

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

In the Matter of:

THE APPLICATION OF	)	
APC TOWERS IV, LLC,	)	
A DELAWARE LIMITED LIABILITY COMPANY AND	)	
KENTUCKY RSA NO. 1 PARTNERSHIP BY	)	
CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS,	)	
ITS MANAGING PARTNER	)	
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	)	CASE NO.: 2026-00170
CONVENIENCE AND NECESSITY TO CONSTRUCT	)	
A WIRELESS COMMUNICATIONS FACILITY	)	
IN THE COMMONWEALTH OF KENTUCKY	)	
IN THE COUNTY OF MARSHALL	)	

SITE NAME: EV OLIVE HAMLET

* * * * *

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

APC Towers IV, LLC, a Delaware limited liability company, and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner (“Applicants”), by counsel, pursuant to (i) KRS §§ 278.020, 278.040, 278.650, 278.665, and other statutory authority, and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit this Application requesting issuance of a Certificate of Public Convenience and Necessity (“CPCN”) from the Kentucky Public Service Commission (“PSC”) to construct, maintain, and operate a Wireless Communications Facility (“WCF”) to serve the customers of Verizon Wireless with wireless communications services.

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

information:

1. The complete name and address of the Applicants are: APC Towers IV, LLC, a Delaware limited liability company, having an address of 8601 Six Forks Road, Suite 250, Raleigh, NC 27615 and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner having an address of 2421 Holloway Road, Louisville, Kentucky 40299.

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

3. APC Towers IV, LLC is a limited liability company organized in the State of Delaware on March 3, 2022. APC Towers IV, LLC's Certificate of Good Standing issued by the State of Delaware is attached as part of **Exhibit A** and hereby incorporated by reference. APC Towers IV, LLC is in good standing in the state in which it is organized and further states that it is authorized to transact business in Kentucky, and a copy of the Certificate of Authorization issued by the Kentucky Secretary of State is attached as part of **Exhibit A** and is hereby incorporated by reference.

4. Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner, is a Delaware general partnership, and a copy of the Statement of Good Standing from Delaware and Certificate of Assumed Name on file with the Kentucky Secretary of State are included as a part of **Exhibit A**. Verizon Wireless is in

good standing in the state in which it is organized and further state that they are authorized to transact business in Kentucky.

5. Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner, operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner's FCC applications and licenses to provide wireless services are attached to this Application or described as part of **Exhibit A**, and the facility will be constructed and operated in accordance with applicable FCC regulations.

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

7. To address the above-described service needs, Applicants propose to construct a WCF in a lease area located at Olive Hamlet Road, Benton, KY 42025 (36° 47' 49.45" North latitude, 88° 15' 17.68" West longitude) on a parcel of land located entirely within the county referenced in the caption of this application. The property on which the

WCF will be located is owned by Timothy L Riley and Amy L Riley, pursuant to a deed recorded in Instrument# 191205 in the office of the County Clerk. The proposed WCF will consist of a 245-foot-tall guyed tower, with an approximately 5-foot-tall lightning arrestor attached at the top, for a total height of 250 feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of radio electronics equipment and appurtenant equipment. The equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit B** and **Exhibit C**.

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

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

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

11. Applicants have considered the likely effects of the installation of the proposed WCF on nearby land uses and values and have concluded that there is no more suitable location reasonably available from which adequate services can be provided, and

that there are no reasonably available opportunities to co-locate antennas on an existing structure. When suitable towers or structures exist, Verizon Wireless attempts to co-locate on existing structures such as communications towers or other structures capable of supporting carrier's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site.

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

13. Documentation confirming that the Kentucky Airport Zoning Commission ("KAZC") has reviewed and approved the proposed construction is attached as **Exhibit F**.

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

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

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

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

18. The construction manager for the proposed facility is Matt Bates and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibits B & C**.

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

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

21. Applicants have sent notice to every person who, according to the records of the County Property Valuation Administrator ("PVA"), owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and has been informed of his or her right to request

intervention. A list of the notified property owners and a copy of the form of the notice sent by certified mail to each landowner are attached as **Exhibit J** and **Exhibit K**, respectively.

22. Copies of the Marshall County PVA records obtained on June 23, 2026 (and re-verified on July 8, 2026) and used to generate the notice list are attached as part of **Exhibit J**.

23. Twenty-three notice letters were sent to the landowners on the notice list at the mailing addresses shown on the PVA records. Copies of the “Certified Mail Receipts” confirming the dates on which the letters were sent are attached as part of **Exhibit J**.

24. To date, no signed United States Postal Service Form 3811 “green cards” have been returned. According to United States Postal Service (“USPS”) tracking data, three letters have a status of “Delivered, Individual Picked Up at Post Office”, twelve letters have a status of “Delivered, Left with Individual”, five letters have a status of “Notice Left (No Authorized Recipient Available)”, one letter has a status of “Refused”, and two letters have a status of “Held at Post Office, At Customer Request” A copy of the USPS tracking data for these notices is attached as part of **Exhibit J**. There are no unaccountable notices.

25. Applicants have notified the applicable County Judge/Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the County Judge/Executive of his/her right to request intervention. A copy of this notice is attached as **Exhibit L**. According to United States Postal Service (“USPS”) tracking data, this letter has a status of “Delivered, Left with Individual”. A copy of the “Certified Mail Receipt” and a

copy of the USPS tracking data for this notice are also attached as a part of **Exhibit L**.

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

27. The general area where the proposed facility will be located is predominantly rural in character and consists primarily of heavily wooded areas and sparse residential uses. The tower is placed near the center of the parcel and is well screened from nearby parcels and uses. The site parcel itself is rural with significant wooded areas providing substantial natural screening.

28. The process that was used by Verizon Wireless' radio frequency engineers in selecting the site for the proposed WCF was consistent with the general process used for selecting all other existing and proposed WCF facilities within the proposed network design area. Verizon Wireless' radio frequency engineers have conducted studies and tests in order to develop a highly efficient network that is designed to handle voice and data traffic in the service area. The engineers determined an optimum area for the placement of the

proposed facility in terms of elevation and location to provide the best quality service to customers in the service area. A radio frequency design search area prepared in reference to these radio frequency studies was considered by the Applicants when searching for sites for its antennas that would provide the coverage deemed necessary by Verizon Wireless' Radio Frequency Engineers. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should be located pursuant to radio frequency requirements is attached as **Exhibit N**.

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

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

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

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

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

Respectfully submitted,



David A. Pike
And



F. Keith Brown

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

LIST OF EXHIBITS

- A - Business Documentation & FCC Documentation
- B - Site Development Plan:
 - 500' Vicinity Map
 - Legal Descriptions
 - Flood Plain Certification
 - Site Plan
 - Vertical Tower Profile
- C - Tower and Foundation Design
 - Construction Manager Letter
 - List of Qualified Professionals
 - Tower and Foundation Drawings
- D - Competing Utilities, Corporations, or Persons List
- E - Federal Aviation Administration Documentation
- F - Kentucky Airport Zoning Commission Documentation
- G - Geotechnical Report
- H - Directions to WCF Site
- I - Copy of Real Estate Agreement
- J - Notification Listing, PVA Records & Proof of Notice
- K - Copy of Property Owner Notification
- L - Copy of County Judge/Executive Notice & Proof of Notice
- M - Copy of Posted Notices, Newspaper Notice Advertisement Tear Sheet & Affidavit
- N - Copy of Radio Frequency Design Search Area

EXHIBIT A

**BUSINESS DOCUMENTATION & FCC LICENSE
DOCUMENTATION**

Delaware

The First State

Page 1

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




Jeffrey W. Bullock, Secretary of State

6650861 8100
SR# 20240209212

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

Authentication: 202646764
Date: 01-23-24

CERTIFICATE OF FORMATION

OF

APC TOWERS IV, LLC

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

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

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

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

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

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

/S/ GARRETT D. EVERS

Garrett D. Evers
Authorized Person

Delaware

The First State

Page 1

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, reading "C. P. Sanchez", is written over a horizontal line.

Charuni Patibanda-Sanchez, Secretary of State

Authentication: 203603171

Date: 05-05-25

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>

Authentication number: 309767

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

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

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 22nd day of April, 2024, in the 232nd year of the Commonwealth.



Michael G. Adams

Michael G. Adams
Secretary of State
Commonwealth of Kentucky
309767/1262373

Delaware

The First State

Page 1

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

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



3341134 8300

SR# 20231665976

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

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

Authentication: 203227418

Date: 04-27-23



Michael G. Adams
Secretary of State

Certificate

I, Michael G. Adams, Secretary of State for the Commonwealth of Kentucky, do hereby certify that the foregoing writing has been carefully compared by me with the original thereof, now in my official custody as Secretary of State and remaining on file in my office, and found to be a true and correct copy of

CERTIFICATE OF ASSUMED NAME OF VERIZON WIRELESS ADOPTED BY
GENERAL PARTNERS OF CELLCO PARTNERSHIP FILED JUNE 21, 2006.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my
Official Seal at Frankfort, Kentucky, this 10th day of May, 2023.



Michael G. Adams

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

COMMONWEALTH OF KENTUCKY
TREY GRAYSON
SECRETARY OF STATE



0641227.07

Dcornish
C226

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

CERTIFICATE OF ASSUMED NAME

This certifies that the assumed name of
Verizon Wireless

(Name under which the business will be conducted)

has been adopted by See Addendum

(Real name - KRS 365.015(1))

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

- | | |
|--|---|
| ☐ 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
Signature
Jane A. Schepker-Assistant Secretary

Date or type name and title
June 15, 2006

Date

Signature

Date 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

Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

C227

0641227.07
Alison Lundergan Grimes
KY Secretary of State
Received and Filed
5/31/2016 1:54:34 PM
Fee receipt: \$20.00

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

**Renewal Certificate of
Assumed Name**

REN

This certifies that the assumed name of

VERIZON WIRELESS

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

Signatures

Signature

Karen M. Shipman

Title

Assistatn Secretary

Date

5/31/2016 1:54:34 PM

REFERENCE COPY

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



**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Call Sign KNKN871	File Number 0009611092
Radio Service CL - Cellular	
Market Numer CMA444	Channel Block B
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003290673

Market Name Kentucky 2 - Union				
Grant Date 08-31-2021	Effective Date 08-31-2021	Expiration Date 10-01-2031	Five Yr Build-Out Date	Print Date 08-31-2021

Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
1	37-30-51.2 N	087-30-18.0 W	139.9	91.4	1030659

Address: 2138 SR 1405
City: SLAUGHTERS **County:** WEBSTER **State:** KY **Construction Deadline:**

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	104.300	99.100	103.400	105.700	89.600	78.600	86.500	103.800
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Conditions:

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN871

File Number: 0009611092

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
2	37-16-53.0 N	087-29-17.0 W	176.8	90.8	1030654

Address: 1369 SAND CUT RD

City: Madisonville County: HOPKINS State: KY Construction Deadline:

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	127.800	138.700	133.200	133.500	121.500	113.200	123.000	142.100
Transmitting ERP (watts)	208.970	190.560	12.020	1.000	0.500	0.500	0.630	30.910

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	127.800	138.700	133.500	133.500	121.500	113.200	123.000	142.100
Transmitting ERP (watts)	0.500	0.540	19.950	190.560	208.940	20.420	1.070	0.500

Antenna: 7

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	127.800	138.700	133.500	133.500	121.500	113.200	123.000	142.100
Transmitting ERP (watts)	1.000	1.910	1.000	1.000	6.310	213.810	501.220	190.560

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	36-57-17.4 N	087-51-07.6 W	172.2	123.1	1030739

Address: (Hopson) RT 4 BOX 58 814999

City: Princeton County: CALDWELL State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.700	130.000	144.600	143.600	151.900	144.500	138.300	138.900
Transmitting ERP (watts)	18.030	88.290	65.450	2.610	0.360	0.200	0.200	0.350

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.700	130.000	144.600	143.600	151.900	144.500	138.300	138.900
Transmitting ERP (watts)	0.420	0.420	2.640	89.540	209.890	79.800	0.420	0.800

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.700	130.000	144.600	143.600	151.900	144.500	138.300	138.900
Transmitting ERP (watts)	55.210	1.870	1.030	0.840	1.150	19.590	283.140	381.940

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN871

File Number: 0009611092

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
5	37-19-00.3 N	088-04-34.3 W	237.4	90.5	1030656

Address: (Marion) 11 Brairwood Drive

City: Marion County: CRITTENDEN State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	162.700	163.300	176.200	156.900	167.800	184.500	160.300	175.600
Transmitting ERP (watts)	271.010	402.110	56.170	1.380	1.090	1.090	1.090	16.570

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	162.700	163.300	176.200	156.900	167.800	184.500	160.300	175.600
Transmitting ERP (watts)	1.090	1.090	54.770	411.390	270.910	18.590	1.090	1.090

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	162.700	163.300	176.200	156.900	167.800	184.500	160.300	175.600
Transmitting ERP (watts)	2.710	0.550	0.550	0.550	2.110	63.550	191.830	63.550

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	37-19-19.5 N	087-30-03.8 W	144.5	99.1	1040639

Address: 54 W LAKE ST

City: Madisonville County: HOPKINS State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	97.900	120.000	110.700	105.000	90.400	94.900	118.300	102.200
Transmitting ERP (watts)	91.200	87.100	85.110	85.110	89.130	87.100	89.130	89.130

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	37-39-38.0 N	087-55-11.5 W	153.6	121.9	1030655

Address: (Morganfield) 996 TP LUCKETTE RD

City: Morganfield County: UNION State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	130.600	126.500	124.600	100.000	131.200	122.100	129.400	122.600
Transmitting ERP (watts)	355.170	248.530	31.970	1.840	0.810	0.810	2.870	89.690

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	130.600	126.500	124.600	100.000	131.200	122.100	129.400	122.600
Transmitting ERP (watts)	0.890	27.540	263.030	389.050	97.720	5.890	0.810	0.810

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN871

File Number: 0009611092

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	37-39-38.0 N	087-55-11.5 W	153.6	121.9	1030655

Address: (Morganfield) 996 TP LUCKETTE RD

City: Morganfield County: UNION State: KY Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	130.600	126.500	124.600	100.000	131.200	122.100	129.400	122.600
Transmitting ERP (watts)	0.680	0.680	0.680	2.630	61.490	217.250	146.520	15.150

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	37-02-00.0 N	088-22-10.0 W	105.5	106.7	1040303

Address: (Calvert City) 641 Jary Johnson Rd.

