	N 15°48'04" W	139.77'
L16	N 74°11'56" E	30.00'
L17	S 15°48'04" E	120.89'
L18	S 25°53'44" E	107.92'
L19	N 42°01'09" E	33.92'
L20	S 75°48'04" E	124.96'
L21	S 14°11'56" W	30.00'
L22	N 75°48'04" W	140.79'
L23	S 23°42'43" W	105.33'
L24	S 47°58'51" E	30.02'
L25	S 44°11'56" W	139.94'
L26	N 45°48'04" W	30.00'
L27	N 44°11'56" E	138.80'

STATE OF KENTUCKY
TRAVIS L. SHIELDS
 4246
 03/10/24
 LICENSED PROFESSIONAL LAND SURVEYOR

Travis L. Shields

LESSEE'S PREMISES

All that tract or parcel of land lying and being in Russell County, Kentucky, and being a portion of the property of Herbert McGowan & Wanda McGowan, of record in Deed Book 154, Page 318, Russell County Clerk's Office, and being more particularly described as follows:

COMMENCE at a one-half-inch Iron Rod found at the Northwest Corner of aforesaid property;
Thence along a Chord Tie Line having a Bearing of S 50°26'30" E, a distance of 756.95 feet to the POINT OF BEGINNING;

Thence S 47°58'51" E, a distance of 100.00 feet;
Thence S 42°01'09" W, a distance of 100.00 feet;
Thence N 47°58'51" W, a distance of 100.00 feet;
Thence N 42°01'09" E, a distance of 100.00 feet to the POINT OF BEGINNING.

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

LESSEE'S 30' ACCESS & UTILITY EASEMENT

All that tract or parcel of land lying and being in Russell County, Kentucky, and being a portion of the property of Herbert McGowan & Wanda McGowan, of record in Deed Book 154, Page 318, Russell County Clerk's Office, and being more particularly described as follows:

COMMENCE at a one-half-inch Iron Rod found at the Northwest Corner of aforesaid property;
Thence along a Chord Tie Line having a Bearing of S 50°26'30" E, a distance of 756.95 feet to the POINT OF BEGINNING;

Thence N 42°01'09" E, a distance of 30.00 feet;
Thence S 47°58'51" E, a distance of 35.00 feet;
Thence N 42°01'09" E, a distance of 66.72 feet to a point on the Southeast Right-of-Way Line of KY Highway 196;
Thence S 37°00'18" E, along said Right-of-Way Line, a distance of 30.56 feet;
Thence S 42°01'09" W, leaving said Right-of-Way, a distance of 60.90 feet;
Thence S 47°58'51" E, a distance of 35.00 feet;
Thence S 42°01'09" W, a distance of 30.00 feet;
Thence N 47°58'51" W, a distance of 100.00 feet to the POINT OF BEGINNING.

Said Easement contains 0.11 Acres (4,914 Square Feet), more or less.

LESSEE'S 30' GUY EASEMENT #1

LESSEE'S 30' GUY EASEMENT #1

All that tract or parcel of land lying and being in Russell County, Kentucky, and being a portion of the property of Herbert McGowan & Wanda McGowan, of record in Deed Book 154, Page 318, Russell County Clerk's Office, and being more particularly described as follows:

COMMENCE at a one-half-inch Iron Rod found at the Northwest Corner of aforesaid property;
Thence along a Chord Tie Line having a Bearing of S 50°26'30" E, a distance of 756.95 feet;
Thence S 42°01'09" W, a distance of 0.82 feet; to the POINT OF BEGINNING;

Thence S 42°01'09" W, a distance of 35.44 feet;
Thence N 15°48'04" W, a distance of 139.77 feet;
Thence N 74°11'56" E, a distance of 30.00 feet;
Thence S 15°48'04" E, a distance of 120.89 feet to the POINT OF BEGINNING.

Said Easement contains 0.09 Acres (3,910 Square Feet), more or less.

LESSEE'S 30' GUY EASEMENT #2

All that tract or parcel of land lying and being in Russell County, Kentucky, and being a portion of the property of Herbert McGowan & Wanda McGowan, of record in Deed Book 154, Page 318, Russell County Clerk's Office, and being more particularly described as follows:

COMMENCE at a one-half-inch Iron Rod found at the Northwest Corner of aforesaid property;
Thence along a Chord Tie Line having a Bearing of S 50°26'30" E, a distance of 756.95 feet;
Thence S 25°53'44" E, a distance of 107.92 feet; to the POINT OF BEGINNING;

Thence N 42°01'09" E, a distance of 33.92 feet;
Thence S 75°48'04" E, a distance of 124.96 feet;
Thence S 14°11'56" W, a distance of 30.00 feet;
Thence N 75°48'04" W, a distance of 140.79 feet to the POINT OF BEGINNING.

LESSEE'S 30' GUY EASEMENT #3

All that tract or parcel of land lying and being in Russell County, Kentucky, and being a portion of the property of Herbert McGowan & Wanda McGowan, of record in Deed Book 154, Page 318, Russell County Clerk's Office, and being more particularly described as follows:

COMMENCE at a one-half-inch Iron Rod found at the Northwest Corner of aforesaid property;
Thence along a Chord Tie Line having a Bearing of S 50°26'30" E, a distance of 756.95 feet;
Thence S 23°42'43" W, a distance of 105.33 feet to the POINT OF BEGINNING;

Thence S 47°58'51" E, a distance of 30.02 feet;
Thence S 44°11'56" W, a distance of 139.94 feet;
Thence N 45°48'04" W, a distance of 30.00 feet;
Thence N 44°11'56" E, a distance of 138.80 feet to the POINT OF BEGINNING.

Said tract contains 0.10 Acres (4,181 Square Feet), more or less.



THE LAND CONSULTANTS
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423-304-6722

PREPARED FOR



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Raleigh, NC 27615

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

SITE SURVEY
CK JABEZ
Site Number: KY-4128

KY Highway 196, Albany, KY 42602

Russell County, Kentucky

DESCRIPTIONS

DWG#: 25335
ISSUE #: 0
ISSUE DATE: 00-00-2021
SEE SHEET #1

SHEET 4 OF 5



Travis L. Shields

TITLE EXAMINATION

Surveyor's treatment of Title Examination Items is limited to the scope described in ALTA/NSPS 2021 requirements, Section 6. C. ii., and is limited to determination of the extent of land, that Title Items may influence, if any. "Extent of Property" may be: Blanket in nature for a Parcel or Parcels (not subject to mapping, but assumed to also apply to Lessee's Areas (if any) insofar as these may lie on Parcel(s) influenced by instrument); specifically described by instrument (mapped and shown only if within the Surveyed Area). Determination of physical location may not be possible if: instrument is illegible; instrument lacks sufficient descriptive information; or instrument refers to other instruments which were not included in the title exam and not otherwise available to surveyor. Factors beyond physical location, such as the type of influence that "Restrictions, Covenants, Terms or Conditions" contained in instruments may impart upon Parcels or Lessee's Site or Easements are not evaluated by Land Surveyor. Review by Title Attorney may be warranted. Land Surveyors may not practice Law.)

Reference: Commitment for Title Insurance prepared by Old Republic National Title Insurance Company, Commitment Number: 01-25038310-01T, Commitment Date: 07/11/2025, Schedule B, Part II, Exceptions.

Item 1 - 6: General Items (no record instruments listed) or Taxes, not addressed by Surveyor.

LEGAL DESCRIPTION OF PARENT TAX PARCEL

A certain tract or parcel of land, lying and being in Russell County, Kentucky, and bounded and described as follows:

All corners or witness monuments referred to herein as iron pins are rebar 3/8" X 15" with a orange plastic cap marked L.S. 1253 except as otherwise noted all bearings are referenced to the Meridian of record in Deed Book 30, page 441, in the records of the Russell County Court Clerk's Office at Jamestown, KY.

BEGINNING at a set iron pin which said iron pin is located 25ft. south of center line of Ky. 0196, and said pin is located 25ft. east of center line of Cave Springs Road, thence with south side of Ky. #196 Road right of way, for seven calls as follows:

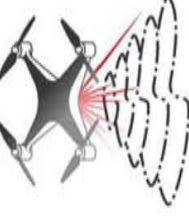
1. S 71 degrees 17' 45" E 241.96' to a set iron pin,
2. S 71 degrees 17' 44" E 35.29' to a set iron pin,
3. S 68 degrees 08' 57" E 57.84' to a set iron pin,
4. S 53 degrees 57' 24" E 136.35' to a set iron pin,
5. S 45 degrees 41' 18" E 73.56' to a set iron pin,
6. S 40 degrees 46' 48" E 212.11' to a set iron pin,
7. S 34 degrees 47' 36" E 116.17' to a set iron pin,

thence S 34 degrees 47' 37" E 150.00' to a set iron pin corner to Eldon Roberts, (73/560); thence leaving Ky. #196 Road right of way, with old fence line of Eldon Roberts, S 32 degrees 14' 21" W 140.99' to an iron pin, thence S 26 degrees 22' 36" E 378.07' to an iron pin corner to Mitchell Johnson, (N.O.R.); thence with old fence line of Mitchell Johnson, S 34 degrees 22' 11" W 721.58' to a set iron pin in old line of Joe Schoil, (N.O.R.); thence with old fence line, N 24 degrees 47' 22" W 759.21' to an iron pin; thence N 55 degrees 30' 48" W 225.79' to an iron pin; thence N 22 degrees 50' 42" E 16.91' to an iron pin; thence N 54 degrees 31' 53" W 320.17' to an iron pin on east side of Cave Spring Road right of way; thence with east side of Cave Springs Road right of way, for seven calls as follows:

1. N 52 degrees 05' 10" E 125.15' to a set iron pin,
2. N 43 degrees 57' 57" E 98.02' to a set iron pin,
3. N 31 degrees 06' 16" E 106.22' to a set iron pin,
4. N 14 degrees 48' 07" E 106.68' to a set iron pin,
5. N 07 degrees 26' 14" E 117.35' to a set iron pin,
6. N 08 degrees 40' 12" E 98.55' to a set iron pin,
7. N 13 degrees 43' 19" E 103.84' to the point of beginning, containing 21.4832 acres, being the same more or less, by survey of Bobby Hudson Land Surveying, dated 2-12-96.

Tax ID: 078-00-00-031.00

Being The Same Property Conveyed To Herbert McGowan And Wanda McGowan, Husband And Wife, Grantee, From Homer McGowan And Patricia McGowan, Husband And Wife; Thomas Linville And Helen Linville, Husband And Wife; John Winston McGowan, Single; John Dennis Hatfield, Single; Vernon McGowan And Louise McGowan, Husband And Wife; Lester McGowan And Kathy McGowan, Husband And Wife; Rick Doom And Lois Ann Doom, Husband And Wife; And, Karen Hammons, Single, Grantor, By Warranty Deed Recorded 04/08/1996, In Book 154, Page 318, Of The Russell County Records.



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

PREPARED FOR



APC TOWERS IV, LLC

8601 Six Forks Rd, Suite 250,
Raleigh, NC 27615

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

SITE SURVEY

CK JABEZ

Site Number: KY-4128

KY Highway 196, Albany, KY 42602

Russell County, Kentucky

TITLE

DWG#: 25335
ISSUE #: 0
ISSUE DATE: 00-00-2021
SEE SHEET #1

SHEET
5
OF
5

PREPARED FOR:



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615

PREPARED BY:



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

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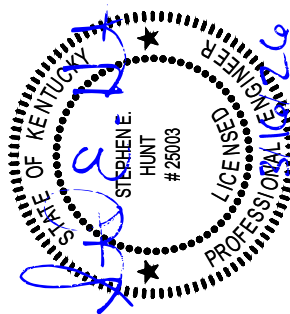
DRAWN BY: JAE

CHECKED BY: DS

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	03/16/26	JAE	ZONING ISSUE
0	01/15/26	DMB	FINALS
B	12/22/25	WAM	PRELIMINARY REVIEW
A	10/31/25	JAE	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

CK JABEZ

ADDRESS:
TBD KY HIGHWAY 196
NANCY, KY 42544

COUNTY:

RUSSELL

LATITUDE:
36° 59' 08.09" N

LONGITUDE:
84° 53' 29.51" W

SITE NUMBER:

KY-4128

SHEET TITLE:

ASR MAP

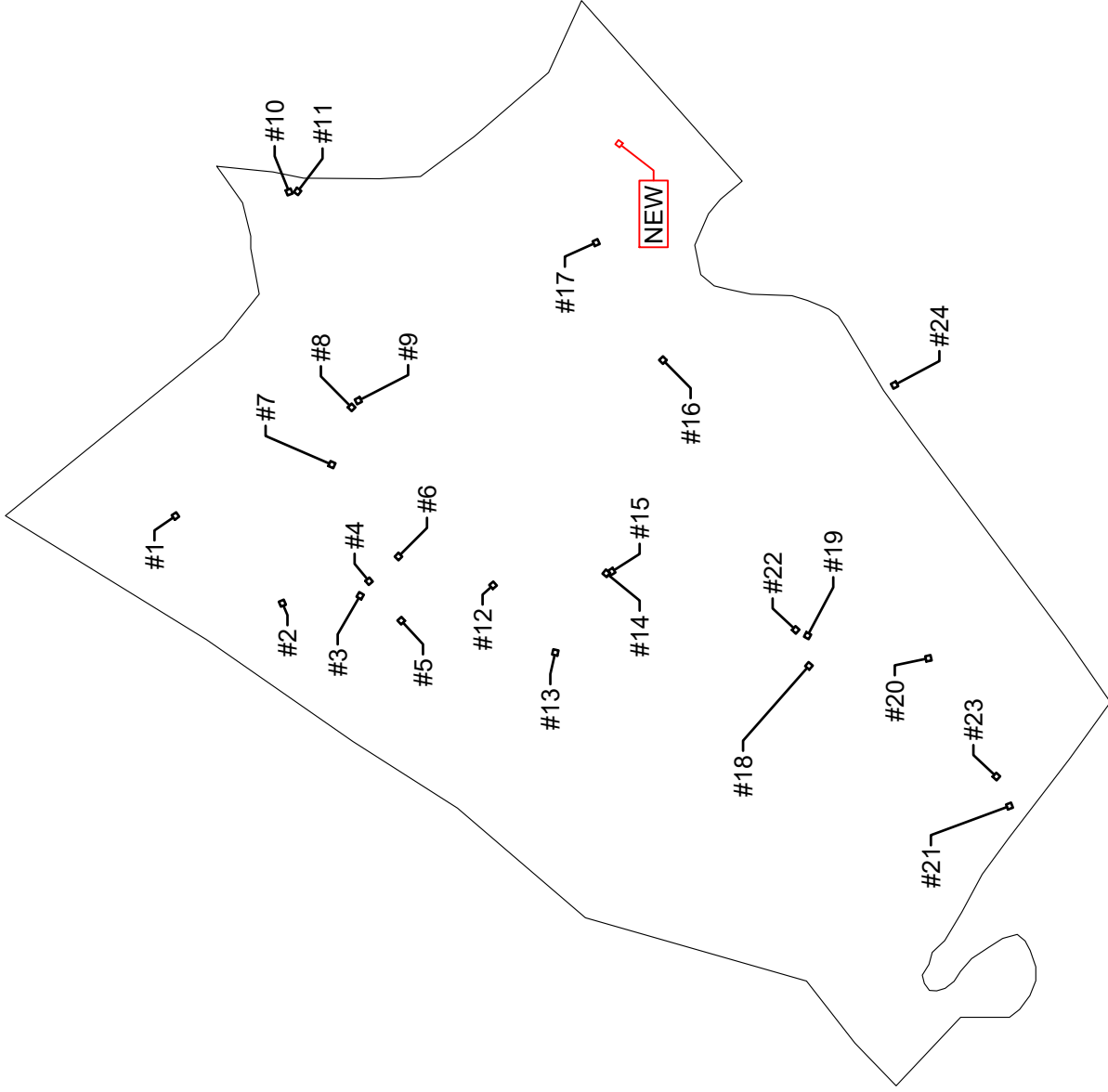
DRAWING NO.

ASR

REVISION:

1

FCC REGISTERED TOWERS						
TOWER	TOWER OWNER	ASR	LATITUDE	LONGITUDE		
NEW	APC TOWERS IV, LLC	TBD	36° 59' 08.09"N	84° 53' 29.51"W		
1	CELLCO PARTNERSHIP	1257754	37° 7'44.70"N	85° 2'39.70"W		
2	HAMMOND BROADCASTING INC	1065125	37° 5'39.00"N	85° 4'49.00"W		
3	UNITI TOWERS LLC	1316896	37° 4'7.30"N	85° 4'37.40"W		
4	SBA INFRASTRUCTURES, LLC	1232919	37° 3'51.90"N	85° 4'19.50"W		
5	DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC.	1060800	37° 3'15.40"N	85° 5'14.80"W		
6	GLOBAL TOWER, LLC, THROUGH AMERICAN TOWERS, LLC	1013822	37° 3'21.00"N	85° 3'45.00"W		
7	CTI ASSETS II, LLC	1309775	37° 4'40.80"N	85° 1'23.50"W		
8	SBA TOWERS VII, LLC	1257488	37° 4'19.50"N	84° 59'59.40"W		
9	TILLMAN INFRASTRUCTURE, LLC	1321407	37° 4'6.80"N	84° 59'55.80"W		
10	UNITI TOWERS LLC	1318405	37° 5'25.30"N	84° 54'43.80"W		
11	SBA INFRASTRUCTURES, LLC	1232264	37° 5'19.70"N	84° 54'47.30"W		
12	HOOVER, MAE DBA = LAKE CUMBERLAND BROADCASTERS	1043881	37° 1'31.00"N	85° 4'23.00"W		
13	RUSSELL COUNTY AIRPORT	1272430	37° 0'20.00"N	85° 5'59.00"W		
14	UNITI TOWERS LLC	1316461	36° 59'15.30"N	85° 4'2.00"W		
15	SBA INFRASTRUCTURES, LLC	1249806	36° 59'14.90"N	85° 4'3.00"W		
16	TOWERCO V HOLDINGS LLC	1332267	36° 58'16.40"N	84° 58'53.50"W		
17	CELLCO PARTNERSHIP	1259175	36° 59'34.10"N	84° 56'3.70"W		
18	EAST KENTUCKY POWER COOPERATIVE, INC	1044511	36° 55'25.00"N	85° 6'22.00"W		
19	TILLMAN INFRASTRUCTURE, LLC	1321265	36° 55'26.20"N	85° 5'37.90"W		
20	CELLCO PARTNERSHIP	1254846	36° 53'3.20"N	85° 6'5.40"W		
21	SBA TOWERS III LLC	1261117	36° 51'35.70"N	85° 9'37.10"W		
22	SBA TOWERS III LLC	1261129	36° 55'30.60"N	85° 5'33.60"W		
23	US ARMY CORPS OF ENGINEERS	1289489	36° 51'48.80"N	85° 8'57.50"W		
24	GLOBAL TOWER, LLC, THROUGH AMERICAN TOWERS, LLC	1042205	36° 53'47.80"N	84° 59'31.90"W		



RUSSELL COUNTY



PREPARED FOR:



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615

PREPARED BY:



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

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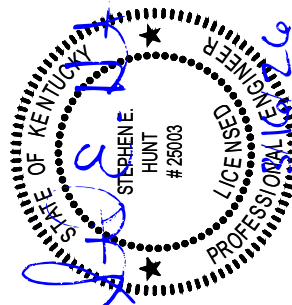
DRAWN BY: JAE

CHECKED BY: DS

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ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

CK JABEZ

ADDRESS:
TBD KY HIGHWAY 196
NANCY, KY 42544

COUNTY:

RUSSELL

LATITUDE:

36° 59' 08.09" N

LONGITUDE:

84° 53' 29.51" W

SITE NUMBER:

KY-4128

SHEET TITLE:

OVERALL SITE PLAN

DRAWING NO.

Z-1

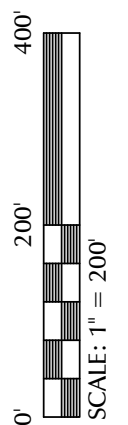
REVISION:

1



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



OVERALL SITE PLAN
w/AERIAL OVERLAY



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
COMMONWEALTH OF KENTUCKY (811) AT
LEAST 48 HOURS BEFORE COMMENCING WORK.

PREPARED FOR:



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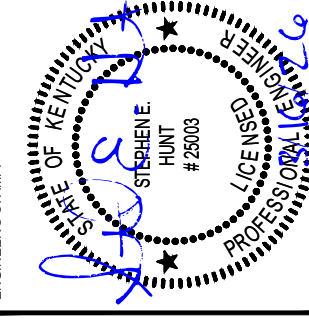
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SHEET TITLE:

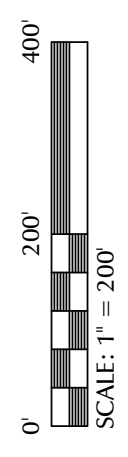
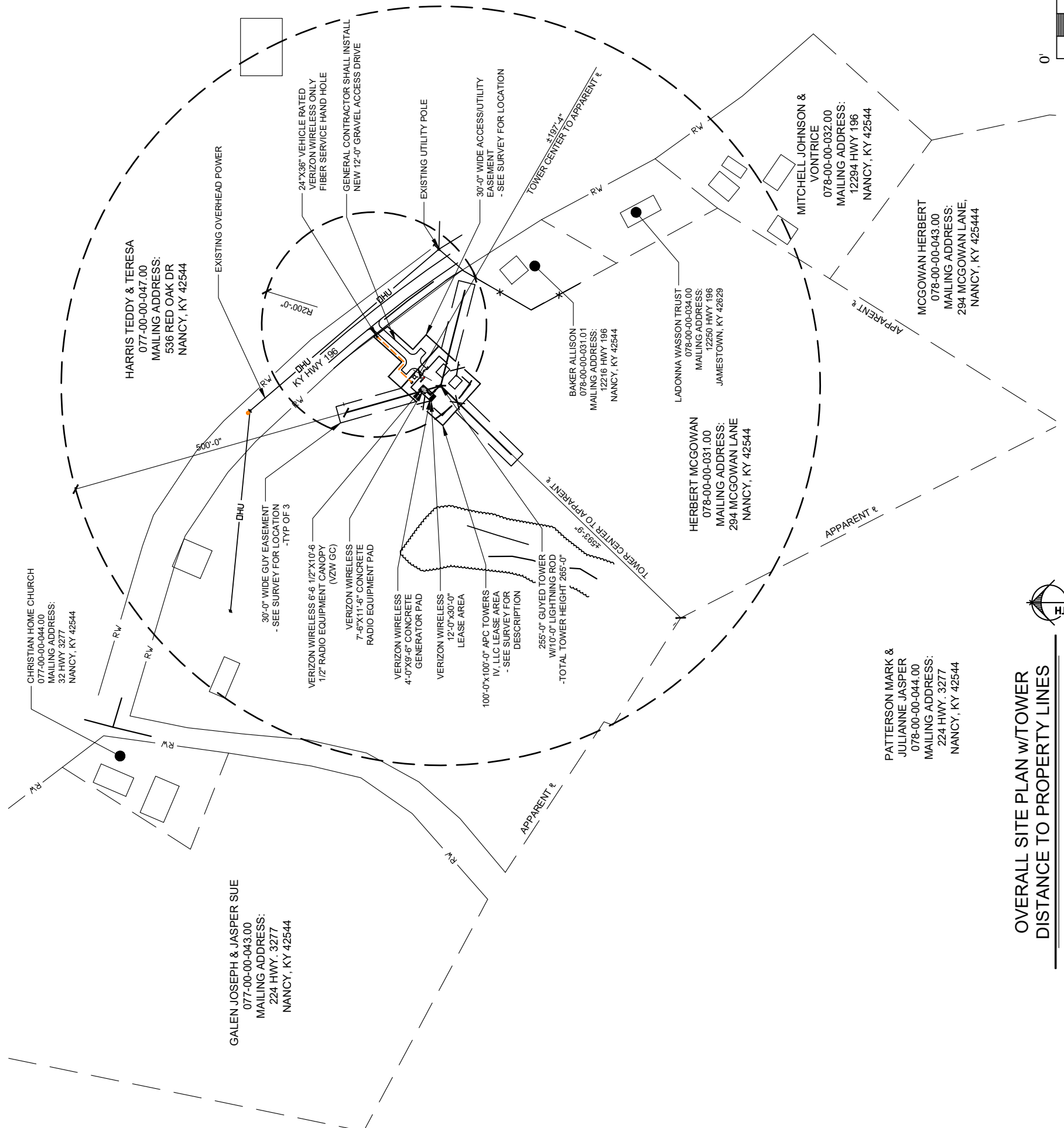
OVERALL SITE PLAN

DRAWING NO.

Z-2

REVISION:

1



OVERALL SITE PLAN W/TOWER
DISTANCE TO PROPERTY LINES

Kentucky 811
Know what's below.
Call before you dig.
Call Monday thru Friday - 7 am. to 6 pm.
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE
LAW TO EXCAVATE WITHOUT NOTIFYING THE
COMMONWEALTH OF KENTUCKY (811) AT LEAST
WORKING DAYS BEFORE COMMENCING WORK.

PREPARED FOR:



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RALEIGH, NC 27615

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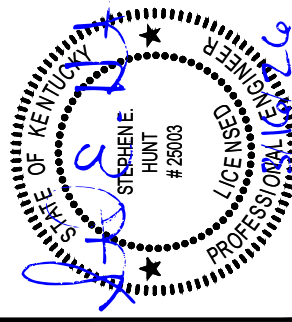
DRAWN BY: JAE

CHECKED BY: DS

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NANCY, KY 42544

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LONGITUDE:

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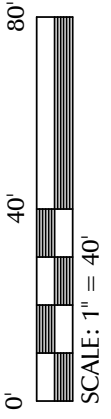
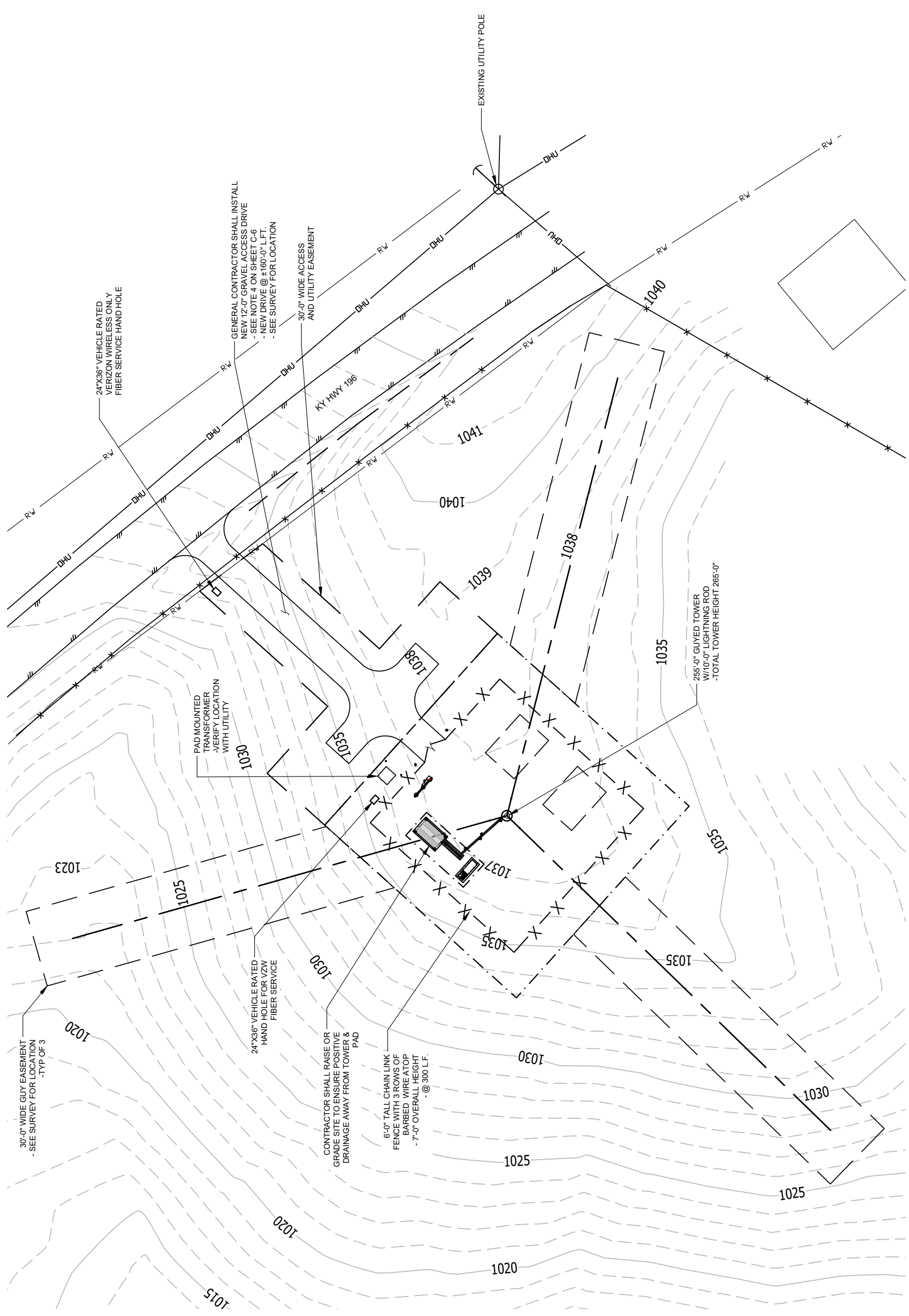
GRADING AND E&S
CONTROL PLAN

DRAWING NO.

Z-3

REVISION:

1



GRADING AND E&S
CONTROL PLAN



Know what's below.
Call before you dig.
Call Money this Friday - 7 am. to 6 pm.
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE
LAW TO EXCAVATE WITHOUT NOTIFYING THE
COMMONWEALTH OF KENTUCKY (811) AT
LEAST 3 WORKING DAYS BEFORE COMMENCING WORK.

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RALEIGH, NC 27615

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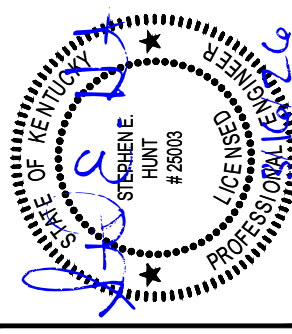
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SITE NUMBER:

KY-4128

SHEET TITLE:

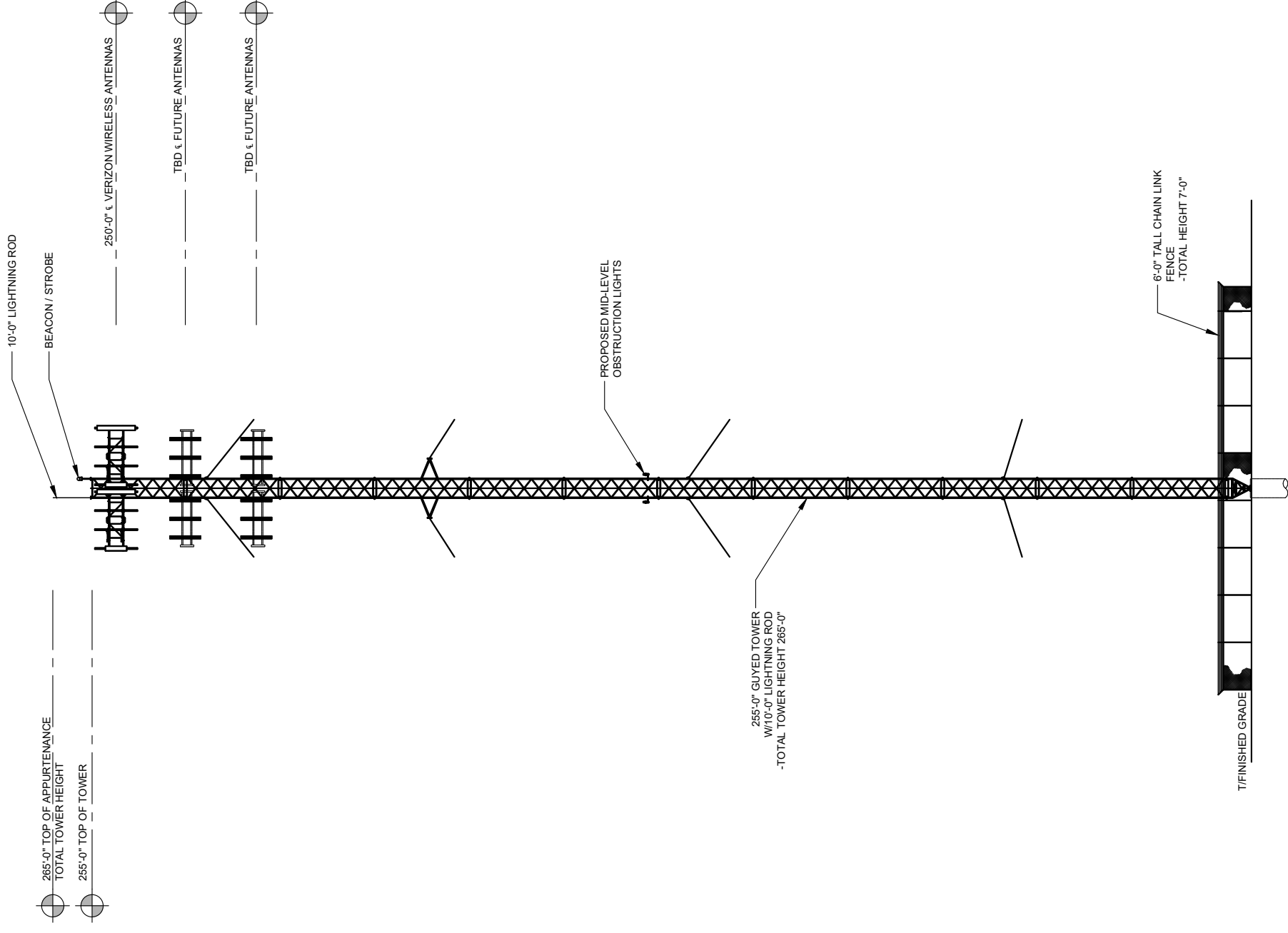
TOWER ELEVATION

DRAWING NO.

Z-5

REVISION:

1



TOWER ELEVATION

SCALE: N.T.S.

PREPARED FOR:



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RALEIGH, NC 27615

PREPARED BY:



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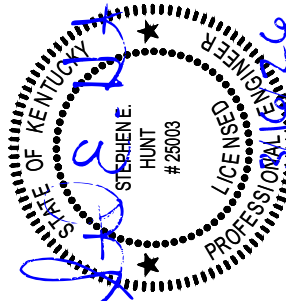
DRAWN BY: JAE

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COUNTY:

RUSSELL

LATITUDE:

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SITE NUMBER:

KY-4128

SHEET TITLE:

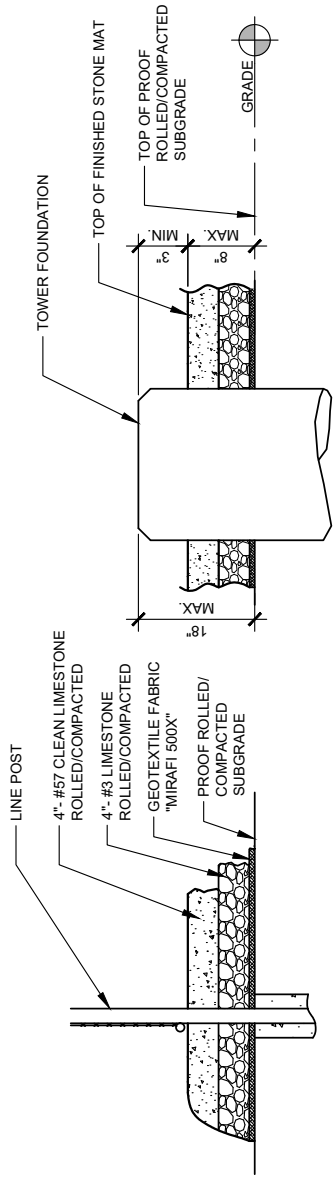
SITE DETAILS

DRAWING NO.

Z-6

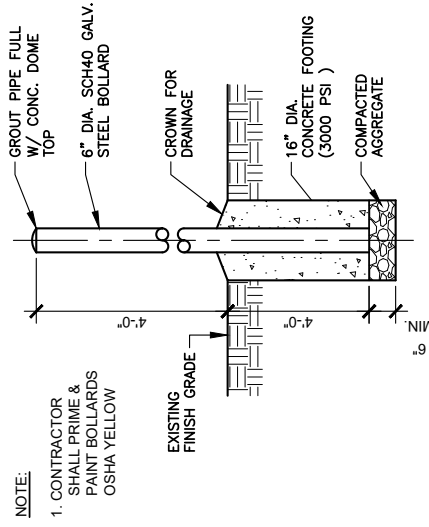
REVISION:

1



PARTIAL COMPOUND SECTION

SCALE: N.T.S.

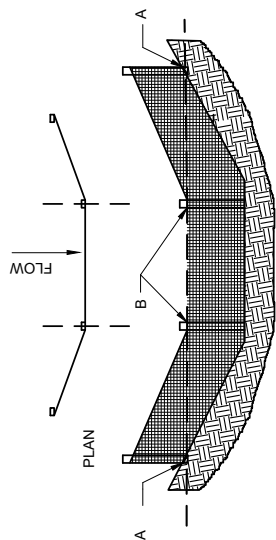
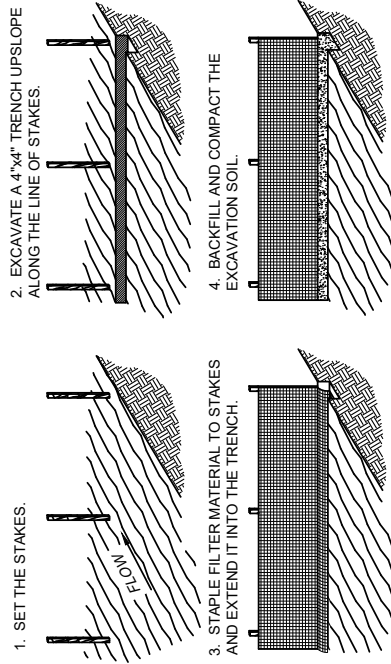


NOTE:

- CONTRACTOR SHALL PRIME & PAINT BOLLARDS OSHA YELLOW

BOLLARD DETAIL

SCALE: N.T.S.



POINTS A SHOULD BE HIGHER THAN POINT B

SILT FENCE DETAIL

SCALE: N.T.S.

PREPARED FOR:



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615

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SITE NUMBER:

KY-4128

SHEET TITLE:

FENCE DETAILS
AND NOTES

DRAWING NO.

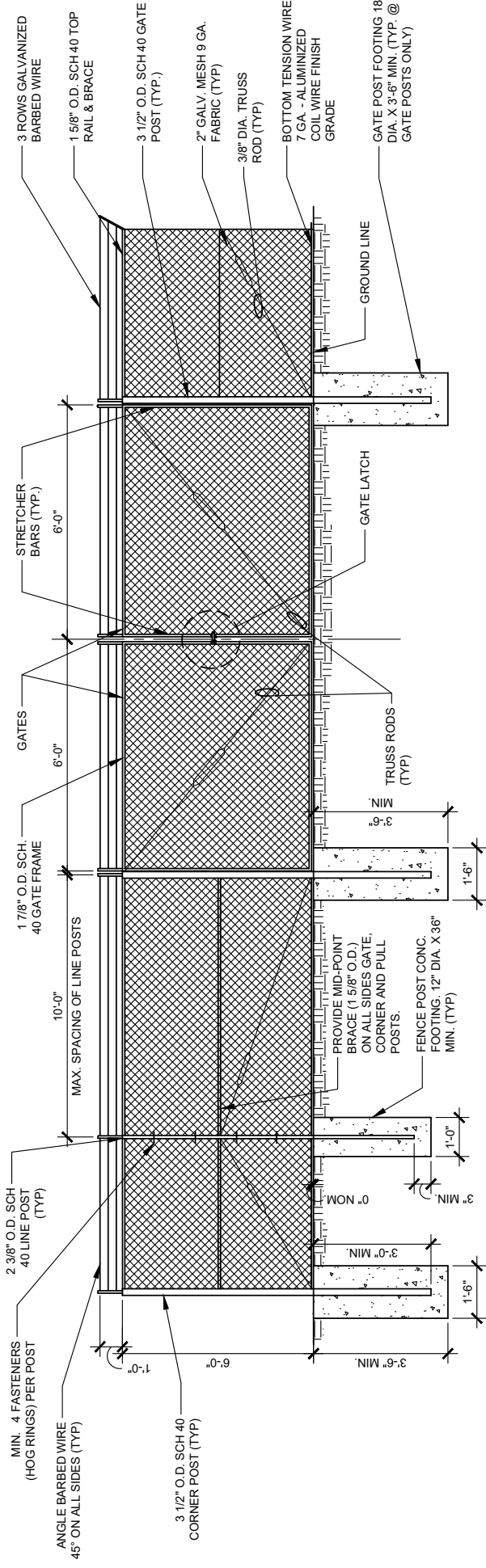
Z-7

REVISION:

1

CHAIN LINK FENCING NOTES

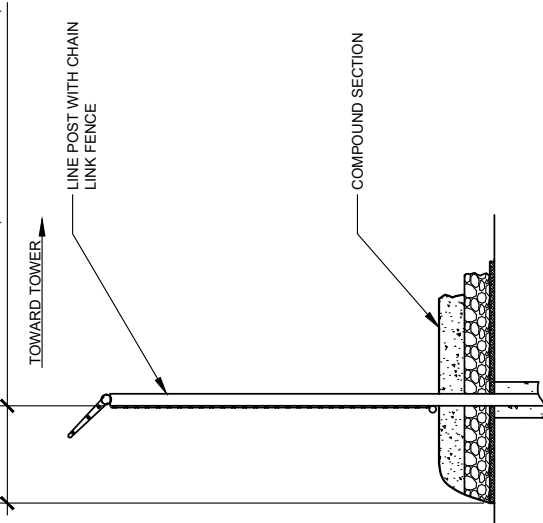
- ALL FENCE AND FABRIC SHALL BE HOT DIPPED GALVANIZED WITH A MINIMUM OF 2 OZ. PER SQUARE FOOT, 9 GAUGE WIRE (MIN. BREAKING STRENGTH OF 1,290 LBS) WITH 2" MESH. ALL BARBED WIRE SHALL BE ALUMINUM OR COATED PER NOTE #4.
- BOTTOM EDGE OF FENCE FABRIC SHALL EXTEND TO FINISHED GRADE.
- SITE FENCE SHALL BE 6'-0" FABRIC W/ 3 STRAND BARBED WIRE FOR TOTAL HEIGHT OF 7'-0". BARBED WIRE SHALL MEET ASTM A 121, CLASS 3 GALV. OR ASTM A 585, TYPE I, CLASS 2 COATING (NOT LESS THAN 0.8 OZ. PER SQ. FT.) AND SHALL BE THREE STRAND 12.5 GAUGE W/4 POINT BARBS AT 5" O/C.
- BOTTOM OF CONCRETE BASE SHALL BE SET BELOW FROSTLINE (SEE LOCAL CODE). WHERE SOIL BEARING CAPACITY IS LESS THAN 2000 PSF, INCREASE CONCRETE SURROUNDING FENCE POST FOUNDATION DIAMETERS BY 8", PROVIDE CONCRETE WITH A 28 DAY STRENGTH OF 3000 PSI (MIN.).
- PROVIDE A DIAGONAL BRACE ROD AND TURN BUCKLE ON BOTH GATE LEAFS.
- ALL RAILS AND BRACES SHALL BE SCHEDULE 40 STEEL PIPE, AND ALL FENCE POSTS SHALL BE SCHEDULE 40 STEEL PIPE, AND BE 2 OZ. GALVANIZED COATED.
- CONTRACTOR SHALL ENSURE ALL POSTS ARE PLUMB.
- ALL FENCE SHALL BE FABRICATED AND INSTALLED PER ASTM F2611-15, ASTM F567-14a AND CHAIN LINK FENCE MANUFACTURES INSTITUTE CLFMI-PM 2445.
- CONTRACTOR SHALL FURNISH AND INSTALL ONE (1) MASTER LOCK LONG SHANK #175LH COMBINATION PADLOCK. COMBINATION TO BE SET AT 7011.



CHAIN LINK FENCE & POST DETAIL

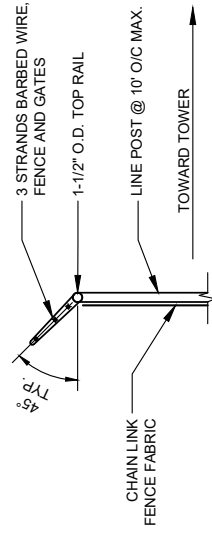
SCALE: N.T.S.