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
14	37-36-46.0 N	087-29-35.0 W	118.0	91.0	1034040

Address: EASTWOOD FERRY ROAD

City: SEBREE County: WEBSTER State: KY Construction Deadline: 02-23-2006

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	73.800	88.300	72.700	87.800	81.700	80.900	73.100	79.800
Transmitting ERP (watts)	0.560	0.200	0.200	0.280	2.400	42.760	89.330	12.910

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	73.800	88.300	72.700	87.800	81.700	80.900	73.100	79.800
Transmitting ERP (watts)	55.080	0.490	0.200	0.200	0.200	0.200	0.200	39.900

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN871

File Number: 0009611092

Print Date: 08-31-2021

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
14	37-36-46.0 N	087-29-35.0 W	118.0	91.0	1034040

Address: EASTWOOD FERRY ROAD

City: SEBREE County: WEBSTER State: KY Construction Deadline: 02-23-2006

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	73.800	88.300	72.700	87.800	81.700	80.900	73.100	79.800
Transmitting ERP (watts)	0.200	0.200	0.200	5.380	97.950	4.910	0.210	0.200

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	36-46-54.2 N	088-03-28.1 W	199.0	126.5	1205551

Address: SR 80/US 68 & Trace

City: Golden Pond County: TRIGG State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	165.000	178.000	160.000	175.000	171.000	167.000	177.000	184.000
Transmitting ERP (watts)	96.610	96.610	96.610	96.610	96.610	96.610	96.610	96.610

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-14-55.1 N	088-20-42.2 W	175.8	108.8	1231318

Address: 738 Mitchell Road

City: Burna County: LIVINGSTON State: KY Construction Deadline: 02-23-2006

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	116.800	144.900	144.500	172.100	154.500	163.300	146.900	139.500
Transmitting ERP (watts)	50.060	6.450	0.130	0.130	0.130	1.990	13.790	50.060

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	116.800	144.900	144.500	172.100	154.500	163.300	146.900	139.500
Transmitting ERP (watts)	4.780	26.880	61.590	32.320	2.880	0.130	0.130	0.600

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	116.800	144.900	144.500	172.100	154.500	163.300	146.900	139.500
Transmitting ERP (watts)	0.130	0.130	0.130	2.750	15.470	52.420	46.720	5.120

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN871

File Number: 0009611092

Print Date: 08-31-2021

Control Points:

Control Pt. No. 2

Address: 500 West Dove Road

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

Waivers/Conditions:

NONE

ULS Application

Cellular - 0009611092 - Cellco Partnership

File Number	0009611092	Radio Service	CL - Cellular
Call Sign	KNKN871	Application Status	G - Granted

General Information

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

Market Data

Market	CMA444 - Kentucky 2 - Union	Channel Block	B
Submarket Designator	0	Phase	2

Applicant Information

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

Contact Information

Name	Verizon Wireless Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Regulatory	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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For a geographic license, private systems - licensee in any subsequent term

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

REFERENCE COPY

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



**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: KENTUCKY RSA NO. 1 PARTNERSHIP

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

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

FCC Registration Number (FRN): 0001836709

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

Site Information:

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

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

Antenna: 1

Maximum Transmitting ERP in Watts: 135.800

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

Conditions:

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

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

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

Address: 416 Jimtown Road

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: (Wickliffe) 353 CR 1307

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: (Fulton) 550 Powell Road

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

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

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

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

Address: (Fulton) 550 Powell Road

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

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: (Murray) 1431 Van Cleave Road

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: (La Center) 220 RICHARDSON LN

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

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

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

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

Address: (La Center) 220 RICHARDSON LN

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: 3975 State Route 2206

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: (Calvert City) 641 Jary Johnson Rd.

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

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

Address: 12201 SR 97

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: (Paducah West) 4415 Merredith Rd.

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

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

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

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

Address: 14664 Canton Road

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

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

Address: (Hickman site) Holley Street

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

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

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

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

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

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

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

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

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

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

Licensee Name: KENTUCKY RSA NO. 1 PARTNERSHIP

Call Sign: KNKQ306

File Number: 0009611390

Print Date: 08-31-2021

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

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

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

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

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

Control Points:

Control Pt. No. 3

Address: 500 W. Dove Rd.

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

Waivers/Conditions:

NONE

ULS Application

Cellular - 0009611390 - KENTUCKY RSA NO. 1 PARTNERSHIP

File Number	0009611390	Radio Service	CL - Cellular
Call Sign	KNKQ306	Application Status	G - Granted

General Information

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

Market Data

Market	CMA443 - Kentucky 1 - Fulton	Channel Block	B
Submarket Designator	0	Phase	2

Applicant Information

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

Contact Information

Name	Verizon Wireless Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022 ATTN Regulatory	P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com
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For a geographic license, private systems - licensee in any subsequent term

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Call Sign KNLH404	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

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

Conditions:

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

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNLH404

File Number:

Print Date: 01-10-2018

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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PCS Broadband - 0007644213 - Powertel Memphis Licenses, Inc.

Application Status G - Granted

Use Question

P:(425)383-8401
F:(202)887-0763
E:fccregulatorycompliancecontact@t-mobile.com

Qualifications, Ownership

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the Applicant a foreign government or the representative of any foreign government?	No
Is the Applicant an alien or the representative of an alien?	No
Is the Applicant a corporation organized under the laws of any foreign government?	No
Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	Yes

The Alien Ruling question is not answered.

Basic Qualifications

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

Demographics

Race	
Ethnicity	Sex

Additional Certifications

Operation/Performance Requirement Certification

For a site-based license

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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



FEDERAL COMMUNICATIONS COMMISSION
Wireless Telecommunications Bureau

Spectrum Leasing Arrangement

06/18/2026

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

Reference Number:

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

Type of Lease Arrangement	Lease Term	Lease Identifier
Spectrum Manager Lease	Long Term	L000008155

Lease Grant/Accepted Date	Lease Commencement Date	Lease Expiration Date
03/17/2011	03/25/2011	06/13/2029

Call Sign	Radio Service
WQJQ692	WU - 700 MHz Upper Band (Block C)

Lessee Information
0001836709
KENTUCKY RSA NO. 1 PARTNERSHIP
Attn: REGULATORY
1120 SANCTUARY PKWY #150 - GASA5REG
ALPHARETTA, GA 30009

Licensee Information
0003290673
CELLCO PARTNERSHIP
Attn: REGULATORY
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Geographically-Licensed Services		
Market Number	Market Name	Channel Block
REA004	Mississippi Valley	C

Condition:

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

Conditions:

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

ULS Application

0008616845 - Kentucky RSA No. 1 Partnership

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

General Information

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

Licensee Information

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

Licensee Contact Information

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

FRN	0001836709	Type	General Partnership
Name	Kentucky RSA No. 1 Partnership ATTN Cellco Partnership 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022		P:(770)797-1070 E:LicensingCompliance@verizonwireless.com
Real Party In Interest	Cellco Partnership	FRN of Real Party in Interest	0003290673
Race		Gender	
Ethnicity			

Lessee Contact Information

Name Verizon
 Sarah Trosch
 1300 I Street, NW - Suite 500
 East
 Washington, DC 20005

P:(202)515-2453
 E:sarah.trosch@verizon.com

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

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

Conditions:

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

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA718

File Number: 0009793647

Print Date: 02-23-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

AWS (1710-1755 MHz and 2110-2155 MHz) - 0009793647 - Cellco Partnership

File Number	0009793647	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Call Sign	WQGA718	Application Status	G - Granted

General Information

Application Purpose	RO - Renewal Only		
Existing Radio Service			
Authorization Type	Regular	Emergency STA	
Receipt Date	11/12/2021	Action Date	02/22/2022
Entered Date	11/11/2021	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments	Yes	Grandfathered Privileges	No
Application Fee Exempt	No	Regulatory Fee Exempt	No
Major Request			
Use Question			

Market Data

Market	REA004 - Mississippi Valley	Channel Block	F
Submarket Designator	15	Associated Frequencies (MHz)	001745.00000000-001755.00000000 002145.00000000-002155.00000000

Applicant Information

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

Contact Information

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

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

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

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**Federal Communications Commission
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE: CELLCO PARTNERSHIP**

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

Call Sign WQGA959	File Number 0009775569
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date 01-03-2022	Effective Date 01-03-2022	Expiration Date 11-29-2036	Print Date 01-05-2022
Market Number BEA071	Channel Block B	Sub-Market Designator 0	
Market Name Nashville, TN-KY			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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

Conditions:

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

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA959

File Number: 0009775569

Print Date: 01-05-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Uls Application

AWS (1710-1755 MHz and 2110-2155 MHz) - 0009775569 - Cellco Partnership

File Number	0009775569	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Call Sign	WQGA959	Application Status	G - Granted

General Information

Application Purpose	RO - Renewal Only		
Existing Radio Service			
Authorization Type	Regular	Emergency STA	
Receipt Date	10/26/2021	Action Date	01/03/2022
Entered Date	10/26/2021	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments	Yes	Grandfathered Privileges	No
Application Fee Exempt	No	Regulatory Fee Exempt	No
Major Request			
Use Question			

Market Data

Market	BEA071 - Nashville, TN-KY	Channel Block	B
Submarket Designator	0	Associated Frequencies (MHz)	001720.00000000-001730.00000000 002120.00000000-002130.00000000

Applicant Information

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

Contact Information

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

Radio Service Mobile
Type

Regulatory Status Common Carrier

Interconnected Yes

Alien Ownership

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

Basic Qualifications

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

Demographics

Race

Ethnicity

Sex

Additional Certifications**Operation/Performance Requirement Certification****For a site-based license**

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

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

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

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

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

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

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

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

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

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

Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its

facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

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

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

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

Conditions:

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

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA960

File Number: 0009775572

Print Date: 01-05-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Uls Application

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

File Number	0009775572	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Call Sign	WQGA960	Application Status	G - Granted

General Information

Application Purpose	RO - Renewal Only
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Existing Radio Service	
------------------------	--

Authorization Type	Regular
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Emergency STA	
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Receipt Date	10/26/2021
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Action Date	01/03/2022
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Entered Date	10/26/2021
--------------	------------

Requested Expiration Date	
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Waiver	No
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Number of Rules	
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Attachments	Yes
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Grandfathered Privileges	No
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Application Fee Exempt	No
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Regulatory Fee Exempt	No
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Major Request	
---------------	--

Use Question	
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Market Data

Market	BEA072 - Paducah, KY-IL
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Channel Block	B
---------------	---

Submarket Designator	0
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Associated Frequencies (MHz)	001720.00000000-001730.00000000 002120.00000000-002130.00000000
------------------------------	--

Applicant Information

FRN	0003290673
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Type	General Partnership
------	---------------------

Name	Cellco Partnership 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022
------	---

P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com

Real Party in Interest	
------------------------	--

FRN of Real Party in Interest	
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Contact Information

Name	Cellco Partnership Licensing Manager 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022
------	--

P:(770)797-1070 F:(770)797-1036 E:LicensingCompliance@VerizonWireless.com

facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.

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

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

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

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

Conditions:

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

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGD606

File Number: 0009565676

Print Date: 07-09-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

AWS (1710-1755 MHz and 2110-2155 MHz) - 0009724435 - New Cingular Wireless PCS, LLC

File Number	0009724435	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Call Sign	WQGD606	Application Status	G - Granted

General Information

Application Purpose	RO - Renewal Only		
Existing Radio Service			
Authorization Type	Regular	Emergency STA	
Receipt Date	09/22/2021	Action Date	12/16/2021
Entered Date	09/22/2021	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments	Yes	Grandfathered Privileges	No
Application Fee Exempt	No	Regulatory Fee Exempt	No
Major Request			
Use Question			

Market Data

Market	BEA072 - Paducah, KY-IL	Channel Block	C
Submarket Designator	0	Associated Frequencies (MHz)	001730.00000000-001735.00000000 002130.00000000-002135.00000000

Applicant Information

FRN	0003291192	Type	Limited Liability Company
Name	New Cingular Wireless PCS, LLC 208 S Akard St. RM 2100 Dallas, TX 75202 ATTN FCC GROUP		P:(855)699-7073 E:FCCMW@att.com
Real Party in Interest		FRN of Real Party in Interest	

Contact Information

Name	AT&T Services, Inc. Cecil J Mathew 208 S Akard St., RM 2100 Dallas, TX 75202	P:(855)699-7073 E:FCCMW@att.com
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Qualifications, Ownership

Radio Service Type Fixed, Mobile

Regulatory Status Non-Common Carrier Interconnected No

Alien Ownership

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

Basic Qualifications

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

Demographics

Race

Ethnicity

Sex

Additional Certifications

Operation/Performance Requirement Certification

For a site-based license

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Discontinuance of Service Certification

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

Regulatory Compliance Certification

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

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**Federal Communications Commission
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

Grant Date 01-10-2020	Effective Date 06-25-2025	Expiration Date 06-13-2029	Print Date 01-14-2020
Market Number REA004	Channel Block C	Sub-Market Designator 0	
Market Name Mississippi Valley			
1st Build-out Date 06-13-2013	2nd Build-out Date 06-13-2019	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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

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

Conditions:

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

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQJQ692

File Number: 0008587218

Print Date: 01-14-2020

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0012051020 - SDF, Inc.

File Number	0012051020	Application Status	G - Granted
Application Purpose	LN - New Lease	Classification of Lease	<i>De Facto</i> Transfer

General Information

Application Purpose	LN - New Lease		
Receipt Date	05/28/2026		
Entered Date	05/28/2026	Action Date	06/10/2026
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Licensee Information

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

Licensee Contact Information

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

FRN	0035296011	Type	Corporation
Name	SDF, Inc. ATTN Oren Pelleg 8609 Westwood Center Drive, Suite 110 Tysons, VA 22182		P:(571)250-7076 E:oren@sdf-tech.com
Real Party In Interest	SDF, Inc.	FRN of Real Party in Interest	0035296011
Race		Gender	

Ethnicity

Lessee Contact Information

Name	Lukas, LaFuria, Lantor & Sachs, LLP ATTN Todd Slamowitz 8350 Broad Street, Suite 1450 Tysons, VA 22102	P:(703)584-8673 E:tslamowitz@fcclaw.com
------	--	--

Lessee Qualifications and Ownership Information

Radio Service
Type

Regulatory Status Interconnected

Alien Ownership

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

Basic Qualifications

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

EXHIBIT B

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



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615

EV OLIVE HAMLET KY-4166

OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

TENANT: KENTUCKY RSA NO. 1 PARTNERSHIP d/b/a VERIZON WIRELESS
"EV OLIVE HAMLET"



SCAN QR CODE FOR
DIRECTIONS TO SITE

DIRECTIONS

APC Towers
IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:

Kimley»Horn

500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

NEW 245' GUYED TOWER
w/ 5' LIGHTNING ROD
TOTAL TOWER HEIGHT 250'

TOWER OWNER SITE

EV OLIVE HAMLET
SITE #: 5000989217

VERIZON WIRELESS SITE

EV OLIVE HAMLET
PROJECT#: 17564600
MARKET ID: 232
MDG#: 5000989217

SITE ADDRESS

OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY
E911 ADDRESS: -----

TOWER OWNER

APC TOWERS IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
CONTACT: JONATHAN GREENE
PHONE: 704-724-8382
E-MAIL: jgreen@apctowers.com

PROPERTY OWNER

TIMOTHY L RILEY & AMY L RILEY
2941 CURD RD,
BENTON, KY 42025
CONTACT: TIMOTHY L RILEY & AMY
L RILEY
PHONE: 270-994-0802
E-MAIL: N/A

POLICE

BENTON CITY POLICE DEPARTMENT
1009 MAIN ST,
BENTON, KY 42025
PHONE: 270-527-3126

FIRE

FAIRDEALING-OLIVE FIRE DEPARTMENT
8045 US-68,
BENTON, KY 42025
PHONE: 270-354-8541

GENERAL INFORMATION

LATITUDE - 36° 47' 49.45" N
LONGITUDE - 88° 15' 17.68" W
1983 (NAD83)
ELEVATION - 473.83' AMSL
1988 (NAVD88)

TOWER OWNER LEASE AREA

100' X 100'
(10,000 SF)

VERIZON WIRELESS LEASE AREA

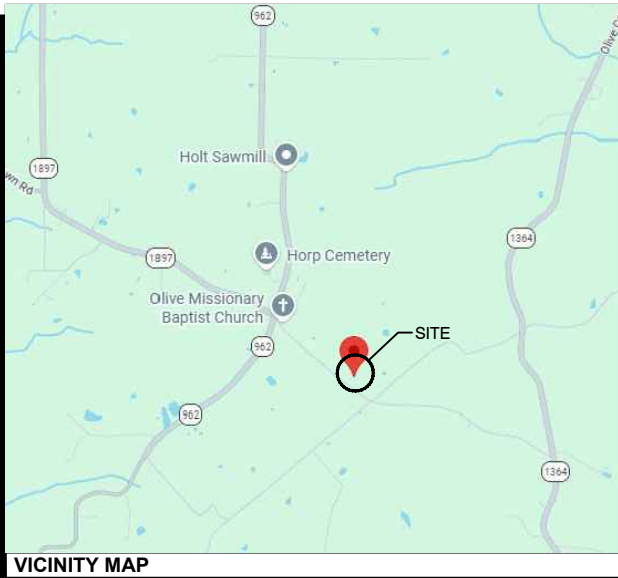
500 SF

PROJECT TOTAL DISTURBED AREA

COMPOUND: (3,600 SF)=(0.08 ACRE)
ACCESS DRIVE: (3,567 SF)=(0.08 ACRE)
GROSS AREA: (7,167 SF)=(0.16 ACRE)

ALL CONSTRUCTION ITEMS ARE TO BE COMPLETED BY
THE TOWER OWNER GENERAL CONTRACTOR UNLESS
NOTED AS (VZW GC) WHICH SHALL BE COMPLETED
BY THE VERIZON WIRELESS GENERAL CONTRACTOR

PROJECT SUMMARY



VICINITY MAP

PROJECT DESCRIPTION:

NOTE: ALL ITEMS WITHIN THESE CONSTRUCTION DOCUMENTS ARE BY TOWER OWNER'S GENERAL CONTRACTOR AND THEIR SUB-CONTRACTORS UNLESS NOTED AS (VZW GC) WHICH SHALL INCLUDE VERIZON WIRELESS GENERAL CONTRACTOR AND THEIR SUB-CONTRACTORS. GENERALLY DESCRIBED BELOW:

BITS COMPANY SCOPE:

- INSTALL A NEW 245' GUYED TOWER w/ CABLE SUPPORT AND FOUNDATION
- INSTALL A NEW TOWER FOUNDATION SYSTEM
- INSTALL A NEW 60' x 60' FENCED GRAVEL COMPOUND
- INSTALL A NEW ELECTRICAL SERVICE RUN TO NEW UTILITY H-FRAME
- INSTALL A NEW GRAVEL ACCESS DRIVE
- NO WATER OR SEWAGE SERVICES RUN TO SITE
- INSTALL NEW TOWER & SITE GROUNDING SYSTEM
- INSTALL NEW VZW SUBSURFACE GROUNDING SYSTEM
- INSTALL NEW VZW CONCRETE EQUIPMENT AND GENERATOR PADS
- INSTALL VZW ICE BRIDGE AND FOUNDATIONS
- INSTALL VZW EQUIPMENT H-FRAME AND FOUNDATIONS
- INSTALL ELECTRICAL SERVICE CONDUIT WITH PULL TAPES FROM ILC ENCLOSURE STUB-UP TO UTILITY H-FRAME
- INSTALL NEW CONDUITS WITH PULL TAPES FROM VZW ILC STUB-UP LOCATION TO THE GENERATOR STUB-UP AT VZW EQUIPMENT PAD
- INSTALL (2) 1-1/4" SMOOTHWALL SDR-11 HDPE FIBER OPTIC CONDUITS W/ PULL TAPES AND TRACER WIRE FROM "VERIZON WIRELESS ONLY" HAND HOLE OUTSIDE COMPOUND TO VZW EQUIPMENT PAD
- INSTALL CONDUIT FOR FUTURE FIBER RUNS. 4" FROM HOFFMAN LOCATED ON COMMUNITY H-FRAME TO HANDHOLE OUTSIDE COMPOUND AND HANDHOLE AT R.O.W.
- INSTALL (3) NEW "VERIZON WIRELESS ONLY" 1-1/4" SMOOTHWALL SDR-11 HDPE FIBER OPTIC CONDUITS WITH PULL TAPES AND TRACER WIRE FROM NEW "VERIZON WIRELESS ONLY" 24"x36" HAND HOLE OUTSIDE COMPOUND TO NEW "VERIZON WIRELESS ONLY" 24"x36" HAND HOLE AT R.O.W.
- PERMANENT ELECTRIC POWER MUST BE AVAILABLE FOR VERIZON WIRELESS AT THE METER BASE PRIOR TO THE SITE BEING RELEASED AS TENANT READY

VERIZON WIRELESS SCOPE (VZW GC):

- INSTALL VZW PREFABRICATED CANOPY AND FOUNDATIONS
- INSTALL VZW ANTENNA MOUNTING SUPPORT STRUCTURE ON TOWER
- INSTALL VZW ANTENNAS, LINES, COAX, GPS ANTENNA AND RADIO EQUIPMENT
- INSTALL EXISTING SUBSURFACE GROUND LEADS TO VZW EQUIPMENT & FACILITIES
- INSTALL VZW ELECTRIC SERVICE CONDUCTORS FROM UTILITY H-FRAME TO VZW ILC ENCLOSURE
- INSTALL NEW CONDUITS WITH PULL TAPES FROM RF CABINET TO OVP H-FRAME LIT FIBER LOCATION
- INSTALL NEW CONDUITS AND CIRCUITS FROM VZW ILC ENCLOSURE TO EQUIPMENT ENCLOSURES AT VZW EQUIPMENT PAD
- 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 G (INCLUDES ADDENDUM #2)
MECHANICAL CODE	2015 KENTUCKY MECHANICAL CODE (IMC 2015)
PLUMBING CODE	KENTUCKY STATE PLUMBING CODE (815 KAR CHAP. 20)
ELECTRICAL CODE	2023 KENTUCKY ELECTRICAL CODE (NFPA 70,2023)-AMENDED
FIRE	2015 INTERNATIONAL FIRE CODE (2015 IFC)
LIFE SAFETY CODE	2018 KENTUCKY LIFE SAFETY CODE (NFPA 101, 2018)
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

BENCHMARK SERVICES
PHONE: 812-683-3049

ARCHITECTURAL

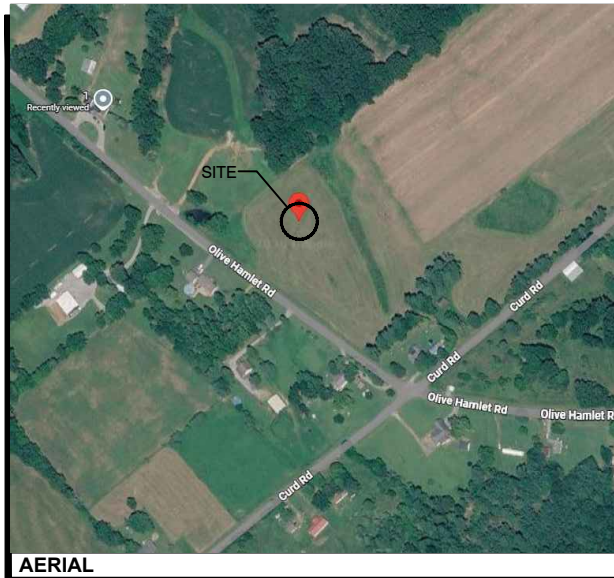
KIMLEY-HORN AND ASSOCIATES
500 EAST 96TH STREET
INDIANAPOLIS, IN 46240
CONTACT: JASON RIGGS
PHONE: 317-505-0681
EMAIL: jason.riggs@kimley-horn.com

ELECTRICAL

STREET ADDRESS
CITY, ST ZIP
PHONE:

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

CONSULTANT TEAM



AERIAL

SHEET NUMBER DESCRIPTION

T-1ZD PROJECT INFORMATION, SITE MAPS, SHEET INDEX
SURVEY PLAN

CIVIL

C-0A 500' RADIUS & ADJOINERS MAP
C-0B 200' RADIUS & ADJOINERS MAP
C-0C ADJOINING PARCELS MAP
C-1 OVERALL SITE PLAN AND UTILITY
C-2 GRADING PLAN
C-3 DETAILED SITE PLAN
C-4 DIMENSIONED SITE PLAN
C-5 DETAILED EQUIPMENT PAD PLAN
C-6 GENERAL SITE CONSTRUCTION NOTES
C-7 EROSION CONTROL DETAILS AND NOTES

SITE DETAILS

D-1 FENCE DETAILS AND NOTES
D-2 SITE DETAILS
D-3 EQUIPMENT PAD & CANOPY ELEVATIONS
D-4 SITE SIGNAGE

STRUCTURAL

S-1 EQUIPMENT FOUNDATION DETAILS AND NOTES
S-2 ICE BRIDGE PLAN AND DETAILS
S-3 FOUNDATION PLAN AND DETAILS

TOWER ELEVATION

TE-1 TOWER ELEVATION

REV: DATE: DESCRIPTION: BY:

A	06/08/26	ISSUED FOR ZONING	GT

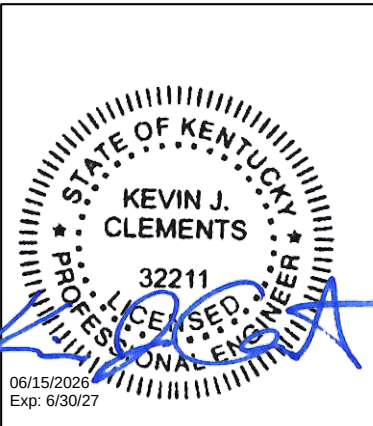
DRAWN BY: CHECKED BY:

GT GP

KHA PROJECT NUMBER:

P-000001

ENGINEER SEAL:



PROJECT INFORMATION:

KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE:

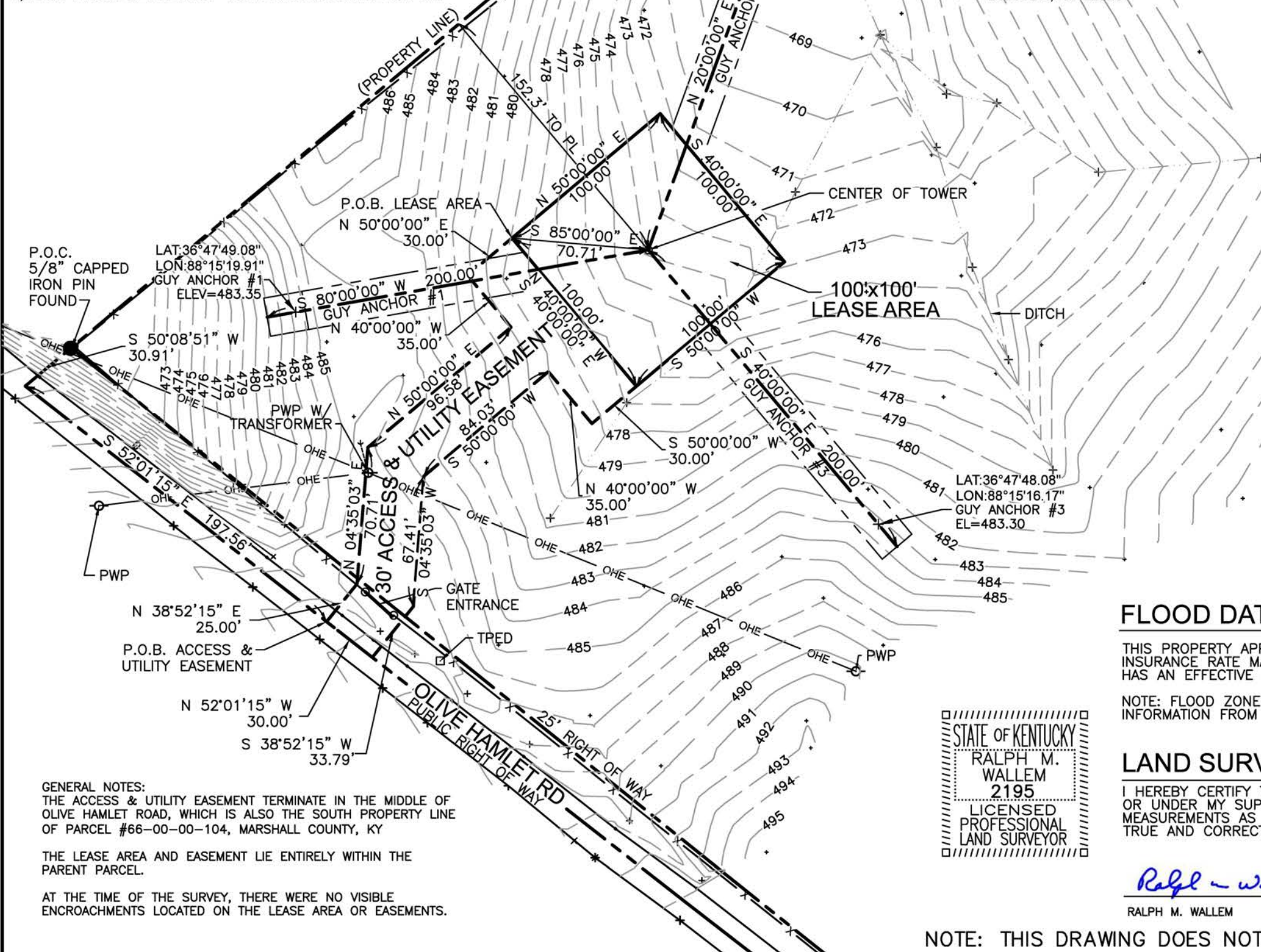
TITLE SHEET

SHEET NUMBER:

T-1 ZD

CENTER OF TOWER
COORDINATE POINT LOCATION
NAD 1983
LATITUDE: 36°47'49.45" N
(36.79706884)
LONGITUDE: 88°15'17.68" W
(-88.25491127)
NAVD 1988
ELEVATION 473.83 AMSL

152.3' FROM CENTER OF TOWER TO WESTERLY P/L
260.0' FROM CENTER OF TOWER TO SOUTHERLY P/L
516.5' FROM CENTER OF TOWER TO EASTERLY P/L
4,520.0' FROM CENTER OF TOWER TO NORTHERLY P/L



GENERAL NOTES:
THE ACCESS & UTILITY EASEMENT TERMINATE IN THE MIDDLE OF OLIVE HAMLET ROAD, WHICH IS ALSO THE SOUTH PROPERTY LINE OF PARCEL #66-00-00-104, MARSHALL COUNTY, KY

THE LEASE AREA AND EASEMENT LIE ENTIRELY WITHIN THE PARENT PARCEL.

AT THE TIME OF THE SURVEY, THERE WERE NO VISIBLE ENCROACHMENTS LOCATED ON THE LEASE AREA OR EASEMENTS.

STATE OF KENTUCKY
RALPH M. WALLEM
2195
LICENSED PROFESSIONAL LAND SURVEYOR

FLOOD DATA

THIS PROPERTY APPEARS TO BE IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 21157C0170E WHICH HAS AN EFFECTIVE DATE OF JUNE 2, 2011.

NOTE: FLOOD ZONE INFORMATION SHOWN HEREON IS BASED ON INFORMATION FROM A FEMA SCALED MAP AND GPS OBSERVATION.

LAND SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT AND SURVEY WERE MADE BY ME OR UNDER MY SUPERVISION AND THAT THE ANGULAR AND LINERAR MEASUREMENTS AS WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Ralph M. Wallem

RALPH M. WALLEM

PLS NO KY LS 2195

NOTE: THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.

Kimley»Horn

500 EAST 96TH STREET
INDIANAPOLIS, IN 46240
PHONE: (317) 218-9560

APC Towers

8601 SIX FORKS ROAD
SUITE 250
RALEIGH, NC 27615

BENCHMARK
SERVICES, INC.

Consulting Engineers
Land Surveyors
318 North Main Street
Huntingburg, IN 47542
(812) 683-3049
benchmark@mw.twcnc.com

SITE ID:
KY-4166

SITE NAME:
EV OLIVE HAMLET

PARCEL ID NUMBER:
66-00-00-104

LANDOWNER:
TIMOTHY L RILEY
& AMY L. RILEY
2941 CURD RD
BENTON, KY 42025

SITE ADDRESS:
OLIVE HAMLET RD
BENTON, KY 42025

LEASE AREA:
10000 SQ. FT.