12" (UNLESS NOTED OTHERWISE)



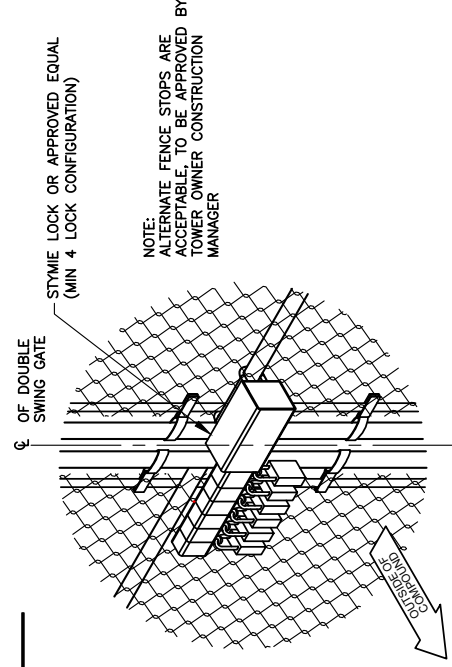
SITE AREA SURFACING

SCALE: N.T.S.



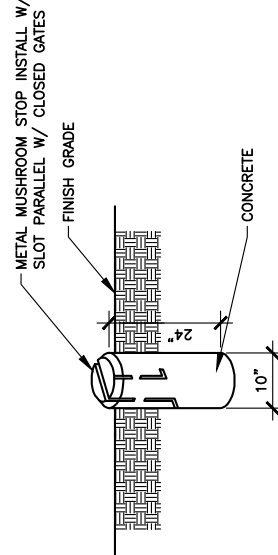
TYPICAL BARBED WIRE DETAIL

SCALE: N.T.S.



GATE LOCK DETAIL

SCALE: N.T.S.

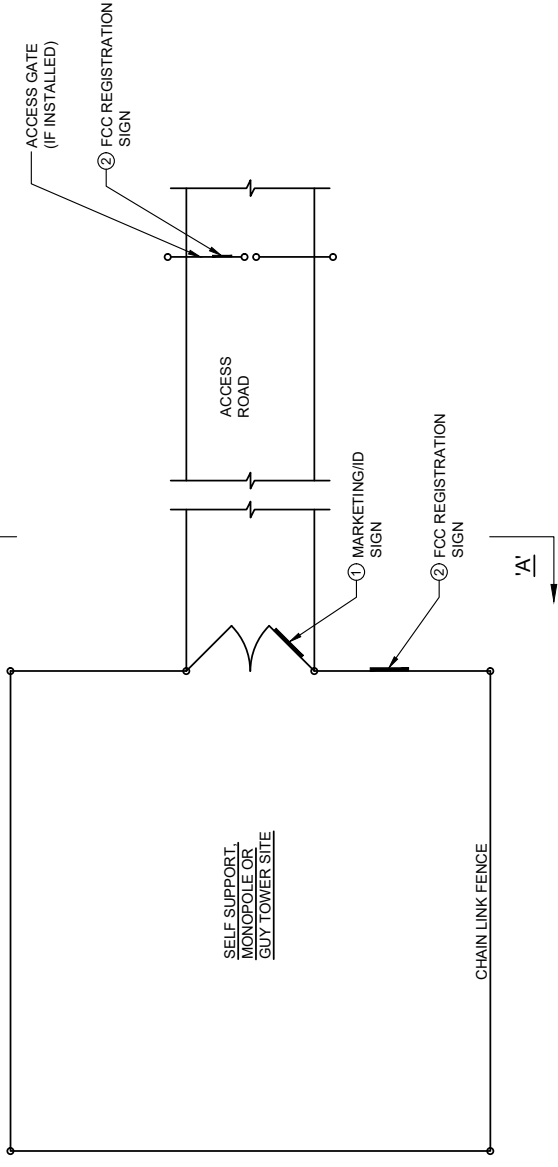


MUSHROOM STOP DETAIL

SCALE: N.T.S.

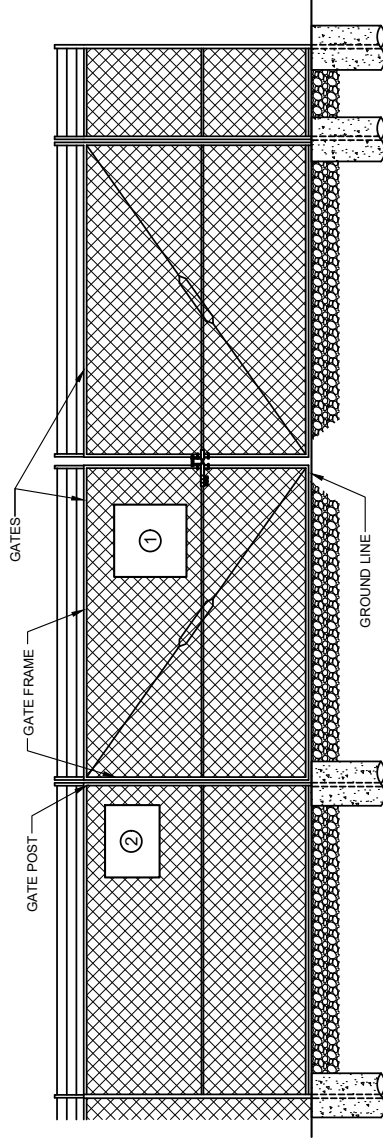
NOTES:

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



TYPICAL SITE FENCE SIGNAGE PLAN

SCALE: N. T. S.



ELEVATION "A-A"

SCALE: N. T. S.

PREPARED FOR:



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615

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.

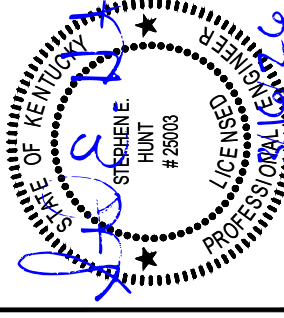
DRAWN BY: JAE

CHECKED BY: DS

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	03/16/26	JAE	ZONING ISSUE
0	01/15/26	DMB	FINALS
B	12/22/25	WAM	PRELIMINARY REVIEW
A	10/31/25	JAE	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

CK JABEZ

ADDRESS:

TBD KY HIGHWAY 196
NANCY, KY 42544

COUNTY:

RUSSELL

LATITUDE:

36° 59' 08.09" N

LONGITUDE:

84° 53' 29.51" W

SITE NUMBER:

KY-4128

SHEET TITLE:

TOWER OWNER SIGNAGE

DRAWING NO.

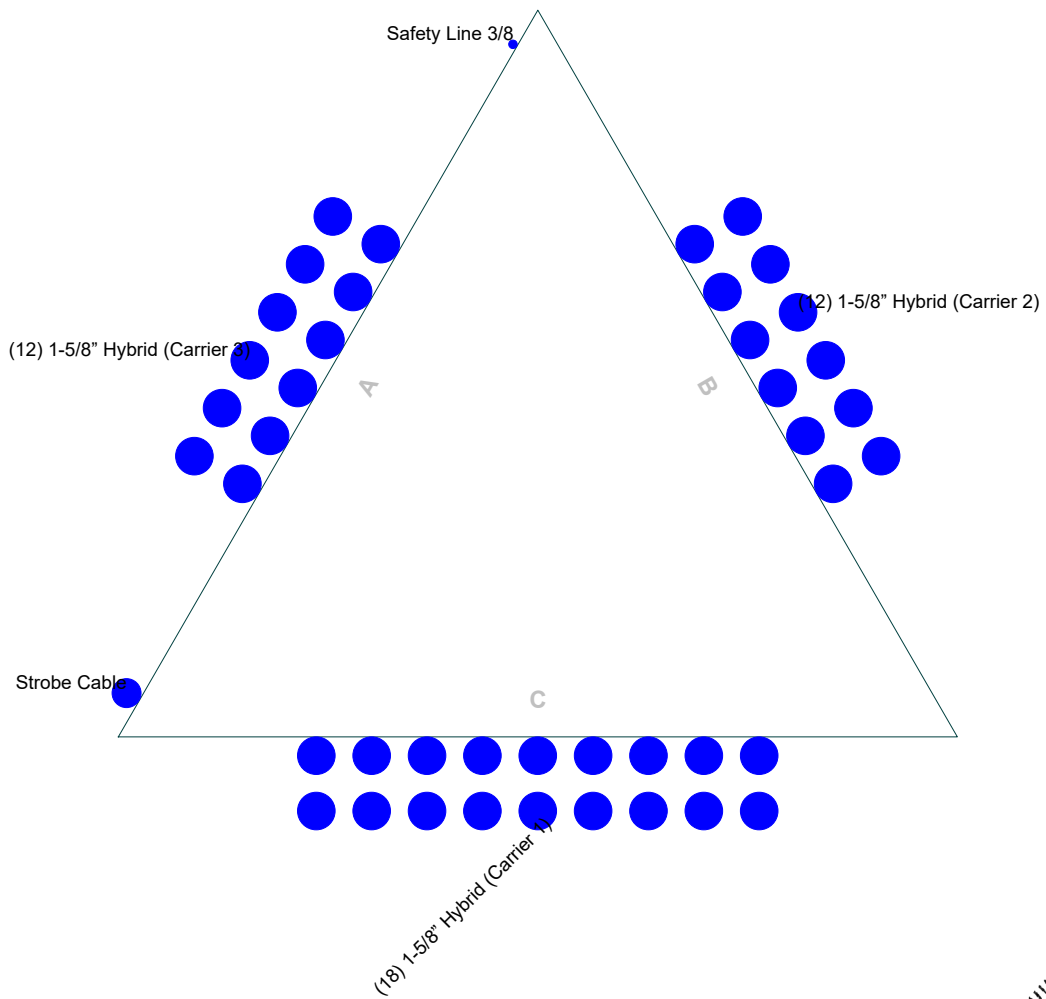
Z-8

REVISION:

1

Feed Line Plan

Round Flat App In Face App Out Face



ARCOSA
TELECOM STRUCTURES

B+T Engineering
1717 S Boulder Ave, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job: ATS#: C254 - CK Jabez (Site# KY-4128)		
Project: 255' 36G/36.98558056, -84.89153056		
Client: APC Towers	Drawn by: aashwood	App'd:
Code: TIA-222-H	Date: 02/27/26	Scale: NTS
Path:		Dwg No. E-7

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job ATS#: C254 - CK Jabez (Site# KY-4128)	Page 1 of 47
	Project 255' 36G/36.98558056, -84.89153056	Date 16:24:18 02/27/26
	Client APC Towers	Designed by aashwood

Tower Input Data

The main tower is a 3x guyed tower with an overall height of 255.000 ft above the ground line.

The base of the tower is set at an elevation of 0.000 ft above the ground line.

The face width of the tower is 3.000 ft at the top and tapered at the base.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

Tower is located in Russell County, Kentucky.

Tower base elevation above sea level: 1038.000 ft.

Basic wind speed of 105 mph.

Risk Category II.

Exposure Category C.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0.000 ft.

Nominal ice thickness of 1.500 in.

Ice thickness is considered to increase with height.

Ice density of 56.000 pcf.

A wind speed of 30 mph is used in combination with ice.

Temperature drop of 50.000 °F.

Deflections calculated using a wind speed of 60 mph.

Please see feedline plan for proper feedline placement. Deviation from plan may reduce tower capacity..

Pressures are calculated at each section.

Stress ratio used in tower member design is 1.

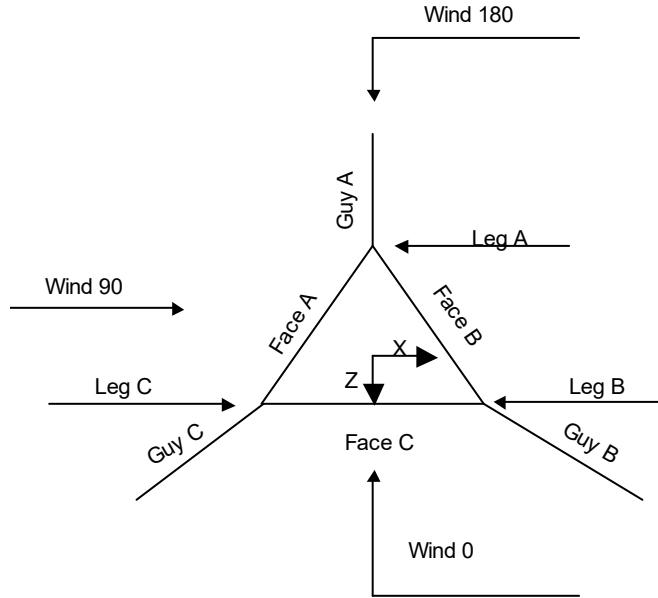
Safety factor used in guy design is 1.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

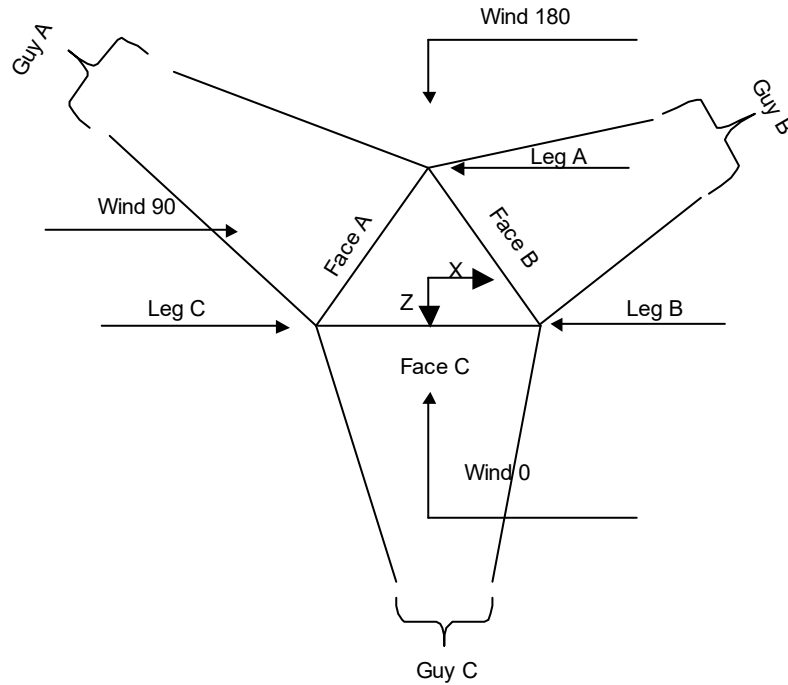
- | | | |
|--|---|--|
| <ul style="list-style-type: none"> Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification √ Use Code Stress Ratios √ Use Code Safety Factors - Guys Escalate Ice Always Use Max Kz Kz In Exposure D Hurricane Region √ Include Bolts In Member Capacity √ Leg Bolts Are At Top Of Section √ Secondary Horizontal Braces Leg Use Diamond Inner Bracing (4 Sided) SR Members Have Cut Ends SR Members Are Concentric Distribute Leg Loads As Uniform Use Special Wind Profile | <ul style="list-style-type: none"> Assume Legs Pinned √ Assume Rigid Index Plate √ Use Clear Spans For Wind Area √ Use Clear Spans For KL/r √ Retension Guys To Initial Tension √ Bypass Mast Stability Checks √ Use Azimuth Dish Coefficients √ Project Wind Area of Appurtenances Alternative Appurt. EPA Calculation √ Autocalc Torque Arm Areas Add IBC .6D+W Combination √ Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs Use ASCE 10 X-Brace Ly Rules | <ul style="list-style-type: none"> √ Calculate Redundant Bracing Forces Ignore Redundant Members in FEA √ SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation √ Consider Feed Line Torque √ Include Angle Block Shear Check Use TIA-222-H Bracing Resist. Exemption Use TIA-222-H Tension Splice Exemption <li style="text-align: center;">Poles Include Shear-Torsion Interaction Always Use Sub-Critical Flow Use Top Mounted Sockets Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known |
|--|---|--|

Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	2 of 47
Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
Client	APC Towers	Designed by	aashwood



Corner & Starmount Guyed Tower

Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	3 of 47
Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
Client	APC Towers	Designed by	aashwood



Face Guyed

Tower Section Geometry

Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of Sections	Section Length
	ft			ft		ft
T1	255.000-235.000			3.000	1	20.000
T2	235.000-215.000			3.000	1	20.000
T3	215.000-195.000			3.000	1	20.000
T4	195.000-175.000			3.000	1	20.000
T5	175.000-155.000			3.000	1	20.000
T6	155.000-135.000			3.000	1	20.000
T7	135.000-115.000			3.000	1	20.000
T8	115.000-95.000			3.000	1	20.000
T9	95.000-75.000			3.000	1	20.000
T10	75.000-55.000			3.000	1	20.000
T11	55.000-35.000			3.000	1	20.000
T12	35.000-15.000			3.000	1	20.000
T13	15.000-5.000			3.000	1	10.000
T14	5.000-0.000			3.000	1	5.000

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job ATS#: C254 - CK Jabez (Site# KY-4128)	Page 4 of 47
	Project 255' 36G/36.98558056, -84.89153056	Date 16:24:18 02/27/26
	Client APC Towers	Designed by aashwood

Tower Section Geometry (cont'd)

Tower Section	Tower Elevation ft	Diagonal Spacing ft	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset in	Bottom Girt Offset in
T1	255.000-235.000	2.404	K Brace Right	No	Yes	4.625	4.625
T2	235.000-215.000	2.404	K Brace Right	No	Yes	4.625	4.625
T3	215.000-195.000	2.404	K Brace Right	No	Yes	4.625	4.625
T4	195.000-175.000	2.404	K Brace Right	No	Yes	4.625	4.625
T5	175.000-155.000	2.404	K Brace Right	No	Yes	4.625	4.625
T6	155.000-135.000	2.404	K Brace Right	No	Yes	4.625	4.625
T7	135.000-115.000	2.404	K Brace Right	No	Yes	4.625	4.625
T8	115.000-95.000	2.404	K Brace Right	No	Yes	4.625	4.625
T9	95.000-75.000	2.404	K Brace Right	No	Yes	4.625	4.625
T10	75.000-55.000	2.404	K Brace Right	No	Yes	4.625	4.625
T11	55.000-35.000	2.404	K Brace Right	No	Yes	4.625	4.625
T12	35.000-15.000	2.404	K Brace Right	No	Yes	4.625	4.625
T13	15.000-5.000	2.307	K Brace Right	No	Yes	4.625	4.625
T14	5.000-0.000	2.115	K Brace Right	No	Yes	4.625	4.625

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
T1 255.000-235.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	1	A529-50 (50 ksi)
T2 235.000-215.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	1	A529-50 (50 ksi)
T3 215.000-195.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	1	A529-50 (50 ksi)
T4 195.000-175.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T5 175.000-155.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T6 155.000-135.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.875	A529-50 (50 ksi)
T7 135.000-115.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.875	A529-50 (50 ksi)
T8 115.000-95.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T9 95.000-75.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T10 75.000-55.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T11 55.000-35.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T12 35.000-15.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T13 15.000-5.000	Solid Round	1 3/4	A529-50 (50 ksi)	Solid Round	.75	A529-50 (50 ksi)
T14 5.000-0.000	Solid Round	2 1/4	A529-50 (50 ksi)	Solid Round	1	A529-50 (50 ksi)

<p>tnxTower</p> <p>B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job</p> <p>ATS#: C254 - CK Jabez (Site# KY-4128)</p>	<p>Page</p> <p>5 of 47</p>
	<p>Project</p> <p>255' 36G/36.98558056, -84.89153056</p>	<p>Date</p> <p>16:24:18 02/27/26</p>
	<p>Client</p> <p>APC Towers</p>	<p>Designed by</p> <p>aashwood</p>

Tower Section Geometry (cont'd)

Tower Elevation ft	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
T1 255.000-235.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T2 235.000-215.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T3 215.000-195.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T4 195.000-175.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T5 175.000-155.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T6 155.000-135.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T7 135.000-115.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T8 115.000-95.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T9 95.000-75.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T10 75.000-55.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T11 55.000-35.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T12 35.000-15.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T13 15.000-5.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T14 5.000-0.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T1 255.000-235.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T2 235.000-215.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T3 215.000-195.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T4 195.000-175.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T5 175.000-155.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T6 155.000-135.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T7 135.000-115.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T8 115.000-95.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T9 95.000-75.000	None	Flat Bar		A36	Solid Round	3/4	A529-50

<p>tnxTower</p> <p>B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job</p> <p>ATS#: C254 - CK Jabez (Site# KY-4128)</p>	<p>Page</p> <p>6 of 47</p>
	<p>Project</p> <p>255' 36G/36.98558056, -84.89153056</p>	<p>Date</p> <p>16:24:18 02/27/26</p>
	<p>Client</p> <p>APC Towers</p>	<p>Designed by</p> <p>aashwood</p>

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T10 75.000-55.000	None	Flat Bar		(36 ksi) A36	Solid Round	3/4	(50 ksi) A529-50
T11 55.000-35.000	None	Flat Bar		(36 ksi) A36	Solid Round	3/4	(50 ksi) A529-50
T12 35.000-15.000	None	Flat Bar		(36 ksi) A36	Solid Round	3/4	(50 ksi) A529-50
T13 15.000-5.000	None	Flat Bar		(36 ksi) A36	Solid Round	3/4	(50 ksi) A529-50
T14 5.000-0.000	None	Flat Bar		(36 ksi) A36	Solid Round	3/4	(50 ksi) A529-50

Tower Section Geometry (cont'd)

Tower Elevation ft	Gusset Area (per face) ft ²	Gusset Thickness in	Gusset Grade	Adjust. Factor A _f	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
T1 255.000-235.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T2 235.000-215.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T3 215.000-195.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T4 195.000-175.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T5 175.000-155.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T6 155.000-135.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T7 135.000-115.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T8 115.000-95.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T9 95.000-75.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T10 75.000-55.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T11 55.000-35.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T12 35.000-15.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T13 15.000-5.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T14 5.000-0.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	7 of 47
	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Tower Section Geometry (cont'd)

Tower Elevation	Calc K Single Angles	Calc K Solid Rounds	Legs	K Factors ¹							
				X Brace Diags	K Brace Diags	Single Diags	Girts	Horiz.	Sec. Horiz.	Inner Brace	
				X Y	X Y	X Y	X Y	X Y	X Y	X Y	
ft											
T1 255.000-235.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T2 235.000-215.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T3 215.000-195.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T4 195.000-175.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T5 175.000-155.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T6 155.000-135.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T7 135.000-115.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T8 115.000-95.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T9 95.000-75.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T10 75.000-55.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T11 55.000-35.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T12 35.000-15.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T13 15.000-5.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T14 5.000-0.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1

¹Note: K factors are applied to member segment lengths. K-braces without inner supporting members will have the K factor in the out-of-plane direction applied to the overall length.

Tower Section Geometry (cont'd)

Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	8 of 47
Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
Client	APC Towers	Designed by	aashwood

Tower Elevation ft	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 255.000-235.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T2 235.000-215.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T3 215.000-195.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T4 195.000-175.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T5 175.000-155.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T6 155.000-135.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T7 135.000-115.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T8 115.000-95.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T9 95.000-75.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T10 75.000-55.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T11 55.000-35.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T12 35.000-15.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T13 15.000-5.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T14 5.000-0.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 255.000-235.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)

Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	9 of 47
Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
Client	APC Towers	Designed by	aashwood

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T2 235.000-215.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
T3 215.000-195.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
T4 195.000-175.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
T5 175.000-155.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
T6 155.000-135.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
T7 135.000-115.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
T8 115.000-95.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)

tnxTower

B+T Engineering
 1717 S Boulder Ave, Suite 300
 Tulsa, OK 74119
 Phone: (918) 587-4630
 FAX: (918) 295-0265

Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	10 of 47
Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
Client	APC Towers	Designed by	aashwood

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T9 95.000-75.000	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
T10 75.000-55.000	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
T11 55.000-35.000	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
T12 35.000-15.000	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
T13 15.000-5.000	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)
	0.000	0.75 (3)	0.000	0.75 (3)							0.000	0.75 (3)	0.000	0.75 (3)
	0.000	0.75 (4)	0.000	0.75 (4)							0.000	0.75 (4)	0.000	0.75 (4)
	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
T14 5.000-0.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75 (1)	0.000	0.75 (1)
	0.000	0.75 (2)	0.000	0.75 (2)							0.000	0.75 (2)	0.000	0.75 (2)

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job ATS#: C254 - CK Jabez (Site# KY-4128)	Page 11 of 47
	Project 255' 36G/36.98558056, -84.89153056	Date 16:24:18 02/27/26
	Client APC Towers	Designed by aashwood

0.000	0.75 (3)	0.000	0.75 (3)			0.000	0.75 (3)	0.000	0.75 (3)
0.000	0.75 (4)	0.000	0.75 (4)			0.000	0.75 (4)	0.000	0.75 (4)

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
255.000-235.000	T1 Flange	0.750	0	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
235.000-215.000	T2 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
215.000-195.000	T3 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
195.000-175.000	T4 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
175.000-155.000	T5 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
155.000-135.000	T6 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
135.000-115.000	T7 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
115.000-95.000	T8 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
95.000-75.000	T9 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
75.000-55.000	T10 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
55.000-35.000	T11 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
35.000-15.000	T12 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
15.000-5.000	T13 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
5.000-0.000	T14 Flange	0.750	3	0.000	0	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	

Guy Data

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	12 of 47	
	Project	255' 36G/36.98558056, -84.89153056		Date	16:24:18 02/27/26
	Client	APC Towers		Designed by	aashwood

Guy Elevation	Guy Grade	Guy Size	Initial Tension	%	Guy Modulus	Guy Weight	L _u	Anchor Radius	Anchor Azimuth Adj.	Anchor Elevation	End Fitting Efficiency
ft			K		ksi	plf	ft	ft	°	ft	%
72.2109	EHS	A 3/8	1.540	10%	21000.000	0.273	187.546	175.000	0.000	0.000	100%
		B EModulus	1.540	10%	21000.000	0.273	187.546	175.000	0.000	0.000	100%
		C 3/8	1.540	10%	21000.000	0.273	187.546	175.000	0.000	0.000	100%
132.211	EHS	A 3/8	1.540	10%	21000.000	0.273	217.753	175.000	0.000	0.000	100%
		B EModulus	1.540	10%	21000.000	0.273	217.753	175.000	0.000	0.000	100%
		C 3/8	1.540	10%	21000.000	0.273	217.753	175.000	0.000	0.000	100%
205	EHS	A 7/16	2.080	10%	21000.000	0.399	268.210	175.000	0.000	0.000	100%
		B EModulus	2.080	10%	21000.000	0.399	268.210	175.000	0.000	0.000	100%
		C 7/16	2.080	10%	21000.000	0.399	268.210	175.000	0.000	0.000	100%
245	EHS	A 5/8	4.240	10%	21000.000	0.813	299.828	175.000	0.000	0.000	100%
		B EModulus	4.240	10%	21000.000	0.813	299.828	175.000	0.000	0.000	100%
		C 5/8	4.240	10%	21000.000	0.813	299.828	175.000	0.000	0.000	100%

Guy Data(cont'd)

Guy Elevation	Mount Type	Torque-Arm Spread	Torque-Arm Leg Angle	Torque-Arm Style	Torque-Arm Grade	Torque-Arm Type	Torque-Arm Size
ft		ft	°				
72.2109	Corner						
132.211	Corner						
205	Torque Arm	6.000	0.000	Channel	A529-50 (50 ksi)	Channel	C12x20.7
245	Corner						

Guy Data (cont'd)

Guy Elevation	Diagonal Grade	Diagonal Type	Upper Diagonal Size	Lower Diagonal Size	Is Strap.	Pull-Off Grade	Pull-Off Type	Pull-Off Size
ft								
72.211	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8
132.211	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8
205.000	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8
245.000	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job ATS#: C254 - CK Jabez (Site# KY-4128)	Page 13 of 47
	Project 255' 36G/36.98558056, -84.89153056	Date 16:24:18 02/27/26
	Client APC Towers	Designed by aashwood

Guy Data (cont'd)

Guy Elevation ft	Cable Weight A K	Cable Weight B K	Cable Weight C K	Cable Weight D K	Tower Intercept		Tower Intercept	
					A ft	B ft	C ft	D ft
72.2109	0.051	0.051	0.051		3.101	3.101	3.101	
					3.0 sec/pulse	3.0 sec/pulse	3.0 sec/pulse	
132.211	0.059	0.059	0.059		4.158	4.158	4.158	
					3.5 sec/pulse	3.5 sec/pulse	3.5 sec/pulse	
205	0.107	0.107	0.107		6.773	6.773	6.773	
					4.5 sec/pulse	4.5 sec/pulse	4.5 sec/pulse	
245	0.244	0.244	0.244		8.429	8.429	8.429	
					5.0 sec/pulse	5.0 sec/pulse	5.0 sec/pulse	

Guy Data (cont'd)

Guy Elevation ft	Calc K Single Angles	Calc K Solid Rounds	Torque Arm		Pull Off		Diagonal	
			K _x	K _y	K _x	K _y	K _x	K _y
72.2109	No	No			0.8	0.8	1	1
132.211	No	No			0.8	0.8	1	1
205	No	No	1	1	0.8	0.8	1	1
245	No	No			0.8	0.8	1	1

Guy Data (cont'd)

Guy Elevation ft	Torque-Arm				Pull Off				Diagonal			
	Bolt Size in	Number	Net Width Deduct in	U	Bolt Size in	Number	Net Width Deduct in	U	Bolt Size in	Number	Net Width Deduct in	U
72.2109	0.625 A325N	0	0.000	0.75	0.625 A325N	0	0.000	1	0.625 A325N	0	0.000	1
132.211	0.000 A325N	0	0.000	0.75	0.625 A325N	0	0.000	1	0.625 A325N	0	0.000	1
205	0.000 A325N	0	0.000	0.75	0.625 A325N	0	0.000	1	0.625 A325N	0	0.000	1
245	0.000 A325N	0	0.000	0.75	0.625 A325N	0	0.000	1	0.625 A325N	0	0.000	1

Guy Pressures

Guy Elevation ft	Guy Location	z ft	q _z ksf	q _z Ice ksf	Ice Thickness in
72.2109	A	36.105	0.024	0.002	1.514

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	Client APC Towers	Designed by aashwood

Guy Elevation ft	Guy Location	z ft	q _z ksf	q _z Ice ksf	Ice Thickness in
132.211	B	36.105	0.024	0.002	1.514
	C	36.105	0.024	0.002	1.514
	A	66.105	0.027	0.002	1.608
	B	66.105	0.027	0.002	1.608
	C	66.105	0.027	0.002	1.608
205	A	102.500	0.029	0.002	1.680
	B	102.500	0.029	0.002	1.680
	C	102.500	0.029	0.002	1.680
245	A	122.500	0.031	0.002	1.710
	B	122.500	0.031	0.002	1.710
	C	122.500	0.031	0.002	1.710

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
1-5/8" Hybrid (Carrier 1) **	C	No	No	Ar (CaAa)	250.000 - 10.000	0.000	0	18	9	0.750	1.625		0.001
1-5/8" Hybrid (Carrier 2) **	B	No	No	Ar (CaAa)	235.000 - 10.000	0.000	0	12	6	0.750	1.625		0.001
1-5/8" Hybrid (Carrier 3) **	A	No	No	Ar (CaAa)	220.000 - 10.000	0.000	0	12	6	0.750	1.625		0.001
Safety Line 3/8	A	No	No	Ar (CaAa)	255.000 - 10.000	0.000	0.45	1	1	0.375	0.375		0.000
Strobe Cable **	A	No	No	Ar (CaAa)	255.000 - 10.000	0.000	-0.45	1	1	1.250	1.250		0.001

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C _{AA} ft ² /ft	Weight klf
**								

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
T1	255.000-235.000	A	0.000	0.000	3.250	0.000	0.018
		B	0.000	0.000	0.000	0.000	0.000

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	Client	APC Towers		Designed by	aashwood

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
T2	235.000-215.000	C	0.000	0.000	43.875	0.000	0.281
		A	0.000	0.000	13.000	0.000	0.081
		B	0.000	0.000	39.000	0.000	0.250
T3	215.000-195.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T4	195.000-175.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T5	175.000-155.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T6	155.000-135.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T7	135.000-115.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T8	115.000-95.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T9	95.000-75.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T10	75.000-55.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T11	55.000-35.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T12	35.000-15.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
T13	15.000-5.000	C	0.000	0.000	58.500	0.000	0.374
		A	0.000	0.000	10.562	0.000	0.067
		B	0.000	0.000	9.750	0.000	0.062
T14	5.000-0.000	C	0.000	0.000	14.625	0.000	0.094
		A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.000

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
T1	255.000-235.000	A	1.833	0.000	0.000	17.914	0.000	0.255
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	47.760	0.000	1.114
T2	235.000-215.000	A	1.817	0.000	0.000	29.514	0.000	0.509
		B		0.000	0.000	46.897	0.000	1.027
		C		0.000	0.000	63.582	0.000	1.478
T3	215.000-195.000	A	1.801	0.000	0.000	64.441	0.000	1.270
		B		0.000	0.000	46.786	0.000	1.021
		C		0.000	0.000	63.477	0.000	1.471
T4	195.000-175.000	A	1.782	0.000	0.000	64.172	0.000	1.259
		B		0.000	0.000	46.665	0.000	1.015
		C		0.000	0.000	63.361	0.000	1.462

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Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
T5	175.000-155.000	A	1.762	0.000	0.000	63.876	0.000	1.248
		B		0.000	0.000	46.531	0.000	1.008
		C		0.000	0.000	63.234	0.000	1.453
T6	155.000-135.000	A	1.739	0.000	0.000	63.546	0.000	1.235
		B		0.000	0.000	46.382	0.000	1.000
		C		0.000	0.000	63.093	0.000	1.443
T7	135.000-115.000	A	1.714	0.000	0.000	63.172	0.000	1.221
		B		0.000	0.000	46.213	0.000	0.991
		C		0.000	0.000	62.933	0.000	1.431
T8	115.000-95.000	A	1.684	0.000	0.000	62.740	0.000	1.205
		B		0.000	0.000	46.018	0.000	0.981
		C		0.000	0.000	62.747	0.000	1.417
T9	95.000-75.000	A	1.649	0.000	0.000	62.227	0.000	1.186
		B		0.000	0.000	45.786	0.000	0.969
		C		0.000	0.000	62.528	0.000	1.401
T10	75.000-55.000	A	1.605	0.000	0.000	61.591	0.000	1.162
		B		0.000	0.000	45.499	0.000	0.954
		C		0.000	0.000	62.255	0.000	1.382
T11	55.000-35.000	A	1.547	0.000	0.000	60.747	0.000	1.131
		B		0.000	0.000	45.119	0.000	0.935
		C		0.000	0.000	61.894	0.000	1.356
T12	35.000-15.000	A	1.459	0.000	0.000	59.461	0.000	1.085
		B		0.000	0.000	44.539	0.000	0.905
		C		0.000	0.000	61.345	0.000	1.316
T13	15.000-5.000	A	1.331	0.000	0.000	14.401	0.000	0.255
		B		0.000	0.000	10.926	0.000	0.216
		C		0.000	0.000	15.139	0.000	0.315
T14	5.000-0.000	A	1.159	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.000

Feed Line Center of Pressure

Section	Elevation ft	CP _x in	CP _z in	CP _x Ice in	CP _z Ice in
T1	255.000-235.000	-0.628	2.516	-0.924	0.640
T2	235.000-215.000	0.830	-1.149	0.091	-0.608
T3	215.000-195.000	-0.386	-2.188	-0.698	-1.220
T4	195.000-175.000	-0.404	-2.294	-0.757	-1.336
T5	175.000-155.000	-0.404	-2.294	-0.758	-1.347
T6	155.000-135.000	-0.402	-2.278	-0.753	-1.347
T7	135.000-115.000	-0.388	-2.202	-0.714	-1.284
T8	115.000-95.000	-0.404	-2.294	-0.763	-1.390
T9	95.000-75.000	-0.404	-2.294	-0.765	-1.410
T10	75.000-55.000	-0.391	-2.217	-0.728	-1.360
T11	55.000-35.000	-0.404	-2.294	-0.767	-1.466
T12	35.000-15.000	-0.404	-2.294	-0.768	-1.514
T13	15.000-5.000	-0.330	-1.809	-0.542	-1.090
T14	5.000-0.000	0.000	0.000	0.000	0.000

Shielding Factor Ka

<i>Tower Section</i>	<i>Feed Line Record No.</i>	<i>Description</i>	<i>Feed Line Segment Elev.</i>	<i>K_a No Ice</i>	<i>K_a Ice</i>
T1	1	1-5/8" Hybrid	235.00 - 250.00	0.6000	0.4103
T1	7	Safety Line 3/8	235.00 - 255.00	0.6000	0.4103
T1	8	Strobe Cable	235.00 - 255.00	0.6000	0.4103
T2	1	1-5/8" Hybrid	215.00 - 235.00	0.6000	0.4398
T2	3	1-5/8" Hybrid	215.00 - 235.00	0.6000	0.4398
T2	5	1-5/8" Hybrid	215.00 - 220.00	0.6000	0.4398
T2	7	Safety Line 3/8	215.00 - 235.00	0.6000	0.4398
T2	8	Strobe Cable	215.00 - 235.00	0.6000	0.4398
T3	1	1-5/8" Hybrid	195.00 - 215.00	0.6000	0.4170
T3	3	1-5/8" Hybrid	195.00 - 215.00	0.6000	0.4170
T3	5	1-5/8" Hybrid	195.00 - 215.00	0.6000	0.4170
T3	7	Safety Line 3/8	195.00 - 215.00	0.6000	0.4170
T3	8	Strobe Cable	195.00 - 215.00	0.6000	0.4170
T4	1	1-5/8" Hybrid	175.00 - 195.00	0.6000	0.4558
T4	3	1-5/8" Hybrid	175.00 - 195.00	0.6000	0.4558
T4	5	1-5/8" Hybrid	175.00 - 195.00	0.6000	0.4558
T4	7	Safety Line 3/8	175.00 - 195.00	0.6000	0.4558
T4	8	Strobe Cable	175.00 - 195.00	0.6000	0.4558
T5	1	1-5/8" Hybrid	155.00 - 175.00	0.6000	0.4600
T5	3	1-5/8" Hybrid	155.00 - 175.00	0.6000	0.4600
T5	5	1-5/8" Hybrid	155.00 - 175.00	0.6000	0.4600
T5	7	Safety Line 3/8	155.00 - 175.00	0.6000	0.4600
T5	8	Strobe Cable	155.00 - 175.00	0.6000	0.4600
T6	1	1-5/8" Hybrid	135.00 - 155.00	0.6000	0.4601
T6	3	1-5/8" Hybrid	135.00 - 155.00	0.6000	0.4601
T6	5	1-5/8" Hybrid	135.00 - 155.00	0.6000	0.4601
T6	7	Safety Line 3/8	135.00 - 155.00	0.6000	0.4601
T6	8	Strobe Cable	135.00 - 155.00	0.6000	0.4601
T7	1	1-5/8" Hybrid	115.00 - 135.00	0.6000	0.4396
T7	3	1-5/8" Hybrid	115.00 -	0.6000	0.4396

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	Client APC Towers	Designed by aashwood

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T7	5	1-5/8" Hybrid	135.00 - 115.00	0.6000	0.4396
T7	7	Safety Line 3/8	135.00 - 115.00	0.6000	0.4396
T7	8	Strobe Cable	135.00 - 115.00	0.6000	0.4396
T8	1	1-5/8" Hybrid	95.00 - 115.00	0.6000	0.4759
T8	3	1-5/8" Hybrid	95.00 - 115.00	0.6000	0.4759
T8	5	1-5/8" Hybrid	95.00 - 115.00	0.6000	0.4759
T8	7	Safety Line 3/8	95.00 - 115.00	0.6000	0.4759
T8	8	Strobe Cable	95.00 - 115.00	0.6000	0.4759
T9	1	1-5/8" Hybrid	75.00 - 95.00	0.6000	0.4831
T9	3	1-5/8" Hybrid	75.00 - 95.00	0.6000	0.4831
T9	5	1-5/8" Hybrid	75.00 - 95.00	0.6000	0.4831
T9	7	Safety Line 3/8	75.00 - 95.00	0.6000	0.4831
T9	8	Strobe Cable	75.00 - 95.00	0.6000	0.4831
T10	1	1-5/8" Hybrid	55.00 - 75.00	0.6000	0.4670
T10	3	1-5/8" Hybrid	55.00 - 75.00	0.6000	0.4670
T10	5	1-5/8" Hybrid	55.00 - 75.00	0.6000	0.4670
T10	7	Safety Line 3/8	55.00 - 75.00	0.6000	0.4670
T10	8	Strobe Cable	55.00 - 75.00	0.6000	0.4670
T11	1	1-5/8" Hybrid	35.00 - 55.00	0.6000	0.5042
T11	3	1-5/8" Hybrid	35.00 - 55.00	0.6000	0.5042
T11	5	1-5/8" Hybrid	35.00 - 55.00	0.6000	0.5042
T11	7	Safety Line 3/8	35.00 - 55.00	0.6000	0.5042
T11	8	Strobe Cable	35.00 - 55.00	0.6000	0.5042
T12	1	1-5/8" Hybrid	15.00 - 35.00	0.6000	0.5227
T12	3	1-5/8" Hybrid	15.00 - 35.00	0.6000	0.5227
T12	5	1-5/8" Hybrid	15.00 - 35.00	0.6000	0.5227
T12	7	Safety Line 3/8	15.00 - 35.00	0.6000	0.5227
T12	8	Strobe Cable	15.00 - 35.00	0.6000	0.5227
T13	1	1-5/8" Hybrid	10.00 - 15.00	0.6000	0.5395
T13	3	1-5/8" Hybrid	10.00 - 15.00	0.6000	0.5395
T13	5	1-5/8" Hybrid	10.00 - 15.00	0.6000	0.5395
T13	7	Safety Line 3/8	10.00 - 15.00	0.6000	0.5395
T13	8	Strobe Cable	10.00 - 15.00	0.6000	0.5395

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	Placement	$C_A A_A$ Front	$C_A A_A$ Side	Weight	
			ft ft ft	°	ft	ft ²	ft ²	K	
5' Lightning Rod	C	From Leg	0.000	0.000	255.000	No Ice	1.000	1.000	0.040
			0.000			1/2" Ice	2.017	2.017	0.049
			3.000			1" Ice	3.050	3.050	0.065
						2" Ice	5.148	5.148	0.116
Top Beacon	B	From Leg	0.000	0.000	255.000	No Ice	2.700	2.700	0.050
			0.000			1/2" Ice	3.100	3.100	0.070
			1.000			1" Ice	3.500	3.500	0.090
						2" Ice	4.300	4.300	0.130

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	Client	APC Towers	Designed by	aashwood

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	CAAA Front ft ²	CAAA Side ft ²	Weight K
**								
Sector1(CaAa=14000 Sq.in)No Ice (Carrier 1)	A	From Leg	4.000 0.000 0.000	0.000	250.000	No Ice 97.222 1/2" Ice 121.528 1" Ice 145.834 2" Ice 194.446	65.139 81.423 97.707 130.275	0.700 1.400 2.100 3.500
Sector2(CaAa=14000 Sq.in)No Ice (Carrier 1)	B	From Leg	4.000 0.000 0.000	0.000	250.000	No Ice 97.222 1/2" Ice 121.528 1" Ice 145.834 2" Ice 194.446	65.139 81.423 97.707 130.275	0.700 1.400 2.100 3.500
Sector3(CaAa=14000 Sq.in)No Ice (Carrier 1)	C	From Leg	4.000 0.000 0.000	0.000	250.000	No Ice 97.222 1/2" Ice 121.528 1" Ice 145.834 2" Ice 194.446	65.139 81.423 97.707 130.275	0.700 1.400 2.100 3.500
**								
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 2)	A	From Leg	4.000 0.000 0.000	0.000	235.000	No Ice 69.444 1/2" Ice 86.805 1" Ice 104.166 2" Ice 138.888	46.527 58.159 69.791 93.055	0.700 1.400 2.100 3.500
Sector2(CaAa=10000 Sq.in)No Ice (Carrier 2)	B	From Leg	4.000 0.000 0.000	0.000	235.000	No Ice 69.444 1/2" Ice 86.805 1" Ice 104.166 2" Ice 138.888	46.527 58.159 69.791 93.055	0.700 1.400 2.100 3.500
Sector3(CaAa=10000 Sq.in)No Ice (Carrier 2)	C	From Leg	4.000 0.000 0.000	0.000	235.000	No Ice 69.444 1/2" Ice 86.805 1" Ice 104.166 2" Ice 138.888	46.527 58.159 69.791 93.055	0.700 1.400 2.100 3.500
**								
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 3)	A	From Leg	4.000 0.000 0.000	0.000	220.000	No Ice 69.444 1/2" Ice 86.805 1" Ice 104.166 2" Ice 138.888	46.527 58.159 69.791 93.055	0.700 1.400 2.100 3.500
Sector2(CaAa=10000 Sq.in)No Ice (Carrier 3)	B	From Leg	4.000 0.000 0.000	0.000	220.000	No Ice 69.444 1/2" Ice 86.805 1" Ice 104.166 2" Ice 138.888	46.527 58.159 69.791 93.055	0.700 1.400 2.100 3.500
Sector3(CaAa=10000 Sq.in)No Ice (Carrier 3)	C	From Leg	4.000 0.000 0.000	0.000	220.000	No Ice 69.444 1/2" Ice 86.805 1" Ice 104.166 2" Ice 138.888	46.527 58.159 69.791 93.055	0.700 1.400 2.100 3.500
**								

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice+1.0 Guy
3	1.2 Dead+1.0 Wind 30 deg - No Ice+1.0 Guy
4	1.2 Dead+1.0 Wind 60 deg - No Ice+1.0 Guy
5	1.2 Dead+1.0 Wind 90 deg - No Ice+1.0 Guy
6	1.2 Dead+1.0 Wind 120 deg - No Ice+1.0 Guy

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Comb. No.	Description
7	1.2 Dead+1.0 Wind 150 deg - No Ice+1.0 Guy
8	1.2 Dead+1.0 Wind 180 deg - No Ice+1.0 Guy
9	1.2 Dead+1.0 Wind 210 deg - No Ice+1.0 Guy
10	1.2 Dead+1.0 Wind 240 deg - No Ice+1.0 Guy
11	1.2 Dead+1.0 Wind 270 deg - No Ice+1.0 Guy
12	1.2 Dead+1.0 Wind 300 deg - No Ice+1.0 Guy
13	1.2 Dead+1.0 Wind 330 deg - No Ice+1.0 Guy
14	1.2 Dead+1.0 Ice+1.0 Temp+Guy
15	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp+1.0 Guy
16	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp+1.0 Guy
17	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp+1.0 Guy
18	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp+1.0 Guy
19	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp+1.0 Guy
20	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp+1.0 Guy
21	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp+1.0 Guy
22	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp+1.0 Guy
23	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp+1.0 Guy
24	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp+1.0 Guy
25	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp+1.0 Guy
26	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp+1.0 Guy
27	Dead+Wind 0 deg - Service+Guy
28	Dead+Wind 30 deg - Service+Guy
29	Dead+Wind 60 deg - Service+Guy
30	Dead+Wind 90 deg - Service+Guy
31	Dead+Wind 120 deg - Service+Guy
32	Dead+Wind 150 deg - Service+Guy
33	Dead+Wind 180 deg - Service+Guy
34	Dead+Wind 210 deg - Service+Guy
35	Dead+Wind 240 deg - Service+Guy
36	Dead+Wind 270 deg - Service+Guy
37	Dead+Wind 300 deg - Service+Guy
38	Dead+Wind 330 deg - Service+Guy

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T1	255 - 235	Leg	Max Tension	9	9.328	-0.012	0.023
			Max. Compression	3	-21.937	0.103	-0.249
			Max. Mx	5	-8.625	-0.472	-0.027
			Max. My	13	-11.123	0.202	0.405
			Max. Vy	11	-2.157	0.162	-0.015
			Max. Vx	3	-2.113	-0.070	0.147
		Diagonal	Max Tension	5	7.246	0.000	0.000
			Max. Compression	11	-7.253	0.000	0.000
			Max. Mx	20	-0.389	0.014	0.000
			Max. My	11	-0.060	0.000	0.000
			Max. Vy	20	-0.014	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Horizontal	Max Tension	7	2.492	0.000	0.000
			Max. Compression	9	-2.534	0.000	0.000
			Max. Mx	21	0.067	0.009	0.000
			Max. My	11	2.480	0.000	0.000
			Max. Vy	21	0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Top Girt	Max Tension	9	0.077	0.000	0.000
			Max. Compression	3	-0.080	0.000	0.000
			Max. Mx	21	-0.004	0.009	0.000

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	21 of 47
	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	11	0.042	0.000	0.000
			Max. Vy	21	0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Bottom Girt	Max Tension	5	1.697	0.000	0.000
			Max. Compression	11	-1.636	0.000	0.000
			Max. Mx	21	-0.072	0.009	0.000
			Max. My	11	0.675	0.000	0.000
			Max. Vy	21	0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Guy A	Bottom Tension	9	23.308		
			Top Tension	9	23.503		
			Top Cable Vert	9	19.238		
			Top Cable Norm	9	13.502		
			Top Cable Tan	9	0.067		
			Bot Cable Vert	9	-18.822		
			Bot Cable Norm	9	13.745		
			Bot Cable Tan	9	0.278		
		Guy B	Bottom Tension	13	23.040		
			Top Tension	13	23.235		
			Top Cable Vert	13	19.021		
			Top Cable Norm	13	13.344		
			Top Cable Tan	13	0.063		
			Bot Cable Vert	13	-18.605		
			Bot Cable Norm	13	13.587		
			Bot Cable Tan	13	0.273		
		Guy C	Bottom Tension	3	23.266		
			Top Tension	3	23.461		
			Top Cable Vert	3	19.204		
			Top Cable Norm	3	13.477		
			Top Cable Tan	3	0.067		
			Bot Cable Vert	3	-18.788		
			Bot Cable Norm	3	13.720		
			Bot Cable Tan	3	0.277		
		Top Guy Pull-Off	Max Tension	9	6.679	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	21	1.711	0.026	0.000
			Max. My	11	0.475	0.000	0.000
			Max. Vy	21	-0.035	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
T2	235 - 215	Leg	Max Tension	1	0.000	0.000	0.000
			Max. Compression	6	-23.966	0.024	-0.044
			Max. Mx	5	-21.221	1.315	-0.477
			Max. My	9	-21.062	-0.299	1.362
			Max. Vy	11	-3.382	0.023	-0.028
			Max. Vx	9	3.426	-0.299	1.362
		Diagonal	Max Tension	11	10.541	0.000	0.000
			Max. Compression	5	-10.716	0.000	0.000
			Max. Mx	20	1.563	0.014	0.000
			Max. My	11	1.623	0.000	0.000
			Max. Vy	20	-0.014	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Horizontal	Max Tension	3	1.677	0.000	0.000
			Max. Compression	9	-1.533	0.000	0.000
			Max. Mx	21	0.006	0.008	0.000
			Max. My	11	0.101	0.000	0.000
			Max. Vy	21	-0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Top Girt	Max Tension	11	1.268	0.000	0.000
			Max. Compression	5	-1.251	0.000	0.000
			Max. Mx	21	0.009	0.008	0.000
			Max. My	11	1.268	0.000	0.000

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	22 of 47
	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft	
T3	215 - 195	Bottom Girt	Max. Vy	21	-0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Max Tension	5	3.849	0.000	0.000	
			Max. Compression	11	-3.545	0.000	0.000	
			Max. Mx	21	0.262	0.008	0.000	
		Leg	Max. My	11	-3.545	0.000	0.000	
			Max. Vy	21	-0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Max Tension	8	19.467	0.025	0.006	
			Max. Compression	2	-50.732	0.149	-0.006	
			Max. Mx	11	0.038	1.327	-0.422	
			Max. My	3	-0.476	-0.342	1.346	
			Max. Vy	11	-3.383	1.327	-0.422	
			Max. Vx	9	3.430	0.361	-1.280	
			Diagonal	Max Tension	5	10.609	0.000	0.000
		Max. Compression		11	-10.757	0.000	0.000	
		Max. Mx		22	1.592	0.014	0.000	
		Max. My		5	0.849	0.000	-0.000	
		Max. Vy		22	-0.014	0.000	0.000	
		Horizontal	Max. Vx	5	0.000	0.000	0.000	
			Max Tension	3	1.072	0.000	0.000	
			Max. Compression	9	-1.043	0.000	0.000	
			Max. Mx	21	0.193	0.008	0.000	
			Max. My	11	0.998	0.000	0.000	
		Top Girt	Max. Vy	21	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Max Tension	11	3.633	0.000	0.000	
			Max. Compression	5	-3.793	0.000	0.000	
			Max. Mx	21	-0.157	0.008	0.000	
		Bottom Girt	Max. My	11	3.633	0.000	0.000	
			Max. Vy	21	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Max Tension	13	1.755	0.000	0.000	
			Max. Compression	7	-1.684	0.000	0.000	
		Guy A	Max. Mx	21	-0.003	0.008	0.000	
			Max. My	11	0.363	0.000	0.000	
			Max. Vy	21	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Bottom Tension	9	11.771			
			Top Tension	9	11.851			
			Top Cable Vert	9	9.085			
			Top Cable Norm	9	7.609			
			Top Cable Tan	9	0.018			
			Bot Cable Vert	9	-8.874			
			Bot Cable Norm	9	7.733			
			Bot Cable Tan	9	0.135			
			Guy B	Bottom Tension	13	11.645		
				Top Tension	13	11.725		
				Top Cable Vert	13	8.990		
		Top Cable Norm		13	7.527			
Top Cable Tan	13	0.016						
Bot Cable Vert	13	-8.778						
Bot Cable Norm	13	7.650						
Bot Cable Tan	13	0.134						
Guy C	Bottom Tension	3		11.781				
	Top Tension	3		11.861				
	Top Cable Vert	3	9.093					
	Top Cable Norm	3	7.616					
	Top Cable Tan	3	0.018					
	Bot Cable Vert	3	-8.881					
Bot Cable Norm	3	7.739						

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	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft	
T4	195 - 175	Top Guy Pull-Off	Bot Cable Tan	3	0.135			
			Max Tension	3	6.069	0.000	0.000	
			Max. Compression	9	-5.905	0.000	0.000	
			Max. Mx	21	0.986	0.026	0.000	
			Max. My	11	-3.277	0.000	0.000	
			Max. Vy	21	-0.035	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Torque Arm Top	Max Tension	3	8.538	0.000	0.000
				Max. Compression	3	-4.206	0.000	0.000
				Max. Mx	9	0.482	-27.436	-0.000
		Max. My		11	-1.340	-12.322	-0.000	
		Max. Vy		9	9.183	-27.436	-0.000	
		Max. Vx		11	-0.000	-12.322	-0.000	
		Leg		Max Tension	1	0.000	0.000	0.000
				Max. Compression	10	-40.295	-0.258	0.288
				Max. Mx	11	-18.602	-0.547	-0.045
				Max. My	7	-19.993	0.281	0.592
			Max. Vy	5	-1.359	-0.098	-0.013	
			Max. Vx	13	1.520	0.042	0.096	
			Diagonal	Max Tension	13	3.206	0.000	0.000
				Max. Compression	7	-3.465	0.000	0.000
				Max. Mx	18	-0.266	0.011	0.000
				Max. My	11	1.797	0.000	0.000
		Max. Vy		18	-0.011	0.000	0.000	
		Max. Vx		11	-0.000	0.000	0.000	
		Horizontal	Max Tension	7	0.599	0.000	0.000	
			Max. Compression	13	-0.365	0.000	0.000	
			Max. Mx	23	0.176	0.008	0.000	
			Max. My	11	-0.047	0.000	0.000	
			Max. Vy	21	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
		Top Girt	Max Tension	7	1.704	0.000	0.000	
			Max. Compression	13	-1.552	0.000	0.000	
			Max. Mx	21	0.148	0.008	0.000	
			Max. My	11	-0.202	0.000	0.000	
			Max. Vy	21	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
		Bottom Girt	Max Tension	13	1.046	0.000	0.000	
			Max. Compression	7	-0.929	0.000	0.000	
			Max. Mx	23	0.139	0.008	0.000	
Max. My	11		-0.082	0.000	0.000			
Max. Vy	21		0.011	0.000	0.000			
Max. Vx	11		-0.000	0.000	0.000			
T5	175 - 155	Leg	Max Tension	1	0.000	0.000	0.000	
			Max. Compression	19	-36.275	0.055	-0.097	
			Max. Mx	11	-20.212	-0.354	-0.032	
			Max. My	7	-21.879	0.174	0.380	
			Max. Vy	5	-0.783	-0.071	-0.002	
			Max. Vx	13	0.858	0.037	0.062	
		Diagonal	Max Tension	13	1.961	0.000	0.000	
			Max. Compression	7	-2.199	0.000	0.000	
			Max. Mx	24	0.018	0.010	0.000	
			Max. My	11	1.013	0.000	0.000	
			Max. Vy	24	-0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
		Horizontal	Max Tension	7	0.453	0.000	0.000	
			Max. Compression	13	-0.201	0.000	0.000	
			Max. Mx	23	0.197	0.008	0.000	
			Max. My	11	0.100	0.000	0.000	
			Max. Vy	23	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	24 of 47
	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft	
T6	155 - 135	Top Girt	Max Tension	7	0.948	0.000	0.000	
			Max. Compression	13	-0.836	0.000	0.000	
			Max. Mx	23	0.020	0.008	0.000	
			Max. My	11	0.256	0.000	0.000	
			Max. Vy	23	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
		Bottom Girt	Max Tension	13	0.766	0.000	0.000	
			Max. Compression	7	-0.638	0.000	0.000	
			Max. Mx	23	0.099	0.008	0.000	
			Max. My	11	-0.570	0.000	0.000	
			Max. Vy	23	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
		Leg	Max Tension	1	0.000	0.000	0.000	
			Max. Compression	23	-39.645	0.062	0.104	
			Max. Mx	5	-33.485	0.469	-0.196	
			Max. My	9	-34.420	-0.103	0.544	
			Max. Vy	5	1.129	0.034	-0.078	
			Max. Vx	9	1.228	0.049	0.071	
			Diagonal	Max Tension	7	3.342	0.000	0.000
				Max. Compression	13	-3.760	0.000	0.000
				Max. Mx	24	-0.054	0.012	0.000
				Max. My	11	0.224	0.000	0.000
		Max. Vy		24	-0.012	0.000	0.000	
		Horizontal	Max. Vx	11	-0.000	0.000	0.000	
			Max Tension	13	0.567	0.000	0.000	
			Max. Compression	7	-0.260	0.000	0.000	
			Max. Mx	14	0.193	0.008	0.000	
			Max. My	11	0.261	0.000	0.000	
		Top Girt	Max. Vy	14	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Max Tension	7	0.829	0.000	0.000	
			Max. Compression	13	-0.711	0.000	0.000	
Max. Mx	23		0.069	0.008	0.000			
Bottom Girt	Max. My	11	0.752	0.000	0.000			
	Max. Vy	23	0.011	0.000	0.000			
	Max. Vx	11	-0.000	0.000	0.000			
	Max Tension	13	1.323	0.000	0.000			
	Max. Compression	7	-1.129	0.000	0.000			
T7	135 - 115	Leg	Max. Mx	19	0.038	0.008	0.000	
			Max. My	11	-1.012	0.000	0.000	
			Max. Vy	19	0.011	0.000	0.000	
			Max. Vx	11	-0.000	0.000	0.000	
			Max Tension	1	0.000	0.000	0.000	
			Max. Compression	16	-43.440	0.068	0.117	
		Diagonal	Max. Mx	11	-15.497	0.469	-0.146	
			Max. My	3	-15.184	-0.135	0.523	
			Max. Vy	5	1.135	-0.403	0.044	
			Max. Vx	9	1.239	0.199	-0.407	
			Max Tension	13	3.530	0.000	0.000	
			Max. Compression	7	-3.768	0.000	0.000	
		Horizontal	Max. Mx	26	0.389	0.011	0.000	
			Max. My	16	-0.150	0.000	0.000	
			Max. Vy	26	-0.012	0.000	0.000	
			Max. Vx	16	-0.000	0.000	0.000	
Max Tension	3		0.618	0.000	0.000			
Max. Compression	13		-0.001	0.000	0.000			
Max. Mx	25		0.230	0.008	0.000			
Max. My	11		0.551	0.000	0.000			
Top Girt	Max. Vy	25	0.010	0.000	0.000			
	Max. Vx	11	-0.000	0.000	0.000			
		Max Tension	7	1.292	0.000	0.000		

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	25 of 47
	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Compression	13	-1.230	0.000	0.000
			Max. Mx	19	0.140	0.008	0.000
			Max. My	11	1.168	0.000	0.000
			Max. Vy	19	0.010	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Bottom Girt	Max Tension	13	0.771	0.000	0.000
			Max. Compression	7	-0.610	0.000	0.000
			Max. Mx	25	0.068	0.008	0.000
			Max. My	11	0.198	0.000	0.000
			Max. Vy	25	0.010	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Guy A	Bottom Tension	9	8.149		
			Top Tension	9	8.184		
			Top Cable Vert	9	4.990		
			Top Cable Norm	9	6.487		
			Top Cable Tan	9	0.009		
			Bot Cable Vert	9	-4.875		
			Bot Cable Norm	9	6.530		
			Bot Cable Tan	9	0.076		
		Guy B	Bottom Tension	13	8.141		
			Top Tension	13	8.176		
			Top Cable Vert	13	4.985		
			Top Cable Norm	13	6.480		
			Top Cable Tan	13	0.008		
			Bot Cable Vert	13	-4.870		
			Bot Cable Norm	13	6.523		
			Bot Cable Tan	13	0.076		
		Guy C	Bottom Tension	3	8.157		
			Top Tension	3	8.193		
			Top Cable Vert	3	4.995		
			Top Cable Norm	3	6.494		
			Top Cable Tan	3	0.009		
			Bot Cable Vert	3	-4.880		
			Bot Cable Norm	3	6.537		
			Bot Cable Tan	3	0.077		
		Top Guy Pull-Off	Max Tension	3	3.496	0.000	0.000
			Max. Compression	13	-0.007	0.000	0.000
			Max. Mx	25	1.540	0.025	0.000
			Max. My	11	3.116	0.000	0.000
			Max. Vy	25	-0.033	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
T8	115 - 95	Leg	Max Tension	1	0.000	0.000	0.000
			Max. Compression	21	-45.946	-0.141	0.001
			Max. Mx	11	-26.371	-0.299	-0.020
			Max. My	7	-27.931	0.138	0.289
			Max. Vy	5	-0.623	-0.090	-0.002
			Max. Vx	13	0.607	0.047	0.080
		Diagonal	Max Tension	5	1.111	0.000	0.000
			Max. Compression	7	-1.363	0.000	0.000
			Max. Mx	16	-0.115	0.010	0.000
			Max. My	16	-0.321	0.000	0.000
			Max. Vy	16	0.010	0.000	0.000
			Max. Vx	16	0.000	0.000	0.000
		Horizontal	Max Tension	7	0.395	0.000	0.000
			Max. Compression	13	-0.096	0.000	0.000
			Max. Mx	25	0.191	0.008	0.000
			Max. My	13	0.327	0.000	-0.000
			Max. Vy	25	-0.010	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
		Top Girt	Max Tension	7	0.655	0.000	0.000
			Max. Compression	13	-0.541	0.000	0.000

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	26 of 47
	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft	
T9	95 - 75	Bottom Girt	Max. Mx	25	0.109	0.008	0.000	
			Max. My	13	0.152	0.000	-0.000	
			Max. Vy	25	-0.010	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Max Tension	13	0.431	0.000	0.000	
			Max. Compression	3	-0.272	0.000	0.000	
			Max. Mx	14	0.111	0.008	0.000	
			Max. My	13	0.431	0.000	-0.000	
			Max. Vy	14	-0.010	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Max Tension	1	0.000	0.000	0.000	
			Max. Compression	18	-47.027	-0.146	0.001	
		Leg	Max. Mx	5	-34.142	0.375	-0.137	
			Max. My	9	-34.161	-0.115	0.429	
			Max. Vy	5	0.858	0.045	-0.083	
			Max. Vx	2	-0.944	-0.105	-0.004	
			Max Tension	3	2.263	0.000	0.000	
			Max. Compression	9	-2.702	0.000	0.000	
			Max. Mx	26	0.023	0.010	0.000	
			Max. My	13	0.732	0.000	0.000	
			Max. Vy	26	0.010	0.000	0.000	
			Max. Vx	13	-0.000	0.000	0.000	
			Max Tension	8	0.481	0.000	0.000	
			Max. Compression	2	-0.176	0.000	0.000	
		Horizontal	Max. Mx	14	0.223	0.007	0.000	
			Max. My	13	0.472	0.000	-0.000	
			Max. Vy	14	0.010	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Max Tension	3	0.474	0.000	0.000	
			Max. Compression	13	-0.353	0.000	0.000	
Max. Mx	14		0.074	0.007	0.000			
Max. My	13		-0.353	0.000	-0.000			
Max. Vy	14		0.010	0.000	0.000			
Max. Vx	13		0.000	0.000	0.000			
Max Tension	2		1.014	0.000	0.000			
Max. Compression	8		-0.819	0.000	0.000			
T10	75 - 55	Bottom Girt	Max. Mx	19	0.066	0.007	0.000	
			Max. My	13	0.931	0.000	-0.000	
			Max. Vy	19	0.010	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Max Tension	1	0.000	0.000	0.000	
			Max. Compression	21	-52.541	-0.161	0.002	
			Max. Mx	11	-23.035	0.363	-0.099	
			Max. My	2	-30.791	0.008	0.439	
			Max. Vy	5	0.865	-0.289	-0.024	
			Max. Vx	2	-0.946	-0.064	0.360	
			Max Tension	9	2.409	0.000	0.000	
			Max. Compression	3	-2.694	0.000	0.000	
		Max. Mx	16	-0.549	0.009	0.000		
		Max. My	13	-1.209	0.000	0.000		
		Max. Vy	16	-0.010	0.000	0.000		
		Max. Vx	13	-0.000	0.000	0.000		
		Leg	Max Tension	3	0.597	0.000	0.000	
			Max. Compression	1	0.000	0.000	0.000	
			Max. Mx	14	0.240	0.007	0.000	
			Max. My	13	0.055	0.000	-0.000	
			Max. Vy	14	0.010	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Max Tension	8	0.979	0.000	0.000	
			Max. Compression	2	-0.901	0.000	0.000	
			Max. Mx	19	0.130	0.007	0.000	
			Diagonal	Max. Mx	16	-0.549	0.009	0.000
				Max. My	13	-1.209	0.000	0.000
				Max. Vy	16	-0.010	0.000	0.000
		Max. Vx		13	-0.000	0.000	0.000	
		Max Tension		3	0.597	0.000	0.000	
Max. Compression	1	0.000		0.000	0.000			
Max. Mx	14	0.240		0.007	0.000			
Max. My	13	0.055		0.000	-0.000			
Max. Vy	14	0.010		0.000	0.000			
Max. Vx	13	0.000		0.000	0.000			
Max Tension	8	0.979		0.000	0.000			
Max. Compression	2	-0.901		0.000	0.000			
Horizontal	Max. Mx	19	0.130	0.007	0.000			
	Max. My	13	-1.209	0.000	0.000			
	Max. Vy	16	-0.010	0.000	0.000			
	Max. Vx	13	-0.000	0.000	0.000			
	Max Tension	3	0.597	0.000	0.000			
	Max. Compression	1	0.000	0.000	0.000			
	Max. Mx	14	0.240	0.007	0.000			
	Max. My	13	0.055	0.000	-0.000			
	Max. Vy	14	0.010	0.000	0.000			
	Max. Vx	13	0.000	0.000	0.000			
	Max Tension	8	0.979	0.000	0.000			
	Max. Compression	2	-0.901	0.000	0.000			
Top Girt	Max. Mx	19	0.130	0.007	0.000			
	Max. My	13	-1.209	0.000	0.000			
	Max. Vy	16	-0.010	0.000	0.000			
	Max. Vx	13	-0.000	0.000	0.000			
	Max Tension	3	0.597	0.000	0.000			
	Max. Compression	1	0.000	0.000	0.000			
	Max. Mx	14	0.240	0.007	0.000			
	Max. My	13	0.055	0.000	-0.000			
	Max. Vy	14	0.010	0.000	0.000			
	Max. Vx	13	0.000	0.000	0.000			
	Max Tension	8	0.979	0.000	0.000			
	Max. Compression	2	-0.901	0.000	0.000			

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	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov.	Axial	Major Axis	Minor Axis	
				Load Comb.	K	Moment kip-ft	Moment kip-ft	
T11	55 - 35	Bottom Girt	Max. My	13	-0.811	0.000	-0.000	
			Max. Vy	19	0.010	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Max Tension	8	0.841	0.000	0.000	
			Max. Compression	2	-0.646	0.000	0.000	
			Max. Mx	14	0.135	0.007	0.000	
			Max. My	13	-0.501	0.000	-0.000	
			Max. Vy	14	0.010	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Guy A	Bottom Tension	7	6.935		
				Top Tension	7	6.954		
				Top Cable Vert	7	2.700		
		Top Cable Norm		7	6.408			
		Top Cable Tan		7	0.003			
		Bot Cable Vert		7	-2.623			
		Bot Cable Norm		7	6.419			
		Bot Cable Tan		7	0.045			
		Guy B		Bottom Tension	13	6.944		
				Top Tension	13	6.963		
				Top Cable Vert	13	2.704		
				Top Cable Norm	13	6.417		
			Top Cable Tan	13	0.003			
			Bot Cable Vert	13	-2.627			
			Bot Cable Norm	13	6.427			
			Bot Cable Tan	13	0.045			
			Guy C	Bottom Tension	3	6.932		
				Top Tension	3	6.951		
				Top Cable Vert	3	2.699		
				Top Cable Norm	3	6.406		
		Top Cable Tan		3	0.003			
		Bot Cable Vert		3	-2.622			
		Bot Cable Norm		3	6.417			
		Bot Cable Tan		3	0.045			
		Top Guy Pull-Off		Max Tension	3	3.381	0.000	0.000
				Max. Compression	1	0.000	0.000	0.000
				Max. Mx	14	1.932	0.024	0.000
				Max. My	13	0.065	0.000	-0.000
			Max. Vy	14	-0.032	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Leg	Max Tension	1	0.000	0.000	0.000
				Max. Compression	21	-55.282	-0.168	0.003
				Max. Mx	11	-29.811	-0.314	-0.025
Max. My	2			-40.668	0.054	-0.315		
Max. Vy	5			-0.623	-0.090	0.004		
Max. Vx	2			0.713	0.063	0.088		
Diagonal	Max Tension	7		1.549	0.000	0.000		
	Max. Compression	13		-1.776	0.000	0.000		
	Max. Mx	16		-0.285	0.009	0.000		
	Max. My	13		-0.145	0.000	0.000		
	Max. Vy	16		-0.009	0.000	0.000		
	Max. Vx	13		-0.000	0.000	0.000		
Horizontal	Max Tension	3	0.402	0.000	0.000			
	Max. Compression	2	-0.112	0.000	0.000			
	Max. Mx	23	0.258	0.007	0.000			
	Max. My	13	0.205	0.000	-0.000			
	Max. Vy	23	-0.009	0.000	0.000			
	Max. Vx	13	0.000	0.000	0.000			
Top Girt	Max Tension	2	0.713	0.000	0.000			
	Max. Compression	8	-0.632	0.000	0.000			
	Max. Mx	23	0.005	0.007	0.000			
	Max. My	13	0.587	0.000	-0.000			

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	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft		
T12	35 - 15	Bottom Girt	Max. Vy	23	-0.009	0.000	0.000		
			Max. Vx	13	0.000	0.000	0.000		
			Max Tension	7	0.244	0.000	0.000		
			Max. Compression	12	-0.036	0.000	0.000		
			Max. Mx	23	0.152	0.007	0.000		
			Max. My	13	-0.032	0.000	-0.000		
		Leg	Max. Vy	23	-0.009	0.000	0.000		
			Max. Vx	13	0.000	0.000	0.000		
			Max Tension	1	0.000	0.000	0.000		
			Max. Compression	21	-55.974	-0.170	0.002		
			Max. Mx	11	-32.094	-0.265	-0.030		
			Max. My	7	-33.627	0.151	0.328		
			Diagonal	Max. Vy	6	0.535	0.051	-0.082	
				Max. Vx	2	-0.657	0.065	0.092	
				Max Tension	2	1.178	0.000	0.000	
				Max. Compression	6	-1.576	0.000	0.000	
				Max. Mx	16	-0.032	0.008	0.000	
				Max. My	13	0.833	0.000	0.000	
		Horizontal	Max. Vy	16	-0.009	0.000	0.000		
			Max. Vx	13	-0.000	0.000	0.000		
			Max Tension	7	0.422	0.000	0.000		
			Max. Compression	2	-0.085	0.000	0.000		
			Max. Mx	23	0.271	0.006	0.000		
			Max. My	13	0.333	0.000	-0.000		
		Top Girt	Max. Vy	23	-0.009	0.000	0.000		
			Max. Vx	13	0.000	0.000	0.000		
			Max Tension	13	0.155	0.000	0.000		
			Max. Compression	7	-0.055	0.000	0.000		
			Max. Mx	23	0.058	0.006	0.000		
			Max. My	13	0.113	0.000	-0.000		
		Bottom Girt	Max. Vy	23	-0.009	0.000	0.000		
			Max. Vx	13	0.000	0.000	0.000		
Max Tension	7		0.708	0.000	0.000				
Max. Compression	13		-0.512	0.000	0.000				
Max. Mx	23		0.102	0.006	0.000				
Max. My	13		0.403	0.000	-0.000				
T13	15 - 5	Leg	Max. Vy	23	-0.009	0.000	0.000		
			Max. Vx	13	0.000	0.000	0.000		
			Max Tension	1	0.000	0.000	0.000		
			Max. Compression	21	-55.978	-0.147	-0.035		
			Max. Mx	24	-55.423	2.674	1.490		
			Max. My	21	-55.445	-0.052	-3.063		
		Diagonal	Max. Vy	18	8.060	-2.629	1.572		
			Max. Vx	21	9.281	-0.052	-3.063		
			Max Tension	2	1.457	0.000	0.000		
			Max. Compression	2	-1.706	0.000	0.000		
			Max. Mx	16	0.117	0.007	0.000		
			Max. My	13	1.155	0.000	0.000		
		Horizontal	Max. Vy	16	-0.008	0.000	0.000		
			Max. Vx	13	-0.000	0.000	0.000		
			Max Tension	2	0.328	0.000	0.000		
			Max. Compression	13	-0.154	0.000	0.000		
			Max. Mx	23	0.213	0.006	0.000		
			Max. My	13	0.078	0.000	-0.000		
		Top Girt	Max. Vy	23	-0.008	0.000	0.000		
			Max. Vx	13	0.000	0.000	0.000		
			Max Tension	13	0.738	0.000	0.000		
			Max. Compression	7	-0.623	0.000	0.000		
			Max. Mx	23	0.116	0.006	0.000		
			Max. My	13	-0.301	0.000	-0.000		
					Max. Vy	23	-0.008	0.000	0.000

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	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft	
T14	5 - 0	Bottom Girt	Max. Vx	13	0.000	0.000	0.000	
			Max Tension	22	5.570	0.000	0.000	
			Max. Compression	1	0.000	0.000	0.000	
		Leg	Max. Mx	23	5.478	0.006	0.000	
			Max. My	13	3.712	0.000	-0.000	
			Max. Vy	23	-0.008	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
			Max Tension	1	0.000	0.000	0.000	
			Max. Compression	22	-58.681	0.156	0.342	
			Max. Mx	16	-55.443	3.067	-0.043	
			Max. My	13	-35.696	-0.051	-0.888	
			Max. Vy	19	9.695	-0.900	-0.005	
			Max. Vx	22	-2.087	-0.414	0.211	
			Diagonal	Max Tension	7	0.628	0.000	0.000
				Max. Compression	22	-7.551	0.000	0.000
		Max. Mx		15	-0.461	0.005	0.000	
		Max. My		13	-1.181	0.000	0.000	
		Max. Vy		15	-0.007	0.000	0.000	
		Max. Vx		2	-0.000	0.000	0.000	
		Horizontal	Max Tension	13	0.521	0.000	0.000	
			Max. Compression	7	-0.216	0.000	0.000	
			Max. Mx	23	0.218	0.001	0.000	
			Max. My	13	0.359	0.000	-0.000	
			Max. Vy	23	-0.003	0.000	0.000	
			Max. Vx	13	0.000	0.000	0.000	
		Top Girt	Max Tension	15	6.331	0.000	0.000	
			Max. Compression	1	0.000	0.000	0.000	
			Max. Mx	23	6.302	0.004	0.000	
			Max. My	13	4.032	0.000	-0.000	
			Max. Vy	23	-0.006	0.000	0.000	
		Bottom Girt	Max. Vx	13	0.000	0.000	0.000	
			Max Tension	22	1.922	0.000	0.000	
			Max. Compression	1	0.000	0.000	0.000	
Max. Mx	14		1.854	0.000	0.000			
Max. Vy	14		-0.001	0.000	0.000			

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K	
Mast	Max. Vert	15	165.611	-0.009	-0.045	
	Max. H _x	12	82.041	0.650	0.380	
	Max. H _z	27	55.466	-0.001	0.389	
	Max. M _x	1	0.000	-0.001	0.005	
	Max. M _z	1	0.000	-0.001	0.005	
	Max. Torsion	13	0.648	0.406	0.080	
	Min. Vert	1	53.137	-0.001	0.005	
	Min. H _x	4	82.280	-0.650	0.376	
	Min. H _z	8	84.113	-0.000	-0.814	
	Min. M _x	1	0.000	-0.001	0.005	
	Min. M _z	1	0.000	-0.001	0.005	
	Min. Torsion	7	-0.873	0.139	-0.385	
	Guy C @ 175 ft Elev 0 ft Azimuth 240 deg	Max. Vert	10	-0.849	-0.419	0.242
		Max. H _x	10	-0.849	-0.419	0.242

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Guy B @ 175 ft Elev 0 ft Azimuth 120 deg	Max. H _z	3	-43.602	-35.821	21.466
	Min. Vert	3	-43.602	-35.821	21.466
	Min. H _x	3	-43.602	-35.821	21.466
	Min. H _z	10	-0.849	-0.419	0.242
	Max. Vert	6	-0.855	0.423	0.244
	Max. H _x	13	-43.258	35.591	21.323
	Max. H _z	13	-43.258	35.591	21.323
	Min. Vert	13	-43.258	35.591	21.323
	Min. H _x	6	-0.855	0.423	0.244
	Min. H _z	6	-0.855	0.423	0.244
Guy A @ 175 ft Elev 0 ft Azimuth 0 deg	Max. Vert	27	-0.737	-0.000	-0.969
	Max. H _x	10	-35.880	0.978	-33.934
	Max. H _z	2	-0.815	-0.000	-0.449
	Min. Vert	9	-43.629	0.680	-41.767
	Min. H _x	6	-35.578	-0.970	-33.697
	Min. H _z	9	-43.629	0.680	-41.767

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead Only	53.137	0.001	-0.005	0.000	0.000	0.051
1.2 Dead+1.0 Wind 0 deg - No Ice+1.0 Guy	111.730	0.002	0.118	0.000	0.000	-0.041
1.2 Dead+1.0 Wind 30 deg - No Ice+1.0 Guy	102.090	0.408	-0.066	0.000	0.000	0.573
1.2 Dead+1.0 Wind 60 deg - No Ice+1.0 Guy	82.280	0.650	-0.376	0.000	0.000	0.317
1.2 Dead+1.0 Wind 90 deg - No Ice+1.0 Guy	97.806	0.308	-0.259	0.000	0.000	-0.012
1.2 Dead+1.0 Wind 120 deg - No Ice+1.0 Guy	106.623	0.015	0.004	0.000	0.000	0.474
1.2 Dead+1.0 Wind 150 deg - No Ice+1.0 Guy	101.622	-0.139	0.385	0.000	0.000	0.873
1.2 Dead+1.0 Wind 180 deg - No Ice+1.0 Guy	84.113	0.000	0.814	0.000	0.000	0.273
1.2 Dead+1.0 Wind 210 deg - No Ice+1.0 Guy	102.129	0.151	0.375	0.000	0.000	-0.355
1.2 Dead+1.0 Wind 240 deg - No Ice+1.0 Guy	107.222	-0.000	-0.005	0.000	0.000	-0.069
1.2 Dead+1.0 Wind 270 deg - No Ice+1.0 Guy	97.808	-0.305	-0.261	0.000	0.000	0.219
1.2 Dead+1.0 Wind 300 deg - No Ice+1.0 Guy	82.041	-0.650	-0.380	0.000	0.000	-0.344
1.2 Dead+1.0 Wind 330 deg - No Ice+1.0 Guy	101.584	-0.406	-0.080	0.000	0.000	-0.648
1.2 Dead+1.0 Ice+1.0 Temp+Guy	164.524	0.008	-0.011	0.000	0.000	0.177
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.611	0.009	0.045	0.000	0.000	0.130
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.280	-0.018	0.028	0.000	0.000	0.100

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Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp+1.0 Guy	164.957	-0.029	0.012	0.000	0.000	0.159
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.256	-0.029	-0.004	0.000	0.000	0.224
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.591	-0.030	-0.033	0.000	0.000	0.209
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.296	-0.011	-0.053	0.000	0.000	0.185
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.003	0.008	-0.061	0.000	0.000	0.227
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.304	0.027	-0.053	0.000	0.000	0.257
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.601	0.047	-0.034	0.000	0.000	0.198
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.262	0.046	-0.005	0.000	0.000	0.133
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp+1.0 Guy	164.957	0.045	0.011	0.000	0.000	0.148
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp+1.0 Guy	165.275	0.035	0.028	0.000	0.000	0.172
Dead+Wind 0 deg - Service+Guy	55.466	0.001	-0.389	0.000	0.000	-0.011
Dead+Wind 30 deg - Service+Guy	55.385	0.185	-0.320	0.000	0.000	0.172
Dead+Wind 60 deg - Service+Guy	54.970	0.295	-0.174	0.000	0.000	0.126
Dead+Wind 90 deg - Service+Guy	54.915	0.330	-0.003	0.000	0.000	0.056
Dead+Wind 120 deg - Service+Guy	54.566	0.309	0.173	0.000	0.000	0.191
Dead+Wind 150 deg - Service+Guy	55.329	0.183	0.313	0.000	0.000	0.283
Dead+Wind 180 deg - Service+Guy	55.162	0.001	0.376	0.000	0.000	0.116
Dead+Wind 210 deg - Service+Guy	55.398	-0.180	0.311	0.000	0.000	-0.067
Dead+Wind 240 deg - Service+Guy	54.662	-0.305	0.171	0.000	0.000	-0.023
Dead+Wind 270 deg - Service+Guy	54.917	-0.328	-0.003	0.000	0.000	0.049
Dead+Wind 300 deg - Service+Guy	54.946	-0.293	-0.175	0.000	0.000	-0.084
Dead+Wind 330 deg - Service+Guy	55.313	-0.183	-0.322	0.000	0.000	-0.177

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.000	-29.023	0.000	0.000	29.023	0.000	0.001%
2	-0.000	-34.625	-37.836	0.000	34.624	37.830	0.011%
3	18.486	-34.487	-32.019	-18.486	34.486	32.014	0.010%
4	30.391	-34.348	-17.546	-30.391	34.348	17.543	0.006%
5	34.048	-34.487	0.000	-34.045	34.486	0.002	0.008%
6	30.234	-34.625	17.456	-30.231	34.624	-17.454	0.009%
7	18.368	-34.487	31.815	-18.364	34.486	-31.812	0.010%
8	0.000	-34.348	37.781	0.000	34.348	-37.776	0.009%

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Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
9	-18.486	-34.487	32.019	18.482	34.486	-32.017	0.010%
10	-30.439	-34.625	17.574	30.435	34.624	-17.572	0.009%
11	-34.048	-34.487	0.000	34.045	34.486	0.002	0.008%
12	-30.186	-34.348	-17.428	30.187	34.348	17.425	0.006%
13	-18.368	-34.487	-31.815	18.368	34.486	31.810	0.010%
14	0.000	-122.049	0.000	-0.000	122.049	-0.003	0.002%
15	0.000	-122.144	-6.821	0.000	122.144	6.820	0.001%
16	3.382	-122.049	-5.858	-3.382	122.049	5.857	0.001%
17	5.760	-121.954	-3.326	-5.759	121.954	3.325	0.001%
18	6.584	-122.049	0.000	-6.583	122.049	0.000	0.001%
19	5.751	-122.144	3.320	-5.750	122.144	-3.320	0.001%
20	3.375	-122.049	5.846	-3.374	122.049	-5.845	0.001%
21	0.000	-121.954	6.818	-0.000	121.954	-6.817	0.001%
22	-3.382	-122.049	5.858	3.381	122.049	-5.857	0.001%
23	-5.763	-122.144	3.327	5.762	122.144	-3.327	0.001%
24	-6.584	-122.049	0.000	6.583	122.049	0.000	0.001%
25	-5.748	-121.954	-3.319	5.747	121.954	3.318	0.001%
26	-3.375	-122.049	-5.846	3.375	122.049	5.845	0.001%
27	0.000	-29.068	-12.355	0.000	29.068	12.353	0.004%
28	6.036	-29.023	-10.455	-6.036	29.023	10.454	0.005%
29	9.924	-28.978	-5.729	-9.922	28.978	5.729	0.005%
30	11.118	-29.023	0.000	-11.117	29.023	0.001	0.003%
31	9.872	-29.068	5.700	-9.871	29.068	-5.699	0.005%
32	5.998	-29.023	10.388	-5.996	29.023	-10.388	0.005%
33	0.000	-28.978	12.337	-0.000	28.978	-12.334	0.007%
34	-6.036	-29.023	10.455	6.035	29.023	-10.455	0.005%
35	-9.939	-29.068	5.738	9.938	29.068	-5.738	0.005%
36	-11.118	-29.023	0.000	11.117	29.023	0.001	0.003%
37	-9.857	-28.978	-5.691	9.856	28.978	5.690	0.005%
38	-5.998	-29.023	-10.388	5.998	29.023	10.387	0.005%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	7	0.00000001	0.00005661
2	Yes	31	0.00009031	0.00014026
3	Yes	30	0.00009472	0.00013541
4	Yes	17	0.00012409	0.00014377
5	Yes	30	0.00008118	0.00010871
6	Yes	31	0.00007447	0.00010968
7	Yes	30	0.00009424	0.00013406
8	Yes	16	0.00008783	0.00013401
9	Yes	30	0.00009463	0.00013522
10	Yes	31	0.00007487	0.00011080
11	Yes	30	0.00008124	0.00010884
12	Yes	17	0.00012401	0.00014237
13	Yes	30	0.00009430	0.00013409
14	Yes	12	0.00015000	0.00005328
15	Yes	25	0.00000001	0.00002141
16	Yes	24	0.00000001	0.00001959
17	Yes	21	0.00000001	0.00002172
18	Yes	23	0.00000001	0.00001969
19	Yes	24	0.00000001	0.00002246
20	Yes	23	0.00000001	0.00002427
21	Yes	21	0.00000001	0.00002125

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22	Yes	23	0.00000001	0.00002443
23	Yes	24	0.00000001	0.00002255
24	Yes	23	0.00000001	0.00001986
25	Yes	21	0.00000001	0.00002189
26	Yes	24	0.00000001	0.00001968
27	Yes	22	0.00000001	0.00006113
28	Yes	19	0.00000001	0.00008047
29	Yes	13	0.00000001	0.00006161
30	Yes	18	0.00000001	0.00005435
31	Yes	19	0.00000001	0.00007181
32	Yes	19	0.00000001	0.00007566
33	Yes	13	0.00000001	0.00009517
34	Yes	19	0.00000001	0.00007958
35	Yes	19	0.00014923	0.00007822
36	Yes	18	0.00000001	0.00005477
37	Yes	13	0.00000001	0.00006229
38	Yes	19	0.00000001	0.00007710

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	255 - 235	6.401	34	0.145	0.860
T2	235 - 215	5.914	27	0.147	0.795
T3	215 - 195	5.326	27	0.165	0.628
T4	195 - 175	4.857	27	0.108	0.484
T5	175 - 155	4.602	27	0.093	0.380
T6	155 - 135	4.277	27	0.105	0.289
T7	135 - 115	3.862	27	0.101	0.227
T8	115 - 95	3.500	27	0.092	0.176
T9	95 - 75	3.075	27	0.114	0.153
T10	75 - 55	2.546	27	0.121	0.178
T11	55 - 35	2.065	27	0.125	0.194
T12	35 - 15	1.477	27	0.165	0.195
T13	15 - 5	0.684	27	0.206	0.181
T14	5 - 0	0.228	27	0.216	0.174

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
255.000	5' Lightning Rod	34	6.401	0.145	0.860	91247
250.000	Sector1(CaAa=14000 Sq.in)No Ice	27	6.278	0.143	0.850	91247
245.000	Guy	27	6.164	0.142	0.838	45623
235.000	Sector1(CaAa=10000 Sq.in)No Ice	27	5.914	0.147	0.795	25575
220.000	Sector1(CaAa=10000 Sq.in)No Ice	27	5.473	0.166	0.673	63249
205.000	Guy	27	5.062	0.140	0.549	19372
132.211	Guy	27	3.808	0.099	0.219	35451
72.211	Guy	27	2.477	0.121	0.181	35338

<p align="center">inxTower</p> <p align="center">B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>		<p>Job</p> <p>ATS#: C254 - CK Jabez (Site# KY-4128)</p>	<p>Project</p> <p>255' 36G/36.98558056, -84.89153056</p>	<p>Client</p> <p>APC Towers</p>	<p>Designed by</p> <p>aashwood</p>
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Maximum Tower Deflections - Design Wind