INSTRUMENT #
#191205

COUNTY:
MARSHALL COUNTY

LATITUDE: 36°47'49.45" N
LONGITUDE: 88°15'17.68" W

DWG BY: GVV
CHKD BY: RMW
DATE: 2.17.26

NO.	REVISION/ISSUE	DATE:
1.	GUY ANCHOR DAYLIGHT POINTS ELEVATIONS	4.23.26

TITLE:
SURVEY PLAN

SHEET:
1 OF 4

DESCRIPTION OF GUY ANCHOR #1

SITUATED IN THE COUNTY OF MARSHALL, KENTUCKY AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 5/8” CAPPED IRON PIN FOUND ALONG THE NORTHERN RIGHT OF WAY LINE OF OLIVE HAMLET ROAD AT THE SOUTHWESTERN MOST CORNER OF THE TIMOTHY L AND AMY L. RILEY PROPERTY; SAID POINT ALSO BEING THE SOUTHEASTERN MOST CORNER OF THE JOHNNY O'BRYAN PARCEL; THENCE ALONG SAID PARCEL LINE BEARING SOUTH 50 DEGREES 08 MINUTES 51 SECONDS WEST 30.91 FEET TO THE CENTER OF OLIVE HAMLET ROAD; THENCE ALONG SAID ROAD SOUTH 52 DEGREES 01 MINUTES 15 SECONDS EAST 197.56 FEET; THENCE NORTH 38 DEGREES 52 MINUTES 15 SECONDS EAST 25.00 FEET; THENCE NORTH 04 DEGREES 35 MINUTES 03 SECONDS EAST 70.71 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 96.58 FEET; THENCE NORTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 35.00 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 30.00 FEET TO THE WESTERN MOST LEASE CORNER; THENCE NORTH 85 DEGREES 00 MINUTES 00 SECONDS EAST 70.71 FEET TO THE CENTER OF TOWER AND BEING THE TRUE PLACE OF BEGINNING OF THIS GUY EASEMENT; THENCE ON AND ALONG A LINE 10 FEET ON BOTH SIDES OF THE FOLLOWING DESCRIBED LINE SOUTH 80 DEGREES 00 MINUTES 00 SECONDS WEST 200.00 FEET TO THE TERMINUS. THE SIDELINES SHALL BE LENGTHENED OR SHORTENED TO TERMINATE IN THE LEASE LINE.

DESCRIPTION OF GUY ANCHOR #2

SITUATED IN THE COUNTY OF MARSHALL, KENTUCKY AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 5/8” CAPPED IRON PIN FOUND ALONG THE NORTHERN RIGHT OF WAY LINE OF OLIVE HAMLET ROAD AT THE SOUTHWESTERN MOST CORNER OF THE TIMOTHY L AND AMY L. RILEY PROPERTY; SAID POINT ALSO BEING THE SOUTHEASTERN MOST CORNER OF THE JOHNNY O'BRYAN PARCEL; THENCE ALONG SAID PARCEL LINE BEARING SOUTH 50 DEGREES 08 MINUTES 51 SECONDS WEST 30.91 FEET TO THE CENTER OF OLIVE HAMLET ROAD; THENCE ALONG SAID ROAD SOUTH 52 DEGREES 01 MINUTES 15 SECONDS EAST 197.56 FEET; THENCE NORTH 38 DEGREES 52 MINUTES 15 SECONDS EAST 25.00 FEET; THENCE NORTH 04 DEGREES 35 MINUTES 03 SECONDS EAST 70.71 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 96.58 FEET; THENCE NORTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 35.00 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 30.00 FEET TO THE WESTERN MOST LEASE CORNER; THENCE NORTH 85 DEGREES 00 MINUTES 00 SECONDS EAST 70.71 FEET TO THE CENTER OF TOWER AND BEING THE TRUE PLACE OF BEGINNING OF THIS GUY EASEMENT; THENCE ON AND ALONG A LINE 10 FEET ON BOTH SIDES OF THE FOLLOWING DESCRIBED LINE NORTH 20 DEGREES 00 MINUTES 00 SECONDS EAST 200.00 FEET TO THE TERMINUS. THE SIDELINES SHALL BE LENGTHENED OR SHORTENED TO TERMINATE IN THE LEASE LINE.

DESCRIPTION OF GUY ANCHOR #3

SITUATED IN THE COUNTY OF MARSHALL, KENTUCKY AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 5/8” CAPPED IRON PIN FOUND ALONG THE NORTHERN RIGHT OF WAY LINE OF OLIVE HAMLET ROAD AT THE SOUTHWESTERN MOST CORNER OF THE TIMOTHY L AND AMY L. RILEY PROPERTY; SAID POINT ALSO BEING THE SOUTHEASTERN MOST CORNER OF THE JOHNNY O'BRYAN PARCEL; THENCE ALONG SAID PARCEL LINE BEARING SOUTH 50 DEGREES 08 MINUTES 51 SECONDS WEST 30.91 FEET TO THE CENTER OF OLIVE HAMLET ROAD; THENCE ALONG SAID ROAD SOUTH 52 DEGREES 01 MINUTES 15 SECONDS EAST 197.56 FEET; THENCE NORTH 38 DEGREES 52 MINUTES 15 SECONDS EAST 25.00 FEET; THENCE NORTH 04 DEGREES 35 MINUTES 03 SECONDS EAST 70.71 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 96.58 FEET; THENCE NORTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 35.00 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 30.00 FEET TO THE WESTERN MOST LEASE CORNER; THENCE NORTH 85 DEGREES 00 MINUTES 00 SECONDS EAST 70.71 FEET TO THE CENTER OF TOWER AND BEING THE TRUE PLACE OF BEGINNING OF THIS GUY EASEMENT; THENCE ON AND ALONG A LINE 10 FEET ON BOTH SIDES OF THE FOLLOWING DESCRIBED LINE SOUTH 40 DEGREES 00 MINUTES 00 SECONDS EAST 200.00 FEET TO THE TERMINUS. THE SIDELINES SHALL BE LENGTHENED OR SHORTENED TO TERMINATE IN THE LEASE LINE.

TITLE COMMITMENT

Issuing Agent: Old Republic National Title Insurance Company
Loan ID Number: KY-4166
Commitment Number: 01-25070405-01T
Property Address: 2941 CURD ROAD BENTON, KY 42025
Commitment Date: 11/17/2025 at 7:00 a.m.
Proposed Insured: APC TOWERS IV, LLC
The estate or interest to be insured: Leasehold
The estate or interest in the Land at the Commitment Date is: Fee Simple
The Title is, at the Commitment Date, vested in: AMY KATHERINE LOVETT RILEY AND TIMOTHY LAKE RILEY, WIFE AND HUSBAND and, as disclosed in the Public Records, has been since 11/08/1999
The Land is described as follows: SEE ATTACHED EXHIBIT "A"

CERTIFY TO: OLD REPUBLICNATIONAL TITLE INSURANCE COMPANY & APC TOWERS IV, LLC

I CERTIFY THAT THIS PLAT AND SURVEY WERE MADE BY ME UNDER MY SUPERVISION, AND THAT THE ANGULAR AND LINEAR MEASUREMENTS, AS WITNESSED BY MONUMENTS SHOWN HEREON, ARE TRUE AND CORRECT TO THE BEST OF MY ABILITY AND BELIEF. THIS SURVEY AND PLAT MEETS OR EXCEEDS THE MINIMUM STANDARDS OF THE GOVERNING AUTHORITIES.

SURVEYOR STATEMENT—MY COMMENTS ARE BASED SOLELY ON THE TITLE DOCUMENT THAT HAVE BEEN SUPPLIED TO ME BY THE TITLE COMPANY. SINCE THE TITLE DOCUMENTS ARE FURNISHED FOR THE PARENT TRACT, OUR TOPOGRAPHIC SURVEY IS OF A PORTION OF THAT TRACT. MY COMMENTS ARE RESTRICTED TO EXCLUSIONS THAT I CAN DETERMINE AFFECT ONLY OUR PORTION OF THE PARENT TRACT. NO BOUNDARY SURVEY WAS PERFORMED ON THE PARENT TRACT. THUS IT IS NOT POSSIBLE TO DETERMINE WITH CERTAINTY EXCLUSIONS REFERENCING THE PARENT TRACT.

DESCRIPTION OF LEASE AREA

SITUATED IN THE COUNTY OF MARSHALL, KENTUCKY AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 5/8” CAPPED IRON PIN FOUND ALONG THE NORTHERN RIGHT OF WAY LINE OF OLIVE HAMLET ROAD AT THE SOUTHWESTERN MOST CORNER OF THE TIMOTHY L AND AMY L. RILEY PROPERTY; SAID POINT ALSO BEING THE SOUTHEASTERN MOST CORNER OF THE JOHNNY O'BRYAN PARCEL; THENCE ALONG SAID PARCEL LINE BEARING SOUTH 50 DEGREES 08 MINUTES 51 SECONDS WEST 30.91 FEET TO THE CENTER OF OLIVE HAMLET ROAD; THENCE ALONG SAID ROAD SOUTH 52 DEGREES 01 MINUTES 15 SECONDS EAST 197.56 FEET; THENCE NORTH 38 DEGREES 52 MINUTES 15 SECONDS EAST 25.00 FEET; THENCE NORTH 04 DEGREES 35 MINUTES 03 SECONDS EAST 70.71 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 96.58 FEET; THENCE NORTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 35.00 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 30.00 FEET TO THE WESTERN MOST LEASE CORNER AND BEING THE TRUE PLACE OF BEGINNING OF THIS LEASE AREA DESCRIPTION; THENCE CONTINUING NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 100.00 FEET; THENCE SOUTH 40 DEGREES 00 MINUTES 00 SECONDS EAST 100.00 FEET; THENCE SOUTH 50 DEGREES 00 MINUTES 00 SECONDS WEST 100.00 FEET; THENCE NORTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 100.00 FEET TO THE TRUE PLACE OF BEGINNING AND CONTAINING 10,000 SQUARE FEET, (0.23 ACRES), MORE OR LESS.

DESCRIPTION OF NON-EXCLUSIVE 30' ACCESS & UTILITY EASEMENT

SITUATED IN THE COUNTY OF MARSHALL, KENTUCKY AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 5/8” CAPPED IRON PIN FOUND ALONG THE NORTHERN RIGHT OF WAY LINE OF OLIVE HAMLET ROAD AT THE SOUTHWESTERN MOST CORNER OF THE TIMOTHY L AND AMY L. RILEY PROPERTY; SAID POINT ALSO BEING THE SOUTHEASTERN MOST CORNER OF THE JOHNNY O'BRYAN PARCEL; THENCE ALONG SAID PARCEL LINE BEARING SOUTH 50 DEGREES 08 MINUTES 51 SECONDS WEST 30.91 FEET TO THE CENTER OF OLIVE HAMLET ROAD; THENCE ALONG SAID ROAD SOUTH 52 DEGREES 01 MINUTES 15 SECONDS EAST 197.56 FEET TO THE TRUE PLACE OF BEGINNING OF THIS ACCESS AND UTILITY EASEMENT DESCRIPTION; THENCE NORTH 38 DEGREES 52 MINUTES 15 SECONDS EAST 25.00 FEET; THENCE NORTH 04 DEGREES 35 MINUTES 03 SECONDS EAST 70.71 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 96.58 FEET; THENCE NORTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 35.00 FEET; THENCE NORTH 50 DEGREES 00 MINUTES 00 SECONDS EAST 30.00 FEET TO THE WESTERN MOST LEASE CORNER; THENCE SOUTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 30.00 FEET; THENCE NORTH 40 DEGREES 00 MINUTES 00 SECONDS WEST 35.00 FEET; THENCE SOUTH 50 DEGREES 00 MINUTES 00 SECONDS WEST 84.03 FEET; THENCE SOUTH 04 DEGREES 35 MINUTES 03 SECONDS WEST 67.41 FEET; THENCE SOUTH 38 DEGREES 52 MINUTES 15 SECONDS WEST 33.79 FEET; THENCE NORTH 51 DEGRESS 01 MINUTES 15 SECONDS WEST 30.00 FEET TO THE TRUE PLACE OF BEGINNING AND CONTAINING 8,663 SQUARE FEET, (0.20 ACRES), MORE OR LESS.

SCHEDULE "B" ITEMS

ITEMS 1 (NOT SURVEYOR RELATED ITEM)

2. Discrepancies, conflicts in boundary lines, encroachments, overlaps, variations or shortage in area or content, party walls and any other matters that would be disclosed by a correct survey and/or physical inspection of the land. (NO BOUNDARY SURVEY WAS PERFORMED. BENCHMARK SERVICES, INC WAS HIRED TO CREATE LEASE AREA DESCRIPTION AND ACCESS & UTILITY EASEMENTS)

ITEMS 3 THRU 6 (NOT SURVEYOR RELATED ITEMS)

7. Easement in favor of Jonathan Creek Water District, Recorded 06/19/2001, in Book 326, Page 568, in the Marshall County Records (EASEMENT APPEARS TO BE LOCATED ALONG OLIVE HAMLET ROAD, DOES NOT AFFECT THE LEASE AREA, DOES AFFECT THE ACCESS & UTILITY EASEMENT).

8. Easement in favor of Jonathan Creek Water District, Recorded 06/19/2001, in Book 367, Page 667, in the Marshall County Records.(EASEMENT APPEARS TO BE LOCATED EAST OF THE LEASE AREA, DOES NOT AFFECT THE LEASE AREA, DOES NOT AFFECT THE ACCESS & UTILITY EASEMENT).

9. Subject to Covenants, Restrictions, Reservations, Easements, Rights of Way, Building setback lines, if any, as shown on that Plat recorded 04/09/2024 in Book 6 Page 278 of the Marshall County records. (DOES NOT AFFECT THE LEASE AREA, DOES NOT AFFECT THE ACCESS & UTILITY EASEMENT)

END OF SCHEDULE "B" ITEMS

Ralph M. Wallem

RALPH M. WALLEM

PLS NO. KY LS 2195



Kimley»Horn

500 EAST 96TH STREET
INDIANAPOLIS, IN 46240
PHONE: (317) 218-9560

APC Towers

8601SIX FORKS ROAD
SUITE 250
RALEIGH, NC 27615



SITE ID:
KY-4166

SITE NAME:
EV OLIVE HAMLET

PARCEL ID NUMBER:
66-00-00-104

LANDOWNER:

TIMOTHY L RILEY
& AMY L. RILEY
2941 CURD RD
BENTON, KY 42025

SITE ADDRESS:
OLIVE HAMLET RD
BENTON, KY 42025

LEASE AREA:
10000 SQ. FT.