Section No.	Elevation	Horz. Deflection	Gov. Load	Tilt	Twist
T1	255 - 235	43.455	2	0.969	2.299
T2	235 - 215	39.920	2	0.976	2.130
T3	215 - 195	36.041	2	1.026	1.677
T4	195 - 175	32.555	2	0.825	1.266
T5	175 - 155	29.774	2	0.757	0.948
T6	155 - 135	26.828	2	0.759	0.671
T7	135 - 115	23.678	2	0.720	0.484
T8	115 - 95	20.790	2	0.695	0.437
T9	95 - 75	17.772	2	0.757	0.465
T10	75 - 55	14.455	2	0.775	0.547
T11	55 - 35	11.292	2	0.791	0.583
T12	35 - 15	7.753	2	0.931	0.572
T13	15 - 5	3.501	2	1.072	0.512
T14	5 - 0	1.167	2	1.108	0.467

Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov. Load	Comb. Load	Deflection	Tilt	Twist	Radius of Curvature
255,000	5' Lighting Rod	43.455	2	in	0	0	ft
250,000	Sector1(CaA=14000 Sq.in)No Ice	42.596	2	in	0.963	2.275	30132
245,000	Guy	41.727	2	in	0.960	2.244	15066
235,000	Sector1(CaA=10000 Sq.in)No Ice	39.920	2	in	0.976	2.130	8462
220,000	Sector1(CaA=10000 Sq.in)No Ice	37.009	2	in	1.033	1.800	20542
205,000	Guy	34.202	2	in	0.937	1.456	6105
132,211	Guy	23.260	2	in	0.715	0.462	8955
72,211	Guy	14.007	2	in	0.771	0.553	11225

Bolt Design Data

Section No.	Elevation	Component	Bolt Type	Bolt Grade	Bolt Size	Number Of Bolts	Maximum Load per Bolt	Allowable Load per Bolt	Ratio	Allowable Ratio	Criteria
T2	235	Leg	A325N	0.750	3	2.529	30.101	0.084	✓	Bolt Tension	
T3	215	Leg	A325N	0.750	3	2.663	30.101	0.088	✓	Bolt Tension	
T4	195	Leg	A325N	0.750	3	4.477	30.101	0.149	✓	Bolt Tension	
T5	175	Leg	A325N	0.750	3	3.853	30.101	0.128	✓	Bolt Tension	
T6	155	Leg	A325N	0.750	3	4.031	30.101	0.134	✓	Bolt Tension	
T7	135	Leg	A325N	0.750	3	4.406	30.101	0.146	✓	Bolt Tension	
T8	115	Leg	A325N	0.750	3	4.828	30.101	0.160	✓	Bolt Tension	
T9	95	Leg	A325N	0.750	3	5.105	30.101	0.170	✓	Bolt Tension	
T10	75	Leg	A325N	0.750	3	5.226	30.101	0.174	✓	Bolt Tension	
T11	55	Leg	A325N	0.750	3	5.838	30.101	0.194	✓	Bolt Tension	

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Section No.	Elevation	Component	Grade	Bolt Size	Number Of Bolts	Maximum Load	Allowable Load	Ratio	Allowable Ratio	Criteria
T12	35	Leg	A325N	0.750	3	6.143	30.101	0.204	1	Bolt Tension
T13	15	Leg	A325N	0.750	3	6.220	30.101	0.207	1	Bolt Tension
T14	5	Leg	A325N	0.750	3	6.161	30.101	0.205	1	Bolt Tension

Guy Design Data

Section No.	Elevation	Size	Initial Tension	Breaking Load	Actual T_n	Allowable ϕT_n	Required S.F.	Actual S.F.
T1	245,000 (A)	5/8	42,400	42,400	23,503	25,440	1.000	1.082
	245,000 (B)	5/8	42,400	42,400	23,235	25,440	1.000	1.095
	245,000 (C)	5/8	42,400	42,400	23,461	25,440	1.000	1.084
T3	205,000 (A)	7/16	20,800	20,800	11,732	12,480	1.000	1.064
	205,000 (B)	7/16	20,800	20,800	11,192	12,480	1.000	1.115
	205,000 (B)	7/16	20,800	20,800	11,725	12,480	1.000	1.064
	205,000 (C)	7/16	20,800	20,800	11,861	12,480	1.000	1.052
	205,000 (C)	7/16	20,800	20,800	11,262	12,480	1.000	1.108
T7	132,211 (A)	3/8	15,400	15,400	8,184	9,240	1.000	1.129
	132,211 (B)	3/8	15,400	15,400	8,176	9,240	1.000	1.130
	132,211 (C)	3/8	15,400	15,400	8,193	9,240	1.000	1.128
T10	72,211 (A)	3/8	15,400	15,400	6,954	9,240	1.000	1.329
	72,211 (B)	3/8	15,400	15,400	6,963	9,240	1.000	1.327
	72,211 (C)	3/8	15,400	15,400	6,951	9,240	1.000	1.329

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Section No.	Elevation ft	Size	Initial Tension K	Breaking Load K	Actual T_u K	Allowable ϕT_n K	Required S.F.	Actual S.F.
EHS								

Compression Checks

Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-20.540	78.769	0.261 ¹ ✓
T2	235 - 215	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-23.960	78.769	0.304 ¹ ✓
T3	215 - 195	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-50.732	78.769	0.644 ¹ ✓
T4	195 - 175	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-38.901	78.769	0.494 ¹ ✓
T5	175 - 155	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-36.043	78.769	0.458 ¹ ✓
T6	155 - 135	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-39.219	78.769	0.498 ¹ ✓
T7	135 - 115	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-43.079	78.769	0.547 ¹ ✓
T8	115 - 95	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-45.660	78.769	0.580 ¹ ✓
T9	95 - 75	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-46.851	78.769	0.595 ¹ ✓
T10	75 - 55	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-52.032	78.769	0.661 ¹ ✓
T11	55 - 35	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-54.919	78.769	0.697 ¹ ✓
T12	35 - 15	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-55.861	78.769	0.709 ¹ ✓
T13	15 - 5	1 3/4	10.000	2.307	63.3 K=1.00	2.405	-55.841	80.761	0.691 ¹ ✓
T14	5 - 0	2 1/4	5.292	2.238	47.7 K=1.00	3.976	-58.681	151.458	0.387 ¹ ✓

¹ $P_u / \phi P_n$ controls

Diagonal Design Data (Compression)

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	1	3.844	3.657	122.9 K=0.70	0.785	-7.253	11.750	0.617 ¹ ✓
T2	235 - 215	1	3.844	3.657	122.9 K=0.70	0.785	-10.716	11.750	0.912 ¹ ✓
T3	215 - 195	1	3.844	3.657	122.9 K=0.70	0.785	-10.757	11.750	0.915 ¹ ✓
T4	195 - 175	.75	3.844	3.657	163.8 K=0.70	0.442	-3.465	3.718	0.932 ¹ ✓
T5	175 - 155	.75	3.844	3.657	163.8 K=0.70	0.442	-2.199	3.718	0.591 ¹ ✓
T6	155 - 135	.875	3.844	3.657	140.4 K=0.70	0.601	-3.760	6.888	0.546 ¹ ✓
T7	135 - 115	.875	3.844	3.657	140.4 K=0.70	0.601	-3.768	6.888	0.547 ¹ ✓
T8	115 - 95	.75	3.844	3.657	163.8 K=0.70	0.442	-1.363	3.718	0.367 ¹ ✓
T9	95 - 75	.75	3.844	3.657	163.8 K=0.70	0.442	-2.702	3.718	0.727 ¹ ✓
T10	75 - 55	.75	3.844	3.657	163.8 K=0.70	0.442	-2.694	3.718	0.725 ¹ ✓
T11	55 - 35	.75	3.844	3.657	163.8 K=0.70	0.442	-1.776	3.718	0.478 ¹ ✓
T12	35 - 15	.75	3.844	3.657	163.8 K=0.70	0.442	-1.576	3.718	0.424 ¹ ✓
T13	15 - 5	.75	3.785	3.601	161.3 K=0.70	0.442	-1.706	3.836	0.445 ¹ ✓
T14	5 - 0	1	2.314	1.852	89.9 K=1.01	0.785	-7.551	19.578	0.386 ¹ ✓

¹ P_u / φP_n controls

Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	3/4	3.000	2.854	127.9 K=0.70	0.442	-2.534	6.104	0.415 ¹ ✓
T2	235 - 215	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.533	6.104	0.251 ¹ ✓
T3	215 - 195	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.043	6.104	0.171 ¹ ✓
T4	195 - 175	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.744	6.104	0.122 ¹ ✓
T5	175 - 155	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.670	6.104	0.110 ¹ ✓
T6	155 - 135	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.732	6.104	0.120 ¹ ✓
T7	135 - 115	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.802	6.104	0.131 ¹ ✓

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T8	115 - 95	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.848	6.104	0.139 ¹ ✓
T9	95 - 75	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.868	6.104	0.142 ¹ ✓
T10	75 - 55	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.970	6.104	0.159 ¹ ✓
T11	55 - 35	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.021	6.104	0.167 ¹ ✓
T12	35 - 15	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.033	6.104	0.169 ¹ ✓
T13	15 - 5	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.005	6.104	0.165 ¹ ✓
T14	5 - 0	3/4	1.500	1.313	89.0 K=1.06	0.442	-1.060	11.134	0.095 ¹ ✓

¹ P_u / φP_n controls

Top Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.405	6.104	0.066 ¹ ✓
T2	235 - 215	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.251	6.104	0.205 ¹ ✓
T3	215 - 195	3/4	3.000	2.854	127.9 K=0.70	0.442	-3.793	6.104	0.621 ¹ ✓
T4	195 - 175	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.552	6.104	0.254 ¹ ✓
T5	175 - 155	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.836	6.104	0.137 ¹ ✓
T6	155 - 135	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.732	6.104	0.120 ¹ ✓
T7	135 - 115	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.230	6.104	0.202 ¹ ✓
T8	115 - 95	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.848	6.104	0.139 ¹ ✓
T9	95 - 75	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.868	6.104	0.142 ¹ ✓
T10	75 - 55	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.970	6.104	0.159 ¹ ✓
T11	55 - 35	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.021	6.104	0.167 ¹ ✓
T12	35 - 15	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.033	6.104	0.169 ¹ ✓
T13	15 - 5	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.005	6.104	0.165 ¹ ✓

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T14	5 - 0	3/4	2.769	2.581	115.6 K=0.70	0.442	-1.060	7.463	0.142 ¹ ✓

¹ P_u / φP_n controls

Bottom Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.636	6.104	0.268 ¹ ✓
T2	235 - 215	3/4	3.000	2.854	127.9 K=0.70	0.442	-3.545	6.104	0.581 ¹ ✓
T3	215 - 195	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.684	6.104	0.276 ¹ ✓
T4	195 - 175	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.929	6.104	0.152 ¹ ✓
T5	175 - 155	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.670	6.104	0.110 ¹ ✓
T6	155 - 135	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.129	6.104	0.185 ¹ ✓
T7	135 - 115	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.802	6.104	0.131 ¹ ✓
T8	115 - 95	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.848	6.104	0.139 ¹ ✓
T9	95 - 75	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.868	6.104	0.142 ¹ ✓
T10	75 - 55	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.970	6.104	0.159 ¹ ✓
T11	55 - 35	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.021	6.104	0.167 ¹ ✓
T12	35 - 15	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.033	6.104	0.169 ¹ ✓
T13	15 - 5	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.005	6.104	0.165 ¹ ✓
T14	5 - 0	3/4	0.231	0.044	3.1 K=1.10	0.442	-1.060	19.867	0.053 ¹ ✓

¹ P_u / φP_n controls

Top Guy Pull-Off Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T3	215 - 195	4x5/8	3.000	2.854	151.9	2.500	-5.905	24.488	0.241 ¹

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T7	135 - 115	4x5/8	3.000	2.854	K=0.80 151.9 K=0.80	2.500	-0.007	24.488	0.000 ¹ ✓ ✓

¹ P_u / φP_n controls

Torque-Arm Top Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T3	215 - 195 (711)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.196	237.937	0.018
T3	215 - 195 (712)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.205	237.937	0.018
T3	215 - 195 (718)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-3.930	237.937	0.017
T3	215 - 195 (719)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-3.921	237.937	0.016
T3	215 - 195 (722)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.134	237.937	0.017
T3	215 - 195 (723)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.141	237.937	0.017

Torque-Arm Top Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
T3	215 - 195 (711)	C12x20.7	-27.146	94.709	0.287	0.000	9.731	0.000
T3	215 - 195 (712)	C12x20.7	-27.201	94.709	0.287	-0.000	9.731	0.000
T3	215 - 195 (718)	C12x20.7	-25.728	94.709	0.272	-0.000	9.731	0.000
T3	215 - 195 (719)	C12x20.7	-25.664	94.709	0.271	0.000	9.731	0.000
T3	215 - 195 (722)	C12x20.7	-26.834	94.709	0.283	0.000	9.731	0.000
T3	215 - 195 (723)	C12x20.7	-26.899	94.709	0.284	-0.000	9.731	0.000

Torque-Arm Top Interaction Design Data

Section No.	Elevation ft	Size	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	Ratio $\frac{M_{uy}}{\phi M_{uy}}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
T3	215 - 195 (711)	C12x20.7	0.018	0.287	0.000	0.295 ✓	1.000	✓
T3	215 - 195 (712)	C12x20.7	0.018	0.287	0.000	0.296 ✓	1.000	✓
T3	215 - 195 (718)	C12x20.7	0.017	0.272	0.000	0.280	1.000	✓

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Section No.	Elevation ft	Size	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
T3	215 - 195 (719)	C12x20.7	0.016	0.271	0.000	0.279 ✓	1.000	✓
T3	215 - 195 (722)	C12x20.7	0.017	0.283	0.000	0.292 ✓	1.000	✓
T3	215 - 195 (723)	C12x20.7	0.017	0.284	0.000	0.293 ✓	1.000	✓

Tension Checks

Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	1 3/4	20.000	2.404	65.9	2.405	9.328	108.238	0.086 ¹ ✓
T3	215 - 195	1 3/4	20.000	2.404	65.9	2.405	19.467	108.238	0.180 ¹ ✓

¹ P_u / ϕP_n controls

Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	1	3.844	3.657	175.6	0.785	7.246	35.343	0.205 ¹ ✓
T2	235 - 215	1	3.844	3.657	175.6	0.785	10.541	35.343	0.298 ¹ ✓
T3	215 - 195	1	3.844	3.657	175.6	0.785	10.609	35.343	0.300 ¹ ✓
T4	195 - 175	.75	3.844	3.657	234.1	0.442	3.206	19.880	0.161 ¹ ✓
T5	175 - 155	.75	3.844	3.657	234.1	0.442	1.961	19.880	0.099 ¹ ✓
T6	155 - 135	.875	3.844	3.657	200.6	0.601	3.342	27.059	0.124 ¹ ✓
T7	135 - 115	.875	3.844	3.657	200.6	0.601	3.530	27.059	0.130 ¹ ✓
T8	115 - 95	.75	3.844	3.657	234.1	0.442	1.111	19.880	0.056 ¹ ✓
T9	95 - 75	.75	3.844	3.657	234.1	0.442	2.263	19.880	0.114 ¹ ✓

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	75 - 55	.75	3.844	3.657	234.1	0.442	2.409	19.880	0.121 ¹
T11	55 - 35	.75	3.844	3.657	234.1	0.442	1.549	19.880	0.078 ¹
T12	35 - 15	.75	3.844	3.657	234.1	0.442	1.178	19.880	0.059 ¹
T13	15 - 5	.75	3.785	3.601	230.4	0.442	1.457	19.880	0.073 ¹
T14	5 - 0	1	3.027	2.565	123.1	0.785	0.628	35.343	0.018 ¹

¹ P_u / φP_n controls

Horizontal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	3/4	3.000	2.854	182.7	0.442	2.492	19.880	0.125 ¹
T2	235 - 215	3/4	3.000	2.854	182.7	0.442	1.677	19.880	0.084 ¹
T3	215 - 195	3/4	3.000	2.854	182.7	0.442	1.072	19.880	0.054 ¹
T4	195 - 175	3/4	3.000	2.854	182.7	0.442	0.744	19.880	0.037 ¹
T5	175 - 155	3/4	3.000	2.854	182.7	0.442	0.670	19.880	0.034 ¹
T6	155 - 135	3/4	3.000	2.854	182.7	0.442	0.732	19.880	0.037 ¹
T7	135 - 115	3/4	3.000	2.854	182.7	0.442	0.802	19.880	0.040 ¹
T8	115 - 95	3/4	3.000	2.854	182.7	0.442	0.848	19.880	0.043 ¹
T9	95 - 75	3/4	3.000	2.854	182.7	0.442	0.868	19.880	0.044 ¹
T10	75 - 55	3/4	3.000	2.854	182.7	0.442	0.970	19.880	0.049 ¹
T11	55 - 35	3/4	3.000	2.854	182.7	0.442	1.021	19.880	0.051 ¹
T12	35 - 15	3/4	3.000	2.854	182.7	0.442	1.033	19.880	0.052 ¹
T13	15 - 5	3/4	3.000	2.854	182.7	0.442	1.005	19.880	0.051 ¹
T14	5 - 0	3/4	1.500	1.313	84.0	0.442	1.060	19.880	0.053 ¹

¹ P_u / φP_n controls

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Top Girt Design Data (Tension)

Section No.	Elevation	Size	L	L _n	Kl/r	A	P _n	K	φ _{P_n}	Ratio P _n
T1	255 - 235	3/4	3.000	2.854	182.7	0.442	0.405	19.880	0.020	0.020
T2	235 - 215	3/4	3.000	2.854	182.7	0.442	1.268	19.880	0.064	0.064
T3	215 - 195	3/4	3.000	2.854	182.7	0.442	3.633	19.880	0.183	0.183
T4	195 - 175	3/4	3.000	2.854	182.7	0.442	1.704	19.880	0.086	0.086
T5	175 - 155	3/4	3.000	2.854	182.7	0.442	0.948	19.880	0.048	0.048
T6	155 - 135	3/4	3.000	2.854	182.7	0.442	0.829	19.880	0.042	0.042
T7	135 - 115	3/4	3.000	2.854	182.7	0.442	1.292	19.880	0.065	0.065
T8	115 - 95	3/4	3.000	2.854	182.7	0.442	0.848	19.880	0.043	0.043
T9	95 - 75	3/4	3.000	2.854	182.7	0.442	0.868	19.880	0.044	0.044
T10	75 - 55	3/4	3.000	2.854	182.7	0.442	0.979	19.880	0.049	0.049
T11	55 - 35	3/4	3.000	2.854	182.7	0.442	1.021	19.880	0.051	0.051
T12	35 - 15	3/4	3.000	2.854	182.7	0.442	1.033	19.880	0.052	0.052
T13	15 - 5	3/4	3.000	2.854	182.7	0.442	1.005	19.880	0.051	0.051
T14	5 - 0	3/4	2.769	2.581	165.2	0.442	6.331	19.880	0.318	0.318

1 P_n / φ_{P_n} controls

Bottom Girt Design Data (Tension)

Section No.	Elevation	Size	L	L _n	Kl/r	A	P _n	K	φ _{P_n}	Ratio P _n
T1	255 - 235	3/4	3.000	2.854	182.7	0.442	1.697	19.880	0.085	0.085
T2	235 - 215	3/4	3.000	2.854	182.7	0.442	3.849	19.880	0.194	0.194
T3	215 - 195	3/4	3.000	2.854	182.7	0.442	1.755	19.880	0.088	0.088
T4	195 - 175	3/4	3.000	2.854	182.7	0.442	1.046	19.880	0.053	0.053
T5	175 - 155	3/4	3.000	2.854	182.7	0.442	0.766	19.880	0.039	0.039

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T6	155 - 135	3/4	3.000	2.854	182.7	0.442	1.323	19.880	0.067 ¹ ✓
T7	135 - 115	3/4	3.000	2.854	182.7	0.442	0.802	19.880	0.040 ¹ ✓
T8	115 - 95	3/4	3.000	2.854	182.7	0.442	0.848	19.880	0.043 ¹ ✓
T9	95 - 75	3/4	3.000	2.854	182.7	0.442	1.014	19.880	0.051 ¹ ✓
T10	75 - 55	3/4	3.000	2.854	182.7	0.442	0.970	19.880	0.049 ¹ ✓
T11	55 - 35	3/4	3.000	2.854	182.7	0.442	1.021	19.880	0.051 ¹ ✓
T12	35 - 15	3/4	3.000	2.854	182.7	0.442	1.033	19.880	0.052 ¹ ✓
T13	15 - 5	3/4	3.000	2.854	182.7	0.442	5.570	19.880	0.280 ¹ ✓
T14	5 - 0	3/4	0.231	0.044	2.8	0.442	1.922	19.880	0.097 ¹ ✓

¹ P_u / φP_n controls

Top Guy Pull-Off Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	255 - 235	4x5/8	3.000	2.854	189.8	2.500	6.679	112.500	0.059 ¹ ✓
T3	215 - 195	4x5/8	3.000	2.854	189.8	2.500	6.069	112.500	0.054 ¹ ✓
T7	135 - 115	4x5/8	3.000	2.854	189.8	2.500	3.496	112.500	0.031 ¹ ✓
T10	75 - 55	4x5/8	3.000	2.854	189.8	2.500	3.381	112.500	0.030 ¹ ✓

¹ P_u / φP_n controls

Torque-Arm Top Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T3	215 - 195 (711)	C12x20.7	3.000	2.927	44.0	4.568	0.455	222.666	0.002
T3	215 - 195 (712)	C12x20.7	3.000	2.927	44.0	4.568	0.643	222.666	0.003
T3	215 - 195 (718)	C12x20.7	3.000	2.927	44.0	4.568	0.443	222.666	0.002
T3	215 - 195 (719)	C12x20.7	3.000	2.927	44.0	4.568	0.493	222.666	0.002

tnxTower B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS#: C254 - CK Jabez (Site# KY-4128)	Page	45 of 47
	Project	255' 36G/36.98558056, -84.89153056	Date	16:24:18 02/27/26
	Client	APC Towers	Designed by	aashwood

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T3	215 - 195 (722)	C12x20.7	3.000	2.927	44.0	4.568	0.654	222.666	0.003
T3	215 - 195 (723)	C12x20.7	3.000	2.927	44.0	4.568	0.482	222.666	0.002

Torque-Arm Top Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
T3	215 - 195 (711)	C12x20.7	-27.097	94.709	0.286	0.000	9.731	0.000
T3	215 - 195 (712)	C12x20.7	-25.950	94.709	0.274	-0.000	9.731	0.000
T3	215 - 195 (718)	C12x20.7	-27.131	94.709	0.286	-0.000	9.731	0.000
T3	215 - 195 (719)	C12x20.7	-27.392	94.709	0.289	0.000	9.731	0.000
T3	215 - 195 (722)	C12x20.7	-25.922	94.709	0.274	0.000	9.731	0.000
T3	215 - 195 (723)	C12x20.7	-27.436	94.709	0.290	-0.000	9.731	0.000

Torque-Arm Top Interaction Design Data

Section No.	Elevation ft	Size	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	Ratio $\frac{M_{uy}}{\phi M_{uy}}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
T3	215 - 195 (711)	C12x20.7	0.002	0.286	0.000	0.287	1.000	✓
T3	215 - 195 (712)	C12x20.7	0.003	0.274	0.000	0.275	1.000	✓
T3	215 - 195 (718)	C12x20.7	0.002	0.286	0.000	0.287	1.000	✓
T3	215 - 195 (719)	C12x20.7	0.002	0.289	0.000	0.290	1.000	✓
T3	215 - 195 (722)	C12x20.7	0.003	0.274	0.000	0.275	1.000	✓
T3	215 - 195 (723)	C12x20.7	0.002	0.290	0.000	0.291	1.000	✓

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	φP _{allow} K	% Capacity	Pass Fail
T1	255 - 235	Leg	1 3/4	1	-20.540	78.769	26.1	Pass
T2	235 - 215	Leg	1 3/4	57	-23.960	78.769	30.4	Pass
T3	215 - 195	Leg	1 3/4	111	-50.732	78.769	64.4	Pass
T4	195 - 175	Leg	1 3/4	163	-38.901	78.769	49.4	Pass
T5	175 - 155	Leg	1 3/4	217	-36.043	78.769	45.8	Pass
T6	155 - 135	Leg	1 3/4	271	-39.219	78.769	49.8	Pass
T7	135 - 115	Leg	1 3/4	325	-43.079	78.769	54.7	Pass
T8	115 - 95	Leg	1 3/4	379	-45.660	78.769	58.0	Pass
T9	95 - 75	Leg	1 3/4	433	-46.851	78.769	59.5	Pass

<p>tnxTower</p> <p>B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job</p> <p>ATS#: C254 - CK Jabez (Site# KY-4128)</p>	<p>Page</p> <p>46 of 47</p>
	<p>Project</p> <p>255' 36G/36.98558056, -84.89153056</p>	<p>Date</p> <p>16:24:18 02/27/26</p>
	<p>Client</p> <p>APC Towers</p>	<p>Designed by</p> <p>aashwood</p>

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
T10	75 - 55	Leg	1 3/4	489	-52.032	78.769	66.1	Pass
T11	55 - 35	Leg	1 3/4	543	-54.919	78.769	69.7	Pass
T12	35 - 15	Leg	1 3/4	597	-55.861	78.769	70.9	Pass
T13	15 - 5	Leg	1 3/4	651	-55.841	80.761	69.1	Pass
T14	5 - 0	Leg	2 1/4	681	-58.681	151.458	38.7	Pass
T1	255 - 235	Diagonal	1	40	-7.253	11.750	61.7	Pass
T2	235 - 215	Diagonal	1	64	-10.716	11.750	91.2	Pass
T3	215 - 195	Diagonal	1	160	-10.757	11.750	91.5	Pass
T4	195 - 175	Diagonal	.75	214	-3.465	3.718	93.2	Pass
T5	175 - 155	Diagonal	.75	268	-2.199	3.718	59.1	Pass
T6	155 - 135	Diagonal	.875	281	-3.760	6.888	54.6	Pass
T7	135 - 115	Diagonal	.875	377	-3.768	6.888	54.7	Pass
T8	115 - 95	Diagonal	.75	430	-1.363	3.718	36.7	Pass
T9	95 - 75	Diagonal	.75	444	-2.702	3.718	72.7	Pass
T10	75 - 55	Diagonal	.75	540	-2.694	3.718	72.5	Pass
T11	55 - 35	Diagonal	.75	593	-1.776	3.718	47.8	Pass
T12	35 - 15	Diagonal	.75	604	-1.576	3.718	42.4	Pass
T13	15 - 5	Diagonal	.75	678	-1.706	3.836	44.5	Pass
T14	5 - 0	Diagonal	1	690	-7.551	19.578	38.6	Pass
T1	255 - 235	Horizontal	3/4	45	-2.534	6.104	41.5	Pass
T2	235 - 215	Horizontal	3/4	75	-1.533	6.104	25.1	Pass
T3	215 - 195	Horizontal	3/4	140	-1.043	6.104	17.1	Pass
T4	195 - 175	Horizontal	3/4	177	-0.744	6.104	12.2	Pass
T5	175 - 155	Horizontal	3/4	229	-0.670	6.104	11.0	Pass
T6	155 - 135	Horizontal	3/4	289	-0.732	6.104	12.0	Pass
T7	135 - 115	Horizontal	3/4	337	-0.802	6.104	13.1	Pass
T8	115 - 95	Horizontal	3/4	398	-0.848	6.104	13.9	Pass
T9	95 - 75	Horizontal	3/4	446	-0.868	6.104	14.2	Pass
T10	75 - 55	Horizontal	3/4	501	-0.970	6.104	15.9	Pass
T11	55 - 35	Horizontal	3/4	560	-1.021	6.104	16.7	Pass
T12	35 - 15	Horizontal	3/4	608	-1.033	6.104	16.9	Pass
T13	15 - 5	Horizontal	3/4	663	-1.005	6.104	16.5	Pass
T14	5 - 0	Horizontal	3/4	692	-1.060	11.134	9.5	Pass
T1	255 - 235	Top Girt	3/4	6	-0.405	6.104	6.6	Pass
T2	235 - 215	Top Girt	3/4	58	-1.251	6.104	20.5	Pass
T3	215 - 195	Top Girt	3/4	112	-3.793	6.104	62.1	Pass
T4	195 - 175	Top Girt	3/4	166	-1.552	6.104	25.4	Pass
T5	175 - 155	Top Girt	3/4	220	-0.836	6.104	13.7	Pass
T6	155 - 135	Top Girt	3/4	276	-0.732	6.104	12.0	Pass
T7	135 - 115	Top Girt	3/4	329	-1.230	6.104	20.2	Pass
T8	115 - 95	Top Girt	3/4	383	-0.848	6.104	13.9	Pass
T9	95 - 75	Top Girt	3/4	437	-0.868	6.104	14.2	Pass
T10	75 - 55	Top Girt	3/4	492	-0.970	6.104	15.9	Pass
T11	55 - 35	Top Girt	3/4	545	-1.021	6.104	16.7	Pass
T12	35 - 15	Top Girt	3/4	599	-1.033	6.104	16.9	Pass
T13	15 - 5	Top Girt	3/4	654	-1.005	6.104	16.5	Pass
T14	5 - 0	Top Girt	3/4	682	6.331	19.880	31.8	Pass
T1	255 - 235	Bottom Girt	3/4	9	-1.636	6.104	26.8	Pass
T2	235 - 215	Bottom Girt	3/4	61	-3.545	6.104	58.1	Pass
T3	215 - 195	Bottom Girt	3/4	115	-1.684	6.104	27.6	Pass
T4	195 - 175	Bottom Girt	3/4	169	-0.929	6.104	15.2	Pass
T5	175 - 155	Bottom Girt	3/4	223	-0.670	6.104	11.0	Pass
T6	155 - 135	Bottom Girt	3/4	278	-1.129	6.104	18.5	Pass
T7	135 - 115	Bottom Girt	3/4	331	-0.802	6.104	13.1	Pass
T8	115 - 95	Bottom Girt	3/4	386	-0.848	6.104	13.9	Pass
T9	95 - 75	Bottom Girt	3/4	440	-0.868	6.104	14.2	Pass
T10	75 - 55	Bottom Girt	3/4	495	-0.970	6.104	15.9	Pass
T11	55 - 35	Bottom Girt	3/4	548	-1.021	6.104	16.7	Pass
T12	35 - 15	Bottom Girt	3/4	602	-1.033	6.104	16.9	Pass
T13	15 - 5	Bottom Girt	3/4	657	5.570	19.880	28.0	Pass
T14	5 - 0	Bottom Girt	3/4	687	1.922	19.880	9.7	Pass

<p>tnxTower</p> <p>B+T Engineering 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job</p> <p>ATS#: C254 - CK Jabez (Site# KY-4128)</p>	<p>Page</p> <p>47 of 47</p>
	<p>Project</p> <p>255' 36G/36.98558056, -84.89153056</p>	<p>Date</p> <p>16:24:18 02/27/26</p>
	<p>Client</p> <p>APC Towers</p>	<p>Designed by</p> <p>aashwood</p>

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail	
T1	255 - 235	Guy A@245	5/8 EModulus	729	23.503	25.440	92.4	Pass	
T3	215 - 195	Guy A@205	7/16 EModulus	721	11.851	12.480	95.0	Pass	
T7	135 - 115	Guy A@132.211	3/8 EModulus	708	8.184	9.240	88.6	Pass	
T10	75 - 55	Guy A@72.2109	3/8 EModulus	702	6.954	9.240	75.3	Pass	
T1	255 - 235	Guy B@245	5/8 EModulus	728	23.235	25.440	91.3	Pass	
T3	215 - 195	Guy B@205	7/16 EModulus	717	11.725	12.480	93.9	Pass	
T7	135 - 115	Guy B@132.211	3/8 EModulus	707	8.176	9.240	88.5	Pass	
T10	75 - 55	Guy B@72.2109	3/8 EModulus	701	6.963	9.240	75.4	Pass	
T1	255 - 235	Guy C@245	5/8 EModulus	724	23.461	25.440	92.2	Pass	
T3	215 - 195	Guy C@205	7/16 EModulus	709	11.861	12.480	95.0	Pass	
T7	135 - 115	Guy C@132.211	3/8 EModulus	703	8.193	9.240	88.7	Pass	
T10	75 - 55	Guy C@72.2109	3/8 EModulus	697	6.951	9.240	75.2	Pass	
T1	255 - 235	Top Guy Pull-Off@245	4x5/8	727	6.679	112.500	5.9	Pass	
T3	215 - 195	Top Guy Pull-Off@205	4x5/8	714	-5.905	24.488	24.1	Pass	
T7	135 - 115	Top Guy Pull-Off@132.211	4x5/8	706	3.496	112.500	3.1	Pass	
T10	75 - 55	Top Guy Pull-Off@72.2109	4x5/8	700	3.381	112.500	3.0	Pass	
T3	215 - 195	Torque Arm Top@205	C12x20.7	712	-4.205	237.937	29.6	Pass	
							Summary		
							Leg (T12)	70.9	Pass
							Diagonal (T4)	93.2	Pass
							Horizontal (T1)	41.5	Pass
							Top Girt (T3)	62.1	Pass
							Bottom Girt (T2)	58.1	Pass
							Guy A (T3)	95.0	Pass
							Guy B (T3)	93.9	Pass
							Guy C (T3)	95.0	Pass
							Top Guy Pull-Off (T3)	24.1	Pass
							Torque Arm Top (T3)	29.6	Pass
							Bolt Checks	20.7	Pass
							RATING =	95.0	Pass



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



8601 SIX FORKS RD., STE. 250, RALEIGH, NC

REV	DATE	DESCRIPTION
0	03/06/26	ISSUED FOR CONSTRUCTION

ISSUED FOR:

COA: 4011

EXPIRES: 12/31/2026



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

PROJECT INFORMATION:

PROJECT NO: 26-001320
SITE NAME: CK JABEZ
SITE NO: KY-4128
CLIENT NAME: APC TOWERS IV, LLC

DRAWN BY: CLINT COODY
CHECKED BY: JL

SHEET TITLE:

PIER AND PAD FOUNDATION

SHEET NUMBER:

GT-PPF

REVISION:

0

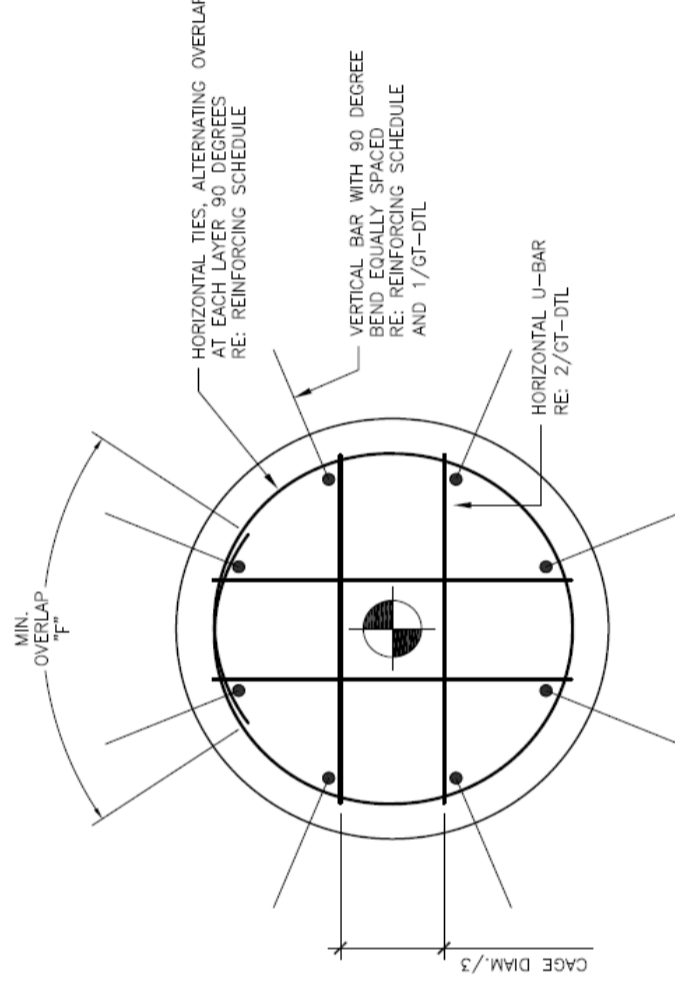
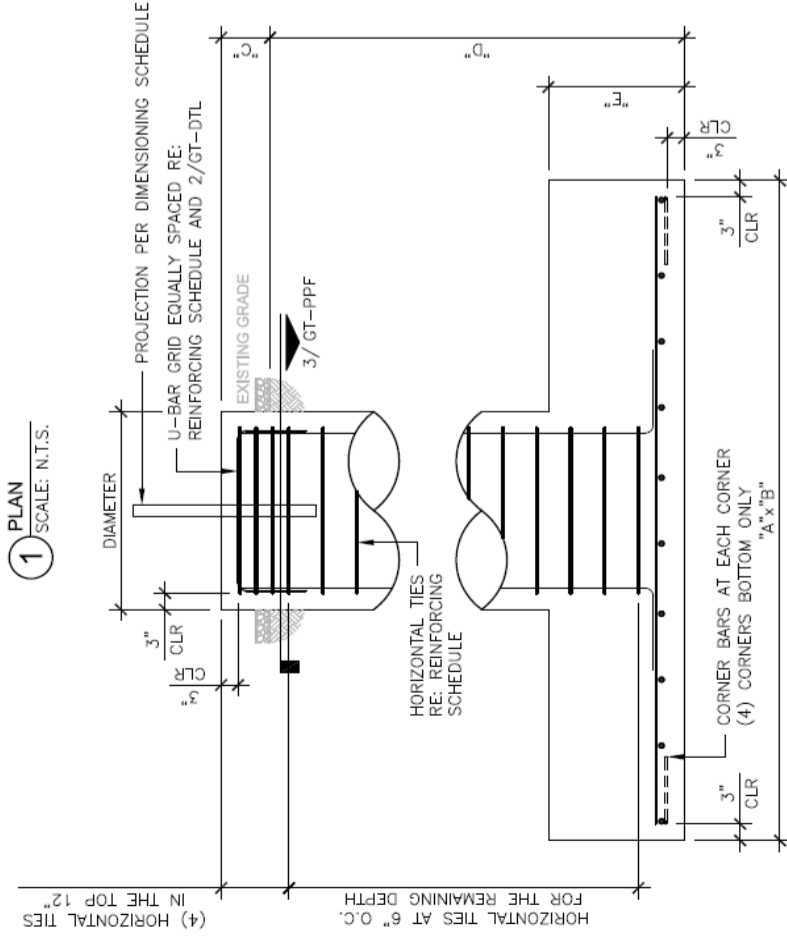
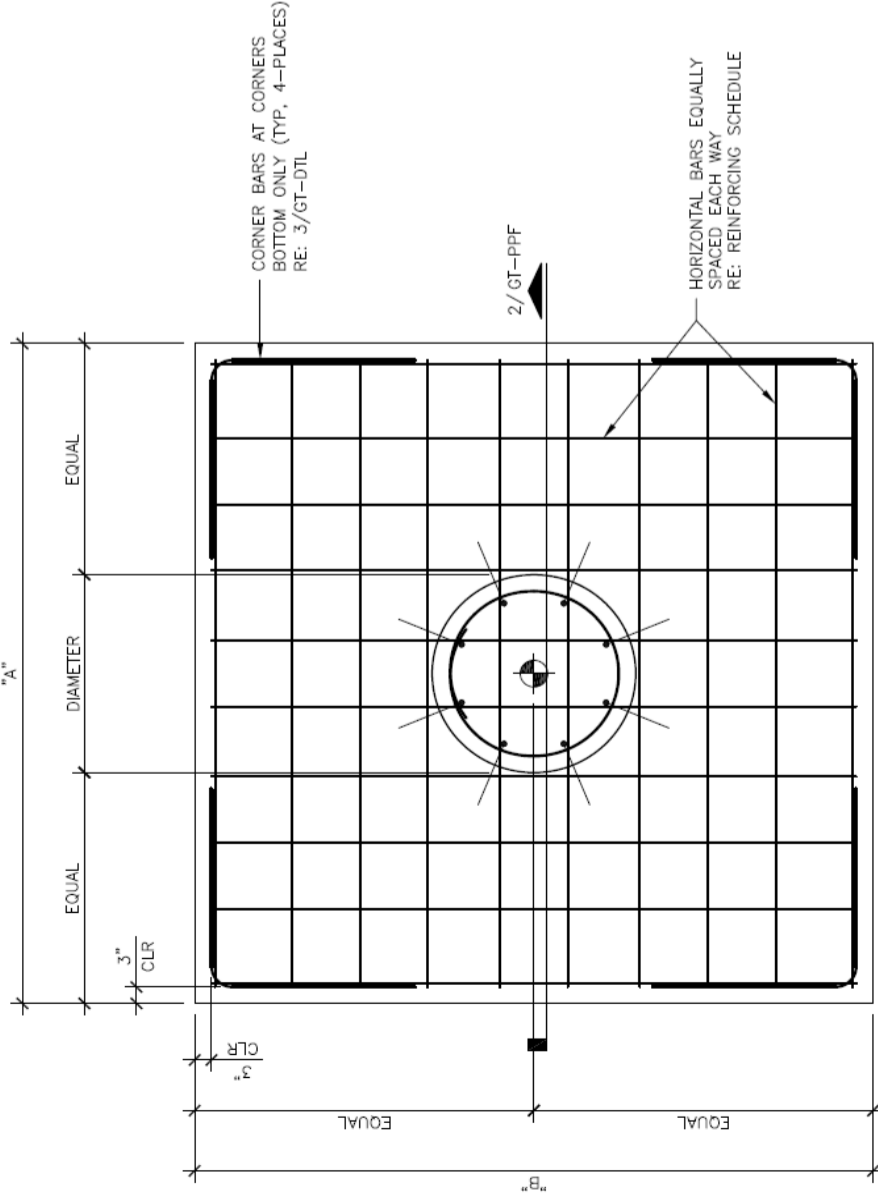
- NOTES:**
- REINFORCEMENT STEEL SHALL CONFORM TO THE REQUIREMENT OF ASTM A-615 (GRADE 60) EXCEPT THAT TIES MAY BE ASTM-615 (GRADE 40) WITH MINIMUM CLEAR COVER.
 - REINFORCEMENT STEEL SHALL BE DETAILED, FABRICATED, BENT, AND PLACED IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE AND THE ACI 315 (LATEST EDITION).
 - THE CONTRACTOR SHALL THOROUGHLY REVIEW THE GEOTECH REPORT FOR THIS PROJECT AND FOLLOW THE RECOMMENDATIONS IN THAT REPORT WHEN CONSTRUCTING THE FOUNDATION.
GEOTECHNICAL PROPERTIES BY: ENGINEERED TOWER SOLUTIONS
PROJECT NUMBER: 25142527
 - DATE: JANUARY 12, 2026
 - THIS FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE TIA 222-H STANDARD, SPECIFICALLY FOR THE TOWER AND SOIL CONDITION REFERENCED ABOVE. IF ANYTHING DIFFERS THIS DESIGN SHALL BE CONSIDERED INVALID AND MUST BE REDESIGNED PRIOR TO CONSTRUCTION.
 - CONCRETE VOLUME IN CUBIC YARDS: 2.23
 - ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
 - CONCRETE MIXTURES SHALL MEET DURABILITY REQUIREMENTS OF CHAPTER 19 OF THE ACI 318-14.
 - ALL CONCRETE TESTING SHALL BE IN ACCORDANCE WITH ACI 318-14. A MINIMUM OF (2) 6"x12" OR (3) 4"x8" CONCRETE CYLINDERS PER INDIVIDUAL FOUNDATION AND A MINIMUM OF (6) 6"x12" OR (6) 4"x8" CYLINDERS PER BATCH REQUIRED.
 - SLUMP TEST SHALL BE MADE IN ACCORDANCE WITH ASTM C143. THE ALLOWABLE CONCRETE SLUMP SHALL BE 4 INCHES (±1") UNLESS ADMIXTURES ARE USED. ADMIXTURE SHALL BE IN ACCORDANCE WITH ASTM C494 STANDARD TYPES A, B, C, D OR E. THE ENGINEER SHALL PRE-APPROVE SUPER PLASTICIZER USE. DO NOT USE CHLORIDE-CONTAINING ADMIXTURES. AIR ENTRAINING ADMIXTURES SHALL CONFORM TO ASTM C260.
 - BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM UNIT WEIGHT SPECIFIED IN GEOTECH REPORT. THE SOIL SHALL BE INSTALLED IN 6" TO 8" LIFTS AND COMPACTED THOROUGHLY TO ACHIEVE APPROPRIATE UNIT WEIGHT UNLESS GEOTECH SPECIFIES OTHER COMPACTION REQUIREMENTS. VERIFY ALL DIMENSIONS AGAINST MANUFACTURER'S DRAWINGS.
 - VERIFY ALL DIMENSIONS AGAINST MANUFACTURER'S DRAWINGS.