INSTRUMENT #
#191205

COUNTY:
MARSHALL COUNTY

LATITUDE: 36°47'49.45" N
LONGITUDE: 88°15'17.68" W

DWG BY: GVW
CHKD BY: RMW
DATE: 2.17.26

NO.	REVISION/ISSUE	DATE:
1.	GUY ANCHOR DAYLIGHT POINTS ELEVATIONS	4.23.26

TITLE:
SURVEY PLAN

SHEET:
2 OF 4

DESCRIPTION OF LEGAL DESCRIPTION-EXHIBIT "A" TITLE REPORT (NO BOUNDARY SURVEY WAS PERFORMED)

EXHIBIT "A"

Situated in the County of Marshall, State of Kentucky:

Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, Page 585), thence, North 84° 30' 05" West, 858 feet to a point in the fence line, thence, in a Northerly direction approximately 415 feet to a White Oak tree located on the southeast corner of the Wendell Norwood property, thence, South 84° 26' 59" East, 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, Page 483), thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

Less and Except:

Being a tract of land in Marshall County, Kentucky, Northeast of Hardin approximately two miles North of the intersection of Highway 80 and Highway 1364 on the north side of Walnut Grove—Olive Road, and more particularly described as: Beginning at a 1/2" rebar (set) in the north 20 foot right—of—way line of said road approximately 1460 feet West of Highway 1364; thence, North 43° 46' 51" East, 724.22 feet and severing the land of Bill Weir (Deed Book 198, page 613) a division line established by this survey to a 1/2" rebar (found), the southwest corner of Steven Wood (Deed Book 241, page 689); thence, with the south and east boundary of Wood marked with a 3/8" rebar pins and a fence as follows: North 77° 55' 49" East, 301.59 feet; North 21° 22' 11" West, 357.55 feet; South 61° 00' 49" West, 103.40 feet; North 26° 45' 11" West, 322.12 feet; North 07° 56' 21" East, 48.76 feet; North 44° 20' 02" East, 319.26 feet to a 3/8" rebar (found) in the west 25 foot right—of—way of Highway 1364 at the northeast corner of Wood; thence, with said right—of—way as follows: South 44° 27' 51" East, 222.73 feet; South 29° 07' 00" East, 322.76 feet; South 13° 33' 00" East, 1144.70 feet to the north corner of a church lot; thence, South 44°09' 00" West, 299.08 feet to a point in the north right—of—way of Walnut Grove—Olive Road; thence, with said right—of—way as follows: North 57° 06' 00" West, 234.54 feet; North 63° 06' 00" West, 307.24 feet; North 83° 08' 00" West, 342.45 feet; North 82° 50' 04" West, 233.89 feet to the point of beginning and containing 21.4755 acres.

Less and Except:

Being a 45.27 acre parcel of land carved out of a larger parent tract of land generally located on the north side of Curd Road (CR—1146) near the Community of Olive, approximately 3/10 miles west from Hwy. 1364, and being more particularly described as follows,

Unless Stated otherwise, any monument referred to herein as a "pipe and Cap" is a set 3/4" diameter schedule 40, steel pipe, eighteen (18") in length, with an orange plastic cap stamped J.E.S. LS #2236. All bearings stated herein are referred to the magnetic meridian as observed September 24, 1999, along the north boundary line of the subject property;

Beginning at the southeast corner of the herein described tract, said point being a 3/4" iron pipe set in the north right—of—way line of Curd Road, 30 feet from its centerline and being in the east side of an existing driveway entrance road;

Thence with a new division line established this survey and traversing across the grantors property, N 14 deg. 46' 05" W—2418.27 feet to an existing 3/4" iron pipe and cap #2236, said point being a common corner between this grantor and the Anthony Ham property (Deed book 308, Page 377);

Thence along the common boundary line north 89 deg. 43' 27. west—1390.60 feet to an existing 3/4" iron pipe & cap found by a corner stone, said point being a northwest corner of the parent tract of land;

Thence, along the east side of the Wendall Norwood property and the Jane Willie property, (deed book 216, page 634) as follows, S 3 deg. 27' 43" W—486.80 feet to a 3/4" iron pipe set at the base of a 22" Oak tree and fence corner, Thence, S 3 deg. 47'38" E—404.03 feet to a 3/4" iron pipe set by a crosstie post and fence corner,

Thence, continuing along the north side of the Willie property, S 86 deg. 17' 54" E—851.81 feet to a 3/4" iron pipe set by a crosstie post and fence corner;

Thence, along the east side of the Langston O'Bryan property (deed book 77, page 585), S 40 deg. 25' 23" E—825.57 feet to a 3/4" iron pipe set by a crosstie post & fence corner;

Thence, with a line, traversing across the grantors property. S 37 deg. 10'08" E—960.72 feet to a 3/4" iron pipe set in the north right—of—way line of Curd Road,

Thence, along said north right—of—way line, a sharp curve to the right, having a radius of 250.00 feet, a length of 44.50 feet subtended by a straight chord bearing of S 80 deg. 58' 02" E—44.45 feet back to the point of beginning.

Containing 45.27 acres according to a survey by James E. Stevenson, PLS NO. 2236, with J.E. Stevenson & Associates, on September 24, 1999.

Being The Same Property Conveyed To Amy Katherine Lovett Riley And Timothy Lake Riley, Wife And Husband, Grantee, From John E. Nimmo And Wife, Ruth Nimmo, Trustees for The Nimmo Living Trust Dated March 12, 1997, Grantor, By Deed Recorded 11/08/1999, as Book 315, Page 39 of the county records.

AND

Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, page 585), thence, North 84° 30' 05" West, 858 feet to a point in the fence line; thence, in a Northerly direction, approximately 415 feet to a White Oak tree located on the southeast corner of the Wendell Norwood property, thence, South 84° 26' 59" East. 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, page 483); thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

Being the same property conveyed to Amy Katherine Lovett Riley and husband, Timothy Lake Riley, jointly and equally with right of remainder in fee simple title to the survivor of them, from Jerry Franklin Lovett, II and Amy Katherine Lovett Riley, and husband, Timothy Lake Riley, Grantors, recorded 07/19/1999 as Book 311 Page 631 of the county records.

AND

TRACT 1

One lot or parcel of land off the Bern Lovett Homeplace and which lot is more particularly described as follows:

Beginning at a stake placed at the intersection of an old lane and a 40 foot driveway, which driveway runs in a northeasterly direction, and said beginning corner being west of the Alfred McGrew property (now 'owned by Jerry Lovett); thence, with said beginning point running in a northeasterly direction following the 40 foot driveway a distance of 168 feet to a stake, thence, in a Westerly direction a distance of 181 feet to a stake; thence. in a Southerly direction a distance of 88 feet to a stake placed in the boundary line of an old land owned by Kelly Means; thence, in an Easterly direction and with the old lane a distance of 182 feet to the point of beginning.

TRACT 2

Being a tract of land in Marshall County, Kentucky, northeast of Hardin approximately 2 miles north of the intersection of Hwy 80 and Hwy. 1364 on the north side of Walnut Grove—Olive Rd. and more particularly described as beginning at a 1/2 inch rebar (set) in the north 20 ft right—of—way line of said road approximately 1460 ft. west of Hwy 1364; thence North 43 degrees 46 minutes 51 seconds East 724.22 ft. and severing the land of Bill Weir (D.B 198 p. 613), a division line established by this survey, to a 1/2 inch rebar (found), the southwest corner of Steven Wood (D.B, 241 O P 689): thence with the south and east boundary of Wood marked with 3/8 inch rebar pins and a fence as follows; North 77 degrees 55 minutes 49 seconds East 301.59 ft. North 21 degrees 22 minutes 11 seconds West 357.55 ft South 61 degrees 00 minutes 49 seconds West 103. 40 ft. North 26 degrees 45 minutes 11 seconds West 322.12 ft. North 07 degrees 56 minutes 21 seconds East 48.76 ft. North 44 degrees 20 minutes 02 seconds East 319.26 ft. to a 3/8 inch rebar (found) in the west 25 ft. right—of—way of Hwy. 1364 at the northeast corner of Wood; thence with said right—of—way as follows: South 44 degrees 27 minutes 51 seconds East—222 73 ft. South 29 degrees 07 minutes 00 seconds East 322.76 ft. South 13 degrees 33 minutes 00 seconds East 1144.70 to the north corner of a church lot, thence south 44 degrees 09 minutes 00 seconds West 299.08 ft to a point in the north right—of—way of Walnut Grove—Olive Rd.; thence—with said right—of—way as follows; North 57 degrees 06 minutes 00 seconds West—234.54 ft North 63 degrees 06 minutes 00 seconds West 307.24 ft. North 83 degrees 08 minutes 00 seconds West 342.45 North 82 degrees 50 minutes 04 seconds West 223 89 ft to the point of beginning and containing 21.4755 acres.

Kimley»Horn

500 EAST 96TH STREET
INDIANAPOLIS, IN 46240
PHONE: (317) 218—9560

APC Towers

8601SIX FORKS ROAD
SUITE 250
RALEIGH, NC 27615



**BENCHMARK
SERVICES, INC.**
*Consulting Engineers
Land Surveyors*
318 North Main Street
Huntingburg, IN 47542
(812) 683-3049
benchmark@mw.twcbc.com

SITE ID: KY—4166		
SITE NAME: EV OLIVE HAMLET		
PARCEL ID NUMBER: 66—00—00—104		
LANDOWNER: TIMOTHY L RILEY & AMY L. RILEY 2941 CURD RD BENTON, KY 42025		
SITE ADDRESS: OLIVE HAMLET RD BENTON, KY 42025		
LEASE AREA: 10000 SQ. FT.		
INSTRUMENT # #191205		
COUNTY: MARSHALL COUNTY		
LATITUDE: 36°47'49.45" N LONGITUDE: 88°15'17.68" W		
DWG BY: GVW	CHKD BY: RMW	DATE: 2.17.26
NO.	REVISION/ISSUE	DATE:
1.	GUY ANCHOR DAYLIGHT POINTS ELEVATIONS	4.23.26
TITLE: SURVEY PLAN		
SHEET: 3 OF 4		

TRACT 3
Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, page 585); thence, North 84° 30' 05" West. 858 feet to a point in the fence line; thence, in a Northerly direction, approximately 415 feet to a Write Oak tree located on the southeast corner of the Wendell Norwood property. thence. South 84° 26' 59" East 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, page 483), thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

TRACT 4
PARCEL NO. 1
One-half (1/2) acre, more or less, lying on the North side of the Olive-Aurora Road and more particularly bounded and described as follows. Beginning at a point in the North line of the above mentioned road, which point is the Southwest corner of the parcel herein conveyed and the Southeast corner of a tract of land now owned by Langston O'Bryan, Running thence, North with O'Bryan's East line 5 21/2 yards to an iron stake, thence, in a southeasterly direction to another stake which is 17 1/2 yards North of the Olive-Aurora road, thence, South 17 1/2 yards to the north line of the road. thence West with the North line of the road 70 yards to the place of beginning.

PARCEL NO. 2
Beginning at a point in the Northwest corner of the intersection of Highway 1364 and the Olive-Walt Road, thence, in a Northeasterly direction along the West edge of Highway 1364 approximately 2,640 feet to a point which is a .common corner to the Buford property and the property herein conveyed; thence, in a Northwesterly direction along the Buford line, following a lane, approximately 340 feet to a point, thence, in a Southwesterly direction along the Buford line to a point, which is a common corner to the Means' property, the Buford property and the tract herein conveyed; thence. in a Southwesterly direction along the Means line approximately 660 feet to a common corner of the Vernon Lovett property and the property herein conveyed. thence, in a Southeasterly direction along Vernon Lovett's line approximately 990 feet. thence, in a Southwesterly direction along Vernon Lovett's line approximately 1,155 feet to the Olive-Wall Road; thence, along the East edge of the Olive-Wall Road in a Southeasterly direction 330 feet to a point where said road turns to the East; thence, continuing along the North edge of the Olive-Wall Road in a Northeasterly direction approximately 1,980 feet to the point of beginning, and containing 35 acres, more or less.

PARCEL NO. 3
Unit No. 1
Beginning at a stone on Clay Henson's line, same being the Northwest corner of the tract of land herein conveyed, thence N. 85° 30' E. 1517 feet to a ditch, thence, with the meanders of said ditch, South 1518 feet; thence, S. 17° W 654 feet; thence. S. 54° W 200 feet, thence, S 18° W 200 feet, thence, S. 57° W. 190 feet; thence, S. 75°W 150 feet, thence, S 30° W 275 feet to a point in center of said of said ditch; thence leaving said ditch South 14°W 432 feet to a point in roadway; thence N 44° W. 400 feet to a point thence N 5° W 2751 feet to the place of beginning.

The above description is per survey of Oscar Shemwell, surveyor, made on November 1, 1951.

Unit No 2
The East half of the S.W Qr Of Sec, 17 T 4 R 5 E containing 80 acres, more or less, and known as the John Collie land, and being the same deeded to J. W. Barnett by Leamon C. Cloys by Deed of date June 5. 1905, and of record in Deed Book No 32,

page 11, of the County Court Clerk's Office of Marshall County. Kentucky, and the same land conveyed to J G Thompson by deed — see Deed Book 33, page 98. THERE IS EXCEPTED from the above half Quarter forty acres off of the North end conveyed to Nolan L. Wyatt by J. G. Thompson by deed dated September 30, 1918, of record in Deed Book No 42, page 591, Marshall County Court Clerk's Office. Also conveyed is a roadway 16' wide extending from the land herein conveyed across the Reba Lovett land and the Hollie land to the new T V. A Highway.

Unit No. 3
A tract of land bounded as follows: Beginning where the Benton and Aurora road crosses the Curd Road. running with the Curd Road North 50 degrees East to a stone, the northwest corner of Lot No 5. thence, 40° W. 50 poles to a post oak tree, thence, South 50° West to the Benton and Aurora Road; thence, with said road to the beginning, containing forty-five (45) acres, more or less.

ALSO A tract of land described as follows: Beginning at the Northwest corner of the above described tract; thence, with W.L.Y. Chandler's line and W.T. Burpoe's line in a northerly direction to Florence Lee's corner, thence, East with Florence Lee's line to her southeast corner, thence, in a Southerly direction to a rock corner; thence, with the North line of the above described tract to the beginning, containing twenty-five (25) acres, more or less

EXCEPT One-half acre, more or less, lying on the North side of the Olive-Aurora Road, and more particularly bounded arid described as follows: Beginning at a point in the North line of the above mentioned road which point is the southwest corner of the parcel herein conveyed and the southeast corner of a tract of land now owned by Langston OBryan's running thence North with O'Bryan's east line 52 1/2 yards to an iron stake; thence in a southeasterly direction to another stake which is 17 1/2 yards North of the Olive-Aurora Road, thence, South 12 1/2 yards to the North line of the road 70 yards to the place of beginning. (See Deed Book 84, page 254)

EXCEPTION. The Grantors except from this conveyance and reserve and retain for themselves the following described property: Beginning at the intersection of the center lines of the Benton-Aurora Road and the Curd Road; thence North with the center line of Curd Road approximately 242 feet to a point opposite a new woven wire fence, thence, West along the line of said new fence approximately 190 feet to a corner fence post; thence South with a new woven wire fence approximately 250 feet to the center line of the Benton-Aurora Road, thence East with the center line of said Benton-Aurora Road to the beginning, subject to such rights as may be vested in the state, county or general public in and to said road rights-of-way.

PARCEL NO 4
A tract of land containing 15 acres, more or less, and more fully described as follows. Beginning at a point on the Curd Road. at the Southeast corner of the tract herein conveyed, also on the line Alfred McGrew, and thence, running North with Alfred McGrew's West line to the Northeast corner of the tract herein conveyed; thence. running with the ditch westerly to a fence and to the Northwest corner of the tract herein conveyed. which is also on the Burpoe Old line; thence. South with the line of Joe Lovett to the Curd Road, Southwest corner of the tract herein conveyed, thence. East with the Curd Road to the place of beginning

Also conveyed herewith are the Grantors' rights in and to a road approximately 15 to 16 feet wide along the former east line of the Joe Lovett property

Being the same property conveyed to Amy Katherine Lovett Riley, and husband Timothy Lake Riley, Jointly and equally with right of remainder in fee simple title to the survivor of the Grantees, from Jerry F. Lovett, II, single Amy Katherine Lovett Riley and husband, Timothy Lake Riley, Grantors, by deed recorded 06/24/1998 as Book 303 Page 578 of the Marshall County records.