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

DIMENSIONING SCHEDULE	
A	5'6"
B	5'6"
C	0'6"
D	4'0"
E	1'6"
MIN. OVERLAP "F"	2'3"
DIAMETER	2'6"
CENTER PIN PROJ.	REF TO MFG

REINFORCING SCHEDULE			SIZE	TOTAL QTY
VERTICAL BARS	#6	9		
HORIZONTAL TIES	#4	10		
U-BAR HORIZONTAL (PEDESTAL)	#4	4		
BOTTOM HORIZONTAL BARS	#6	14		
CORNER BARS	#4	4		

BASE REACTIONS: (FACTORED LOADS)		
VERTICAL	167	KIPS
HORIZONTAL	1	KIPS



3 SECTION SCALE: N.T.S.



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



8601 SIX FORKS RD., STE. 250, RALEIGH, NC

REV	DATE	DESCRIPTION
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ISSUED FOR:

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EXPIRES: 12/31/2026



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PROJECT INFORMATION:

PROJECT NO: 26-001320
SITE NAME: CK JABEZ
SITE NO: KY-4128
CLIENT NAME: APC TOWERS IV, LLC

DRAWN BY: CLINT COODY
CHECKED BY: JL

SHEET TITLE:

B2 ANCHOR BLOCK FOUNDATION

SHEET NUMBER:

GT-ABF

REVISION:

0

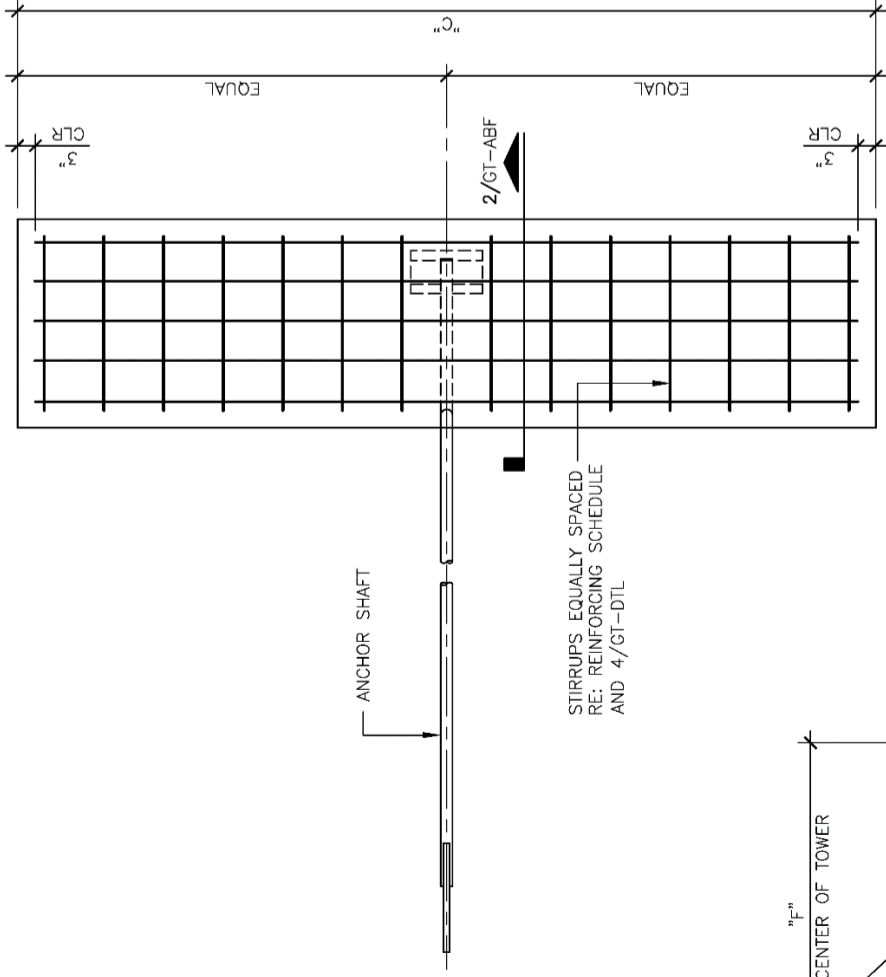
- NOTES:**
1. REINFORCEMENT STEEL SHALL CONFORM TO THE REQUIREMENT OF ASTM A-615 (GRADE 60) EXCEPT THAT TIES MAY BE ASTM-615 (GRADE 40) WITH MINIMUM CLEAR COVER.
 2. REINFORCEMENT STEEL SHALL BE DETAILED, FABRICATED, BENT, AND PLACED IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE AND THE ACI 315 (LATEST EDITION).
 3. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE GEOTECH REPORT FOR THIS PROJECT AND FOLLOW THE RECOMMENDATIONS IN THAT REPORT WHEN CONSTRUCTING THE FOUNDATION.
GEOTECHNICAL PROPERTIES BY: ENGINEERED TOWER SOLUTIONS
PROJECT NUMBER: 25142527
 4. DATE: JANUARY 12, 2026
THIS FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE TIA 222-H STANDARD, SPECIFICALLY FOR THE TOWER AND SOIL CONDITION REFERENCED ABOVE. IF ANYTHING DIFFERS THIS DESIGN SHALL BE CONSIDERED INVALID AND MUST BE REDESIGNED PRIOR TO CONSTRUCTION.
CONCRETE VOLUME IN CUBIC YARDS: 1.04
 5. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
 6. CONCRETE MIXTURES SHALL MEET DURABILITY REQUIREMENTS OF CHAPTER 19 OF THE ACI 318-14.
 7. ALL CONCRETE TESTING SHALL BE IN ACCORDANCE WITH ACI 318-14; A MINIMUM OF (2) 6"x12" OR (3) 4"x8" CONCRETE CYLINDERS PER INDIVIDUAL FOUNDATION AND A MINIMUM OF (6) 6"x12" OR (6) 4"x8" CYLINDERS PER BATCH REQUIRED.
 8. SLUMP TEST SHALL BE MADE IN ACCORDANCE WITH ASTM C143. THE ALLOWABLE CONCRETE SLUMP SHALL BE 4 INCHES (±1") UNLESS ADMIXTURES ARE USED. ADMIXTURE SHALL BE IN ACCORDANCE WITH ASTM C494 STANDARD TYPES A, B, C, D OR E. THE ENGINEER SHALL PRE-APPROVE SUPER PLASTICIZER USE. DO NOT USE CHLORIDE-CONTAINING ADMIXTURES. AIR ENTRAINING ADMIXTURES SHALL CONFORM TO ASTM C260.
 9. BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM UNIT WEIGHT SPECIFIED IN GEOTECH REPORT. THE SOIL SHALL BE INSTALLED IN 6" TO 8" LIFTS AND COMPACTED THOROUGHLY TO ACHIEVE APPROPRIATE UNIT WEIGHT UNLESS GEOTECH SPECIFIES OTHER COMPACTION REQUIREMENTS.
 10. VERIFY ALL DIMENSIONS AGAINST MANUFACTURER'S DRAWINGS.
 11. ANCHOR SHAFT: BY TOWER MANUFACTURER
 12. STIPULATION FOR REUSE:

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

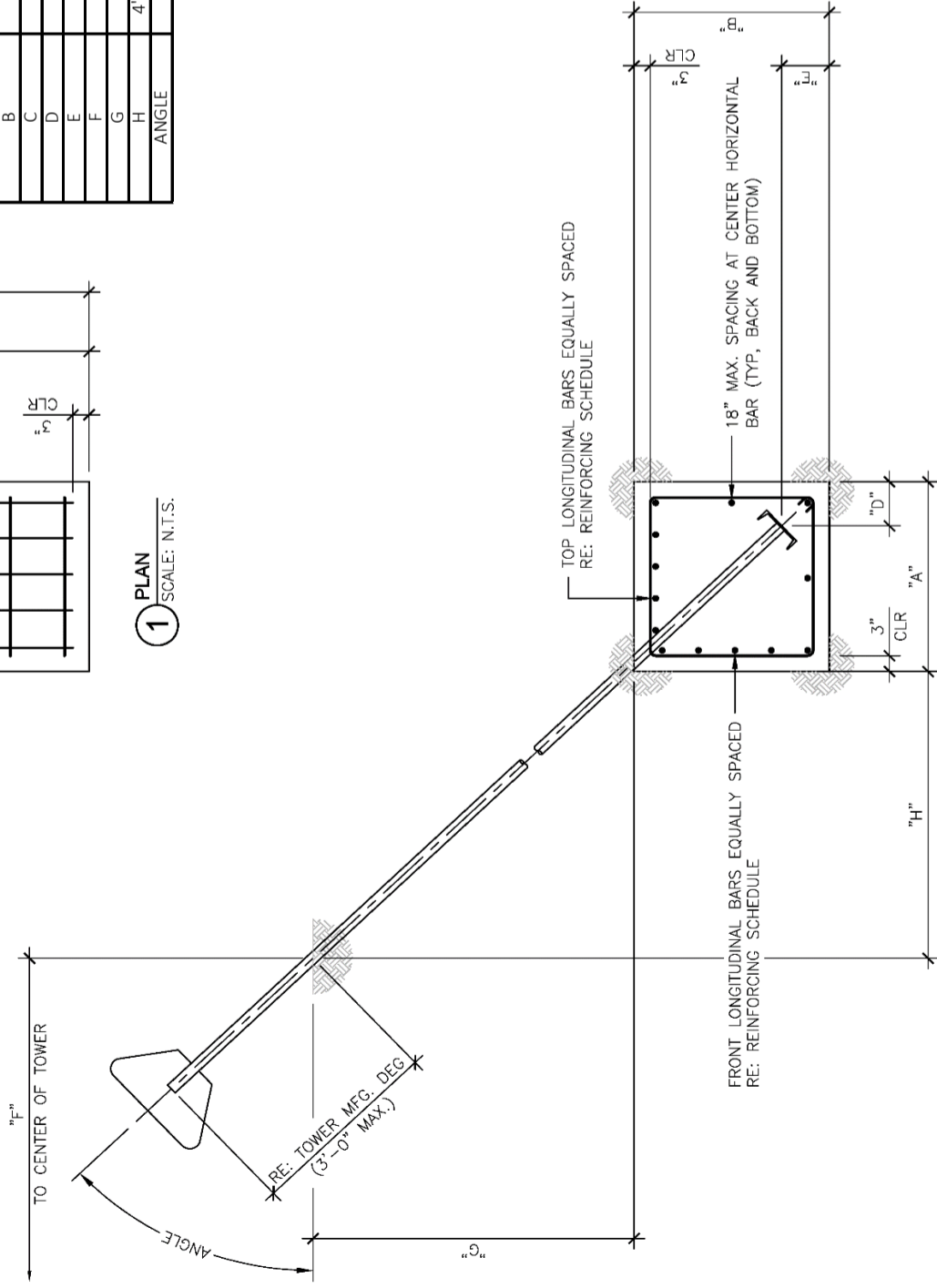
DIMENSIONING SCHEDULE	SIZE	TOTAL QTY
A	2' 0"	8
B	2' 0"	3
C	7' 0"	6
D	0' 6"	3
E	0' 6"	6
F	175' 0"	1
G	5' 0"	2
H	4' 3-11/16"	
ANGLE	48.2°	

REINFORCING SCHEDULE	SIZE	TOTAL QTY
STIRRUPS	#4	8
LONGITUDINAL BARS TOP	#6	3
LONGITUDINAL BARS FRONT	#6	6
LONGITUDINAL BARS BACK	#6	6
LONGITUDINAL BARS BOTTOM	#6	2

BASE REACTIONS: (FACTORED LOADS)	VERTICAL	HORIZONTAL
	47 KIPS	42 KIPS



1 PLAN
SCALE: N.T.S.



2 SECTION
SCALE: N.T.S.



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



8601 SIX FORKS RD., STE. 250, RALEIGH, NC

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SITE NO: KY-4128
CLIENT NAME: APC TOWERS IV, LLC
DRAWN BY: CLINT COODY
CHECKED BY: JL

SHEET TITLE:

B3 ANCHOR BLOCK FOUNDATION

SHEET NUMBER:

GT-ABF

REVISION:

0

- NOTES:**
1. REINFORCEMENT STEEL SHALL CONFORM TO THE REQUIREMENT OF ASTM A-615 (GRADE 60) EXCEPT THAT TIES MAY BE ASTM-615 (GRADE 40) WITH MINIMUM CLEAR COVER.
 2. REINFORCEMENT STEEL SHALL BE DETAILED, FABRICATED, BENT, AND PLACED IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE AND THE ACI 315 (LATEST EDITION).
 3. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE GEOTECH REPORT FOR THIS PROJECT AND FOLLOW THE RECOMMENDATIONS IN THAT REPORT WHEN CONSTRUCTING THE FOUNDATION.

GEOTECHNICAL PROPERTIES BY: ENGINEERED TOWER SOLUTIONS

PROJECT NUMBER: 25142527

DATE: JANUARY 12, 2026

4. THIS FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE TIA 222-H STANDARD, SPECIFICALLY FOR THE TOWER AND SOIL CONDITION REFERENCED ABOVE. IF ANYTHING DIFFERS THIS DESIGN SHALL BE CONSIDERED INVALID AND MUST BE REDESIGNED PRIOR TO CONSTRUCTION.
5. CONCRETE VOLUME IN CUBIC YARDS: 1.04
6. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
7. CONCRETE MIXTURES SHALL MEET DURABILITY REQUIREMENTS OF CHAPTER 19 OF THE ACI 318-14.
8. ALL CONCRETE TESTING SHALL BE IN ACCORDANCE WITH ACI 318-14. A MINIMUM OF (2) 6"x12" OR (3) 4"x8" CONCRETE CYLINDERS PER INDIVIDUAL FOUNDATION AND A MINIMUM OF (6) 6"x12" OR (6) 4"x8" CYLINDERS PER BATCH REQUIRED.
9. SLUMP TEST SHALL BE MADE IN ACCORDANCE WITH ASTM C143. THE ALLOWABLE CONCRETE SLUMP SHALL BE 4 INCHES (±1") UNLESS ADMIXTURES ARE USED. ADMIXTURE SHALL BE IN ACCORDANCE WITH ASTM C494 STANDARD TYPES A, B, C, D OR E. THE ENGINEER SHALL PRE-APPROVE SUPER PLASTICIZER USE. DO NOT USE CHLORIDE-CONTAINING ADMIXTURES. AIR ENTRAINING ADMIXTURES SHALL CONFORM TO ASTM C260.
10. BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM UNIT WEIGHT SPECIFIED IN GEOTECH REPORT. THE SOIL SHALL BE INSTALLED IN 6" TO 8" LIFTS AND COMPACTED THOROUGHLY TO ACHIEVE APPROPRIATE UNIT WEIGHT UNLESS GEOTECH SPECIFIES OTHER COMPACTION REQUIREMENTS.
11. VERIFY ALL DIMENSIONS AGAINST MANUFACTURER'S DRAWINGS.
12. ANCHOR SHAFT: BY TOWER MANUFACTURER

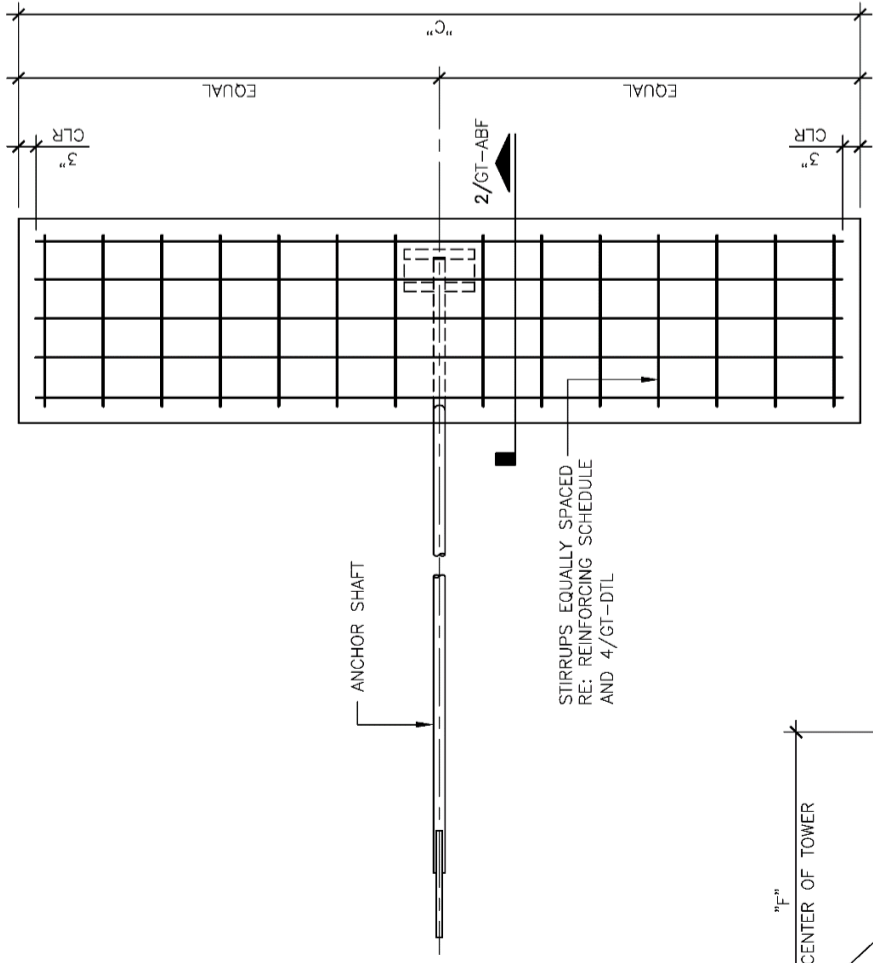
STIPULATION FOR REUSE:

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

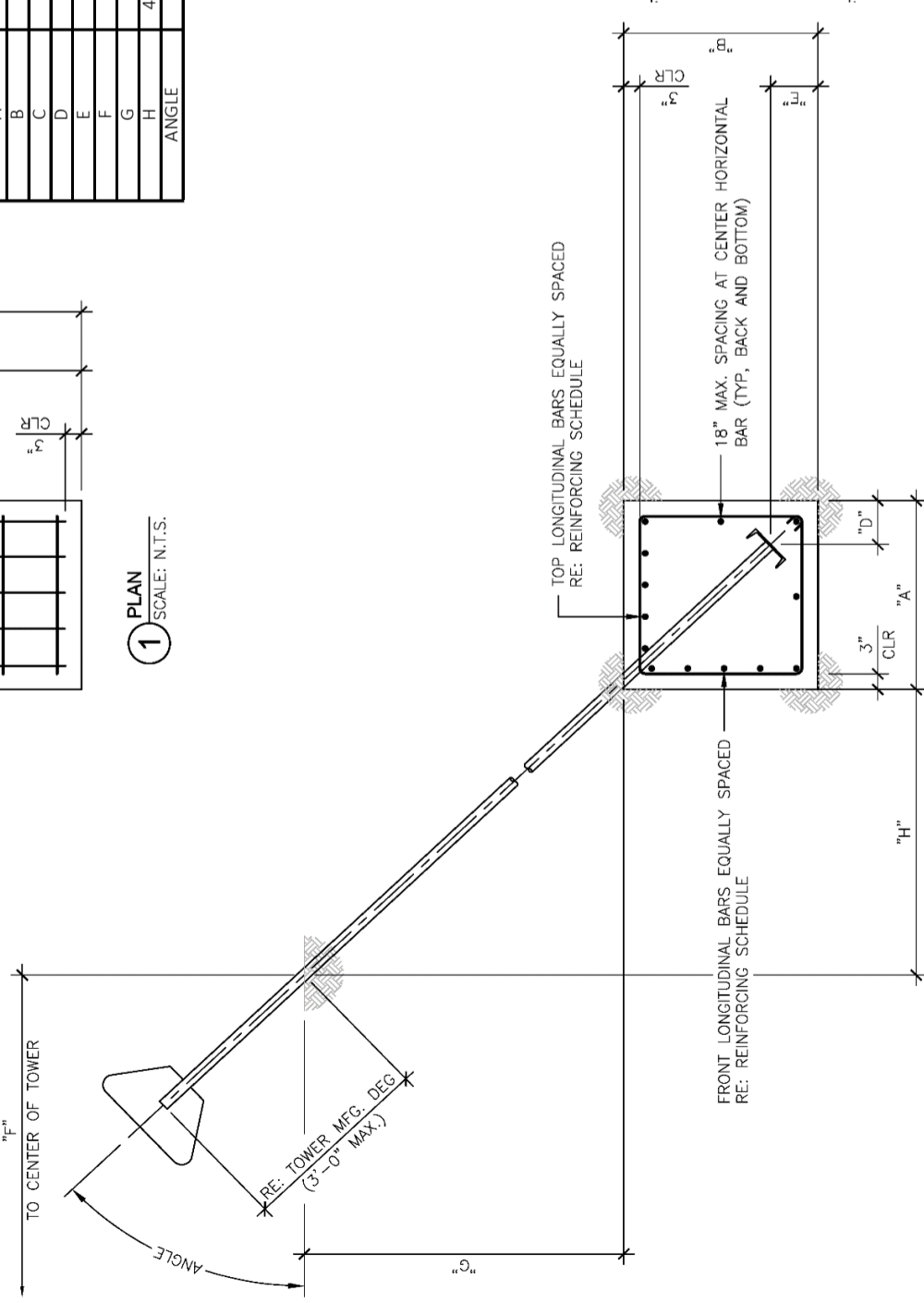
DIMENSIONING SCHEDULE	SIZE	TOTAL QTY
A	2' 0"	8
B	2' 0"	3
C	7' 0"	3
D	0' 6"	6
E	0' 6"	1
F	175' 0"	2
G	5' 0"	
H	4' 10-3/16"	
ANGLE	45.7°	

REINFORCING SCHEDULE	SIZE	TOTAL QTY
STIRRUPS	#4	8
LONGITUDINAL BARS TOP	#6	3
LONGITUDINAL BARS FRONT	#6	3
LONGITUDINAL BARS BACK	#6	1
LONGITUDINAL BARS BOTTOM	#6	2

BASE REACTIONS: (FACTORED LOADS)	VERTICAL	HORIZONTAL
	43 KIPS	42 KIPS



1 PLAN
SCALE: N.T.S.



2 SECTION
SCALE: N.T.S.



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



8601 SIX FORKS RD., STE. 250, RALEIGH, NC

ISSUED FOR:	
REV	DESCRIPTION
0	03/06/26 ISSUED FOR CONSTRUCTION

COA: 4011

EXPIRES: 12/31/2026



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

PROJECT INFORMATION:

PROJECT NO: 26-001320
SITE NAME: CK JABEZ
SITE NO: KY-4128
CLIENT NAME: APC TOWERS IV, LLC

DRAWN BY: CLINT COODY
CHECKED BY: JL

SHEET TITLE:

B4 ANCHOR BLOCK FOUNDATION

SHEET NUMBER:

GT-ABF

REVISION:

0

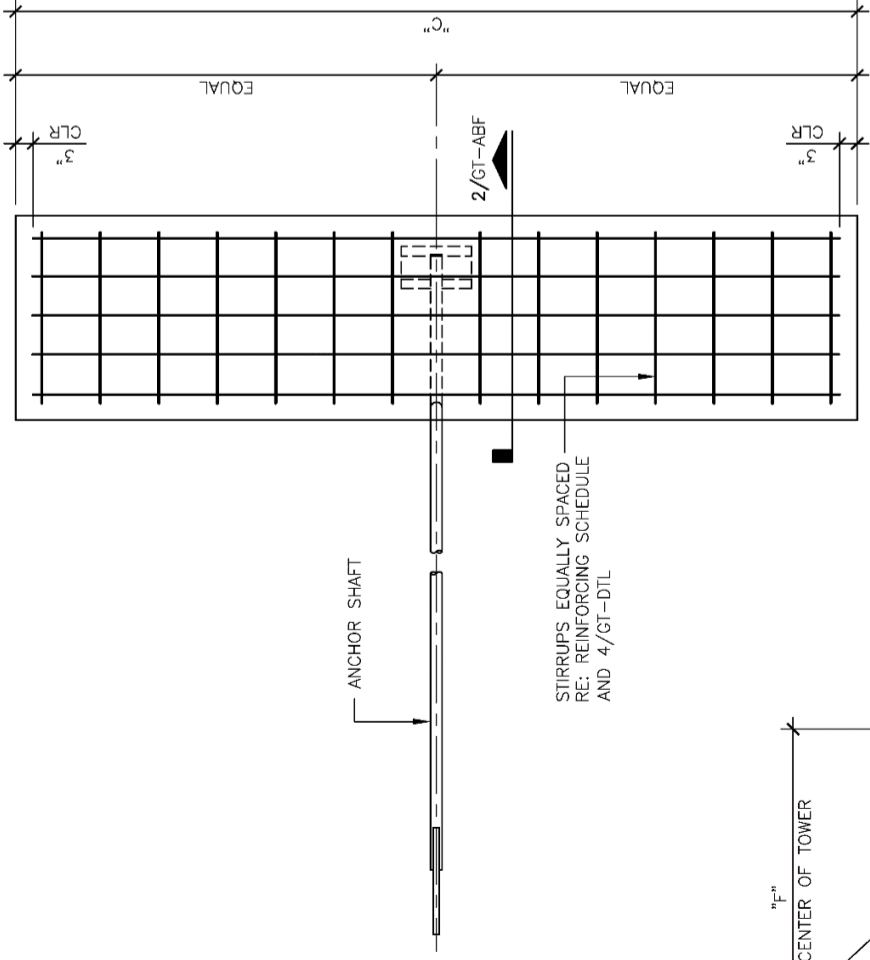
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GEOTECHNICAL PROPERTIES BY: ENGINEERED TOWER SOLUTIONS
PROJECT NUMBER: 25142527
 4. DATE: JANUARY 12, 2026
THIS FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE TIA 222-H STANDARD, SPECIFICALLY FOR THE TOWER AND SOIL CONDITION REFERENCED ABOVE. IF ANYTHING DIFFERS THIS DESIGN SHALL BE CONSIDERED INVALID AND MUST BE REDESIGNED PRIOR TO CONSTRUCTION.
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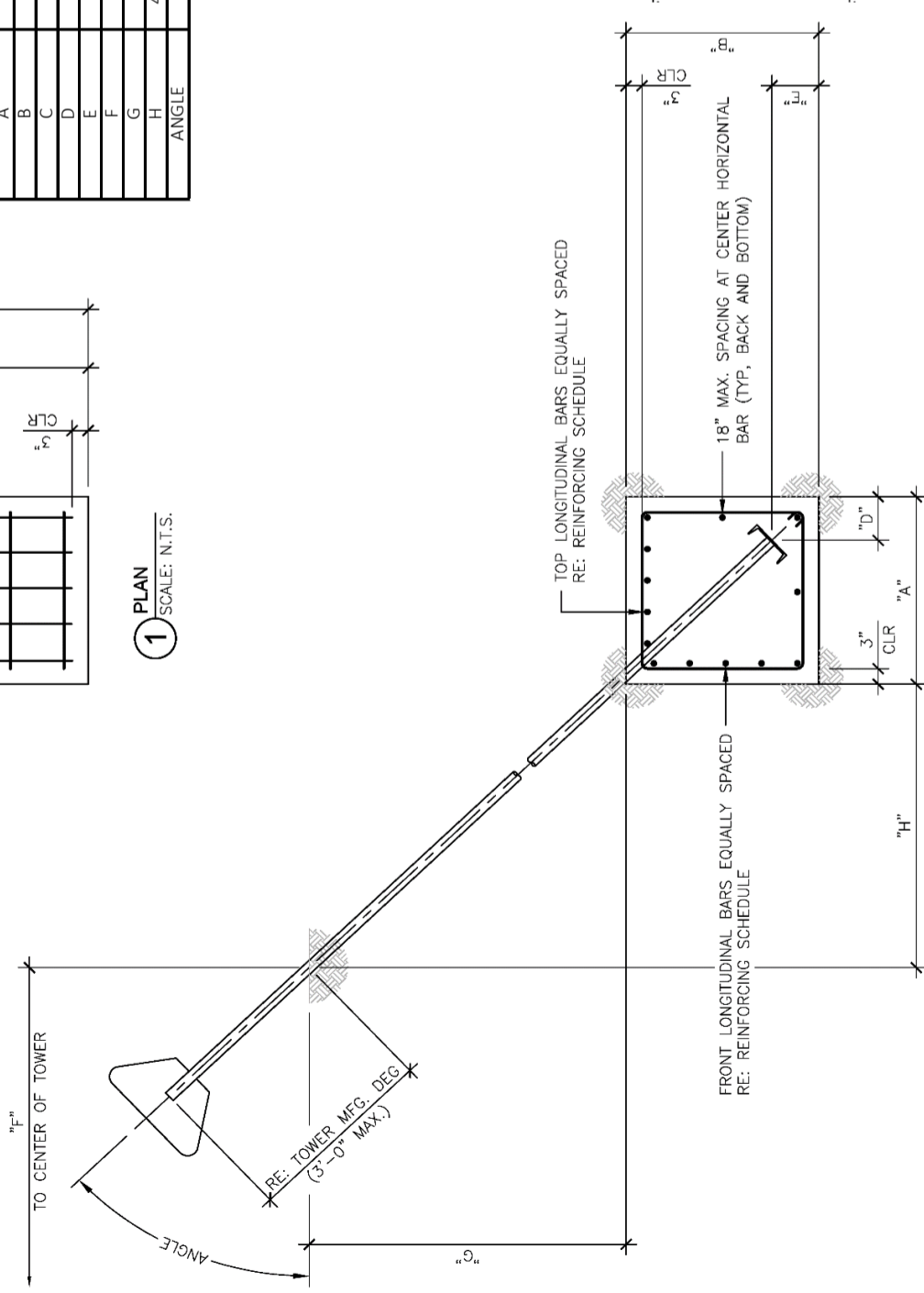
DIMENSIONING SCHEDULE	
A	2' 0"
B	2' 0"
C	7' 0"
D	0' 6"
E	0' 6"
F	175' 0"
G	5' 0"
H	4' 5'-3/16"
ANGLE	47.6°

REINFORCING SCHEDULE			TOTAL QTY	
STIRRUPS	#4		8	
LONGITUDINAL BARS TOP	#6		3	
LONGITUDINAL BARS FRONT	#6		3	
LONGITUDINAL BARS BACK	#6		1	
LONGITUDINAL BARS BOTTOM	#6		2	

BASE REACTIONS: (FACTORED LOADS)		
VERTICAL	46	KIPS
HORIZONTAL	42	KIPS



1 PLAN
SCALE: N.T.S.



2 SECTION
SCALE: N.T.S.



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



8601 SIX FORKS RD., STE. 250, RALEIGH, NC

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PROJECT INFORMATION:

PROJECT NO: 26-001320
SITE NAME: CK JABEZ
SITE NO: KY-4128
CLIENT NAME: APC TOWERS IV, LLC

DRAWN BY: CLINT COODY
CHECKED BY: JL

SHEET TITLE:

DIMENSIONING DETAIL

SHEET NUMBER:

DTL

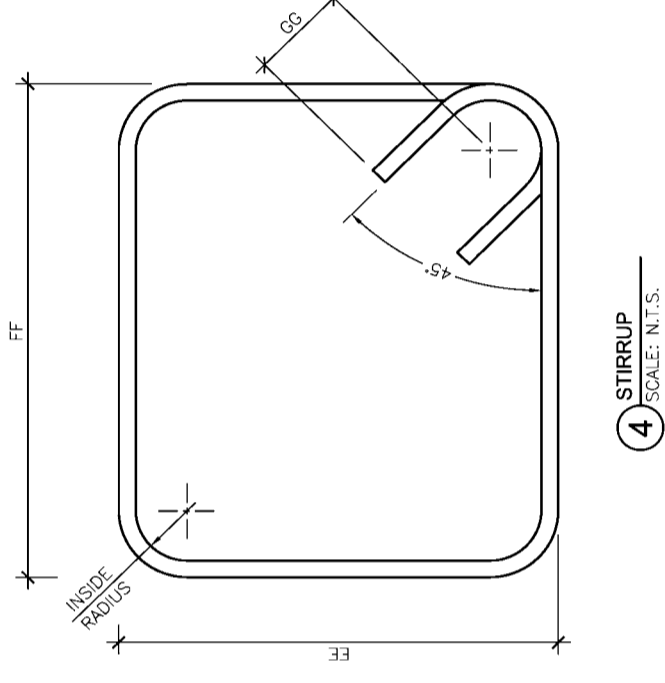
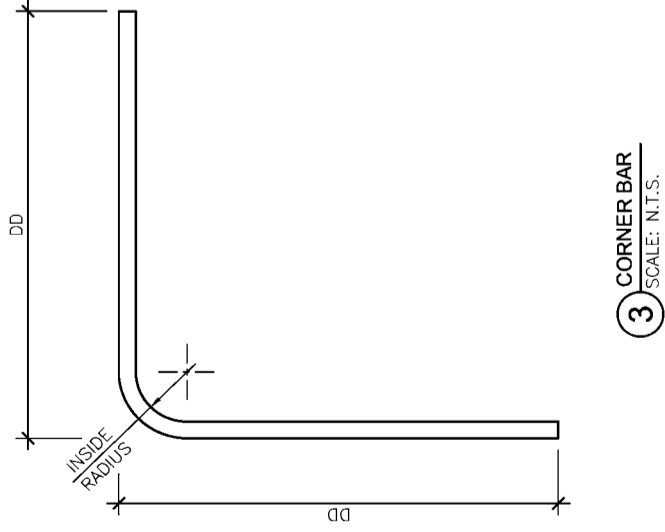
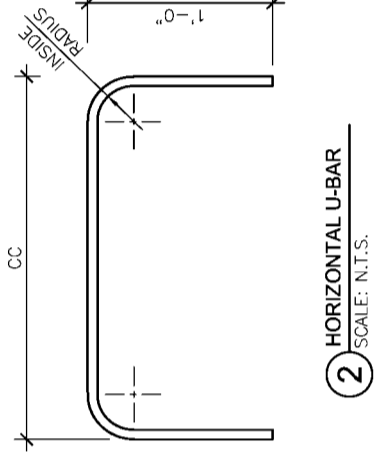
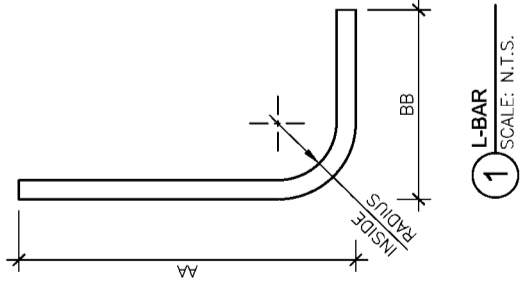
REVISION:

0

DIMENSIONING SCHEDULE	
AA*	3'-10-1/2"
BB	1'-0"
CC*	1'-10-5/8"
DD	3'-0"

	B2	B3	B4
ANCHOR	ANCHOR	ANCHOR	ANCHOR
EE*	1'-6"	1'-6"	1'-6"
FF*	1'-6"	1'-6"	1'-6"
GG	0'-3"	0'-3"	0'-3"

*NOTE: CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO FABRICATION



Pier and Pad Foundation

Project #:	26-001320
Site Name:	CK Jabez
Site #:	KY-4128

TIA-222 Revision:	H
Tower Type:	Guyed

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	167	kips
Base Shear, V_u_{comp} :	1	kips
Moment, M_u :	0	ft-kips
Tower Height, H :	255	ft
BP Dist. Above Fdn, bp_{dist} :	0	in
Bolt Circle / Bearing Plate Width, BC :	12	in

Foundation Analysis Checks				
	Capacity	Demand	Rating	Check
<i>Lateral (Sliding) (kips)</i>	31.72	1.00	3.2%	Pass
<i>Bearing Pressure (ksf)</i>	6.85	6.25	91.2%	Pass
<i>Overturning (kip*ft)</i>	88.49	4.50	5.1%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	338.33	3.00	0.9%	Pass
<i>Pier Compression (kip)</i>	3124.31	169.65	5.4%	Pass
<i>Pad Flexure (kip*ft)</i>	186.60	35.21	18.9%	Pass
<i>Pad Shear - 1-way (kips)</i>	86.88	10.79	12.4%	Pass
<i>Pad Shear - 2-way (Comp) (ksi)</i>	0.190	0.035	18.5%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	373.20	1.80	0.5%	Pass

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, $dpier$:	2.5	ft
Ext. Above Grade, E :	0.5	ft
Pier Rebar Size, Sc :	6	
Pier Rebar Quantity, mc :	9	
Pier Tie/Spiral Size, St :	4	
Pier Tie/Spiral Quantity, mt :	14	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

Structural Rating:	18.9%
Soil Rating:	91.2%

Pad Properties		
Depth, D :	4	ft
Pad Width, W_1 :	5.5	ft
Pad Thickness, T :	1.5	ft
Pad Rebar Size (Bottom dir. 2), Sp_2 :	6	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	7	
Pad Clear Cover, cc_{pad} :	3	in

Material Properties		
Rebar Grade, F_y :	60	ksi
Concrete Compressive Strength, F'_c :	4	ksi
Dry Concrete Density, δ_c :	150	pcf

Soil Properties		
Total Soil Unit Weight, γ :	105	pcf
Ultimate Net Bearing, Q_{net} :	11.000	ksf
Cohesion, C_u :	0.500	ksf
Friction Angle, ϕ :	0	degrees
SPT Blow Count, N_{blows} :		
Base Friction, μ :	0.3	
Neglected Depth, N :	2.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	N/A	ft

<--Toggle between Gross and Net

Guyed Anchor Block Foundation

Checks capacity of anchor blocks for a guyed tower.

Project #:	26-001320
Site Name:	CK Jabez
Site #:	KY-4128
Location:	

TIA-222 Revision:	B2 N
	H

Design Reactions	
Shear, S:	42.00 kips
Uplift, Ua:	47.00 kips
Resultant Force, Rf:	63.03 kips
Tower Height, H:	255.00 ft
Guy Anchor Radius, R:	175.00 ft
Resultant Angle to Horizontal, θ:	48.2 deg

Guy Anchor Properties	
Depth to Bottom of Deadman, Da:	7 ft
Anchor Width, Wa:	2 ft
Anchor Thickness, Ta:	2 ft
Anchor Length, La:	7 ft
Concrete Volume, Vc:	1.0 yd ³
Toe Width, toe:	ft
Guyed Anchor Top Rebar Size, Sat:	6
No. of Bars in Top of Block:	3
Guyed Anchor Front Rebar Size, Saf:	6
No. of Bars in Front of Block:	3
Stirrup Size:	4

Material Properties	
Rebar Grade, Fy:	60 ksi
Concrete Strength, F'c:	4 ksi
Wt. Avg. Concrete Density, δx:	0.150 kcf
Clear Cover, cc:	3 in

Design Checks				
	Capacity	Demand	Rating	Check
Lateral Capacity (kips):	98.89	42.00	42.5%	Pass
Uplift Capacity (kips):	56.32	47.00	83.4%	Pass
Lateral Flexural Capacity (ft*kips):	116.66	36.75	31.5%	Pass
Uplift Flexural Capacity (ft*kips):	116.66	41.13	35.3%	Pass

Anchor Shaft Rating:	N/A
Structural Rating:	35.3%
Soil Rating:	83.4%

Neglect Depth, Neg:	2.5 ft
Groundwater Level, gw:	N/A ft

Soil Properties:						
Layer	φ, deg	c _u , ksf	δ, pcf	d, ft	Ultimate fs (ksf)	N (blows/ft)
1	0	0.600	105	2.00		
2	0	0.500	105	4.00		
3	0	2.200	115	6.00		
4	0	4.700	115	7.00		

*key: φ = Internal Angle of Friction
c_u = Cohesion / Undrained Shear Strength
δ = Buoyant Soil Unit Weight
d = Depth to Bottom of Layer
Ultimate fs = Geotechnical Report-provided skin friction / adhesion
N = SPT Blow Count

Guyed Anchor Block Foundation

Checks capacity of anchor blocks for a guyed tower.

Project #:	26-001320
Site Name:	CK Jabez
Site #:	KY-4128
Location:	

TIA-222 Revision:	B3 SE
	H

Design Reactions	
Shear, S:	42.00 kips
Uplift, Ua:	43.00 kips
Resultant Force, Rf:	60.11 kips
Tower Height, H:	255.00 ft
Guy Anchor Radius, R:	175.00 ft
Resultant Angle to Horizontal, θ:	45.7 deg

Guy Anchor Properties	
Depth to Bottom of Deadman, Da:	7 ft
Anchor Width, Wa:	2 ft
Anchor Thickness, Ta:	2 ft
Anchor Length, La:	7 ft
Concrete Volume, Vc:	1.0 yd ³
Toe Width, toe:	ft
Guyed Anchor Top Rebar Size, Sat:	6
No. of Bars in Top of Block:	3
Guyed Anchor Front Rebar Size, Saf:	6
No. of Bars in Front of Block:	3
Stirrup Size:	4

Material Properties	
Rebar Grade, Fy:	60 ksi
Concrete Strength, F'c:	4 ksi
Wt. Avg. Concrete Density, δx:	0.150 kcf
Clear Cover, cc:	3 in

Design Checks				
	Capacity	Demand	Rating	Check
Lateral Capacity (kips):	46.60	42.00	90.1%	Pass
Uplift Capacity (kips):	45.52	43.00	94.5%	Pass
Lateral Flexural Capacity (ft*kips):	116.66	36.75	31.5%	Pass
Uplift Flexural Capacity (ft*kips):	116.66	37.63	32.3%	Pass

Anchor Shaft Rating:	N/A
Structural Rating:	32.3%
Soil Rating:	94.5%

Neglect Depth, Neg:	2.5 ft
Groundwater Level, gw:	N/A ft

Soil Properties:						
Layer	φ, deg	c _u , ksf	δ, pcf	d, ft	Ultimate fs (ksf)	N (blows/ft)
1	0	0.800	105	2.00		
2	0	1.600	115	4.00		
3	0	1.000	115	6.00		
4	0	1.900	115	7.00		

No. of Soil Layers: 4

*key: φ = Internal Angle of Friction
 c_u = Cohesion / Undrained Shear Strength
 δ = Buoyant Soil Unit Weight
 d = Depth to Bottom of Layer
 Ultimate fs = Geotechnical Report-provided skin friction / adhesion
 N = SPT Blow Count

Guyed Anchor Block Foundation

Checks capacity of anchor blocks for a guyed tower.