AND

Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, page 585); thence, North 84° 30' 05" West, 858 feet to a point in the fence line; thence, in a Northerly direction, approximately 415 feet to a White Oak tree located on the southeast corner of the Wendell Norwood property; thence, South 84° 26' 59" East, 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, page 483); thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

Being the same property conveyed to Amy Katherine Lovett Riley and Jerry F. Lovett II, Grantees, by Deed from Jackie Willie and Jane Willie, his wife, and Ruth Nimmo and John Nimmo, her husband, Grantors, by deed recorded 05/22/1998 as Book 302 Page 686 of the Marshall County records.

Tax ID: 66-00-00-104

END OF SCHEDULE A

Kimley»Horn

500 EAST 96TH STREET
INDIANAPOLIS, IN 46240
PHONE: (317) 218-9560

APC Towers

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SUITE 250
RALEIGH, NC 27615

BENCHMARK
SERVICES, INC.

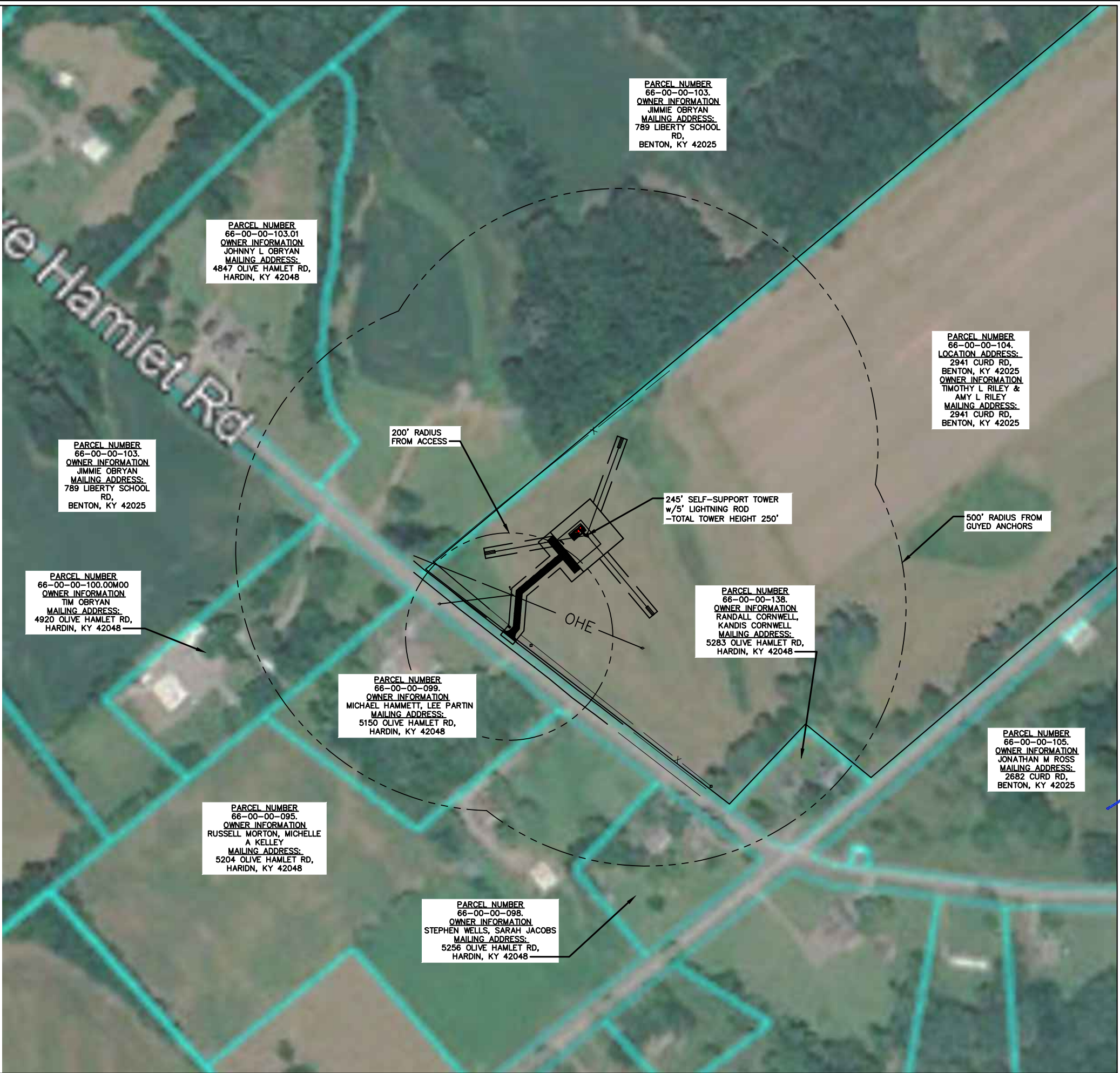
Consulting Engineers
Land Surveyors

318 North Main Street
Huntingburg, IN 47542
(812) 683-3049
benchmark@mw.twcnc.com

SITE ID: KY-4166		
SITE NAME: EV OLIVE HAMLET		
PARCEL ID NUMBER: 66-00-00-104		
LANDOWNER: TIMOTHY L RILEY & AMY L. RILEY 2941 CURD RD BENTON, KY 42025		
SITE ADDRESS: OLIVE HAMLET RD BENTON, KY 42025		
LEASE AREA: 10000 SQ. FT.		
INSTRUMENT # #191205		
COUNTY: MARSHALL COUNTY		
LATITUDE: 36°47'49.45" N LONGITUDE: 88°15'17.68" W		
DWG BY: GVW	CHKD BY: RMW	DATE: 2.17.26
NO.	REVISION/ISSUE	DATE:
1.	GUY ANCHOR DAYLIGHT POINTS ELEVATIONS	4.23.26
TITLE: SURVEY PLAN		
SHEET: 4 OF 4		

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



PARCEL NUMBER
66-00-00-103.01
OWNER INFORMATION
JOHNNY L OBRYAN
MAILING ADDRESS:
4847 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-103.
OWNER INFORMATION
JIMMIE OBRYAN
MAILING ADDRESS:
789 LIBERTY SCHOOL
RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-104.
LOCATION ADDRESS:
2941 CURD RD,
BENTON, KY 42025
OWNER INFORMATION
TIMOTHY L RILEY &
AMY L RILEY
MAILING ADDRESS:
2941 CURD RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-103.
OWNER INFORMATION
JIMMIE OBRYAN
MAILING ADDRESS:
789 LIBERTY SCHOOL
RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-100.00M00
OWNER INFORMATION
TIM OBRYAN
MAILING ADDRESS:
4920 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-099.
OWNER INFORMATION
MICHAEL HAMMETT, LEE PARTIN
MAILING ADDRESS:
5150 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-138.
OWNER INFORMATION
RANDALL CORNWELL,
KANDIS CORNWELL
MAILING ADDRESS:
5283 OLIVE HAMLET RD,
HARDIN, KY 42048

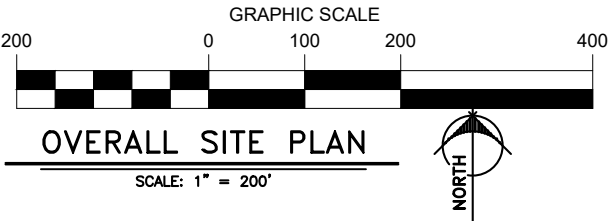
PARCEL NUMBER
66-00-00-105.
OWNER INFORMATION
JONATHAN M ROSS
MAILING ADDRESS:
2682 CURD RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-095.
OWNER INFORMATION
RUSSELL MORTON, MICHELLE
A KELLEY
MAILING ADDRESS:
5204 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-098.
OWNER INFORMATION
STEPHEN WELLS, SARAH JACOBS
MAILING ADDRESS:
5256 OLIVE HAMLET RD,
HARDIN, KY 42048



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RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:



500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

REV: DATE: DESCRIPTION: BY:

A	06/08/26	ISSUED FOR ZONING	GT

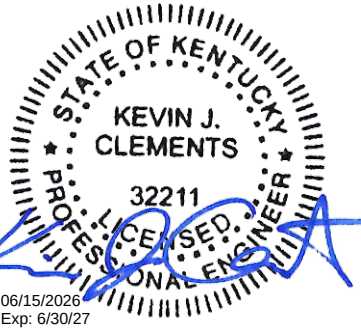
DRAWN BY: CHECKED BY:

GT GP

KHA PROJECT NUMBER:

P-000001

ENGINEER SEAL:



PROJECT INFORMATION:

KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE:

500' RADIUS &
ADJOINERS MAP

SHEET NUMBER:

C-0A

	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

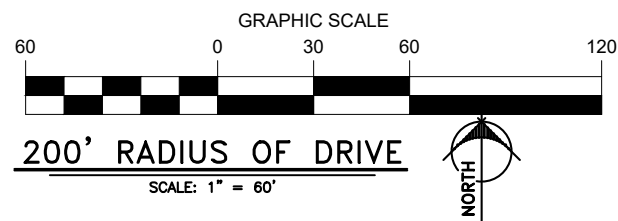
PARCEL NUMBER
66-00-00-103.
OWNER INFORMATION
JIMMIE OBRYAN
MAILING ADDRESS:
789 LIBERTY SCHOOL
RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-099.
OWNER INFORMATION
MICHAEL HAMMETT, LEE PARTIN
MAILING ADDRESS:
5150 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-104.
OWNER INFORMATION
TIMOTHY L RILEY &
AMY L RILEY
MAILING ADDRESS:
2941 CURD RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-095.
OWNER INFORMATION
RUSSELL MORTON, MICHELLE
A KELLEY
MAILING ADDRESS:
5204 OLIVE HAMLET RD,
HARDIN, KY 42048

EXISTING CONTOUR	— XXX —
PROPOSED CONTOUR	— XXX —
LOD/SILT FENCE	— — LOD — — //
UNDERGROUND TELEPHONE CONDUIT	— — — — —
UNDERGROUND ELECTRICAL CONDUIT	— — — — —
EDGE OF NEW DRIVE	— — — — —
LEASE AREA/EASEMENT	— . — . — . —
OVERHEAD UTILITY LINE	— — OE — — OE — —
NEW FENCE LINE	— X — X — X — X —
IRON PIN	
CONCRETE	
ACCESS DRIVE	



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WORKING DAYS BEFORE COMMENCING WORK.



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RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:



500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

REV: DATE: DESCRIPTION: BY:

A	06/08/26	ISSUED FOR ZONING	GT

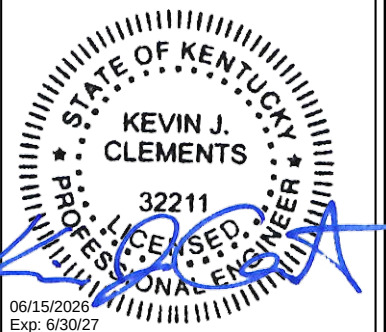
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GT	GP
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KHA PROJECT NUMBER: _____

P-000001

ENGINEER SEAL: _____



PROJECT INFORMATION:

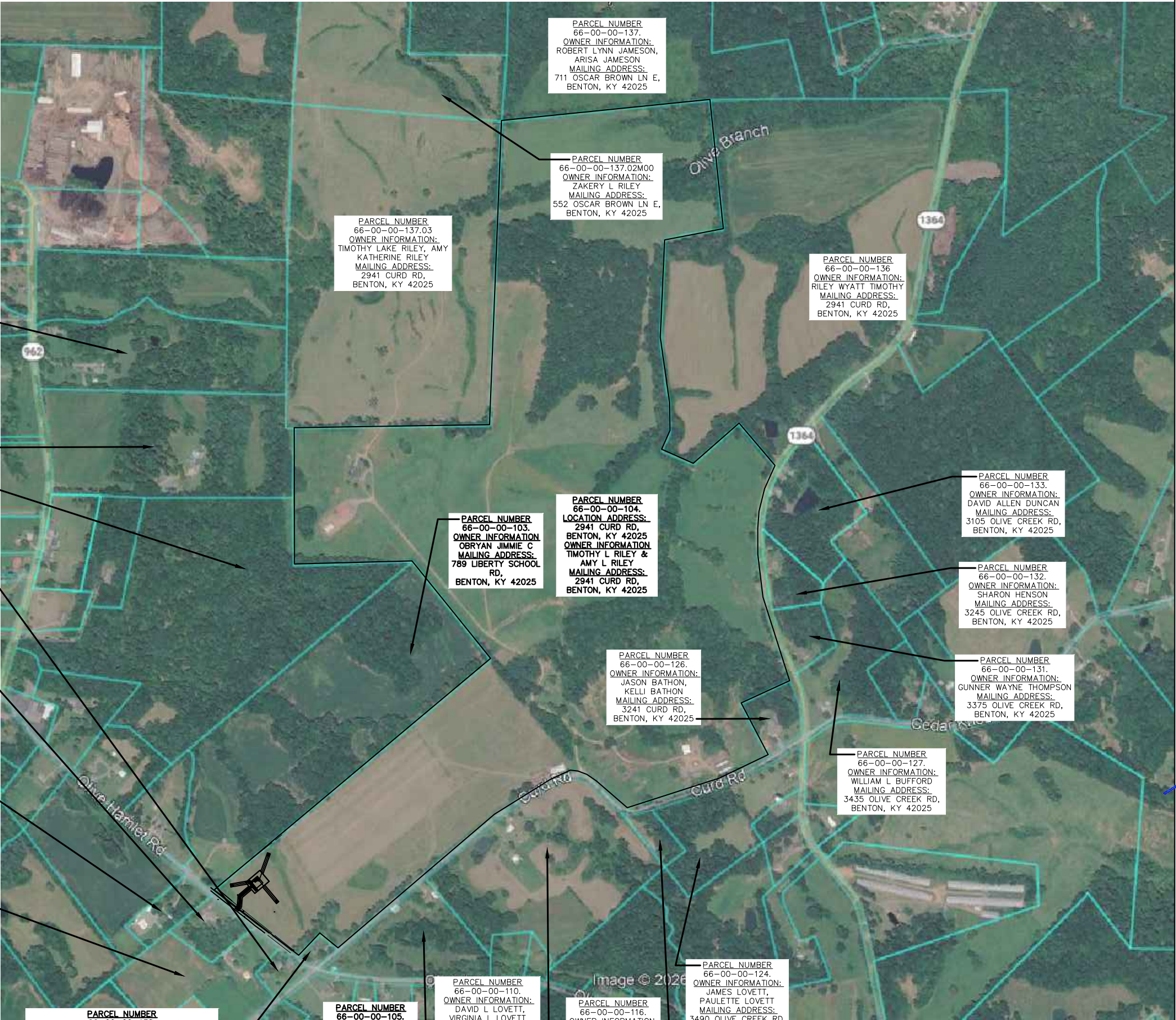
KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE: _____

200' RADIUS & ADJOINERS MAP

SHEET NUMBER: _____

C-0B



PARCEL NUMBER
66-00-00-017.
OWNER INFORMATION:
ZELLA ROWE,RALPH ROWE
MAILING ADDRESS:
3485 OLD OLIVE RD.
BENTON, KY 42025

PARCEL NUMBER
66-00-00-027
OWNER INFORMATION:
JACK WILLIE
JANE WILLIE
MAILING ADDRESS:
4727 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-098.
OWNER INFORMATION
WELLS STEPHEN
JACOBS SARAH
MAILING ADDRESS:
5256 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-099.
OWNER INFORMATION
HAMMETT MICHAEL LEE
PARTIN
MAILING ADDRESS:
5150 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-100.00M00
OWNER INFORMATION
OBRYAN TIM
MAILING ADDRESS:
4920 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-095.
OWNER INFORMATION
RUSSELL MORTON,
MICHELLE A KELLEY
MAILING ADDRESS:
5204 OLIVE HAMLET RD,
HARDIN, KY 42048

PARCEL NUMBER
66-00-00-138.
OWNER INFORMATION
RANDALL CONRWELL, KANDIS CORNWELL
MAILING ADDRESS:
5283 OLIVE HAMLET RD, HARDIN, KY 42048