Project #:	26-001320
Site Name:	CK Jabez
Site #:	KY-4128
Location:	

TIA-222 Revision:	B4 SW
	H

Design Reactions	
Shear, S:	42.00 kips
Uplift, Ua:	46.00 kips
Resultant Force, Rf:	62.29 kips
Tower Height, H:	255.00 ft
Guy Anchor Radius, R:	175.00 ft
Resultant Angle to Horizontal, θ:	47.6 deg

Guy Anchor Properties	
Depth to Bottom of Deadman, Da:	7 ft
Anchor Width, Wa:	2 ft
Anchor Thickness, Ta:	2 ft
Anchor Length, La:	7 ft
Concrete Volume, Vc:	1.0 yd ³
Toe Width, toe:	ft
Guyed Anchor Top Rebar Size, Sat:	6
No. of Bars in Top of Block:	3
Guyed Anchor Front Rebar Size, Saf:	6
No. of Bars in Front of Block:	3
Stirrup Size:	4

Material Properties	
Rebar Grade, Fy:	60 ksi
Concrete Strength, F'c:	4 ksi
Wt. Avg. Concrete Density, δx:	0.150 kcf
Clear Cover, cc:	3 in

Design Checks				
	Capacity	Demand	Rating	Check
Lateral Capacity (kips):	67.94	42.00	61.8%	Pass
Uplift Capacity (kips):	57.38	46.00	80.2%	Pass
Lateral Flexural Capacity (ft*kips):	116.66	36.75	31.5%	Pass
Uplift Flexural Capacity (ft*kips):	116.66	40.25	34.5%	Pass

Anchor Shaft Rating:	N/A
Structural Rating:	34.5%
Soil Rating:	80.2%

Neglect Depth, Neg:	2.5 ft
Groundwater Level, gw:	N/A ft

Soil Properties:						
Layer	φ, deg	c _u , ksf	δ, pcf	d, ft	Ultimate fs (ksf)	N (blows/ft)
1	0	0.800	105	2.00		
2	0	1.500	115	4.00		
3	0	2.100	115	6.00		
4	0	2.100	115	7.00		

No. of Soil Layers: 4

*key: φ = Internal Angle of Friction
 c_u = Cohesion / Undrained Shear Strength
 δ = Buoyant Soil Unit Weight
 d = Depth to Bottom of Layer
 Ultimate fs = Geotechnical Report-provided skin friction / adhesion
 N = SPT Blow Count

PREPARED FOR:



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27815

PREPARED BY:



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

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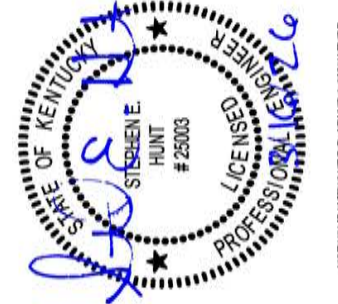
DRAWN BY: JAE

CHECKED BY: DS

REVISIONS:

NO.	DATE	BY	DESCRIPTION
1	03/15/26	JAE	ZONING ISSUE
0	01/15/26	DMB	FNALS
B	12/22/25	WAM	PRELIMINARY REVIEW
A	10/31/25	JAE	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

CK JABEZ

ADDRESS:

TBD KY HIGHWAY 196
NANCY, KY 42544

COUNTY:

RUSSELL

LATITUDE:

36° 59' 08.09" N

LONGITUDE:

84° 53' 29.51" W

SITE NUMBER:

KY-4128

SHEET TITLE:

ASR MAP

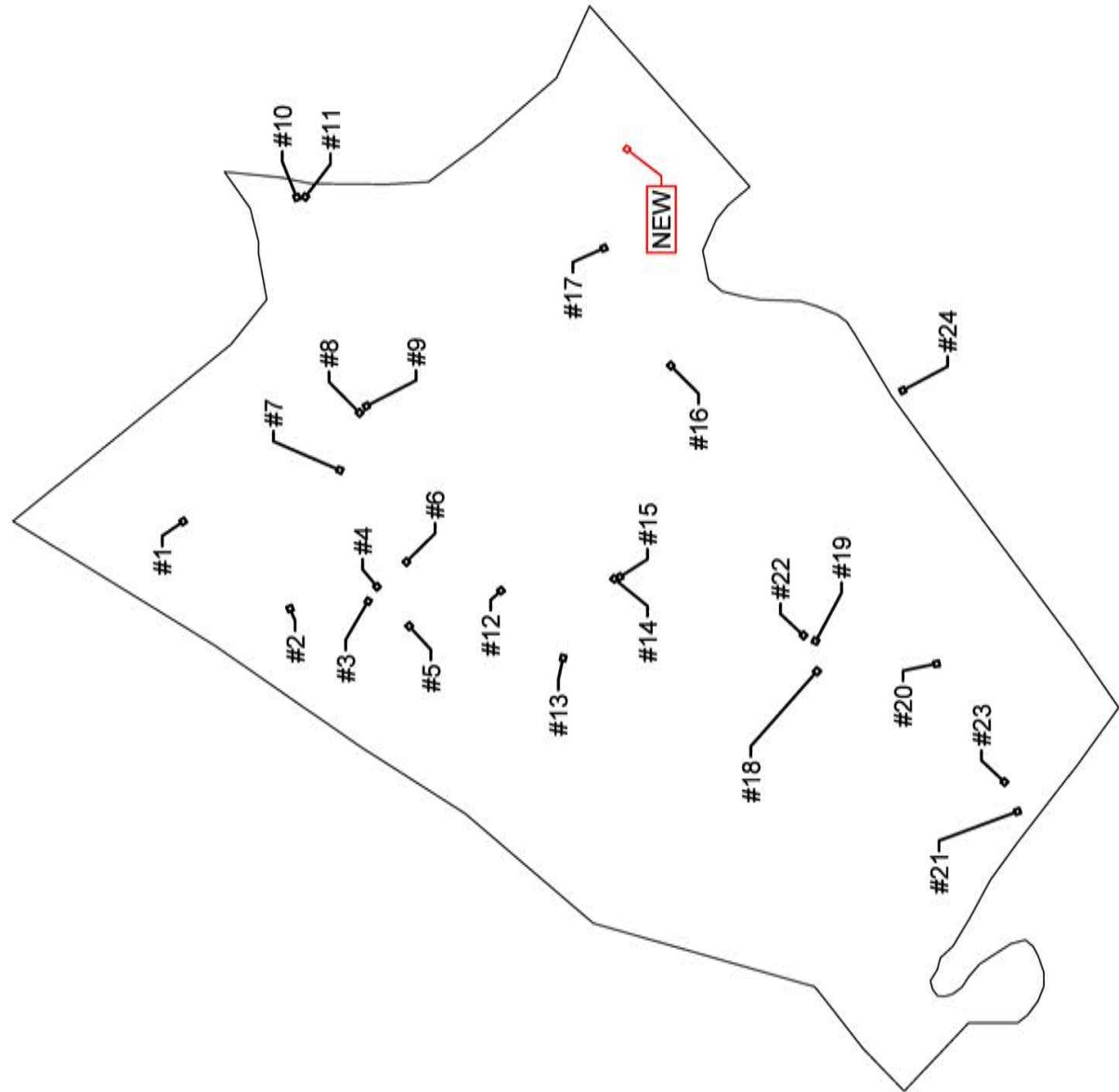
DRAWING NO.

ASR

REVISION:

1

FCC REGISTERED TOWERS						
TOWER	TOWER OWNER	ASR	LATITUDE	LONGITUDE		
NEW	APC TOWERS IV, LLC	TBD	36° 59' 08.09"N	84° 53' 29.51"W		
1	CELLCO PARTNERSHIP	1257754	37° 7' 44.70"N	85° 2' 39.70"W		
2	HAMMOND BROADCASTING INC	1065125	37° 5' 39.00"N	85° 4' 49.00"W		
3	UNITI TOWERS LLC	1316896	37° 47' 30"N	85° 4' 37.40"W		
4	SBA INFRASTRUCTURES, LLC	1232919	37° 3' 51.90"N	85° 4' 19.50"W		
5	DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC.	1060800	37° 3' 15.40"N	85° 5' 14.80"W		
6	GLOBAL TOWER, LLC, THROUGH AMERICAN TOWERS, LLC	1013822	37° 3' 21.00"N	85° 3' 45.00"W		
7	CTI ASSETS II, LLC	1309775	37° 4' 40.80"N	85° 1' 23.50"W		
8	SBA TOWERS VII, LLC	1257488	37° 4' 19.50"N	84° 59' 59.40"W		
9	TILLMAN INFRASTRUCTURE, LLC	1321407	37° 4' 6.80"N	84° 59' 55.80"W		
10	UNITI TOWERS LLC	1318405	37° 5' 25.30"N	84° 54' 43.80"W		
11	SBA INFRASTRUCTURES, LLC	1232264	37° 5' 19.70"N	84° 54' 47.30"W		
12	HOOVER, MAE DBA = LAKE CUMBERLAND BROADCASTERS	1043881	37° 1' 31.00"N	85° 4' 23.00"W		
13	RUSSELL COUNTY AIRPORT	1272430	37° 0' 20.00"N	85° 5' 59.00"W		
14	UNITI TOWERS LLC	1316461	36° 59' 15.30"N	85° 4' 2.00"W		
15	SBA INFRASTRUCTURES, LLC	1249806	36° 59' 14.90"N	85° 4' 3.00"W		
16	TOWERCO V HOLDINGS LLC	1332267	36° 58' 16.40"N	84° 58' 53.50"W		
17	CELLCO PARTNERSHIP	1259175	36° 59' 34.10"N	84° 56' 3.70"W		
18	EAST KENTUCKY POWER COOPERATIVE, INC	1044511	36° 55' 25.00"N	85° 6' 22.00"W		
19	TILLMAN INFRASTRUCTURE, LLC	1321265	36° 55' 26.20"N	85° 5' 37.90"W		
20	CELLCO PARTNERSHIP	1254846	36° 53' 3.20"N	85° 6' 5.40"W		
21	SBA TOWERS III LLC	1261117	36° 51' 35.70"N	85° 9' 37.10"W		
22	SBA TOWERS III LLC	1261129	36° 55' 30.60"N	85° 5' 33.60"W		
23	US ARMY CORPS OF ENGINEERS	1289489	36° 51' 48.80"N	85° 8' 57.50"W		
24	GLOBAL TOWER, LLC, THROUGH AMERICAN TOWERS, LLC	1042205	36° 53' 47.80"N	84° 59' 31.90"W		



RUSSELL COUNTY



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
2025-ASO-24270-OE

Status: Evaluating

1. Sponsor

Name: APC Towers
Attn of: Jonathan Greene
Address: 8601 Six Forks Rd
Suite 250
City: Raleigh
State: NC
Zip: 27615
Country: US
Phone: +1-704-724-8382
Fax:

2.Sponsor's Representative

Name: APC Towers, LLC
 Attn of: APC Towers, LLC
 Address: 8601 Six Forks Road
 Suite 250
 City: RALEIGH
 State: NC
 Zip: 27615
 Country: US
 Phone: +1-919-249-7732
 Fax:

3.Notice of: New Construction

4.Duration:

Permanent (Months:0 Days:0)

5.Work Schedule:

6.Type: Antenna Tower

7.Marking/Lighting: Dual-red and high intensity white

8.FCC Antenna

Registration Number:
(if applicable)

9.Latitude: 36° 59' 8.09" N

10.Longitude: 84° 53' 29.50" W

12.Nearest

State: KY
 County: Russell

13.Nearest Public Use EKQ

Airport:

(or Military Airport/Heliport)

14.Distance from Airport 48557 ft

to Structure:

15.Direction from Airport 348°

to Structure:

16.Site Elevation (SE): 1038 ft

17.Structure Height (AGL): 255 ft

18.Overall Height (AMSL): 1293 ft

19.Prior ASN (if applicable):

20.Description of**Location:**

See Survey

21.Description of**Proposal:**

New Antenna tower

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
3700	3890	MHz	1640 W
3700	3890	MHz	3280 W

Letters:

Processed 7460-2 Forms:

Supplemental Form 7460-2:

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

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

JURISDICTION

602 KAR 50:030

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

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

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

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

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

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

INSTRUCTIONS

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

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

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

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

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

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

PENALTIES

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



APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

APPLICANT (name) Jack Luckadoo		PHONE 910-520-7646	FAX N/A	KY AERONAUTICAL STUDY #	
ADDRESS (street) 8601 Six Forks Road Suite 250		CITY Raleigh		STATE NC	ZIP 27615
APPLICANT'S REPRESENTATIVE (name) Jack Luckadoo		PHONE 910-520-7646	FAX N/A		
ADDRESS (street) 8601 Six Forks Road Suite 250		CITY Raleigh		STATE NC	ZIP 27615
APPLICATION FOR <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing				WORK SCHEDULE	
DURATION <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days)				Start: 9/2026 End: 11/2026	
TYPE <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other		MARKING/PAINTING/LIGHTING PREFERRED <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input type="checkbox"/> Dual- red & medium intensity white <input checked="" type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other			
LATITUDE 36° 59' 08.09"		LONGITUDE 84° 53' 29.50"		DATUM <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
NEAREST KENTUCKY City: Frankfort County: Russell		NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT Wayne County – (EKQ)			
SITE ELEVATION (AMSL, feet) 1,037.6'		TOTAL STRUCTURE HEIGHT (AGL, feet) 260'		CURRENT (FAA aeronautical study #) 2025-ASO-24270-OE	
OVERALL HEIGHT (site elevation plus total structure height, feet) 1267.6'				PREVIOUS (FAA aeronautical study #) N/A	
DISTANCE (from nearest Kentucky public use or Military airport to structure) 48557'				PREVIOUS (KY aeronautical study #) N/A	
DIRECTION (from nearest Kentucky public use or Military airport to structure) 348°					
DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.) 1A Letter Attached					
DESCRIPTION OF PROPOSAL Proposed new Antenna Tower					
FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?) <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? 11/24/2025					
CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)					
PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)					
NAME Jack Luckadoo	TITLE Project Manager	SIGNATURE <i>Jack Luckadoo</i>		DATE 1/14/2026	
COMMISSION ACTION <input type="checkbox"/> Chairperson, KAZC <input type="checkbox"/> Administrator, KAZC					
<input type="checkbox"/> Approved		SIGNATURE		DATE	
<input type="checkbox"/> Disapproved					

GEOTECHNICAL REPORT OF SUBSURFACE INVESTIGATION

January 12, 2026

**PROPOSED GUYED TOWER
CK JABEZ
(KY-4128)**

**KY Highway 96
Nancy, KY 42602**

36.985580, -84.891529

Prepared for:



Prepared by:



A handwritten signature in black ink that reads 'Matt Nesbit'.

Matt Nesbit, P.E.
Geotechnical Engineer II



Raphael Mohamed, P.E.
Registered KY 24429

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

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

Project Summary

Item	Description
Project Description	A geotechnical exploration and report have been prepared for this proposed 255-foot guyed tower with 10-foot lighting arrestor. Included in this report are the results of the field exploration and the recommendations for the design of the foundation system.
Site Coordinates	Latitude: 36.985580 Longitude: -84.891529
Site Condition	The proposed tower will be installed at KY Highway 96 in Nancy, Kentucky.
Frost Depth	Based on the TIA Standard (TIA-222-H), dated October 2017, the recommended design frost penetration depth to be used for Pulaski County, KY is 30 inches (2.5 ft).
Groundwater	Groundwater was not encountered at the time of drilling. Please note that subsurface water levels will fluctuate with seasonal and cyclical temperatures and precipitation and can be higher or lower at other times.
Proposed Foundation	We assume the proposed foundation will be supported with either pad and pier or drilled shaft (caisson).

Field Exploration

Item	Description
Date	January 6 th , 2026
Number of Borings	4
Location	B-1: Tower Center (Latitude: 36.985580 Longitude: -84.891529). Borings B-2 through B-4 at location of anchors.
Equipment Used	CME 45
Advancement Method	Hollow Stem Auger (HSA) and Rock Coring
Sampling Method	ASTM D-1586 with 1.5 I.D. Split Spoon Sampler ASTM D2113 Standard Practice for Rock Core Drilling and Sampling of Rock for Site Exploration

Laboratory Classification and Testing

Standard	Description
ASTM D2488	Standard Practice for Description and Identification of Soils

Subsurface Profile

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

Material Encountered	Approximate Depth to Bottom of Stratum	Description	Consistency / Density
CLAY	10	Brown and red sandy lean clay	Medium Stiff to Hard
PWR	15	Partially Weathered Rock sampled as limestone	--
ROCK	20.5	Highly fractured and moderately to highly weathered limestone with thin interbeds of shale.	--

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

Groundwater was not encountered at the time of drilling. Groundwater levels will fluctuate with seasonal and climatic changes and may be different at other times.

Earthwork Recommendations – Equipment Mat

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

Site Preparation

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

Fill Material Types

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

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

Fill Compaction Requirements

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

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

Excavations

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

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

Slopes

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

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

Highly Plastic Soils

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

Earthwork Construction Considerations

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

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

Foundations Recommendations

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

Ultimate Strength Parameters

Boring #	Depth (ft)	Unified Soil Classification	Total Unit Weight (pcf)	Friction Angle (degrees)	Cohesion (psf)
B-1	0.0 – 2.0	CL	105	--	500
	2.0 – 4.0	CL	115	--	2,400
	4.0 – 6.0	CL	115	--	1,800
	6.0 – 8.0	CL	115	--	1,800
	8.0 – 10.0	CL	115	--	1,600
	10.0 – 15.5	PWR	130	38	--
	15.5 – 20.5	ROCK	145	45	--
B-2	0.0 – 2.0	CL	105	--	600
	2.0 – 4.0	CL	105	--	500
	4.0 – 6.0	CL	115	--	2,200
	6.0 – 8.0	CL	115	--	4,700
	8.0 – 12.5	CL	105	--	700
B-3	0.0 – 2.0	CL	105	--	800
	2.0 – 4.0	CL	115	--	1,600
	4.0 – 6.0	CL	115	--	1,000
	6.0 – 8.0	CL	115	--	1,900
	8.0 – 11.5	SC	130	32	--

Boring #	Depth (ft)	Unified Soil Classification	Total Unit Weight (pcf)	Friction Angle (degrees)	Cohesion (psf)
B-4	0.0 – 2.0	CL	105	--	800
	2.0 – 4.0	CL	115	--	1,500
	4.0 – 6.0	CL	115	--	2,100
	6.0 – 8.0	CL	115	--	2,100
	8.0 – 11.3	CH	115	--	1,100

1. Groundwater was not encountered at the time of drilling. Utilize bouyon unit weight below this depth

Based on the subsurface conditions and typical design foundation loads for similar guyed towers, we recommend that either a caisson (drilled shaft) or a pad/pier be used to support the new tower.

Modulus of Subgrade Reaction

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

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

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

Where:

q_a = Allowable Bearing Capacity (ksf)

SF = Safety Factor

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

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

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

Caisson (Drilled Shaft)

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

Caisson (Drilled Shaft) Parameters

Depth (ft)	Net Ultimate Tip Bearing Capacity (ksf)	Ultimate Skin Friction ¹ (ksf)		Lateral Modulus (pci)	ε ₅₀ (in/in)
		Compressive	Uplift		
0.0 – 2.0	--	--	--	--	--
2.0 – 4.0	--	1.2	1.2	1,000	0.005
4.0 – 6.0	--	0.9	0.9	1,000	0.005
6.0 – 8.0	--	0.9	0.9	1,000	0.005
8.0 – 10.0	14	0.8	0.8	1,000	0.005
10.0 – 15.0	40	0.8	0.8	225	--
15.0 – 20.5	40	1.4	1.4	225	--

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

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

The excavations may be susceptible to caving. Drilling fluid or casing could be used to assist in keeping the drilled hole open. If casing is used, we recommend it be removed from the excavation as concrete is being placed. Continuous vibration or other approved methods should be used during

casing withdrawal to reduce the potential for void-space formation within the concrete. If water is present during concrete placement and/or drilling fluids are used to maintain hole stability, concrete should be pumped or otherwise discharged to the bottom of the hole via a hose or tremie pipe. The end of the hose or tremie pipe must remain below the top surface of any water, drilling fluid and the in-place concrete at all times. Additionally, concrete should be consolidated using vibration methods over the entire length and width of the caissons and the consolidation should be performed only after these fluids are removed and to the extent possible.

Pad & Pier / Single Mat Foundation

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

Net Ultimate Bearing Capacity and Sliding Friction Factor

Depth² (ft)	Net Ultimate Bearing Capacity¹ (psf)	Sliding Friction Factor¹
0.0 – 2.5	--	--
2.5 – 8.0	11,000	0.30
8.0 – 15.0	11,000	0.30

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

Ultimate Passive Pressure and Friction Factor

Boring #	Depth (ft)	Ultimate Passive Pressure¹ (psf)¹
B-1	0.0 – 2.0	0 – 400
	2.0 – 4.0	400 – 800
	4.0 – 8.0	800 – 1,600
	8.0 – 12.0	1,600 – 2,400
	12.0 – 20.0	2,400 – 4,000

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

Anchor Blocks

Concrete gravity blocks achieve resistance against the applied loads through the weight of the concrete in the blocks, the weight of the soil above the blocks, skin friction between the block and surrounding soil, and passive pressures developed in the soil. For these calculations we recommend the following values be used:

Ultimate Passive Pressure and Friction Factor

Boring #	Depth (ft)	Ultimate Passive Pressure (psf)	Sliding Friction Factor
B-2 (Anchor)	0.0 – 2.0	0 – 400	0.30
	2.0 – 4.0	400 – 800	
	4.0 – 8.0	800 – 1,600	
	8.0 – 12.0	1,600 – 2,400	
	12.0 – 20.0	2,400 – 4,000	

Boring #	Depth (ft)	Ultimate Passive Pressure (psf)	Sliding Friction Factor
B-3 (Anchor)	0.0 – 2.0	0 – 400	0.30
	2.0 – 4.0	400 – 800	
	4.0 – 8.0	800 – 1,600	
	8.0 – 12.0	1,600 – 2,400	
	12.0 – 20.0	2,400 – 4,000	
B-4 (Anchor)	0.0 – 2.0	0 – 400	0.30
	2.0 – 4.0	400 – 800	
	4.0 – 8.0	800 – 1,600	
	8.0 – 12.0	1,600 – 2,400	
	12.0 – 20.0	2,400 – 4,000	

Seismic Parameters

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

Seismic Site Classification

Item	Seismic Parameter
2018 International Building Code Seismic Site Classification	D ¹
Design Spectral Response Acceleration Parameters	S _{ds} = 0.203g S _{d1} = 0.151g

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

Soil Resistivity

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

Soil Resistivity Testing Results

Boring	Sample Depth (ft)	Resistivity (Ohm-cm)
B-1	1.5 – 3.0	44,000

LIMITATIONS OF REPORT

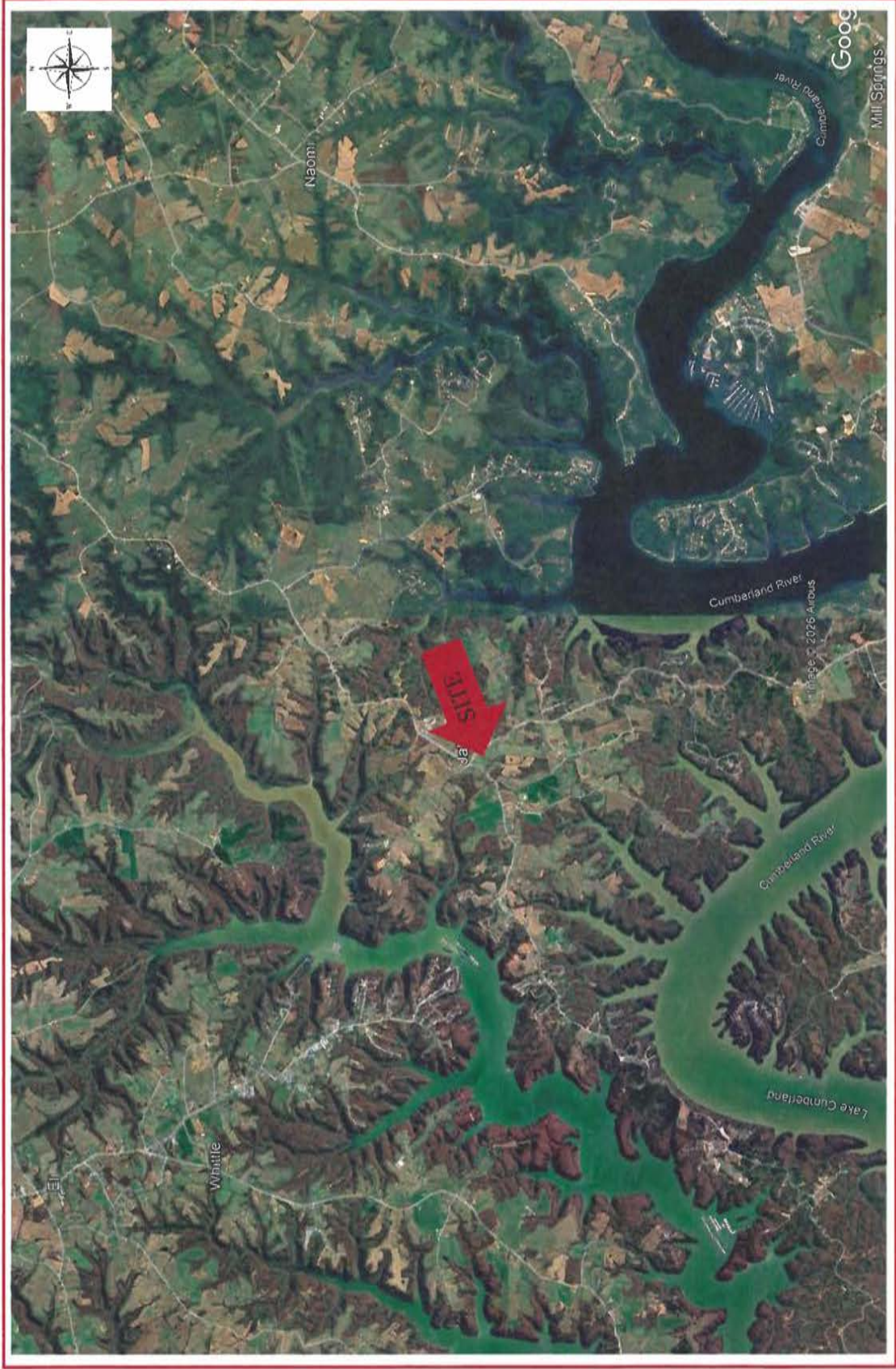
This report has been prepared in accordance with generally accepted geotechnical engineering practices for the specific application of this project. The conclusions in this report are based on the applicable standards of our practice in this geographic area at the time this report was prepared. No other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

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

APPENDIX A
LOCATION INFORMATION

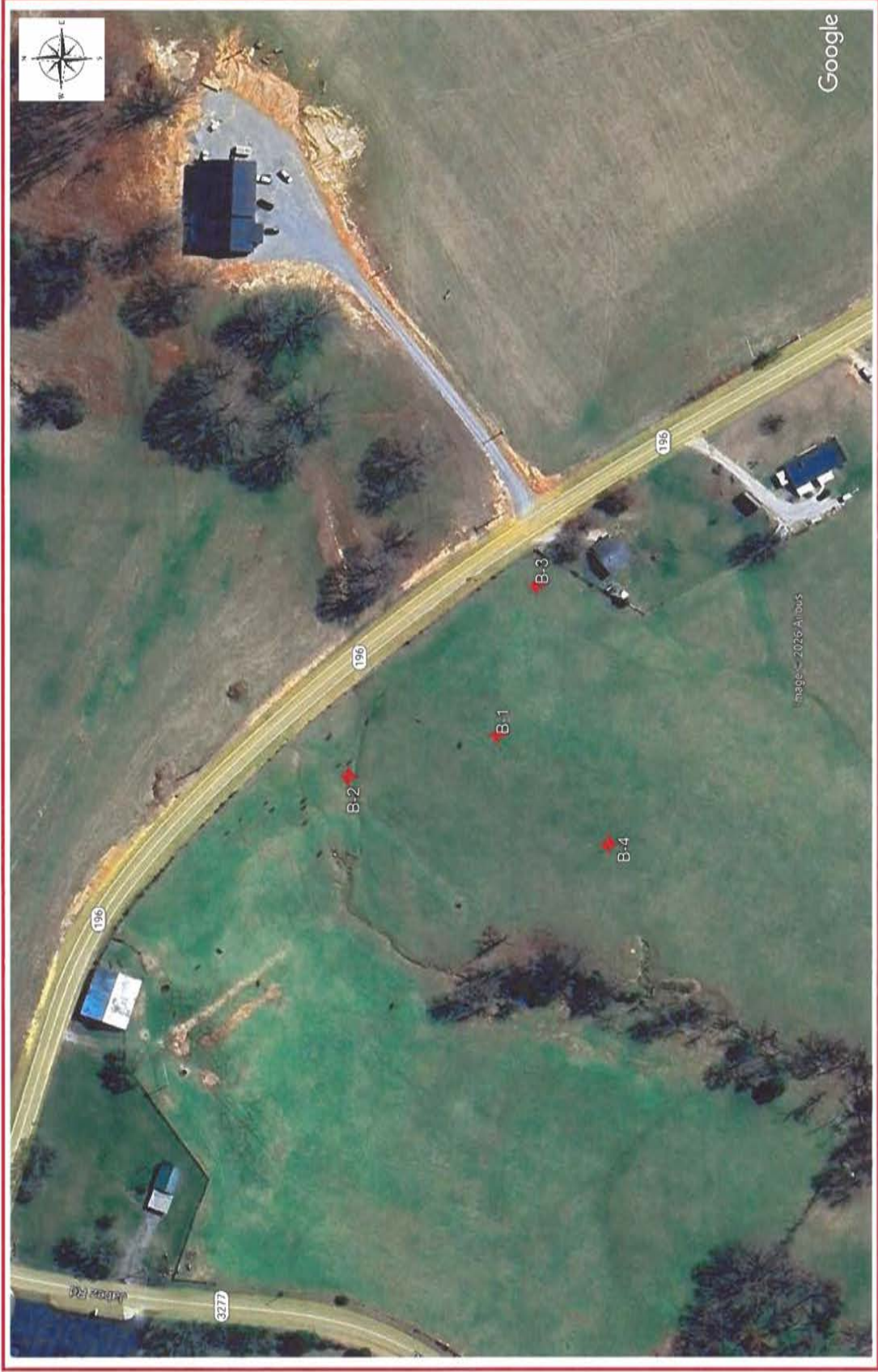


SITE LOCATION PLAN
CK JABEZ (KY-4128)
Job Number: 25142527





BORING LOCATION PLAN
CK JABEZ (KY-4128)
Job Number: 25142527



SITE PHOTO
CK JABEZ (KY-4128)
Job Number: 25142527



APPENDIX B
SOIL TEST BORING



CLIENT APC Towers **PROJECT NAME** CK Jabez
PROJECT NUMBER 25142527 **PROJECT LOCATION** KY Highway 96, Nancy, KY 42602
DATE 1/6/2026 **COORDINATES** 36.98558, -84.891529
DRILLING METHOD Hollow Stem Auger (HSA) and Rock Coring **GROUND WATER LEVELS:**
DRILLING EQUIPMENT CME 550 **AT TIME OF DRILLING** --- Not Encountered
LOGGED BY M. Nesbit **AT END OF DRILLING** --- Not Encountered
NOTES **AFTER DRILLING** --- Not Encountered

ETS - BORING W/ROCK CORING 2 - ETS DATABASE JUN30.GDT - 1/12/26 14:44 - R:2025\142527_CK_JABEZ\GE\5132_GEOTECH\REPORT\CK_JABEZ.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)
0					
		SANDY LEAN CLAY (CL) , brown and red, moist, medium stiff.	SS 1		3-2-3 (5)
		SANDY LEAN CLAY (CL) , brown and red, moist, very stiff.	SS 2		6-10-14 (24)
5			SS 3		5-8-10 (18)
			SS 4		5-9-9 (18)
10			SS 5		4-6-10 (16)
		PARTIALLY WEATHERED ROCK (PWR) , , Sampled as weathered limestone.	SS 6		50/1"
15					
		LIMESTONE , Highly fractured and moderately to highly weathered limestone with thin interbeds of shale..	RC RC-1	77	(47)
20					

Bottom of Borehole at 20.5 feet.



CLIENT APC Towers **PROJECT NAME** CK Jabez
PROJECT NUMBER 25142527 **PROJECT LOCATION** KY Highway 96, Nancy, KY 42602
DATE 1/6/2026 **COORDINATES** 36.986044, -84.891687
DRILLING METHOD Hollow Stem Auger (HSA) **GROUND WATER LEVELS:**
DRILLING EQUIPMENT CME 550 **AT TIME OF DRILLING** --- Not Encountered
LOGGED BY M. Nesbit **AT END OF DRILLING** --- Not Encountered
NOTES **AFTER DRILLING** --- Not Encountered

ETS - BORING WIROCK CORING 2 - ETS DATABASE JUN30.GDT - 1/12/26 14.44 - R:\2025\142527 CK JABEZ\GEI5132 GEOTECHREPORT\CK JABEZ.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)
0					
		SANDY LEAN CLAY (CL) , brown and red, moist, medium stiff.	SS 1		3-3-3 (6)
			SS 2		2-3-2 (5)
		SANDY LEAN CLAY (CL) , brown and red, moist, very stiff to hard.			
5			SS 3		4-7-15 (22)
			SS 4		9-22-25 (47)
		SANDY LEAN CLAY (CL) , brown and red, moist, medium stiff.			
10			SS 5		4-4-3 (7)

Auger Refusal at 12.5 feet.



CLIENT APC Towers PROJECT NAME CK Jabez
 PROJECT NUMBER 25142527 PROJECT LOCATION KY Highway 96, Nancy, KY 42602
 DATE 1/6/2026 COORDINATES 36.985458, -84.89095
 DRILLING METHOD Hollow Stem Auger (HSA) GROUND WATER LEVELS:
 DRILLING EQUIPMENT CME 550 AT TIME OF DRILLING --- Not Encountered
 LOGGED BY M. Nesbit AT END OF DRILLING --- Not Encountered
 NOTES _____ AFTER DRILLING --- Not Encountered

ETS - BORING WIROCK CORING 2 - ETS DATABASE JUN30.GDT - 1/12/26 14.44 - R:\2025\142527_CK_JABEZ\G15132_GEOTECHREPORT\CK_JABEZ.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)
0					
		SANDY LEAN CLAY (CL) , brown and red, moist, stiff to very stiff.	SS 1		3-3-5 (8)
			SS 2		4-7-9 (16)
5			SS 3		3-4-6 (10)
			SS 4		5-7-12 (19)
10			SS 5		7-28-30 (58)
		CLAYEY SAND (SC) , gray, dry, very dense, with rock fragments.			
		Auger Refusal at 11.5 feet.			

KY01428 | CK JABEZ - Directions to WCF Site

From the Russell County Clerk, leave from Lewis Aly, turn left onto S Main St / KY 92. At the roundabout take the second exit onto N Main St / US 127 N. Follow N Main St / US 127 N, turn right onto Cumberland Parkway E. Follow Cumberland Parkway E toward Nancy. Take exit 78 on the right onto W Highway 80 / KY 80 toward Nancy. Turn right onto W Highway 80 / KY 80 toward Nancy. Turn right onto Faubush Rd / KY 3262. Follow Faubush Rd / KY 3262. Turn right onto Highway 196 / KY 196, follow Highway 196 / KY 196. Turn left onto Highway 196 / KY 196, arrive at the sight on the right.

OPTION FOR EASEMENT AGREEMENT

THIS OPTION FOR EASEMENT AGREEMENT ("**Agreement**") is made as of October 9, 2025 ("**Effective Date**"), by and between HERBERT MCGOWAN AND WANDA MCGOWAN, husband and wife, whose mailing address is 294 McGowan Lane, Nancy, KY 42544 ("**Grantor**") and APC TOWERS IV, LLC, a Delaware limited liability company whose mailing address is 8601 Six Forks Road, Suite 250, Raleigh, NC 27615, Attention: Daniel C. Agresta III, President & CEO, Site Number: KY-4128 ("**Grantee**"). All references hereafter to Grantee and Grantor shall include their respective heirs, successors and assigns (Grantee and Grantor, collectively, "**Parties**").

RECITALS

A. Grantor is the owner of certain real property located at 33 Hwy 3277, Albany, KY 42602, as more particularly described on **Exhibit A** attached hereto and incorporated herein by reference (the "**Grantor's Property**").

B. Grantor desires to grant to Grantee, and Grantee desires to obtain from Grantor an option to acquire easements granting Grantee the right to use a portion of Grantor's Property for purpose of constructing, operating, maintaining, repairing, replacing and removing a communications tower and for certain other related activities as set forth herein.

NOW THEREFORE, for and in consideration of the covenants and agreements herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. **Option for Easement.** In consideration of the sum of [REDACTED] (the "**Option Fee**"), to be paid by Grantee to Grantor upon full execution of this Agreement, Grantor grants to Grantee for a term of Twelve (12) months (the "**Option Period**") an exclusive and irrevocable option to acquire (i) an exclusive fifty (50)-year easement (the "**Communication Easement**") in, to, under and over the portion of the Grantor's Property substantially as shown and described on **Exhibit B** for the transmission and reception of any and all wireless communication signals and the construction, maintenance, repair, replacement, improvement, operation and removal of towers, antennas, buildings, fences, gates and related facilities for Grantee's use and that of Grantee's subtenants, licensees and customers (collectively, "**Facilities**") and any related activities and uses including those necessary for Grantee to comply with any obligations arising under any agreements with wireless communications providers together with the right to enter Grantor's Property at any time, day or night, as may be required in connection with the foregoing activities and use; (ii) non-exclusive easements in and to the Communication Easement over a portion of Grantor's Property described on **Exhibit B** hereto (the "**Access Easement**" and "**Utility Easement**"), for the access and utilities; and (iii) non-exclusive easements in and to Grantor's Property for the development, installation, repair, replacement, improvement, maintenance and removal of guy wires and anchors, as applicable over a portion of Grantor's Property also described on **Exhibit B** hereto (collectively, the "**Guy Wire Easement**") respectively, on the terms and conditions set forth herein below (the "**Option**"). As used herein "**Easements**" means collectively the Communication Easement, Access Easement, Utility Easement and the Guy Wire Easement, if applicable. Grantee has the right to extend the Option for two (2) additional terms of twelve (12) months each (each an "**Extended Option Period**"). The Option will automatically be extended for each Extended Option Period unless Grantee provides Grantor written notice of its intent not to extend the Option. Grantee will pay Grantor an additional payment (the "**Additional Option Fee**") of [REDACTED] within thirty (30) days of the commencement of the each Extended Option Period. In the event that Grantee exercises the Option, Grantee will pay a one-time lump sum payment to Grantor in the amount of [REDACTED]

(the "**Easement Fee**") reduced by the amount of the Option Fee and any Additional Option Fee paid by Grantee to Grantor and adjusted for the prorations and adjustments in accordance with Section 6.

2. **Feasibility Studies.** Upon prior notification to Grantor, during the Option Period and any Extended Option Period, Grantee and its agents, engineers, surveyors and other representatives will have the right to enter upon the Grantor's Property to inspect, examine, conduct soil, drainage and precolation testing, material sampling, and other geological or engineering tests, studies or surveys of Grantor's Property (collectively, the "**Tests**"), to conduct title examinations and lien searches of Grantor's Property, to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Grantee's sole discretion for its use of the Easements for the Facilities including, without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively, the "**Government Approvals**"), initiate the ordering and/or scheduling of necessary utilities, and otherwise to do those things on or off the Grantor's Property that, in the opinion of Grantee, are necessary in Grantee's sole discretion to determine the physical condition of the Grantor's Property, the environmental history of the Grantor's Property, Grantor's title to the Grantor's Property and the feasibility or suitability of the Grantor's Property for Grantee's permitted use, all at Grantee's expense. Grantee shall prepare, at Grantee's expense, for review and approval by Grantor, which approval shall not be unreasonably withheld, conditioned or delayed, a boundary or similar survey of the Easements (the "**Survey**") from a surveyor licensed under the laws of the state in which Grantor's Property is located. The Survey will include legal descriptions for all of the Easements and such descriptions, after approval by Grantor, will replace any sketch or depiction of the Easements and be used on the final Easement Agreement to be executed by the Parties. Grantor agrees to cooperate with Grantee in obtaining the Government Approvals, at Grantee's expense but for no additional consideration payable to Grantor. Grantor hereby irrevocably appoints Grantee or Grantee's agent as Grantor's agent to file applications on behalf of Grantor with federal, state and local governmental authorities which applications relate to Grantee's use of Grantor's Property and the Easements including but not limited to land use and zoning applications. Grantee will not be liable to Grantor or any third party on account of any pre-existing defect or condition on or with respect to the Grantor's Property, whether or not such defect or condition is disclosed by Grantee's inspection. No such inspections, investigations or examinations shall unreasonably interfere with Grantor's use of Grantor's Property.

3. **Grantor's Cooperation.** Grantor shall furnish to Grantee, within five (5) business days of Grantee's reasonable request, all reports, documents, records, and information, including electronic copies thereof, that Grantor has in its possession or can obtain without unreasonable effort or expense, to permit Grantee to perform the due diligence investigations described in Section 2 above with respect to Grantor's Property. In addition, upon Grantee's exercise of the Option, Grantor agrees to execute and deliver to Grantee all documents reasonably requested by Grantee and Grantee's national title insurance company (the "**Title Company**") as further described in Section 6 below and, upon Grantee's written request, remove liens and encumbrances disclosed by Grantee's title examination that Grantee reasonably believes will adversely affects the Easements and Grantee's use thereof.

4. **Representations, Warranties and Covenants of Grantor.** As a material inducement to Grantee to enter into this Agreement and to consummate the transactions contemplated herein, Grantor represents and warrants the following for the benefit of Grantee and Grantee's permitted assigns, each of which are true and correct at the execution of this Agreement by Grantor and will be true and correct at the signing of the Easement Agreement contemplated by this Agreement and from which Grantor shall not be relieved by any investigation made by or on behalf of Grantee:

- (a) Grantor possesses good and marketable fee simple title in and to Grantor's Property free and clear of all liens, claims, encumbrances, restrictions and reservations except for current state and county ad valorem real property or personal property taxes not due and payable, (ii) easements

for the maintenance of public utilities that do not adversely affect Grantee's intended use of the Easements and (iii) any mortgage, deed of trust or similar instrument.

- (b) Grantor has neither received notice nor are there (i) any suits, judgments or violations relating to Grantor's Property of any zoning, building, fire, health, pollution, environmental protection or waste disposal or other governmental ordinance, code, law or regulation; (ii) any pending or, to Grantor's knowledge, contemplated proceedings or public improvements which could or might result in the levy of any special tax or assessment against Grantor's Property; (iii) litigation or proceedings of any type pending or, to Grantor's knowledge, threatened against or relating to Grantor or Grantor's Property, including, but not limited to, condemnation or eminent domain proceedings; and (iv) plans for special assessments or liens or for the widening, change in grade or limitation on use of streets or roads abutting Grantor's Property or for a change in the zoning or master plan for Grantor's Property.
- (c) There are no existing options, leases or agreements to lease, either oral or written, regarding Grantor's Property affecting the Easements, nor are there any persons in possession or occupancy of the area of the Easements or any part thereof nor are there any persons who have possessory rights in respect to the areas of the Easements or any part thereof except for Grantor. No part of Grantors' Property that will be subject to the Easements is subject to a right of first refusal, option or other right which Grantor or one of its predecessors may have granted to other persons or parties, whether oral or written.
- (d) The operation of Grantor's Property has met, in all material respects, the applicable laws and regulations of all federal, state, and local government authorities having jurisdiction, including, without limitation, all requirements pursuant to environmental protection, health, or safety laws and regulations. Grantor further represents that it has not permitted or engaged in the use of, and has no knowledge of, any substance, chemical or waste (collectively "**Hazardous Substance**") located on, under or about Grantor's Property that is identified as hazardous, toxic or dangerous in any applicable federal, state or local law or regulation. No underground storage tanks for petroleum or any other Hazardous Substance, or underground piping or conduits, are or have previously been located on Grantor's Property, and no asbestos-containing insulation or products containing PCB or other Hazardous Substances have been placed anywhere on Grantor's Property by Grantor or, to Grantor's knowledge, by any prior owner or user of Grantor's Property.
- (e) Grantor has full power, authority and legal right to execute, deliver and carry out Grantor's obligations under this Agreement and under all documents to be executed in connection herewith without the consent or joinder of any other person or entity; the execution, delivery, and performance of this Agreement and the transactions contemplated herein shall not violate or breach the terms, conditions or provisions of or cause a default under any agreement, order or decree to which Grantor is a party; and the persons signing this Agreement has full power and authority to bind Grantor and to execute and perform this Agreement.

5. **Exercise of Option.** During the Option Period or any Extended Option Period, Grantee may exercise the Option by notifying Grantor in writing (the "**Exercise Notice**"). If Grantee exercises the Option then Grantor will grant the Easements to the Grantee subject to the terms and conditions of the preapproved Easement Agreement attached hereto as **Exhibit C** and the Parties will complete the transactions contemplated by this Agreement pursuant to the procedures set forth in Section 6 below. If Grantee does not exercise the Option, this Agreement will terminate and the Parties will have no further liability to each other except that Grantee will restore Grantor's Property to its condition as it existed at the commencement of the Option Period, reasonable wear and tear and casualty not caused by Grantee

excepted, and shall indemnify, defend and hold Grantor harmless from and against any and all injury, loss, damage or claims arising directly out of the Tests and any activity Grantee conducted on Grantor's Property during the Option Period or any Extended Option Period. Grantor shall make all claims for indemnification under this Section 5 within one (1) year of expiration or termination of the Option and be deemed to have waived any such claim not made within the one (1)-year period.

6. **Delivery of Easement Agreement; Easement Fee and Possession.** If Grantee exercises the Option by delivering the Exercise Notice to Grantor, Grantee and Grantor shall execute the Easement Agreement and finalize the easement transaction within fifteen (15) business days of Grantor's receipt of the Exercise Notice (the "**Closing Date**"). The Parties intend to exchange the Easement Agreement, other executed documents identified below and the Easement Fee through escrow with counsel for Grantee or Grantor or with the Title Company, with the "closing" of the easement transaction to be conducted by telephone. Grantor shall execute and/or deliver to Grantee such normal transaction documents and other materials as may reasonably be required by the Grantee or the Title Company including the following: (i) three (3) originals of the executed Easement Agreement, subject to modification to (a) include the legal descriptions of the Easements prepared from the Survey and (b) comply with the laws, rules and regulations of the state or municipal governmental unit in which Grantor's Property is located, (ii) a certificate stating that the Grantor is not a "foreign person" as defined in the federal Foreign Investment in Real Land Tax Act of 1980, and the 1984 Tax Reform Act, as amended, in a form reasonably acceptable to Grantee, (iii) any reasonable and customary affidavits required by, and satisfactory to, the Title Company, including a standard mechanics' and material men's lien affidavit in the form required by the Title Company so that an easement owner's title insurance policy may be issued free and clear of the standard exceptions which a title company is permitted to remove or modify upon delivery of such affidavits, (iv) documents evidencing that each of the persons executing and delivering the Easement Agreement and related documents on behalf of Grantor has the authority to execute and deliver such documents, (v) a non-disturbance and attornment agreement in favor of Grantee for any mortgage, deed of trust or similar document encumbering Grantor's Property, (vi) releases for monetary liens encumbering Grantor's Property, and (vii) a statement certifying that the representations made by Grantor in Section 4 are true and correct on the date the Easement is signed. Grantee shall sign three (3) originals of the executed Easement Agreement, any other documents required by the Title Company and pay the Easement Fee into escrow on the Closing Date. Grantee may take possession of the Easements upon completion of the transactions described in this Section 6.