PARCEL NUMBER
66-00-00-105.
OWNER INFORMATION
JONATHAN M ROSS
MAILING ADDRESS:
BENTON, KY 42025

PARCEL NUMBER
66-00-00-110.
OWNER INFORMATION:
DAVID L LOVETT,
VIRGINIA L LOVETT
MAILING ADDRESS:
FIRST KENTUCKY BANK
1262 PALMA RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-116.
OWNER INFORMATION:
DIANNA HAWKINS
MAILING ADDRESS:
3026 CURD RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-124.
OWNER INFORMATION:
JAMES LOVETT,
PAULETTE LOVETT
MAILING ADDRESS:
3490 OLIVE CREEK RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-137.02M00
OWNER INFORMATION:
ZAKERY L RILEY
MAILING ADDRESS:
552 OSCAR BROWN LN E,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-137.03
OWNER INFORMATION:
TIMOTHY LAKE RILEY, AMY
KATHERINE RILEY
MAILING ADDRESS:
2941 CURD RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-137.
OWNER INFORMATION:
ROBERT LYNN JAMESON,
ARISA JAMESON
MAILING ADDRESS:
711 OSCAR BROWN LN E,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-136
OWNER INFORMATION:
RILEY WYATT TIMOTHY
MAILING ADDRESS:
2941 CURD RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-133.
OWNER INFORMATION:
DAVID ALLEN DUNCAN
MAILING ADDRESS:
3105 OLIVE CREEK RD,
BENTON, KY 42025

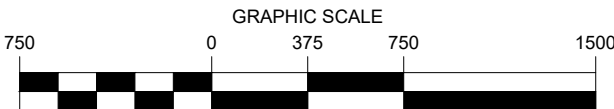
PARCEL NUMBER
66-00-00-132.
OWNER INFORMATION:
SHARON HENSON
MAILING ADDRESS:
3245 OLIVE CREEK RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-131.
OWNER INFORMATION:
GUNNER WAYNE THOMPSON
MAILING ADDRESS:
3375 OLIVE CREEK RD,
BENTON, KY 42025

PARCEL NUMBER
66-00-00-127.
OWNER INFORMATION:
WILLIAM L BUFFORD
MAILING ADDRESS:
3435 OLIVE CREEK RD,
BENTON, KY 42025



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OVERALL SITE PLAN

SCALE: 1" = 750'



IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:



500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

REV: DATE: DESCRIPTION: BY:

A	06/08/26	ISSUED FOR ZONING	GT

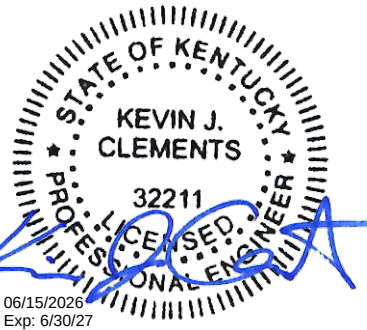
DRAWN BY: CHECKED BY:

GT GP

KHA PROJECT NUMBER:

P-000001

ENGINEER SEAL:



PROJECT INFORMATION:

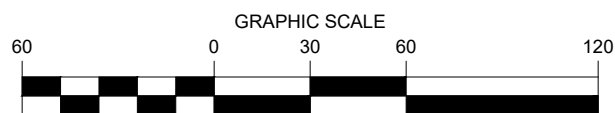
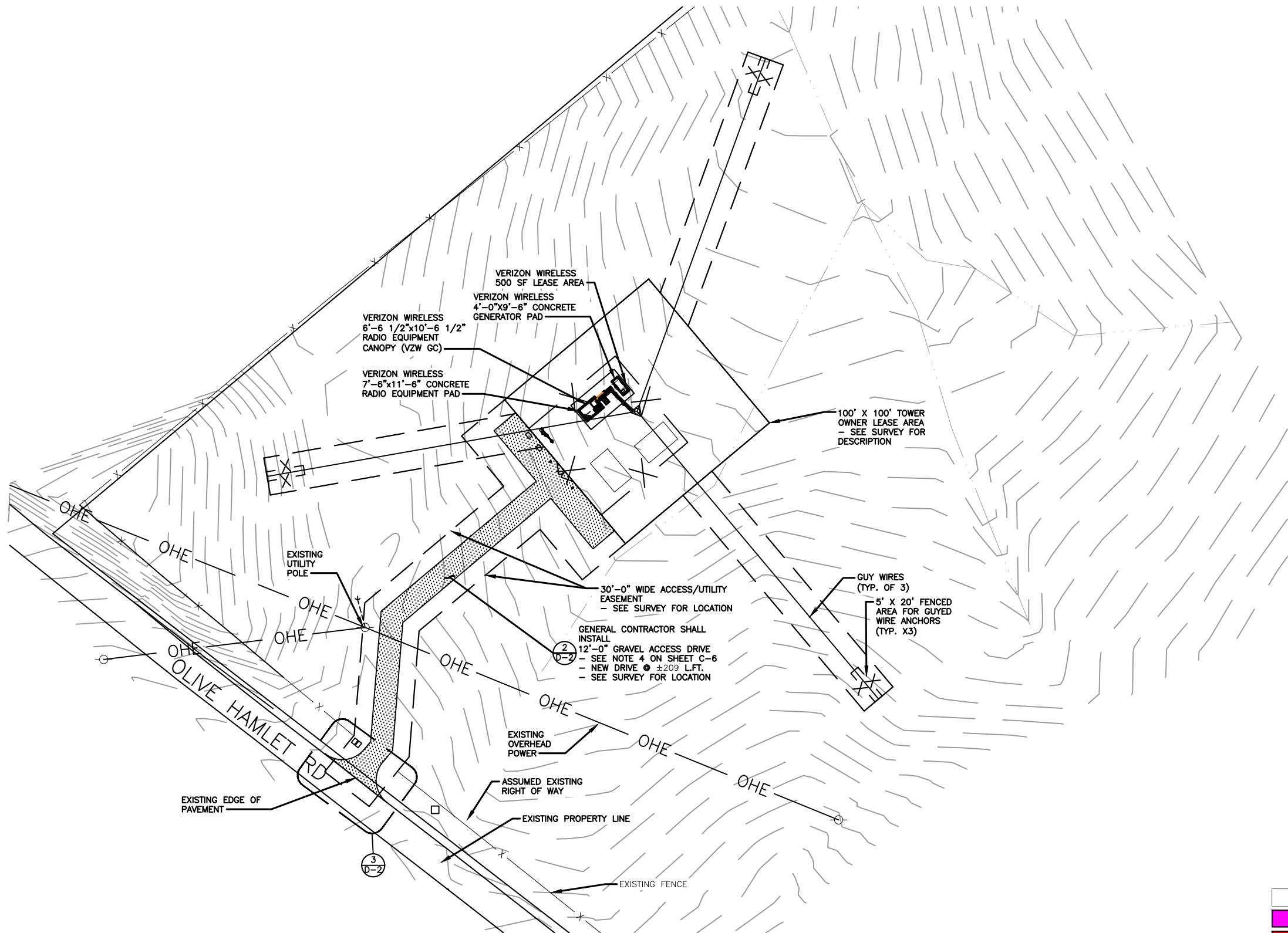
KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE:

ADJOINING PARCELS
MAP

SHEET NUMBER:

C-0C



OVERALL SITE PLAN
w/AERIAL OVERLAY

SCALE: 1" = 60'



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



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



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:



500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

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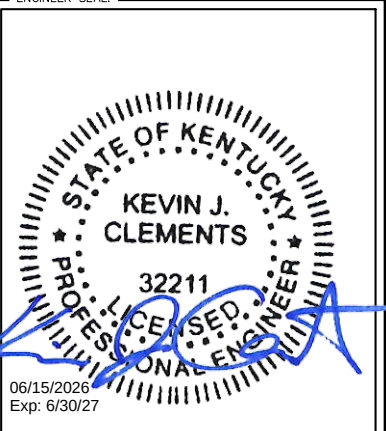
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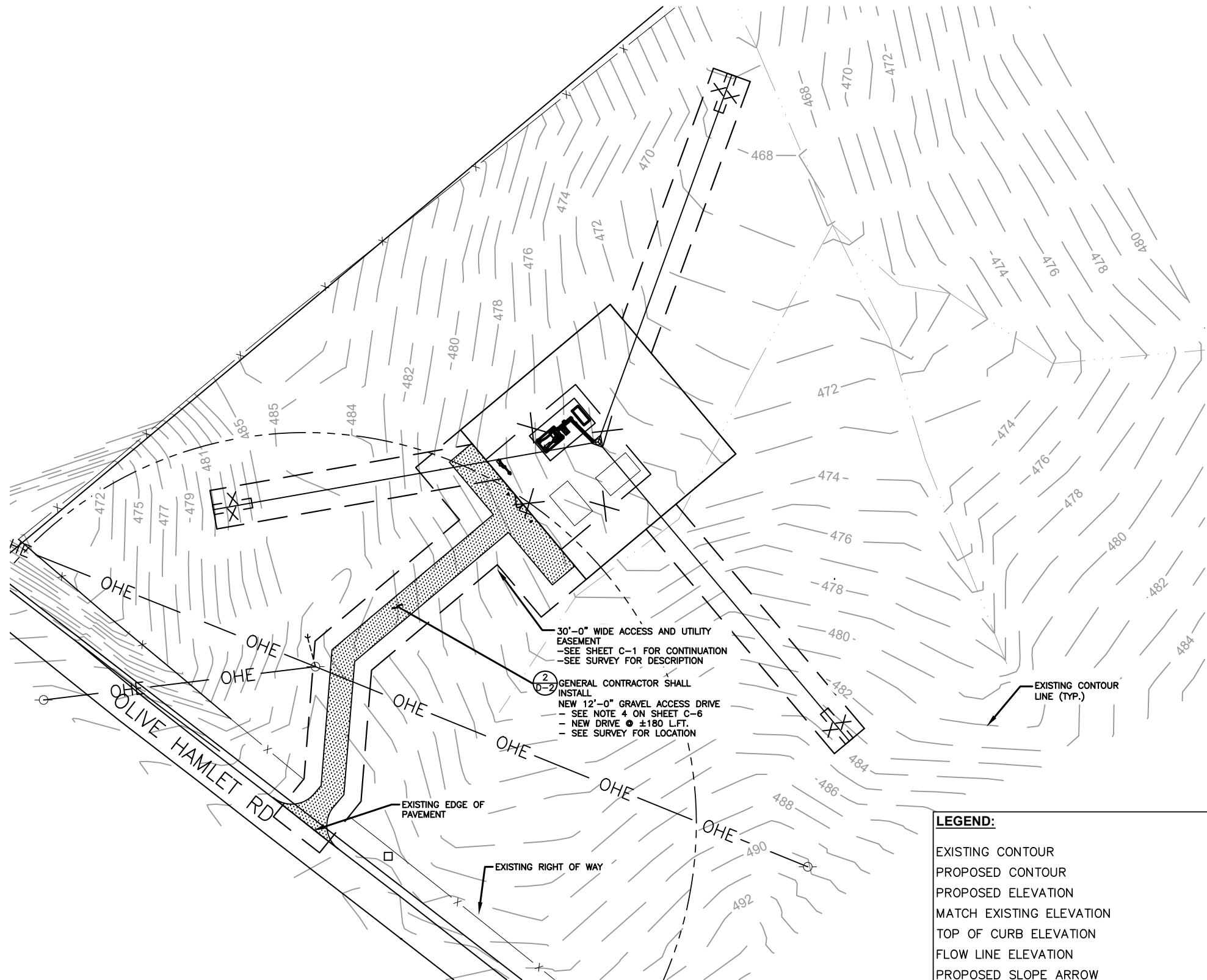
KY-4166
5000989217
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BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE:

OVERALL SITE PLAN
AND UTILITY PLAN

SHEET NUMBER:

C-1



30'-0" WIDE ACCESS AND UTILITY EASEMENT
-SEE SHEET C-1 FOR CONTINUATION
-SEE SURVEY FOR DESCRIPTION

2
0-2
GENERAL CONTRACTOR SHALL INSTALL
NEW 12'-0" GRAVEL ACCESS DRIVE
- SEE NOTE 4 ON SHEET C-6
- NEW DRIVE @ ±180 L.F.T.
- SEE SURVEY FOR LOCATION

- LEGEND:**
- EXISTING CONTOUR —XXX—
 - PROPOSED CONTOUR —XXX—
 - PROPOSED ELEVATION
 - MATCH EXISTING ELEVATION
 - TOP OF CURB ELEVATION
 - FLOW LINE ELEVATION
 - PROPOSED SLOPE ARROW
 - LOD/SILT FENCE — LOD — ///
 - UNDERGROUND TELEPHONE CONDUIT ————
 - UNDERGROUND ELECTRICAL CONDUIT ————
 - EDGE OF NEW DRIVE
 - LEASE AREA/EASEMENT
 - OVERHEAD UTILITY LINE — OE — OE —
 - NEW FENCE LINE — X — X — X — X —
 - IRON PIN
 - CONCRETE
 - ACCESS DRIVE

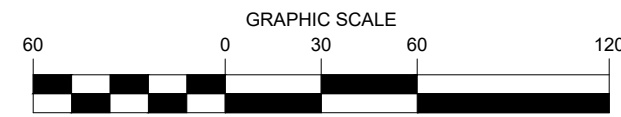


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GRADING AND E&S
CONTROL PLAN

SCALE: 1" = 60'



APC Towers
IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:

Kimley»Horn

500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

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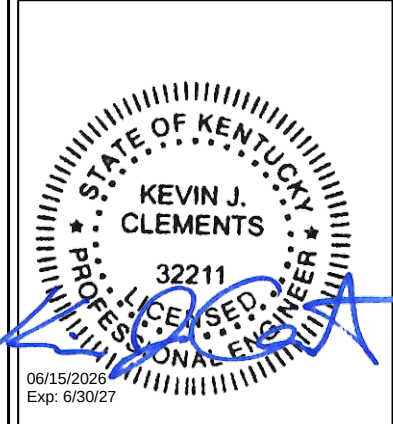
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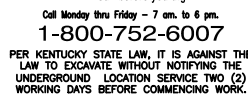
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BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE:

GRADING PLAN

SHEET NUMBER:

C-2



GENERAL CONTRACTOR SHALL
INSTALL
12'-0" GRAVEL ACCESS DRIVE
- SEE NOTE 4 ON SHEET C-6
- NEW DRIVE @ ± 209 L.F.
- SEE SURVEY FOR LOCATION-

FUTURE

20'-0" WIDE GUY WIRE
EASEMENT (TYP.)- SEE
SURVEY FOR LOCATION

SCALE: 1" = 18'-0"



	IRON PIN
	DRAINAGE LINE
	SPOT ELEVATION
	GRAVEL COMPOUND
	CENTER LINE
	NEW FENCE LINE
	NEW SILT FENCE LINE
	POWER POLEw/OVERHEAD ELEC./TELE.
	EDGE OF NEW DRIVE
	UNDERGROUND ELECTRICAL CONDUIT
	UNDERGROUND TELEPHONE CONDUIT
	EXISTING CONTOURS
	NEW CONTOURS
	NEW LEASE AREA AND EASEMENT

IRON PIN
DRAINAGE LINE
SPOT ELEVATION
GRAVEL COMPOUND
CENTER LINE
NEW FENCE LINE
NEW SILT FENCE LINE
POWER POLEw/OVERHEAD
EDGE OF NEW DRIVE
UNDERGROUND ELEVATION
UNDERGROUND TELEPHONE
EXISTING CONTOUR
NEW CONTOUR
NEW LEASE AREA A
FENCED COMPOUND
CONCRETE
ACCESS DRIVE