7. **Transaction Costs.** Grantee shall pay for the preparation and recording of the Easement Agreement, all fees payable to the Title Company for the services requested by Grantee, its own counsel fees, and any brokerage commissions due by Grantee in connection with this transaction. Grantor shall pay any real estate excise or transfer taxes due in connection with the Easement Agreement, the costs associated with the release of any mortgages, liens or encumbrances against the Easements or Grantor's Property, its own counsel fees, and any brokerage commissions due by Grantor in connection with this transaction. The Parties will sign a settlement statement prepared by Grantee's counsel or the Title Company, and approved by Grantor, detailing the costs owed by each Party.

8. **Recording of Option for Easement.** Grantor and Grantee hereby agree, following the execution of this Agreement, to execute the Memorandum of Option, in substantially the form of **Exhibit D** attached hereto and incorporated herein by reference as modified to conform to the laws of the state in which the Grantor's Property is located. Grantee, at its sole expense, shall file the Memorandum of record in the county and state where the Grantor's Property is located.

9. **Non-competition.** From the Effective Date until the earlier to occur of (i) the termination of this Agreement and (ii) the signing of the Easement Agreement, Grantor shall not grant any interest in any portion of the Easements to any third party or grant any portion of Grantor's Property to a third party which intends to use Grantor's Property for telecommunications purposes or assign this Agreement to a

third party, without the prior written consent of Grantee in each instance, in Grantee's sole and absolute discretion.

10. **Broker/Grantor's Agent.** Grantor and Grantee each represent to the other that no real estate broker, commission agent or other person is entitled to any commission with respect to the transactions herein contemplated (collectively, "**Broker**"). Except with regard to a breach of Grantee's warranty set forth in this Section, Grantor hereby indemnifies and holds Grantee harmless from any loss, cost, damages and expenses arising out of a brokerage, commission, or fee due or alleged to be due in connection with this Agreement or the transactions contemplated hereby. Except with regard to a breach of Grantor's warranty set forth in this Section, Grantee hereby indemnifies and holds Grantor harmless from any loss, cost, damage and expense arising out of a brokerage commission or fee due or alleged to be due arising out of breach of Grantee's warranty set forth in this Section. The foregoing representations and warranties shall survive signing of the Easement Agreement.

11. **Remedies of Grantor.** In the event of Grantee's default under this Agreement, Grantor agrees to provide Grantee with written notice specifying the nature of such default. Grantee shall have 30 days from the date of receipt of said notice to cure said default. In the event Grantee does not cure such default within such 30 day period, and provided that Grantor has fully performed all of its obligations hereunder, then Grantor may terminate this Agreement and pursue the remedies set forth in the following paragraph of this Section.

Grantor and Grantor acknowledge that it would be extremely impracticable and difficult to ascertain the actual damages that would be suffered by Grantor if Grantee fails to exercise the Option (for any reason other than Grantor's breach of the terms hereof). Grantee and Grantor have carefully considered such damages and have agreed that the Option Fee and Additional Option Fee(s), collectively, is a reasonable estimate of such damage. If Grantor has performed its covenants and agreements hereunder, but Grantee has breached its covenants and agreements hereunder and has failed, refused or is unable to exercise the Option, then Grantor shall retain the Option Fee and Additional Option Fee paid as full and complete liquidated damages, and no party to this Agreement shall have any liability to any other party to this Agreement, and this Agreement shall, in its entirety, be deemed of no further force and effect.

12. **Remedies of Grantee.** Grantor and Grantee acknowledge and agree that the extent of damages in the event of the breach of any provision of this Agreement by Grantor would be difficult or impossible to ascertain, and that in such circumstance there will be available no adequate remedy at law in the event of any such breach. Therefore, if Grantor has breached any of its covenants and agreements under this Agreement or has otherwise failed, refused or is unable to consummate the transactions contemplated herein, then Grantee may, at its sole election: (i) terminate this Agreement and receive a full refund on any and all Option Fee and Additional Option Fee payments made to Grantor, (ii) obtain specific performance plus the cost of obtaining specific performance, including reasonably attorneys' fees, without the need of posting an bond, or (iii) pursue any or all of its remedies at law and equity, including, but not limited to, monetary damages.

13. **Notices.** All notices required to be given by any of the provisions of this Agreement, unless otherwise stated, shall be in writing and delivered in person or by a national overnight delivery service (and shall be effective when received, when refused or when the same cannot be delivered) to the appropriate party at the address set forth above in the Preamble (or such other address as has been designated in writing by either party hereto).

14. **Assignability/Binding Effect.** This Agreement may be assigned by Grantee to any party. Grantor may not assign its rights or obligations under this Agreement, except with the written consent of Grantee, which consent may be granted or withheld in Grantee's sole discretion. If Grantor does assign this Agreement to a third party with the permission of Grantee, Grantor shall cause any such assignee to assume

this Agreement and the obligations under this Agreement. This Agreement is binding upon and inures to the benefit of the parties' respective heirs, personal representatives, successors, and assigns.

15. **Severability.** If any provision of this Agreement is deemed unenforceable in whole or in part, such provision shall be limited to the extent necessary to render the same valid or shall be excised from this Agreement, as circumstances require, and this Agreement shall be construed as if such provision had been so limited or as if such provision had not been included herein, as the case may be.

16. **Entire Understanding and Amendment.** This Agreement constitutes the entire understanding between the parties with regard to the subject matter hereof and there are no representations, inducements, conditions, or other provisions other than those expressed herein. This Agreement may not be modified, amended, altered or changed in any respect except by written agreement and signed by the party to be charged.

17. **Applicable Law.** This Agreement shall be governed by and construed in accordance with the laws of the state or commonwealth where Grantor's Property is located without regard to that state's conflicts of laws principles.

18. **Attorney's Fees.** In the event of any dispute arising hereunder or a breach by a party, if litigation is commenced, the prevailing party shall be entitled to recover from the other party all costs and expenses incurred in connection with such litigation, including, but not limited to, reasonable attorneys' fees and costs.

19. **Counterparts.** This Agreement may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which when executed shall be deemed to be an original but all of which taken together shall constitute one and the same agreement.

(Signature Pages Follow)

**EXHIBIT A
TO OPTION FOR EASEMENT AGREEMENT**

LEGAL DESCRIPTION OF GRANTOR'S PROPERTY

A certain tract or parcel of land, lying and being in Russell County, Kentucky, and bounded and described as follows:

All corners or witness monuments referred to herein as iron pins are rebar 3/8" X 15" with a orange plastic cap marked L.S. 1253 except as otherwise noted all bearings are referenced to the Meridian of record in Deed Book 30, page 441, in the records of the Russell County Court Clerk's Office at Jamestown, KY.

BEGINNING at a set iron pin which said iron pin is located 25ft. south of center line of Ky. 0196, and said pin is located 25ft. east of center line of Cave Springs Road, thence with south side of Ky. #196 Road right of way, for seven calls as follows:

1. S 71 degrees 17' 45" E 241.96' to a set iron pin,
2. S 71 degrees 17' 44" E 35.29' to a set iron pin,
3. S 68 degrees 08' 57" E 57.84' to a set iron pin,
4. S 53 degrees 57' 24" E 136.35' to a set iron pin,
5. S 45 degrees 41' 18" E 73.56' to a set iron pin,
6. S 40 degrees 46' 48" E 212.11' to a set iron pin,
7. S 34 degrees 47' 36" E 116.17' to a set iron pin,

thence S 34 degrees 47' 37" E 150.00' to a set iron pin corner to Eldon Roberts, (73/560); thence leaving Ky. #196 Road right of way, with old fence line of Eldon Roberts, S 32 degrees 14' 21" W 140.99' to an iron pin, thence S 26 degrees 22' 36" E 378.07' to an iron pin corner to Mitchell Johnson, (N.O.R.); thence with old fence line of Mitchell Johnson, S 34 degrees 22' 11" W 721.58' to a set iron pin in old line of Joe Schoil, (N.O.R.); thence with old fence line, N 24 degrees 47' 22" W 759.21' to an iron pin; thence N 55 degrees 30' 48" W 225.79' to an iron pin; thence N 22 degrees 50' 42" E 16.91' to an iron pin; thence N 54 degrees 31' 53" W 320.17' to an iron pin on east side of Cave Spring Road right of way; thence with east side of Cave Springs Road right of way, for seven calls as follows:

1. N 52 degrees 05' 10" E 125.15' to a set iron pin,
2. N 43 degrees 57' 57" E 98.02' to a set iron pin,
3. N 31 degrees 06' 16" E 106.22' to a set iron pin,
4. N 14 degrees 48' 07" E 106.68' to a set iron pin,
5. N 07 degrees 26' 14" E 117.35' to a set iron pin,
6. N 08 degrees 40' 12" E 98.55' to a set iron pin,
7. N 13 degrees 43' 19" E 103.84' to the point of beginning, containing 21.4832 acres, being the same more or less, by survey of Bobby Hudson Land Surveying, dated 2-12-96.

Tax ID: 078-00-00-031.00

Being The Same Property Conveyed To Herbert McGowan And Wanda McGowan, Husband And Wife, Grantee, From Homer McGowan And Patricia McGowan, Husband And Wife; Thomas Linville And Helen Linville, Husband And Wife; John Winston McGowan, Single; John Dennis Hatfiled, Single; Vernon McGowan And Louise McGowan, Husband And Wife; Lester McGowan And Kathy McGowan, Husband And Wife; Rick Doom And Lois Ann Doom, Husband And Wife; And, Karen Hammons, Single, Grantor, By Warranty Deed Recorded 04/08/1996, In Book 154, Page 318, Of The Russell County Records.

**EXHIBIT B
TO OPTION FOR EASEMENT AGREEMENT**

DESCRIPTION OF EASEMENT



Notes:

1. This Exhibit may be replaced by a land survey and/or construction drawings of the Premises.
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.

EXHIBIT C
EASEMENT AGREEMENT
(Attached Hereto)

EASEMENT AGREEMENT

PREPARED BY
AND WHEN RECORDED RETURN TO:

Talicia C. Neal *Talicia C. Neal*
APC Towers IV, LLC
8601 Six Forks Road, Suite 250
Raleigh, NC 27615
(919) 324-1922

(Recorder's Use Above this Line)

STATE OF KENTUCKY

Premises Parcel No.: 078-00-00-031.00

COUNTY OF RUSSELL

THIS EASEMENT AGREEMENT ("*Agreement*") is made as of October 9, 2025 ("*Effective Date*"), by and between HERBERT MCGOWAN AND WANDA MCGOWAN, husband and wife, whose mailing address is 294 McGowan Lane, Nancy, KY 42544 ("*Grantor*") and APC TOWERS IV, LLC, a Delaware limited liability company whose mailing address is 8601 Six Forks Road, Suite 250, Raleigh, NC 27615, Attention: Daniel C. Agresta III, President & CEO, Site Number: KY-4128 ("*Grantee*"). All references hereafter to Grantee and Grantor shall include their respective heirs, successors and assigns (Grantee and Grantor, collectively, "*Parties*").

RECITALS

A. Grantor is the owner of certain real property located at 33 Hwy 3277, Albany, KY 42602, as more particularly described on **Exhibit A** attached hereto and incorporated herein by reference (the "*Grantor's Property*").

B. Grantor desires to grant to Grantee, and Grantee desires to obtain from Grantor easements granting Grantee the right to use a portion of Grantor's Property for purpose of constructing, operating,

maintaining, repairing, replacing and removing a communications tower and certain related rights as set forth herein.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which Grantor and Grantee agree as follows:

1. Grant of Easement.

(a) Grantor grants, bargains, sells, transfers and conveys to Grantee:

(1) an exclusive easement in, to, under and over the portion of Grantor's Property substantially as shown and described on **Exhibit B** ("**Communication Easement**") for the transmission and reception of any and all wireless communication signals and the construction, maintenance, repair, replacement, improvement, operation and removal of towers, antennas, buildings, fences, gates and related facilities (collectively, "**Facilities**") and any related activities and uses including those necessary for Grantee to comply with any obligations arising under any agreements with wireless service providers or other customers of Grantee, together with the right to enter Grantor's Property at any time, day or night, as may be required in connection with the foregoing activities and uses, and

(2) non-exclusive easements in, to, under and over portions of Grantor's Property substantially as shown and described on **Exhibit B** for (i) ingress and egress to and from the Communication Easement and a publicly dedicated roadway (the "**Access Easement**"); (ii) utilities providing service to the Communication Easement and the Facilities ("**Utility Easement**"), and any related activities and uses; and (iii) the development, installation, repair, replacement, improvement, maintenance and removal of guy wires and anchors ("**Guy Wire Easement**"). The Communication Easement, Access Easement, Utility Easement and Guy Wire Easement are collectively referred to as the "**Easements**".

(b) The Parties agree that the Communication Easement includes, without limitation, (i) the portion of Grantor's Property available for use by wireless service providers, if any, and (ii) the portion of Grantor's Property upon which any Facilities are located, if any on the Effective Date.

2. Use of Easements. Grantee may use the Easement for the uses described in Section 1 above. In addition, Grantee shall have the unrestricted right to lease, license, transfer or assign, in whole or in part, or permit the use of the Easements and/or its rights under this Agreement, by any third parties including communication service providers or tower owners or operators, and any lessee or licensee under any existing agreements and the affiliates, agents, contractors, invitees and employees of Grantee and/or Grantee's present or future lessees or licensees (collectively, "**Customers**").

3. Term. The term of this Agreement ("**Term**") is fifty (50) years, beginning on beginning on the Effective Date, and expiring as of midnight on the day prior to the fiftieth (50th) anniversary of the Effective Date.

4. Easement Fee. Grantee shall pay Grantor a one-time fee in the amount set forth on **Schedule 1** attached hereto and made a part hereof ("**Fee**"). The Fee is due and payable on the Fee Payment Date. The "**Fee Payment Date**" is the earlier of (i) the Effective Date or (ii) the date Grantor and Grantee finalize the transactions resulting in this Agreement pursuant to Section 6 of the Option for Easement Agreement dated October 9, 2025. Grantee's failure to remit payment for the Fee pursuant to this paragraph shall be deemed to be a default under this Agreement.

5. Termination. This Agreement may not be terminated by Grantor. In addition to other termination rights contained in this Agreement, this Agreement may be terminated by Grantee, upon 30 days' prior written notice to Grantor. Upon termination, Grantor and Grantee shall execute and record such documents reasonably required to terminate the Easements.

6. Improvements; Utilities. Grantee and its Customers, may, at their discretion and expense, construct such improvements in, to, under and over the Easements, consistent with the uses specified in Sections 1 and 2, all of which shall be deemed part of the Facilities. The Facilities shall remain the property of Grantee and its Customers, as applicable, and Grantor shall possess no right, title or interest therein. In the event that utilities necessary to serve the Facilities cannot be installed within the Easements, Grantor agrees to cooperate with Grantee and to act reasonably and in good faith in granting Grantee the right to locate such utilities on Grantor's Property without requiring the payment of additional fees. If necessary, Grantor shall, upon Grantee's request, execute and record a separate written easement with Grantee or with the utility company providing the utility service to reflect such right. Grantor agrees to cooperate with Grantee in obtaining, at Grantee's expense, all licenses and permits required for Grantee's and Grantee's Customers' use of the Easements and Grantor hereby irrevocably constitutes and appoints Grantee as its true and lawful attorney-in-fact, with full power of substitution and resubstitution, to apply for and obtain any and all licenses, permits, consents or approvals which may be required in connection with the use of the Easements by Grantee, in the name of Grantor or Grantee, as necessary to comply with applicable laws, statutes or regulations.

7. Taxes. Grantor shall pay, on or before the due date, all present and future real property taxes, transfer taxes, penalties, interest, roll-back or additional taxes, sales and use taxes and all other fees and assessments (the "**Taxes**") attributable to Grantor's Property, this Agreement, and the Easements regardless of the party to whom such Taxes are billed. Grantee shall reimburse Grantor in full for any property taxes assessed against Grantor but attributed to the Facilities within thirty (30) days of Grantor's request for such reimbursement, provided that such request is accompanied by documentation reasonably supporting such request. Within ten (10) days of receiving a request from Grantee, Grantor shall furnish to Grantee a copy of each bill for any such Taxes and evidence of Grantor's payment of such bill. If Grantor fails to pay any Taxes when due, Grantee shall have the right, but not the obligation, to pay such Taxes on behalf of Grantor. Grantor shall reimburse Grantee for the full amount of such Taxes paid by Grantee on Grantor's behalf within five (5) business days of Grantor's receipt of an invoice from Grantee.

8. Environmental Covenants and Indemnity. Grantor represents that it has not permitted or engaged in the use of, and has no knowledge of, any substance, chemical or waste (collectively "**Hazardous Substance**") located on, under or about Grantor's Property that is identified as hazardous, toxic or dangerous in any applicable federal, state or local law or regulation. No underground storage tanks for petroleum or any other Hazardous Substance, or underground piping or conduits, are or have previously been located on Grantor's Property, and no asbestos-containing insulation or products containing PCB or other Hazardous Substances have been placed anywhere on Grantor's Property by Grantor or, to Grantor's knowledge, by any prior owner or user of Grantor's Property. Neither Grantor nor Grantee will introduce or use any such Hazardous Substance on, under or about Grantor's Property in violation of any applicable law or regulation. Grantor and Grantee shall each defend, indemnify, protect and hold the other party harmless from and against all claims, costs, fines, judgments and liabilities, including attorney's fees and costs, arising out of or in connection with the presence, storage, use or disposal of any Hazardous Substance on, under or about Grantor's Property caused by the acts, omissions or negligence of the indemnifying party and their respective agents, contractors and employees. The foregoing indemnity shall survive any termination of this Agreement.

9. General Indemnity. In addition to the Environmental Indemnity set forth above, Grantor and Grantee each indemnify, defend and hold the other harmless against any and all costs (including reasonable

attorney's fees) and claims of liability or loss arising (i) due to the breach of any representation, warranty or covenant of such indemnifying party set forth herein; and (ii) out of the use and/or occupancy of Grantor's Property and Easements by the indemnifying party. This indemnity shall not apply to any claims to the extent arising from the gross negligence or intentional misconduct of the indemnified party.

10. Secured Parties. Grantee has the unrestricted right to assign, mortgage or grant a security interest in all of Grantee's interest in and to this Agreement and the Easements, and may assign this Agreement and the Easements to any such assignees, mortgagees or holders of security interests, including their successors and assigns ("Secured Party" or, collectively, "Secured Parties"), without the consent of Grantor. Grantor agrees to notify Grantee and Secured Parties simultaneously of any default by Grantee and give Secured Parties the same right to cure any default. If a termination, disaffirmation or rejection of this Agreement by Grantee shall occur, pursuant to any laws (including any bankruptcy or insolvency laws), or if Grantor shall terminate this Agreement for any reason, Grantor will notify Secured Parties promptly and Grantor shall enter into a new easement agreement with any such Secured Party upon the same terms of this Agreement, without requiring the payment of any additional fees. If any Secured Party shall succeed to Grantee's interest under this Agreement, such Secured Party shall have no liability for any defaults of Grantee accruing prior to the date that such Secured Party succeeds to such interest. Grantor will enter into modifications of this Agreement reasonably requested by any Secured Party. Grantor hereby waives any and all lien rights it may have, statutory or otherwise, in and to the Easements and/or the Facilities or any portion thereof. Grantor acknowledges that Secured Parties are third-party beneficiaries of this Agreement.

11. Assignment. Grantee may assign or transfer this Agreement and all or any part of the Easements without the prior consent of Grantor. Upon assignment, Grantee shall be relieved of all liabilities and obligations under this Agreement, provided that the recipient of such assignment agrees to be bound by the terms of this Agreement. Grantee shall also have the right to lease or sublet the Easement Premises without the prior consent of Grantor.

12. Casualty and Condemnation. If, prior to the expiration of the Term, all or any material portion of Grantor's Property is damaged or destroyed by fire or other casualty, or taken by governmental authority, Grantee may, in its sole discretion, terminate this Agreement upon written notice to Grantor. If Grantee does not elect to exercise its option to terminate this Agreement as aforesaid, this Agreement shall remain in full force and effect. In the event of any condemnation of the Easements in whole or in part, Grantee shall be entitled to file claims against the condemning authority for, and to receive the value of the portion of Grantor's Property so taken on which the Easements are located, business dislocation expenses and any other award or compensation to which Grantee may be legally entitled. Grantor hereby assigns to Grantee any such claims and agrees that any claims made by Grantor will not reduce the claims made by Grantee. Grantee shall be entitled to receive any insurance proceeds or condemnation award attributable to Grantee's personal property and its interest in this Agreement and the Easements throughout the term of this Agreement. Grantor shall not settle or compromise any insurance claim or condemnation award relating to the Easement without Grantee's prior written approval, which shall not be unreasonably withheld.

13. Covenant Running with the Land. The provisions of and covenants contained in this Agreement shall run with the land and shall bind and inure to the benefit of the Parties and their respective successors, heirs and assigns.

14. Dispute Resolution.

(a) If Grantee fails to perform any of its obligations under this Agreement, Grantor agrees to notify Grantee and any Secured Parties in writing, and to give Grantee and/or any Secured Parties the right to cure any such default within a period of not less than sixty (60) days from Grantee's receipt of the written default notice. If Grantee or any Secured Parties shall fail to cure any default in accordance with this Section, Grantor agrees that its sole remedy for such default shall be to utilize the process set

forth herein, and that any and all damages for which Grantor may be compensated is limited to the actual damages of Grantor, which shall in no event exceed the amount of consideration paid by Grantee for this Agreement. If any dispute or claim arises that could impair the use or possession of the Facilities by Grantee or its Customers, Grantee shall have the right to seek injunctive relief, without the necessity of posting a bond. In no event will a Secured Party have any obligation to cure a default by Grantee.

(b) Except as set forth in Section 14(a), in the event of any dispute arising out of this Agreement, the following dispute resolution process shall be followed: (1) upon a party's written notice of dispute to the other party, an authorized representative of the Grantor and Grantee shall, through a good faith negotiation, attempt to settle a written resolution within thirty (30) days and (2) if such negotiation attempts fail, the dispute may be submitted by either party to a court having jurisdiction over such dispute and shall be entitled to pursue any and all legal and equitable rights and remedies permitted by applicable law, subject to the terms of this Agreement.

15. Notices. All notices, requests, demands and other communications hereunder shall be in writing and shall be deemed given one (1) day after posting with a nationally recognized overnight courier service, or the earlier of receipt or ten (10) days after posting by registered or certified mail, return receipt requested, to the addresses of Grantor and Grantee set forth in the first paragraph of this Agreement. Either party may change its notice address by providing a new recipient name and address by notice as set forth in this paragraph.

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

17. Exclusivity. Grantor shall not grant any interest in any portion of the Easements to any third party nor grant any portion of Grantor's Property to a third party which intends to use Grantor's Property for telecommunications purposes, without the prior written consent of Grantee, in Grantee's sole and absolute discretion.

18. Miscellaneous. (a) This Agreement and all Exhibits attached hereto constitute the entire agreement and understanding of Grantor and Grantee with respect to the subject matter of this Agreement, and supersedes all offers, negotiations and any other written or verbal agreements, including the Option for Easement Agreement between Grantor and Grantee (except for the indemnity obligations relating to brokers which shall survive); (b) any amendments to this Agreement must be in writing and executed by both parties; (c) this Agreement is governed by the laws of the State in which Grantor's Property is located; (d) if any term of this Agreement is found to be void or invalid, such provision shall be fully severable herefrom and such

invalidity shall not affect the remaining terms of this Agreement, which shall continue in full force and effect, and this Agreement shall be reformed and construed as if such invalid provision had never been contained herein, and if possible, such provision shall be reformed to the maximum extent permitted under applicable law to render same valid, operative and enforceable to reflect the intent of the Parties as expressed herein; (e) the paragraph headings of this Agreement have been inserted for convenience of reference only, and shall in no way modify or restrict the terms of this Agreement; (f) Grantor acknowledges that Grantee has not provided any legal or tax advice to Grantor in connection with the execution of this instrument; and (g) this Agreement may be executed in any number of counterparts, each of which shall, when executed, be deemed to be an original and all of which shall be deemed to be one and the same instrument.

19. Maintenance and Access. Grantor agrees to be solely responsible for the maintenance of Grantor's Property. Grantor agrees to provide Grantee and its Customers access to and from the Easements consistent with the grant of the Easements set forth in Section 1 above, twenty-four (24) hours a day, seven (7) days a week.

20. Estoppel, Non-Disturbance and Attornment. Grantor agrees, from time to time, upon not less than 10 days prior written notice from Grantee, to execute and deliver to Grantee a written estoppel certificate certifying that as of the date of the certification: (i) this Agreement is a valid enforceable agreement, presently in full force and effect; (ii) whether Grantor has any knowledge of any default or breach by Grantee under any of the terms, conditions, or covenants of this Agreement; (iii) the Term (its commencement and termination dates) and the term of any option or renewal periods granted to Grantee to extend the Term; (iv) the amount of the then-current Fees payable under this Agreement; or with respect to the Easements under a separate agreement, (v) attached to the certification is a true and correct copy of the Agreement and all amendments thereto, (vi) and such other facts as Grantee or its prospective mortgagee or purchaser may request. Grantor shall obtain for Grantee from the holder of any mortgage and deed of trust now or hereafter encumbering Grantor's Property a subordination and non-disturbance agreement, providing that so long as Grantee is not in default under this Agreement, its rights as holder of the Easements hereunder shall not be terminated and its access to and possession of Grantor's Property shall not be disturbed by the mortgagee or trustee, or by any proceedings on the debt which any such mortgage or deed of trust secures, and that any sale at foreclosure shall be subject to this Agreement.

21. Recording. An original of this Agreement will be placed of record, at Grantee's cost, in the county and state where the Grantor's Property is located, after removing Schedule 1.

(Signature Pages Follow)

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the dates written below.

GRANTOR:

HERBERT MCGOWAN

By (Sign): Herbert McGowan

Name (Print): HERBERT MCGOWAN

Date: 10-28-2025

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

GRANTOR ACKNOWLEDGMENT

STATE OF Kentucky

COUNTY OF Russell

On the 28 day of October in the year 2025 before me, the undersigned, personally appeared Herbert McGowan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Melissa Voils
Melissa Voils, Notary Public

My Commission Expires: 1-7-2027



GRANTOR:

WANDA MCGOWAN

By (Sign): Wanda McGowan

Name (Print): Wanda McGowan

Date: 10-28-25

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

GRANTOR ACKNOWLEDGMENT

STATE OF Kentucky

COUNTY OF Russell

On the 28 day of October in the year 2025 before me, the undersigned, personally appeared Wanda McGowan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Melissa Voils
Melissa Voils, Notary Public

My Commission Expires: 10-7-2027



GRANTEE:

APC TOWERS IV, LLC,
a limited liability company

By: 

Name: Daniel C. Agresta III

Title: President & CEO

Date: 10/09/25

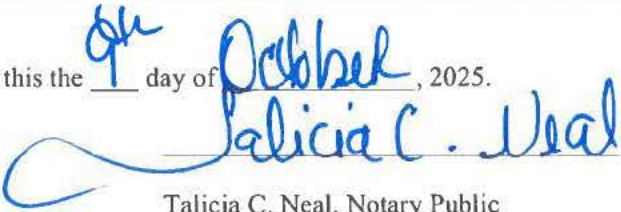
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

GRANTEE ACKNOWLEDGMENT

STATE OF NORTH CAROLINA

COUNTY OF WAKE

I, Talicia C. Neal, a Notary Public of Wake County, North Carolina, certify that Daniel C. Agresta III personally came before me this day and acknowledged that he is the President & CEO of APC TOWERS IV, LLC, and that he, as President & CEO, being authorized to do so, executed the foregoing on behalf of APC TOWERS IV, LLC.

Witness my hand and official seal this the 9th day of October, 2025.


Talicia C. Neal, Notary Public

My Commission Expires: April 12, 2028.



EXHIBIT A

LEGAL DESCRIPTION OF GRANTOR'S PROPERTY

A certain tract or parcel of land, lying and being in Russell County, Kentucky, and bounded and described as follows:

All corners or witness monuments referred to herein as iron pins are rebar 3/8" X 15" with a orange plastic cap marked L.S. 1253 except as otherwise noted all bearings are referenced to the Meridian of record in Deed Book 30, page 441, in the records of the Russell County Court Clerk's Office at Jamestown, KY.

BEGINNING at a set iron pin which said iron pin is located 25ft. south of center line of Ky. 0196, and said pin is located 25ft. east of center line of Cave Springs Road, thence with south side of Ky. #196 Road right of way, for seven calls as follows:

1. S 71 degrees 17' 45" E 241.96' to a set iron pin,
2. S 71 degrees 17' 44" E 35.29' to a set iron pin,
3. S 68 degrees 08' 57" E 57.84' to a set iron pin,
4. S 53 degrees 57' 24" E 136.35' to a set iron pin,
5. S 45 degrees 41' 18" E 73.56' to a set iron pin,
6. S 40 degrees 46' 48" E 212.11' to a set iron pin,
7. S 34 degrees 47' 36" E 116.17' to a set iron pin,

thence S 34 degrees 47' 37" E 150.00' to a set iron pin corner to Eldon Roberts, (73/560); thence leaving Ky. #196 Road right of way, with old fence line of Eldon Roberts, S 32 degrees 14' 21" W 140.99' to an iron pin, thence S 26 degrees 22' 36" E 378.07' to an iron pin corner to Mitchell Johnson, (N.O.R.); thence with old fence line of Mitchell Johnson, S 34 degrees 22' 11" W 721.58' to a set iron pin in old line of Joe Schoil, (N.O.R.); thence with old fence line, N 24 degrees 47' 22" W 759.21' to an iron pin; thence N 55 degrees 30' 48" W 225.79' to an iron pin; thence N 22 degrees 50' 42" E 16.91' to an iron pin; thence N 54 degrees 31' 53" W 320.17' to an iron pin on east side of Cave Spring Road right of way; thence with east side of Cave Springs Road right of way, for seven calls as follows:

1. N 52 degrees 05' 10" E 125.15' to a set iron pin,
2. N 43 degrees 57' 57" E 98.02' to a set iron pin,
3. N 31 degrees 06' 16" E 106.22' to a set iron pin,
4. N 14 degrees 48' 07" E 106.68' to a set iron pin,
5. N 07 degrees 26' 14" E 117.35' to a set iron pin,
6. N 08 degrees 40' 12" E 98.55' to a set iron pin,
7. N 13 degrees 43' 19" E 103.84' to the point of beginning, containing 21.4832 acres, being the same more or less, by survey of Bobby Hudson Land Surveying, dated 2-12-96.

Tax ID: 078-00-00-031.00

Being The Same Property Conveyed To Herbert McGowan And Wanda McGowan, Husband And Wife, Grantee, From Homer McGowan And Patricia McGowan, Husband And Wife; Thomas Linville And Helen Linville, Husband And Wife; John Winston McGowan, Single; John Dennis Hatfield, Single; Vernon McGowan And Louise McGowan, Husband And Wife; Lester McGowan And Kathy McGowan, Husband And Wife; Rick Doom And Lois Ann Doom, Husband And Wife; And, Karen Hammons, Single, Grantor, By Warranty Deed Recorded 04/08/1996, In Book 154, Page 318, Of The Russell County Records.

EXHIBIT B
DESCRIPTION OF EASEMENT



Notes:

1. This Exhibit may be replaced by a land survey and/or construction drawings of the Premises.
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.

SCHEDULE 1

EASEMENT FEE

A one-time payment of [REDACTED] reduced by the amount of the Option Fee and any Additional Option Fee paid by Grantee to Grantor and adjusted for the proration and adjustments in accordance with Section 6 of the Easement Option Agreement.

EXHIBIT D
MEMORANDUM OF OPTION FOR EASEMENT
(Attached Hereto)

MEMORANDUM OF OPTION FOR EASEMENT

PREPARED BY
AND WHEN RECORDED MAIL TO:

Talicia C. Neal 
APC Towers IV, LLC
8601 Six Forks Road, Suite 250
Raleigh, NC 27615
(919) 324-1922

(space above for Recorder's use only)

THIS MEMORANDUM OF OPTION FOR EASEMENT ("*Memorandum*"), is made as of October 9, 2025 ("*Effective Date*"), by and between HERBERT MCGOWAN AND WANDA MCGOWAN, husband and wife, whose mailing address is 294 McGowan Lane, Nancy, KY 42544 ("*Grantor*") and APC TOWERS IV, LLC, a Delaware limited liability company whose mailing address is 8601 Six Forks Road, Suite 250, Raleigh, NC 27615, Attention: Daniel C. Agresta III, President & CEO, Site Number: KY-4128 ("*Grantee*"), is a record of that certain Option for Easement Agreement ("*Agreement*") between Grantor and Grantee dated as of is made as of October 9, 2025, which Agreement contains, among other things, the following terms:

1. Description of Option. In the Agreement Grantor grants Grantee the exclusive option to obtain exclusive and non-exclusive easements pertaining to a portion of Grantor's certain real property (the "*Grantor's Property*"). Grantor's Property is described in Exhibit A attached to this Memorandum.
2. Option Term. The term of the option granted in the Agreement is twelve (12) months from the date of the Agreement, subject to Grantee's right to extend the option term for up to two (2) additional twelve (12)-month periods.

3. Easements. If Grantee exercises said option and acquires the Easements from Grantor, the terms and conditions of the granting of the Easements will be contained in an easement agreement, which will be duly recorded.

4. Ratification of Agreement. By this Memorandum, the parties intend to record a reference to the Agreement and do hereby ratify and confirm all of the terms and conditions of the Agreement and declare that the Easements are subject to all of the applicable provisions of the Agreement.

(Signature Pages Follow)

IN WITNESS WHEREOF, Grantor and Grantee have executed this Memorandum as of the dates written below.

GRANTOR:

HERBERT MCGOWAN

By (Sign): Herbert McGowan

Name (Print): HERBERT

Date: 10-28-25

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

GRANTOR ACKNOWLEDGMENT

STATE OF Kentucky

COUNTY OF Russell

On the 28 day of October in the year 2025 before me, the undersigned, personally appeared Herbert McGowan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Melissa Voils
Melissa Voils, Notary Public

My Commission Expires: 1-7-2027



GRANTOR:

WANDA MCGOWAN

By (Sign): Wanda McGowan

Name (Print): Wanda McGowan

Date: 10-28-25

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

GRANTOR ACKNOWLEDGMENT

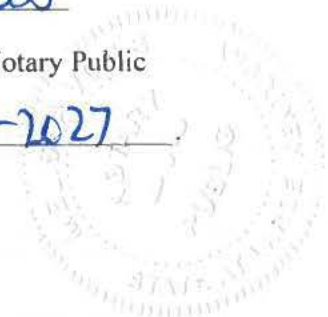
STATE OF Kentucky

COUNTY OF Russell

On the 28 day of October in the year 2025 before me, the undersigned, personally appeared Wanda McGowan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Melissa Voils
Melissa Voils, Notary Public

My Commission Expires: 1-7-2027



GRANTEE:

APC TOWERS IV, LLC,
a limited liability company

By: [Signature]

Name: Daniel C. Agresta III

Title: President & CEO

Date: 10/09/25

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

GRANTEE ACKNOWLEDGMENT

STATE OF NORTH CAROLINA

COUNTY OF WAKE

I, Talicia C. Neal, a Notary Public of Wake County, North Carolina, certify that Daniel C. Agresta III personally came before me this day and acknowledged that he is the President & CEO of APC TOWERS IV, LLC, and that he, as President & CEO, being authorized to do so, executed the foregoing on behalf of APC TOWERS IV, LLC.

Witness my hand and official seal this the 9 day of October, 2025.
[Signature]
Talicia C. Neal

Talicia C. Neal, Notary Public

My Commission Expires: April 12, 2028.



**EXHIBIT A
TO MEMORANDUM OF OPTION FOR EASEMENT**

LEGAL DESCRIPTION OF GRANTOR'S PROPERTY

A certain tract or parcel of land, lying and being in Russell County, Kentucky, and bounded and described as follows:

All corners or witness monuments referred to herein as iron pins are rebar 3/8" X 15" with a orange plastic cap marked L.S. 1253 except as otherwise noted all bearings are referenced to the Meridian of record in Deed Book 30, page 441, in the records of the Russell County Court Clerk's Office at Jamestown, KY.

BEGINNING at a set iron pin which said iron pin is located 25ft. south of center line of Ky. 0196, and said pin is located 25ft. east of center line of Cave Springs Road, thence with south side of Ky. #196 Road right of way, for seven calls as follows:

1. S 71 degrees 17' 45" E 241.96' to a set iron pin,
2. S 71 degrees 17' 44" E 35.29' to a set iron pin,
3. S 68 degrees 08' 57" E 57.84' to a set iron pin,
4. S 53 degrees 57' 24" E 136.35' to a set iron pin,
5. S 45 degrees 41' 18" E 73.56' to a set iron pin,
6. S 40 degrees 46' 48" E 212.11' to a set iron pin,
7. S 34 degrees 47' 36" E 116.17' to a set iron pin,

thence S 34 degrees 47' 37" E 150.00' to a set iron pin corner to Eldon Roberts, (73/560); thence leaving Ky. #196 Road right of way, with old fence line of Eldon Roberts, S 32 degrees 14' 21" W 140.99' to an iron pin, thence S 26 degrees 22' 36" E 378.07' to an iron pin corner to Mitchell Johnson, (N.O.R.); thence with old fence line of Mitchell Johnson, S 34 degrees 22' 11" W 721.58' to a set iron pin in old line of Joe Schoil, (N.O.R.); thence with old fence line, N 24 degrees 47' 22" W 759.21' to an iron pin; thence N 55 degrees 30' 48" W 225.79' to an iron pin; thence N 22 degrees 50' 42" E 16.91' to an iron pin; thence N 54 degrees 31' 53" W 320.17' to an iron pin on east side of Cave Spring Road right of way; thence with east side of Cave Springs Road right of way, for seven calls as follows:

1. N 52 degrees 05' 10" E 125.15' to a set iron pin,
2. N 43 degrees 57' 57" E 98.02' to a set iron pin,
3. N 31 degrees 06' 16" E 106.22' to a set iron pin,
4. N 14 degrees 48' 07" E 106.68' to a set iron pin,
5. N 07 degrees 26' 14" E 117.35' to a set iron pin,
6. N 08 degrees 40' 12" E 98.55' to a set iron pin,
7. N 13 degrees 43' 19" E 103.84' to the point of beginning, containing 21.4832 acres, being the same more or less, by survey of Bobby Hudson Land Surveying, dated 2-12-96.

Tax ID: 078-00-00-031.00

Being The Same Property Conveyed To Herbert McGowan And Wanda McGowan, Husband And Wife, Grantee, From Homer McGowan And Patricia McGowan, Husband And Wife; Thomas Linville And Helen Linville, Husband And Wife; John Winston McGowan, Single; John Dennis Hatfield, Single; Vernon McGowan And Louise McGowan, Husband And Wife; Lester McGowan And Kathy McGowan, Husband And Wife; Rick Doom And Lois Ann Doom, Husband And Wife; And, Karen Hammons, Single, Grantor, By Warranty Deed Recorded 04/08/1996, In Book 154, Page 318, Of The Russell County Records.



EXHIBIT B
TO MEMORANDUM OF OPTION FOR EASEMENT
DESCRIPTION OF EASEMENT



Notes:

1. This Exhibit may be replaced by a land survey and/or construction drawings of the Premises.
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.

PID	Name	Address	City	State	Zip	Screenshot
078-00-00-031.00	Herbert McGowan	294 McGowan Ln	Nancy	KY	42544	
077-00-00-047.00	Teddy & Teresa Harris	536 Red Oak Dr	Nancy	KY	42544	
077-00-00-045.00	Harris Grocery, LLC	681 Hwy 3277	Nancy	KY	42544	

077-00-00-044.00	Christian Home Church	32 Hwy 3277	Nancy	KY	42544
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Parcel Summary</p> <p>Map Number: 077-00-00-044.00 Account Number: 9922 (PID: 40113) (PID: 176A32) Location Address: 32 HWY 3277 Tax District: 00 Property Class: EDEMP PROPERTIES Description: 7.4416 ACRES & BUILDINGS Acres: 7.4416 Deed Information: N/A/N/A View Map</p> <p>Owner Information</p> <p>Current Owner: CHRISTIAN HOME CHURCH 32 HWY 3277 NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Commercial Improvement Information</p> <p>Historical PRC</p> </div> <div style="width: 45%; text-align: right;">  </div> </div>					
077-00-00-043.00	Joseph Galen & Sue Jasper	244 Hwy 3277	Nancy	KY	42544
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Parcel Summary</p> <p>Map Number: 077-00-00-043.00 Account Number: 86512 (PID: 395776) (PID: 170254) Location Address: HWY 196 Tax District: 00 Property Class: FARM Description: 77.43 (10.3 ACRES) Acres: 10.3 Deed Information: N/A/N/A View Map</p> <p>Owner Information</p> <p>Current Owner: JOSEPH GALEN & SUE 244 HWY 3277 NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Sales Information</p> </div> <div style="width: 45%; text-align: right;">  </div> </div>					

Parcel ID	Owner	Address	County	Parcel Summary	Map	Layers	
077-00-00-042.01	Julianne Jasper & Mark W Patterson	224 Hwy 3277	KY	42544	<p>Parcel Summary</p> <p>Map Number: 077-00-00-042.01 Account Number: 86514 (PID: 395778 (PID: 170258)) Location Address: 154 HWY 3277 Tax District: 00 Property Class: RESIDENTIAL Description: 77-42.01 (HOUSE & LOT (.4313 ACRE)) Acres: 0.4313 Deed Information: 264485</p> <p>View Map</p> <p>Owner Information</p> <p>Current Owner: JASPER JULIANNE & PATTERSON MARK W 224 HWY 3277 NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Residential Improvement Information</p> <p>Sales Information</p> <p>Sale Date: 11/01/2007 Sale Price: \$32,000 Deed Book: 264 Deed Page: 485 Previous Owner: GALLEN JASPER</p>		
078-00-00-044.00	Mark Patterson & Julianne Jasper	224 Hwy 3277	KY	42544	<p>Parcel Summary</p> <p>Map Number: 078-00-00-044.00 Account Number: 90099 (PID: 397776 (PID: 173769)) Location Address: HWY 3277 Tax District: 00 Property Class: RESIDENTIAL Description: 78-44 (60 ACRES) Acres: 60 Deed Information: 279485</p> <p>View Map</p> <p>Owner Information</p> <p>Current Owner: PATTERSON MARK & JULIANNE JASPER 224 HWY 3277 NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Sales Information</p> <p>Sale Date: 08/25/2010 Sale Price: \$73,000 Deed Book: 279 Deed Page: 465 Previous Owner: SCHOLE BUSELL</p>		

Parcel ID	Owner Name	Address	County	Parcel Number	Map	Thumbnail	Deed Book	Deed Page	Sale Price	Sale Date	Previous Owner	Sale Type
0778-00-00-043.00	Herbert McGowan	294 McGowan Ln	Nancy	42544								
078-00-00-031.01	Allison Baker	12216 Hwy 196	Nancy	42544								

Parcel ID	Owner	Address	County	Parcel Details																								
078-00-00-034.00	LaDonna Wasson Trust	12250 Hwy 196	Nancy	<p>Parcel Summary</p> <p>Map Number: 078-00-00-004.00 Account Number: 94587 (PID: 400380 (PID: 177501)) Location Address: 12250 HWY 196 Tax District: 00 Property Class: RESIDENTIAL Description: 78-34 (1 ACRE & HOUSE) Acres: 1 Deed Information: 356/266 View Data</p> <p>Owner Information</p> <p>Current Owner: WASSON-LADONNA TRUST 12250 HWY 196 NANCY KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Residential Improvement Information</p> <p>Sales Information</p> <table border="1"> <thead> <tr> <th>Sale Date</th> <th>Sale Price</th> <th>Deed Book</th> <th>Deed Page</th> <th>Previous Owner</th> <th>Sale Type</th> </tr> </thead> <tbody> <tr> <td>06/20/2024</td> <td>\$52,000</td> <td>386</td> <td>266</td> <td>WASSON-LADONNA GAIL</td> <td></td> </tr> <tr> <td>08/13/2015</td> <td>\$52,000</td> <td>313</td> <td>031</td> <td>WASSON SERENY CLINDA</td> <td></td> </tr> <tr> <td>09/03/1993</td> <td>\$22,000</td> <td>140</td> <td>49</td> <td>D DUMBAR</td> <td></td> </tr> </tbody> </table>	Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type	06/20/2024	\$52,000	386	266	WASSON-LADONNA GAIL		08/13/2015	\$52,000	313	031	WASSON SERENY CLINDA		09/03/1993	\$22,000	140	49	D DUMBAR	
Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type																							
06/20/2024	\$52,000	386	266	WASSON-LADONNA GAIL																								
08/13/2015	\$52,000	313	031	WASSON SERENY CLINDA																								
09/03/1993	\$22,000	140	49	D DUMBAR																								
078-00-00-032.00	Mitchell & VonTrice Johnson	12294 Hwy 196	Nancy	<p>Parcel Summary</p> <p>Map Number: 078-00-00-022.00 Account Number: 86692 (PID: 395583 (PID: 170917)) Location Address: 12294 HWY 196 Tax District: 00 Property Class: RESIDENTIAL Description: 78-32 (2.4 ACRES & HOUSE) Acres: 2.6 Deed Information: 73/63 View Data</p> <p>Owner Information</p> <p>Current Owner: JOHNSON MITCHELL & VONTRICE 12294 HWY 196 NANCY KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Residential Improvement Information</p> <p>Sales Information</p> <table border="1"> <thead> <tr> <th>Sale Date</th> <th>Sale Price</th> <th>Deed Book</th> <th>Deed Page</th> <th>Previous Owner</th> <th>Sale Type</th> </tr> </thead> <tbody> <tr> <td>08/01/1975</td> <td>\$20,000</td> <td>73</td> <td>63</td> <td></td> <td></td> </tr> </tbody> </table>	Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type	08/01/1975	\$20,000	73	63														
Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type																							
08/01/1975	\$20,000	73	63																									

Parcel ID	Owner Name	Address	County	Parcel Details	Deed Book	Deed Page	Previous Owner
078-00-00-042.01	Johnny R & Mary Sue Denney	12430 Hwy 196	Nancy	<p>Parcel Summary</p> <p>Map Number: 078-00-00-042.01 Account Number: 82366 (PID: 393407 PVID: 167291) Location Address: 12430 HWY 196 Tax District: 00 Assessment Class: 0000 Description: 78-42 (14.61 ACRES (4 HOME)) Acres: 4.61 Deed Information: 169/129</p> <p>Owner Information</p> <p>Current Owner: DENNEY, JOHNNY R. & MARY SUE 12430 HWY 196 NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Residential Improvement Information</p> <p>Sales Information</p> <p>Sale Date: 09/01/1993 Sale Price: \$4,000 Deed Book: 169 Deed Page: 129 Previous Owner: CAY DENNEY</p>	169	129	CAY DENNEY
078-00-00-042.00	Johnny R & Mary Sue Denney	12430 Hwy 196	Nancy	<p>Parcel Summary</p> <p>Map Number: 078-00-00-042.00 Account Number: 82366 (PID: 393407 PVID: 167291) Location Address: HWY 196 Tax District: 00 Assessment Class: 0000 Description: 78-42 (28.52 ACRES) Acres: 28.49 Deed Information: 229/130</p> <p>Owner Information</p> <p>Current Owner: DENNEY, JOHNNY R. & MARY SUE 12430 HWY 196 NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Residential Improvement Information</p> <p>Sales Information</p> <p>Sale Date: 10/01/2004 Sale Price: \$30,000 Deed Book: 229 Deed Page: 130 Previous Owner: DENNEY, CLARENCE W.</p>	229	130	DENNEY, CLARENCE W.

Parcel ID	Address	City	County	Parcel Summary	Owner Information	Land Information	Valuation	Sales Information	Mobile Home Information																		
078-00-00-040.00	Herbert McGowan 294 McGowan Ln	Nancy	KY	<p>Parcel Summary</p> <p>Map Number: 078-00-00-040.00 Account Number: 104620 (PID: 403974 (PID: 138792)) Location Address: KY-156 County: 00 Property Class: FABM Description: 79-40(71.49 ACRES) Acres: 71.49 Deed Information: 309/326 View Map</p>	<p>Owner Information</p> <p>Current Owner: JOHNSON ROBERT & WANDA 294 MCGOWAN LN NANCY KY 42544</p>			<p>Sales Information</p> <table border="1"> <thead> <tr> <th>Sale Date</th> <th>Sale Price</th> <th>Deed Book</th> <th>Deed Page</th> <th>Previous Owner</th> <th>Sale Type</th> </tr> </thead> <tbody> <tr> <td>02/05/2015</td> <td>\$204,120</td> <td>309</td> <td>376</td> <td>JOHNSON BARRY</td> <td></td> </tr> <tr> <td>10/27/2013</td> <td></td> <td>301</td> <td>404</td> <td>JOHNSON ROBERT L & GRACE</td> <td></td> </tr> </tbody> </table>	Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type	02/05/2015	\$204,120	309	376	JOHNSON BARRY		10/27/2013		301	404	JOHNSON ROBERT L & GRACE		
Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	Sale Type																						
02/05/2015	\$204,120	309	376	JOHNSON BARRY																							
10/27/2013		301	404	JOHNSON ROBERT L & GRACE																							
078-00-00-064.00	Teddy & Teresa Harris 536 Red Oak Dr	Nancy	KY	<p>Parcel Summary</p> <p>Map Number: 078-00-00-064.00 Account Number: 82339 (PID: 389126 (PID: 169753)) Location Address: 12895 HWY. 336 Tax District: 00 Property Class: RESIDENTIAL Description: 79-40(5277 ACRES & MOBILE HOME) Acres: 3.379 Deed Information: 348/471 View Map</p>	<p>Owner Information</p> <p>Current Owner: HARRIS TERRY & TERESA 536 RED OAK DR NANCY KY 42544</p>			<p>Mobile Home Information</p> <table border="1"> <thead> <tr> <th>Manufacturer</th> <th>Model</th> <th>Year Built</th> <th>Exterior</th> <th>Seft</th> <th>Width (ft)</th> <th>Length (ft)</th> <th>Pool</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>0</td> <td>MASTANDARD</td> <td>1-404</td> <td>26</td> <td>54</td> <td></td> <td>80000</td> </tr> </tbody> </table>	Manufacturer	Model	Year Built	Exterior	Seft	Width (ft)	Length (ft)	Pool	Value			0	MASTANDARD	1-404	26	54		80000	
Manufacturer	Model	Year Built	Exterior	Seft	Width (ft)	Length (ft)	Pool	Value																			
		0	MASTANDARD	1-404	26	54		80000																			

Parcel ID	Address	City	County	Parcel Summary	Owner	Map
07-00-00-066.00	Robert & Mildred Eden	Robert & Mildred Eden	42544	<p>Parcel Summary</p> <p>Map Number: 078-00-00-066.00 Account Number: 82849 (PID: 3926959 PTD: 167895) Location Address: 13007 HWY 196 City: RUSSELL COUNTY Property Class: RESIDENTIAL Description: 78-66 (5.48 ACRES & HOUSE) Acres: 5.48627 Deed Information: 2897520</p> <p>Owner Information</p> <p>Current Owner: EDEN ROBERT & MILDRED 56 BURTON SUBDIVISION RD. NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Residential Improvement Information</p> <p>Sales Information</p> <p>Sale Date: 04/20/2012 Sale Price: \$98,000 Deed Book: 209 Deed Page: 520 Previous Owner: BLEVINS SHAWNIA</p>		
078-00-00-063.00	Neil & Bonita Conkel	Neil & Bonita Conkel	42544	<p>Parcel Summary</p> <p>Map Number: 078-00-00-063.00 Account Number: 81572 (PID: 392959 PTD: 166647) Location Address: 13040 HWY 196 City: RUSSELL COUNTY Property Class: RESIDENTIAL Description: 78-63 (8 ACRES & HOUSE) Acres: 8 Deed Information: 200224</p> <p>Owner Information</p> <p>Current Owner: CONKEL NEIL & BONITA 13040 HWY 196 NANCY, KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Residential Improvement Information</p> <p>Sales Information</p> <p>Sale Date: 11/01/2003 Sale Price: \$27,000 Deed Book: 200 Deed Page: 224 Previous Owner: JOHNSON H B</p>		

Parcel ID	County	Owner	Address	Map	Parcel Summary	Valuation	Sales Information
078-00-00-073.00	KY	Bobbie Jolene Gadberry & Brooke Allison Gadberry	222 Stacy Cemetery Rd	42544	<p>Parcel Summary</p> <p>Map Number: 078-00-00-073.00 Account Number: 837382 (PID: 394182 PVID: 166437) Location Address: Z JOHNSON RD, 00 Tax District: 00 Assessment Year: 2014 Description: 78-73 (92 ACRES) Acres: 92 Deed Information: 133/120 View Map</p> <p>Owner Information</p> <p>Current Owner: GADBERRY EORIBE JOLINE 3800 WYALLOON GADBERRY NANCY KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Sales Information</p> <p>Sale Date: 08/01/1992 Sale Price: \$39,000 Deed Book: 133 Deed Page: 120 Previous Owner: ZOLL JOHNSON HEIRS</p>	<p>Parcel Summary</p> <p>Map Number: 078-00-00-060.00 Account Number: 837382 (PID: 394182 PVID: 172758) Location Address: Z JOHNSON RD, 00 Tax District: 00 Property Class: FARM Description: 78-60 (50 ACRES) Acres: 50 Deed Information: 15/5221 View Map</p> <p>Owner Information</p> <p>Current Owner: MCGOWAN VERNON & MARGARET LOUISE 190 DENNY RIDGE RD NANCY KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Sales Information</p> <p>Sale Date: 04/01/1996 Sale Price: \$30,000 Deed Book: 155 Deed Page: 221 Previous Owner: MCGOWAN EZRA IL WOODROW JOHNSON</p>	
078-00-00-060.00	KY	Vernon & Margaret Louise McGowan	190 Denny Ridge Rd	42544	<p>Parcel Summary</p> <p>Map Number: 078-00-00-060.00 Account Number: 837382 (PID: 394182 PVID: 172758) Location Address: Z JOHNSON RD, 00 Tax District: 00 Property Class: FARM Description: 78-60 (50 ACRES) Acres: 50 Deed Information: 15/5221 View Map</p> <p>Owner Information</p> <p>Current Owner: MCGOWAN VERNON & MARGARET LOUISE 190 DENNY RIDGE RD NANCY KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Sales Information</p> <p>Sale Date: 04/01/1996 Sale Price: \$30,000 Deed Book: 155 Deed Page: 221 Previous Owner: MCGOWAN EZRA IL WOODROW JOHNSON</p>	<p>Parcel Summary</p> <p>Map Number: 078-00-00-060.00 Account Number: 837382 (PID: 394182 PVID: 172758) Location Address: Z JOHNSON RD, 00 Tax District: 00 Property Class: FARM Description: 78-60 (50 ACRES) Acres: 50 Deed Information: 15/5221 View Map</p> <p>Owner Information</p> <p>Current Owner: MCGOWAN VERNON & MARGARET LOUISE 190 DENNY RIDGE RD NANCY KY 42544</p> <p>Land Information</p> <p>Valuation</p> <p>Sales Information</p> <p>Sale Date: 04/01/1996 Sale Price: \$30,000 Deed Book: 155 Deed Page: 221 Previous Owner: MCGOWAN EZRA IL WOODROW JOHNSON</p>	

Parcel ID	Owner	Address	County	Zip	Parcel Summary	Owner Information	Land Information	Valuation	Residential Improvement Information	Sales Information																
078-00-00-046.00	Timothy Allen & Audrey Lynn McGowan	567 Hwy 3277	Nancy	KY	42544	<p>Parcel Summary</p> <p>Map Number: 078-00-00-046.00 Account Number: 88828 (PID: 390445 PTD: 172712) Location Address: 190 DENNY RIDGE RD. Tax District: 0084 County: 0084 Description: 78-46(129.43 ACRES & HOUSE) Acres: 129.43 Deed Information: 354,744 View Map</p>	<p>Owner Information</p> <p>Current Owner: MCGOWAN TIMOTHY ALLEN & AUDREY LYNN 567 HWY 3277 NANCY KY 42544</p>	<p>Land Information</p>	<p>Valuation</p>	<p>Residential Improvement Information</p>	<p>Sales Information</p> <table border="1"> <thead> <tr> <th>Sale Date</th> <th>Sale Price</th> <th>Deed Book</th> <th>Deed Page</th> <th>Previous Owner</th> </tr> </thead> <tbody> <tr> <td>01/18/2021</td> <td>565,000</td> <td>354</td> <td>744</td> <td>MCGOWAN VERNON & MARGARET LOUISE</td> </tr> <tr> <td>02/01/1994</td> <td>141</td> <td></td> <td>138</td> <td></td> </tr> </tbody> </table>	Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner	01/18/2021	565,000	354	744	MCGOWAN VERNON & MARGARET LOUISE	02/01/1994	141		138	
Sale Date	Sale Price	Deed Book	Deed Page	Previous Owner																						
01/18/2021	565,000	354	744	MCGOWAN VERNON & MARGARET LOUISE																						
02/01/1994	141		138																							



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

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

February 18, 2026

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

Cellco Partnership, d/b/a Verizon Wireless and APC Towers IV propose to construct a wireless communications facility on a site located near the southeast corner of Jabez Road and Highway 196; Nancy KY 42602 (North Latitude: 36° 59' 08.09", West Longitude: 84° 53' 29.51"). The proposed facility will include a 255-foot-tall, guyed tower, plus a 10-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, PO Box 615, Frankfort Kentucky 40602. Please refer to docket number 2026-00027 in any correspondence sent in connection with this matter.

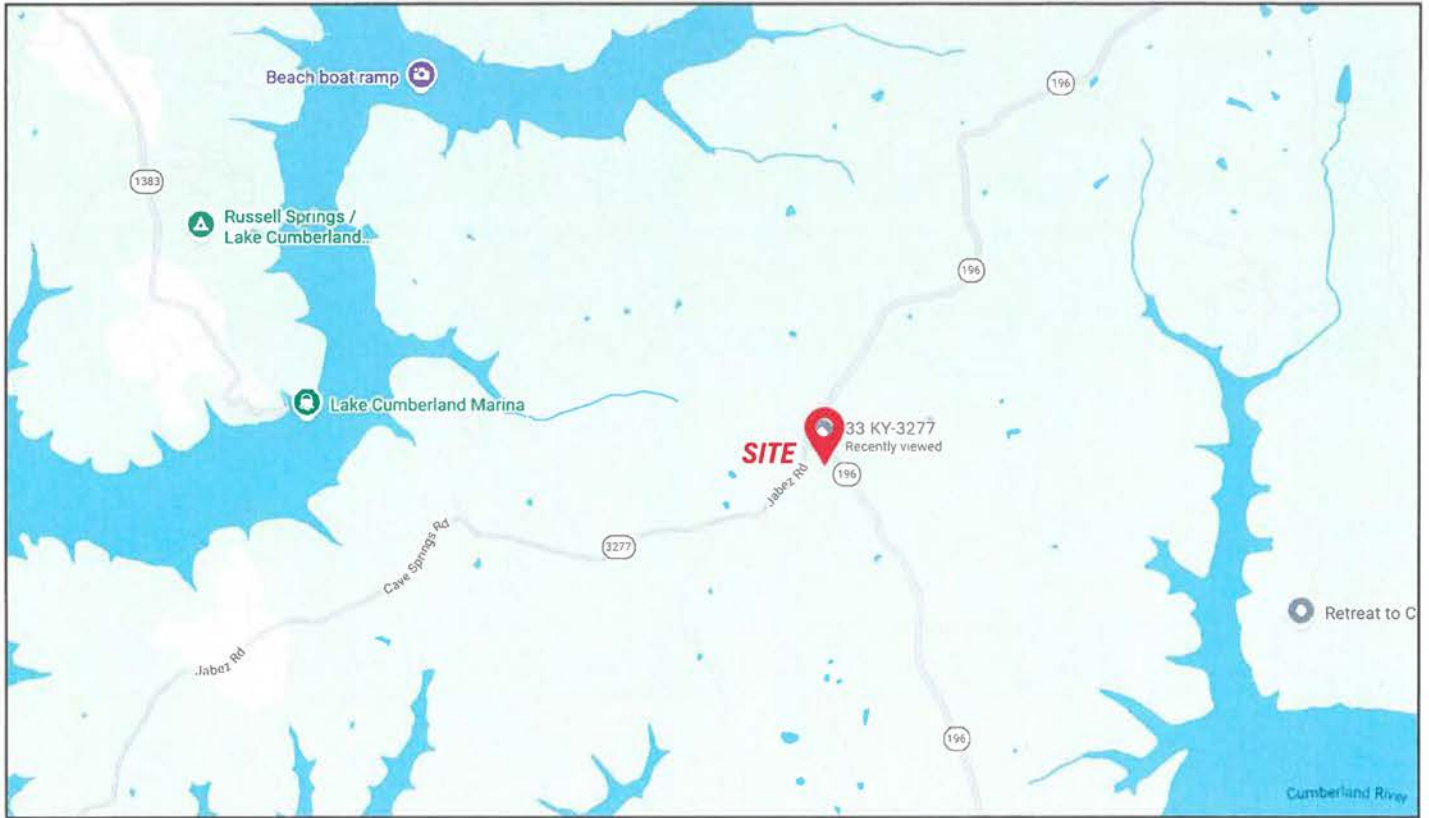
We have attached a map showing the site location for the proposed tower. Co-Applicant's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area.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

Sincerely,

Russell L. Brown
Attorney for Applicant

RLB/jmc
Enclosure

LOCATION MAPS | KY 1428 CK Jabez



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

OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL



9589 0710 5270 1687 9022 71

Herbert McGowan
294 McGowan Lane
Nancy, KY 42544

FIRST-CLASS



US POSTAGETM PITNEY BOWES



ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

ClarkQuinn
Clark, 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 1450 3456 70

Teddy & Teresa Harris
536 Red Oak Drive
Nancy, KY 42544

FIRST-CLASS



US POSTAGETM PITNEY BOWES



ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

ClarkQuinn
Clark, 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 1450 3460 35

Harris Grocery, LLC
681 Hwy 3277
Nancy, KY 42544

FIRST-CLASS



US POSTAGETM PITNEY BOWES



ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

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Clark, Quinn, Moses, Scott & Grahn, LLP

OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL



9589 0710 5270 1450 3460 42

Christian Home Church
32 Hwy 3277
Nancy, KY 42544

FIRST-CLASS



US POSTAGETM PITNEY BOWES
ZIP 46204 \$ 010.44⁰
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PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL



9589 0710 5270 1450 3460 59

Joseph Galen & Sue Jasper
244 Hwy 3277
Nancy, KY 42544

FIRST-CLASS



US POSTAGETM PITNEY BOWES
ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

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OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL



9589 0710 5270 1450 3460 66

Julianne Jasper &
Mark W Patterson
224 Hwy 3277
Nancy, KY 42544

FIRST-CLASS



US POSTAGETM PITNEY BOWES
ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

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

CERTIFIED MAIL®



9589 0710 5270 1450 3460 73

Mark Patterson &
Julianne Jasper
224 Hwy 3277
Nancy, KY 42544

FIRST-CLASS



US POSTAGESM PITNEY BOWES



ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

ClarkQuinn
Clark, 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 1450 3460 80

Allison Baker
12216 Hwy 196
Nancy, KY 42544

FIRST-CLASS



US POSTAGESM PITNEY BOWES



ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

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



9589 0710 5270 1450 3460 97

LaDonna Wasson Trust
12250 Hwy 196
Nancy, KY 42544

FIRST-CLASS



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ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026

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Clark, Quinn, Moses, Scott & Grahn, LLP

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9589 0710 5270 1450 3461 03

Mitchell & VonTrice Johnson
12294 Hwy 196
Nancy, KY 42544

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9589 0710 5270 1210 3324 14

Johnny R & Mary Sue Denney
12430 Hwy 196
Nancy, KY 42544

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02 7H
0006035028 FEB 18 2026

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OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

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9589 0710 5270 1210 3324 21

Robert & Mildred Eden
56 Burton Subdivision Road
Nancy, KY 42544

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02 7H
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9589 0710 5270 1210 3324 38

Neil & Bonita Conkel
13040 Hwy 196
Nancy, KY 42544

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US POSTAGESM PITNEY BOWES
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CERTIFIED MAIL®



9589 0710 5270 1210 3324 45

Bobbie Jolene Gadberry &
Brooke Allison Gadberry
222 Stacy Cemetery Road
Nancy, KY 42544

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US POSTAGESM PITNEY BOWES
ZIP 46204 \$ 010.44⁰
02 7H 0006035028 FEB 18 2026

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CERTIFIED MAIL®



9589 0710 5270 1210 3324 52

Vernon & Margaret
Louise McGowan
190 Denny Ridge Road
Nancy, KY 42544

FIRST-CLASS



US POSTAGESM PITNEY BOWES
ZIP 46204 \$ 010.44⁰
02 7H 0006035028 FEB 18 2026

ClarkQuinn
Clark, 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 1210 3324 69

FIRST-CLASS




US POSTAGE with PITNEY BOWES




ZIP 46204 \$ 010.44⁰
02 7H
0006035028 FEB 18 2026


Timothy Allen &
Audrey Lynn McGowan
567 Hwy 3277
Nancy, KY 42544

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery</p>
<p>1. Article Addressed to:</p> <p>Johnny R. Mary Sue Denney 12430 Hwy 196 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4794 86</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1210 3324 14</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery</p>
<p>1. Article Addressed to:</p> <p>LaDonna Wasson Trust 12250 Hwy 196 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4795 09</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1450 3460 97</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Matthew McGowan</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>
1. Article Addressed to:	<p>B. Received by (Printed Name) <i>Matthew McGowan</i></p> <p>C. Date of Delivery <i>2-25-26</i></p>
<p>Timothy Allen & Audrey Lynn McGowan 567 Hwy 3277 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4794 31</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
2. Article Number (Transfer from service label)	3. Service Type
9589 0710 5270 1210 3324 69	<input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (30)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Matthew McGowan</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>
1. Article Addressed to:	<p>B. Received by (Printed Name) <i>Matthew McGowan</i></p> <p>C. Date of Delivery <i>2-27-26</i></p>
<p>Herbert McGowan 294 McGowan Lane Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4791 72</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
2. Article Number (Transfer from service label)	3. Service Type
9589 0710 5270 1687 9022 71	<input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (30)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Matthew McGowan</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>
1. Article Addressed to:	<p>B. Received by (Printed Name) <i>Matthew McGowan</i></p> <p>C. Date of Delivery <i>2-27-26</i></p>
<p>Mitchell & VonTrice Johnson 12294 Hwy 196 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4794 93</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
2. Article Number (Transfer from service label)	3. Service Type
9589 0710 5270 1450 3461 03	<input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (30)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>Sue Jasper</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Sue Jasper</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>Mark Patterson & Julianne Jasper 224 Hwy 3277 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4795 23</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (0)</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1450 3460 73</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>Sue Jasper</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Sue Jasper</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Sue Jasper</i> C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>Joseph Galen & Sue Jasper 244 Hwy 3277 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4795 47</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (00)</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1450 3460 59</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>Neil Conkel</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Neil Conkel</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Neil Conkel</i> C. Date of Delivery <i>2/24/20</i></p>
<p>1. Article Addressed to:</p> <p>Neil & Bonita Conkel 13040 Hwy 196 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4794 62</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (50)</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1210 3324 38</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>Sue Jasper</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Sue Jasper</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>Julianne Jasper & Mark W Patterson 224 Hwy 3277 Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4795 30</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1450 3460 66</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (00)</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>Mildred Eden</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Mildred Eden</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Mildred Eden</i> C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>Robert & Mildred Eden 56 Burton Subdivision Road Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4794 79</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1210 3324 21</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (00)</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>Natha McEwan</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Natha McEwan</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Natha McEwan</i> C. Date of Delivery <i>2/25/26</i></p>
<p>1. Article Addressed to:</p> <p>Vernon & Margaret Louise McGowan 190 Denny Ridge Road Nancy, KY 42544</p>  <p>9590 9402 9112 4225 4794 48</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1210 3324 52</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (00)</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Harris Grocery, LLC
 681 Hwy 3277
 Nancy, KY 42544



9590 9402 9112 4225 4792 95

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3460 35

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Handwritten Signature] Agent
 Addressee

B. Received by (Printed Name)

Amy Stegley

C. Date of Delivery

2-23-20

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

Mail Restricted Delivery
 Insured Mail

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:

Teddy & Teresa Harris
 536 Red Oak Drive
 Nancy, KY 42544



9590 9402 9112 4225 4791 65

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3456 70

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Teresa Harris Agent
 Addressee

B. Received by (Printed Name)

Teresa Harris

C. Date of Delivery

2-23-20

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
 Insured Mail

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:

Christian Home Church
32 Hwy 3277
Nancy, KY 42544



9590 9402 9112 4225 4795 54

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3460 42

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Matthew Gibsch*

- Agent
- Addressee

B. Received by (Printed Name)

Matthew Gibsch

C. Date of Delivery

2-25-20

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

Mail
Mail Restricted Delivery
(00)

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:

Allison Baker
12216 Hwy 196
Nancy, KY 42544



9590 9402 9112 4225 4795 16

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3460 80

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Allison Baker

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

3/3/20

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)



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

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

February 18, 2026

Via Certified Mail, Return Receipt Requested

9589 0710 5270 1450 3459 22

Hon. Randy Marcum
Russell County Judge Executive
410 Monument Square, Suite 205
PO Box 490
Jamestown KY 42629

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2026-00027
Site Name: Jabez

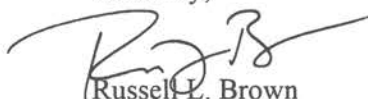
Dear Judge Marcum:

APC Towers IV, LLC and Cellco Partnership, d/b/a Verizon Wireless propose to construct a wireless communications facility on a site located near the southeast corner of Jabez Road and Highway 196; Nancy KY 42602 (North Latitude: 36° 59' 08.09", West Longitude: 84° 53' 29.51"). The proposed facility will include a 255-foot-tall, guyed tower, plus a 10-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

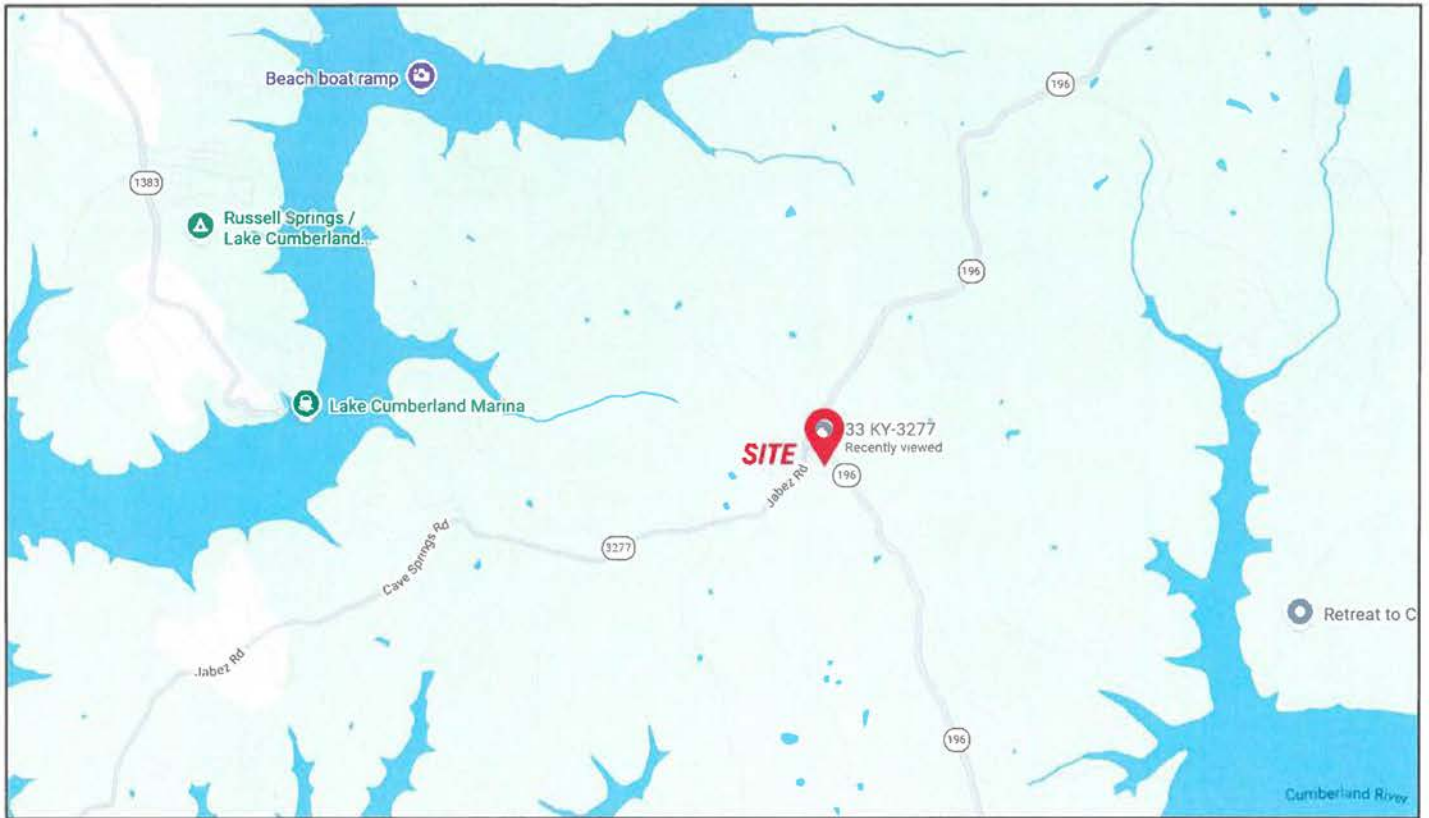
You have a right to submit comments to the PSC or request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00027 in any correspondence sent in connection with this matter.

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

Sincerely,


Russell L. Brown
Attorney for Applicant

LOCATION MAPS | KY 1428 CK Jabez



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

CERTIFIED MAIL[®]



9589 0710 5270 1450 3459 22

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

FIRST-CLASS



US POSTAGE[™] PITNEY BOWES



ZIP 46204
02 7H
0006035028
\$ 010.44⁰
FEB 18 2026

Hon. Randy Marcum
Russell County Judge Executive
410 Monument Square, Suite 205
PO Box 490
Jamestown, KY 42629

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. Randy Marcum
Russell County Judge Executive
410 Monument Square, Suite 205
PO Box 490
Jamestown, KY 42629



9590 9402 9112 4225 4791 89

2. Article Number (Transfer from service label)

9589 0710 5270 1450 3459 22

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Randy Marcum*

- Agent
- Addressee

B. Received by (Printed Name)

Randy Marcum

C. Date of Delivery

2/23/20

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: KY-1428 CK JABEZ 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.

APC Towers IV, 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 2026-00027 in your correspondence.

APC Towers IV, 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 2026-00027 in your correspondence.



VIA EMAIL: news@russellcountynewspapers.com
jcrabtree@jpinews.com

The Russell County Times Journal
PO Box 190
Russell Springs KY 42642

Land Use Consultants
Elizabeth Bentz Williams, AICP
Joseph M. Csikos, AICP

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

RE: Legal Notice Advertisement
Site Name: Jabez

To Whom It May Concern,

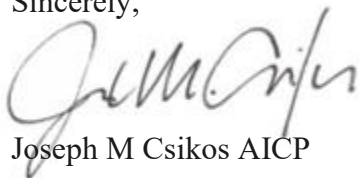
Please publish the following legal notice advertisement in the next available edition of The Times Journal serving Russell County, Kentucky:

NOTICE

Cellco Partnership, d/b/a Verizon Wireless and APC Towers IV, LLC are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located near the southeast corner of Jabez Road and Highway 196; Nancy KY 42602 (North Latitude: 36° 59' 08.09", West Longitude: 84° 53' 29.51"). The proposed facility will include a 255-foot-tall, guyed tower, plus a 10-foot lightning arrestor and related ground facilities. Site name is Jabez. 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 2026-00027 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, LLP, 320 N. Meridian Street, Indianapolis, IN 46204 or by email to jcsikos@clarkquinnlaw.com. Please call me 317-637-1321 extension 319 if you have any questions. Thank you for your assistance.

Sincerely,

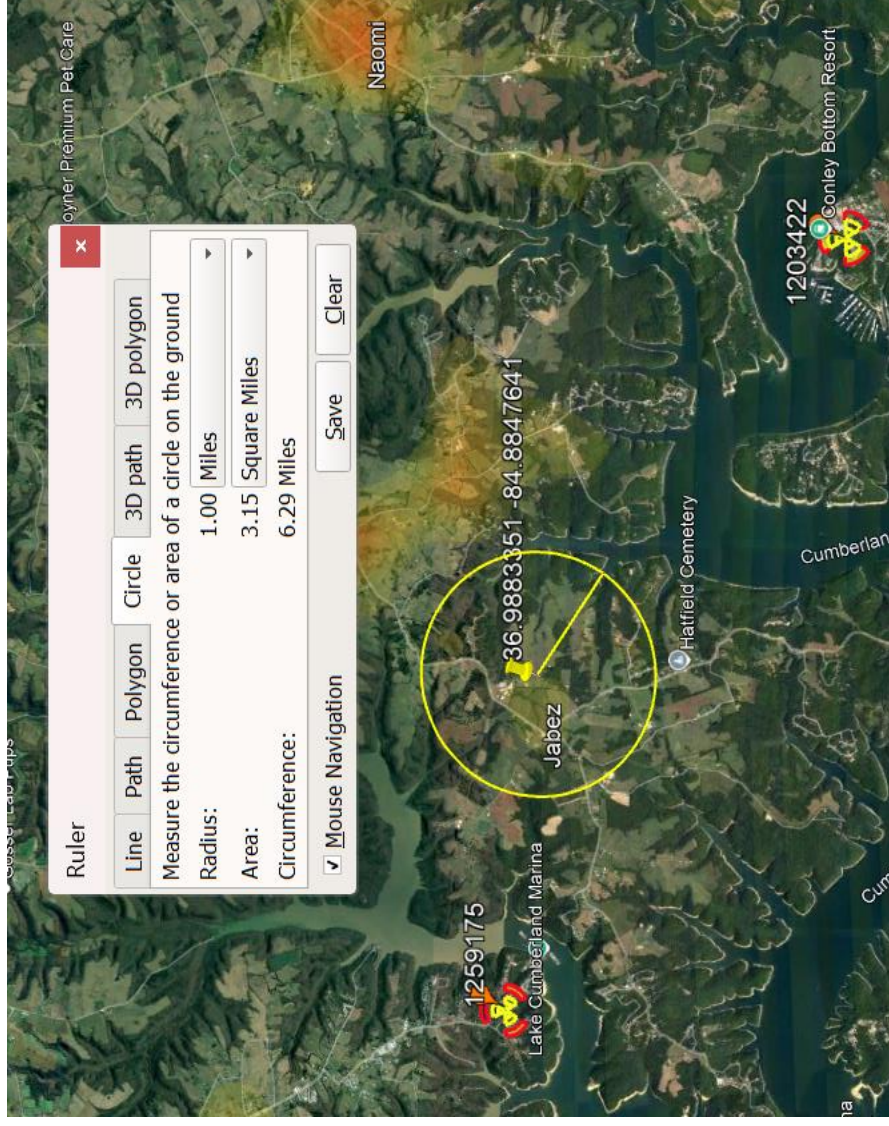


Joseph M Csikos AICP

CK Jabez

- Project # 17494117
- Macro NB capacity offload CK Conley Bottom and CK Alligator for seasonal lake traffic while providing SGFI Mitigation
- There are no ASR towers nearby

SARF	
ATOLL Market :	LOUISVILLE
SR Name :	CK Jabez
Granite Locale :	INDIANA
Address :	438 ROBERTS LI
City :	NANCY 
State :	KENTUCKY 
County :	Russell
Zipcode :	42544 
Latitude :	36.9883351 
Longitude :	-84.8847641 
Radius :	1.0 
Centerline(ft.) :	250.0 
Sectors :	3 





December 8th 2025

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

Tower Developer and Owner: APC Towers LLC

Facility Site Name: CK Jabez

Type of Tower: Guyed structure

Tower Height: 255 Ft.

Location: 33 Highway 3277, Albany, KY 46202

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 "CK Jabez".

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

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

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

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

Here, Verizon is currently collocated on several existing towers in the areas surrounding the Search Area. However, there are no existing structures within the Search Area on which Verizon could collocate to meet its coverage and capacity objectives in the Gap Area. For this reason, Verizon worked with APC Towers LLC to identify a site in the Search Area on which a new tower could be built that would meet the stated objectives. The proposed new tower, located at 33 Highway 3277, Albany, KY 46202, 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 255' with Verizon's equipment installed at a centerline of 250'. 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 APC Towers LLC is unable to build the proposed site and therefore Verizon is unable to collocate its equipment on it at a centerline of 250', 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 long horizontal flourish extending to the right.

Steven Belcher
Sr. RF Engineer
Verizon Wireless



November 14th, 2025

RE: Zoning Plots

Site Name: CK Jabez

To Whom It May Concern:

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

Sincerely,

A handwritten signature in black ink, appearing to read "S. Belcher". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

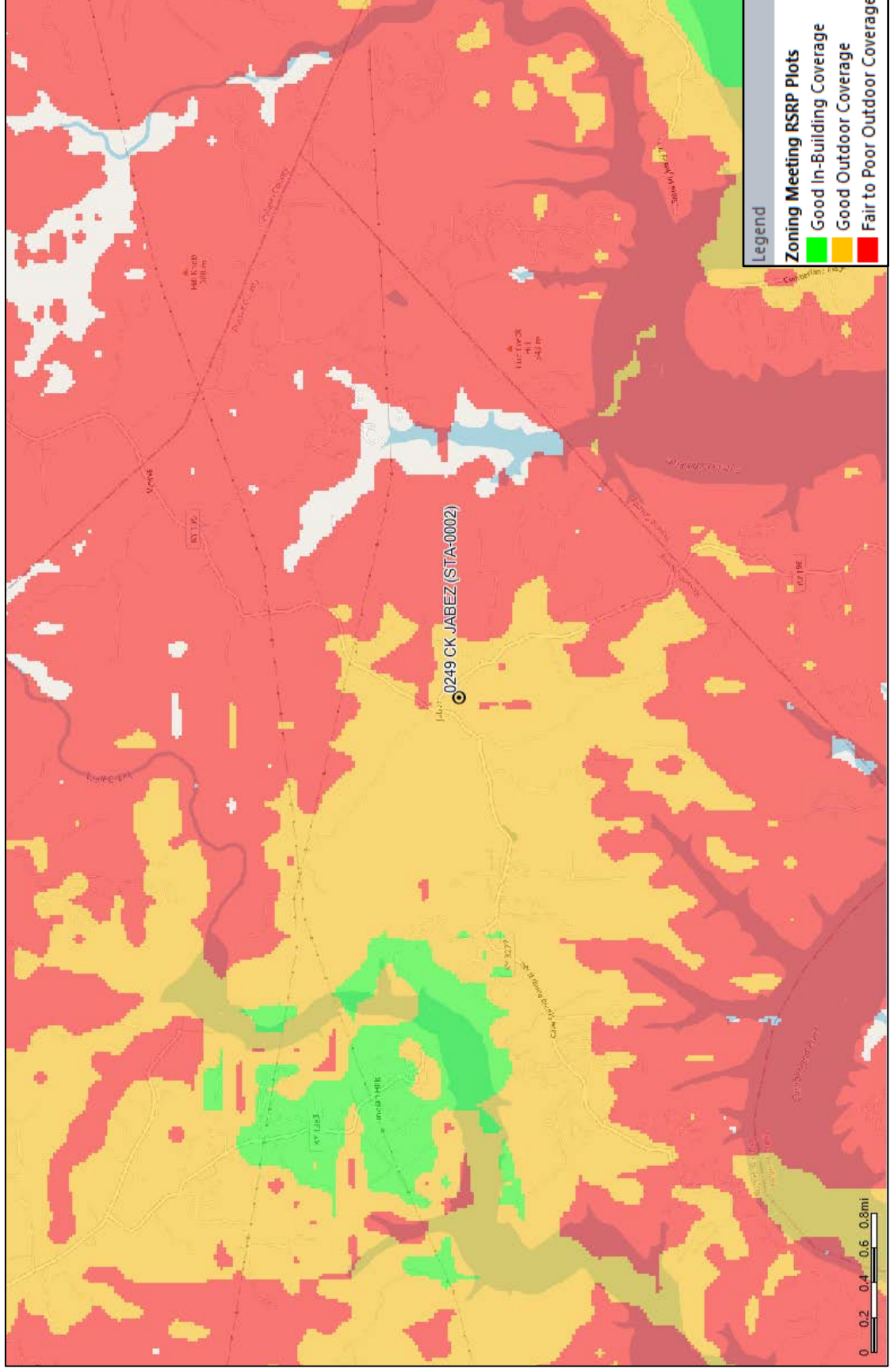
Steven Belcher

Sr RF Engineer

Verizon Wireless

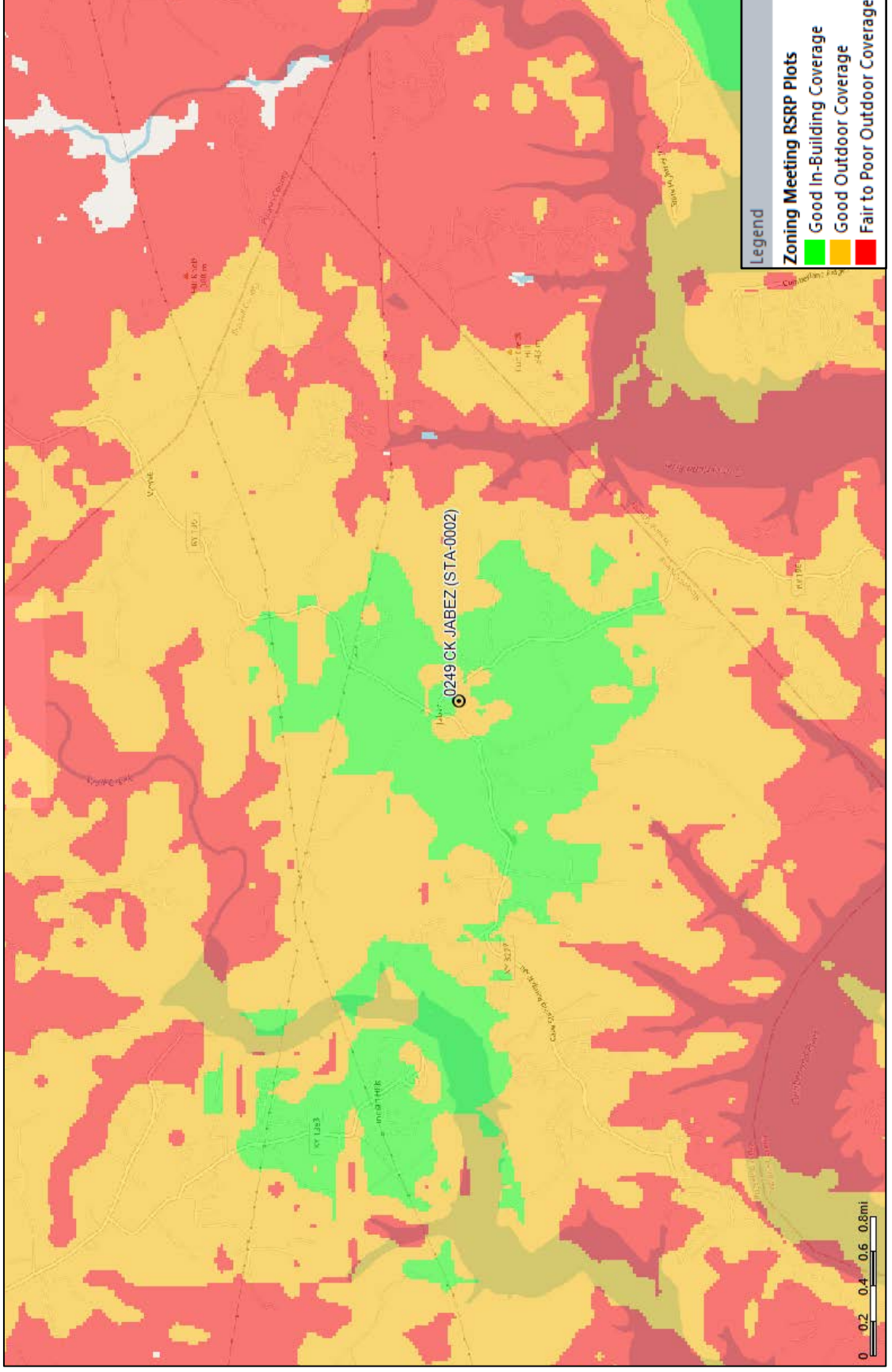


Coverage – Without Proposed Site CK Jabez





Proposed Coverage – With Proposed Site CK Jabez



KY 1428 | CK JABEZ
List and Identity and Qualifications of Professionals

Stephen E. Hunt
Professional Engineer
Kentucky License 25003
TeleCad Communications
1961 Northpoint Blvd. Suite 130
Hixson, TX, 37343

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

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

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

Jay Parker
VP of Construction
APC Towers
8601 Six Forks Rd, Suite 250
Raleigh NC 27615

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

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 APC Towers IV, 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 19th day of March 2026.



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