C-3

PLANS PREPARED BY:

Kimley»Horn

500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

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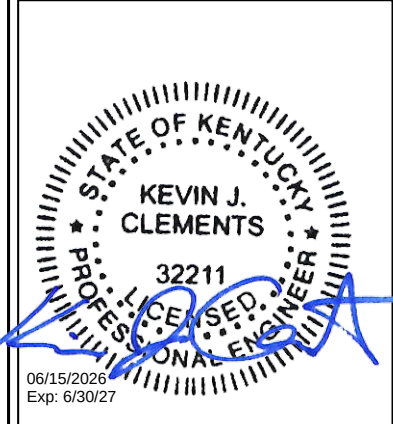
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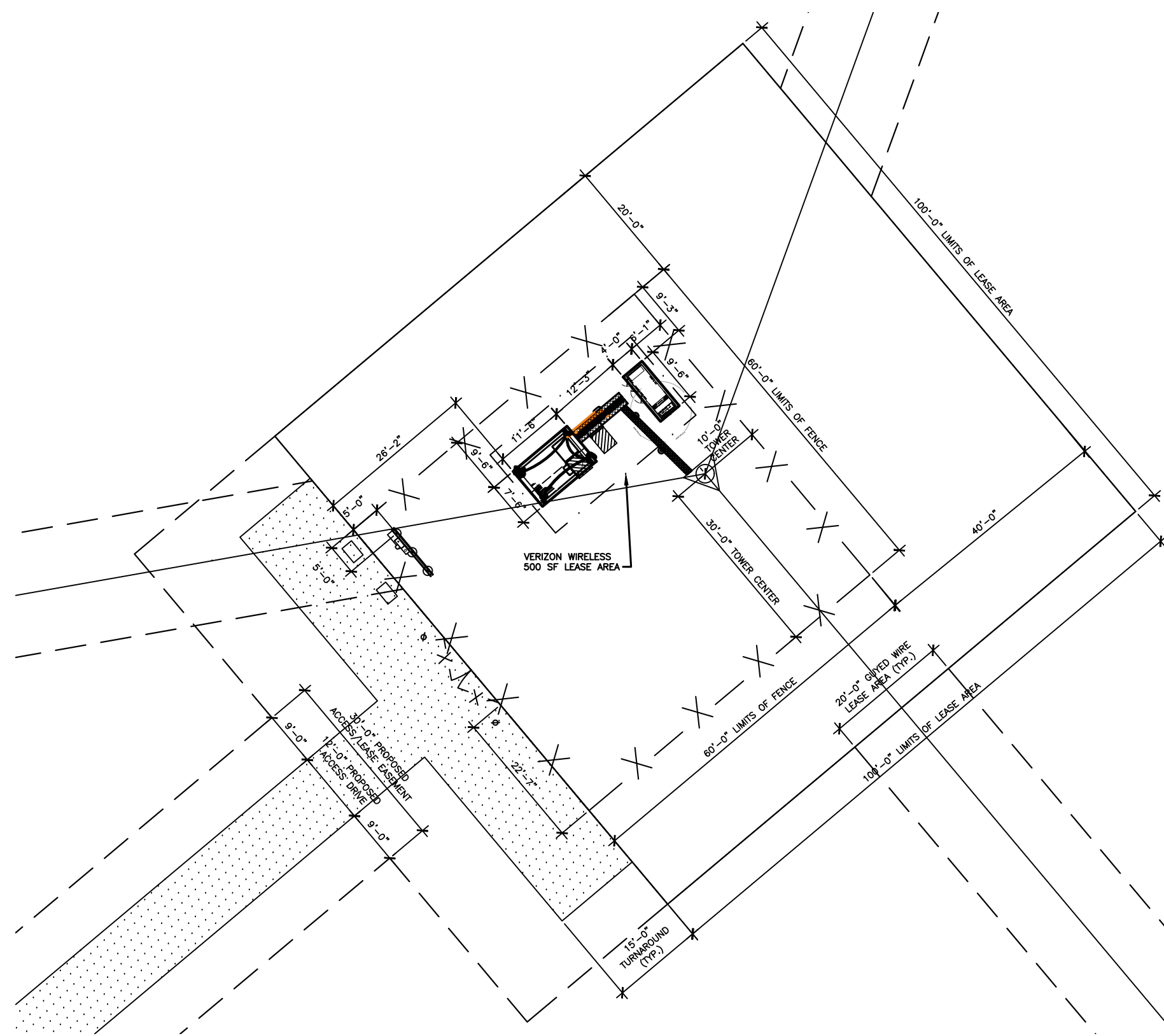
KY-4166
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OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE:

**DIMENSIONED
SITE PLAN**

SHEET NUMBER:

C-4



- LEGEND**
- IRON PIN
 - DRAINAGE LINE
 - SPOT ELEVATION
 - GRAVEL COMPOUND
 - CENTER LINE
 - NEW FENCE LINE
 - NEW SILT FENCE LINE
 - POWER POLEw/OVERHEAD ELEC./TELE.
 - EDGE OF NEW DRIVE
 - UNDERGROUND ELECTRICAL CONDUIT
 - UNDERGROUND TELEPHONE CONDUIT
 - EXISTING CONTOURS
 - NEW CONTOURS
 - NEW LEASE AREA AND EASEMENT
 - FENCED COMPOUND
 - CONCRETE
 - ACCESS DRIVE



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LAW TO EXCAVATE WITHOUT NOTIFYING THE
UNDERGROUND LOCATION SERVICE TWO (2)
WORKING DAYS BEFORE COMMENCING WORK.

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

DIMENSIONED SITE PLAN
SCALE: 1" = 20'-0"





500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

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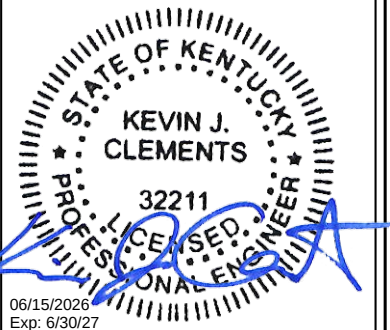
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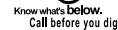
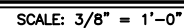


PROJECT INFORMATION:

SHEET TITLE: _____

SHEET NUMBER: _____

C-5



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

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WORKING DAYS BEFORE COMMENCING WORK.

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

GENERAL SITE CONSTRUCTION NOTES

1. SCHEDULE:

THE CONSTRUCTION OF THE SITE REQUIRES A CERTAIN SEQUENCE OF EVENTS TO MINIMIZE CONSTRUCTION TIME REQUIRED UNTIL AVAILABILITY OF CELLULAR TELEPHONE SERVICE. VERIFY SCHEDULE DURING BID WALK.

2. TOWER OWNER REPRESENTATIVE:

APC TOWERS IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
CONTACT: JONATHAN GREENE
PHONE: 704-724-8382
E-MAIL: jgreene@apctowers.com

PROPERTY OWNER REPRESENTATIVE:

TIMOTHY L RILEY & AMY L RILEY
2941 CURD RD,
BENTON, KY 42025
CONTACT: AMY RILEY
PHONE: 270-994-0802
EMAIL: N/A

3. ANTENNA INSTALLATION:

THE VERIZON WIRELESS CONTRACTOR (VZW GC) INSTALLING THE FRAME/PLATFORM SHALL ENSURE THAT THE PLATFORM IS ALIGNED BASED ON THE VERIZON WIRELESS RF PLAN. DURING THIS WORK, THE GENERAL CONTRACTOR SHALL BE LIMITED TO THE WORK WHICH CAN BE PERFORMED OUTSIDE THE VICINITY OF THE TOWER.

4. ACCESS DRIVEWAY:

THE GENERAL CONTRACTOR SHALL CONSTRUCT THE ACCESS DRIVE PER THE ALIGNMENT AS SHOWN ON THESE DRAWINGS. IF ANY AREA OF CONSTRUCTION REQUIRES ADDITIONAL FILL OF AGGREGATE STONE THAN SHOWN ON THE DRAWINGS, THE GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER FOR APPROVAL OF THE SIZE, TYPE AND QUANTITY OF STONE/FILL NECESSARY AND SHALL NOT BE USED UNTIL APPROVAL BY THE ENGINEER. THE GENERAL CONTRACTOR SHALL ALSO OBTAIN DRIVE PERMIT FOR NEW ACCESS DRIVE.

5. PREFABRICATED EQUIPMENT CABINETS, CANOPY AND GENERATOR:

THIS VERIZON WIRELESS CONTRACTOR (VZW GC) SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS FOR THE PROPER LIFTING, TRANSPORTING AND ASSEMBLY OF THE PREFABRICATED EQUIPMENT CANOPY FROM THE TRANSPORT TRUCK BED TO THE FINAL POSITION. THE EQUIPMENT CABINETS SHALL BE LIFTED INTO PLACE ON THE CONCRETE EQUIPMENT PAD. THE GENERATOR SHALL BE LIFTED INTO PLACE BY USING TWO SPREADER BAR ASSEMBLIES. EACH SPREADER BAR SHALL BE A MINIMUM 3' WIDE (RATED TO CARRY 3 TONS). THE GENERATOR WEIGHT IS 1,425# WITH TANK PEDESTAL. VERIZON WIRELESS CONTRACTOR (VZW GC) SHALL ANCHOR THE EQUIPMENT CABINETS AND GENERATOR BASE TO THE CONCRETE SLAB USING ANCHOR BOLTS. EXTREME CAUTION SHALL BE TAKEN IN THE INSTALLATION OF ALL EQUIPMENT TO AVOID CONTACT WITH EXISTING OVERHEAD UTILITY LINES.

THE VERIZON WIRELESS CONTRACTOR (VZW GC) IS RESPONSIBLE FOR ATTACHING, SECURING OR ASSEMBLING ANY ACCESSORY OR LOOSE ITEMS THAT ARE SHIPPED WITH THE PREFABRICATED EQUIPMENT CABINETS, CANOPY AND GENERATOR AND SHALL INCLUDE THIS WORK IN THE VZW EQUIPMENT INSTALLATION PORTION OF THE BID.

6. UTILITIES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXCAVATION AND PROPER BACKFILLING OF TRENCHES AND SUPPLY CONDUIT REQUIRED FOR UNDERGROUND TELEPHONE & ELECTRICAL UTILITIES. ALL TRENCHING SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE W/ASTM D-1557.

THE TOWER OWNER SHALL ENSURE PERMANENT ELECTRIC POWER IS AVAILABLE FOR VERIZON WIRELESS AT THE METER BASE PRIOR TO THE SITE BEING RELEASED TO VERIZON WIRELESS AS TENANT READY.

THE VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL RUN ELECTRICAL CONDUCTORS FROM NEW METER CENTER TO NEW VZW INTEGRATED LOAD CENTER WITHIN TOWER OWNER INSTALLED 2 1/2" CONDUIT CONTACT ELECTRIC PROVIDER TO HAVE NEW METER INSTALLED.

THE VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL BE RESPONSIBLE FOR THE ORDERING AND COORDINATING THE DELIVERY OF A FIBER OPTIC SERVICE LINE TO THE RADIO EQUIPMENT ENCLOSURE. COORDINATE WITH THE FIBER PROVIDER AND THE VERIZON WIRELESS FACILITY ENGINEER.

- ONE 4" SCH40 PVC FIBER CONDUIT w/(3) 1" HDPE INNERDUCTS AND PULLTAPES SHALL BE INSTALLED FROM HANDHOLE OUTSIDE COMPOUND MEET POINT AT THE PUBLIC RIGHT-OF-WAY WITHIN UTILITY EASEMENT WITH PULL TAPE THE HANDHOLE MODEL AS FOLLOWS:
 - THE VERIZON FIBER CONDUIT HANDHOLES SHALL BE OLDCASTLE INFRASTRUCTURE MODEL 24361480 PC2436-30 T22 - VERIZON LOGO OR QUAZITEHUBBELL POWER SYSTEMS MODEL PC2436Z185784 ASSY T22 SW OB 24x36x30 VERIZON V, OR APPROVED EQUALS. ALTERNATIVE HANDHOLES MAY BE USED IF MEETING THE DESIGNATED LOADING AND HAVING DIMENSIONS OF AT LEAST 2'x3'x2.5'. ALL VERIZON HANDHOLES TO HAVE "VERIZON" LOGO ON COVER.
 - THE GENERAL USE FIBER CONDUIT HANDHOLE SHALL BE A MODEL AS APPROVED BY THE CONSTRUCTION MANAGER.
- CONTRACTOR SHALL PLACE ADDITIONAL HANDHOLES ALONG ROUTE, AS NECESSARY, SO THAT SPACING BETWEEN HANDHOLES IS NO GREATER THAN 500 FEET.
- CONTRACTOR SHALL PLACE (1) COPPERHEAD INDUSTRIES ORANGE TRACER WIRE (PART NO. 123ON-HS) OR APPROVED EQUIVALENT ABOVE PROPOSED FIBER CONDUIT(S)
- ONE 4" SCH40 PVC FIBER CONDUIT w/(3) 1" HDPE INNERDUCTS AND PULLTAPES SHALL BE INSTALLED FROM VERIZON WIRELESS ONLY HANDHOLE OUTSIDE COMPOUND TO VERIZON WIRELESS EQUIPMENT PAD LOCATION (PER PLANS)

ELECTRIC SERVICE PROVIDED BY:

CONTACT: TBD
PHONE: TBD
EMAIL: TBD

FIBER OPTIC SERVICE PROVIDED BY:

FIBER PROVIDER TO BE DETERMINED BY VERIZON WIRELESS

7. SITE GRADING

A. UNIFORMLY GRADE AREA TO BE SMOOTH SURFACE FREE FROM IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTION REQUIREMENTS AND GRADE TO CROSS SECTION, TOPO LINES AND ELEVATIONS INDICATED.

1. COMPOUND SURFACE GRADES ARE TO BE SLOPED TO DIRECT WATER AWAY FROM EQUIPMENT PAD AND TOWER TO PREVENT STANDING AND PONDING WATER.

2. COMPOUND SURFACE SHALL BE COMPACTED TO A 95% MAXIMUM DRY DENSITY TO ALLOW PROPER STERILIZATION FOR ACCESS TO ALL CUSTOMERS DENSITY TESTING MAY BE REQUIRED AT VERIZON WIRELESS' DISCRETION DUE TO QUESTIONABLE COMPACTION OF FINISH SURFACE GRADE OR SUB-GRADE.

3. DITCHES/SWALES AROUND THE COMPOUND AREA AND ALONG ACCESS ROAD SHALL BE CONSTRUCTED SO TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING GRADES/SLOPE AND NEW PROPOSED GRADES.

4. SITE GRADING AND DRAINAGE SHOULD BE CONSTRUCTED TO PREVENT WATER FROM ENTERING THE COMPOUND SURFACE OR THE ACCESS ROAD SUB-GRADE.

B. MOISTURE CONTROL - UNIFORMLY MOISTEN OR AERATE SUB-GRADE AND EACH SUBSEQUENT FILL OR BACK FILL LAYER BEFORE COMPACTION TO WITHIN 90% OF OPTIMUM MOISTURE CONTENT. DO NOT PLACE BACK FILL OR FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN OR CONTAIN FROST, SNOW OR ICE.

C. STOCKPILING MATERIAL (TOP SOIL OR FILL DIRT) - SHOULD BE PLACED IN AN AREA THAT CAN BE CONTROLLED TO PREVENT WATER, SNOW, OR ICE FROM EFFECTING MOISTURE CONTENT. STOCKPILES MAY HAVE TO BE COVERED TO PREVENT ADDITIONAL MOISTURE FROM ACCUMULATING SO ACCEPTABLE FILL CAN BE USED.

D. DE-WATERING - PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUB-GRADE, AND FROM FLOODING PROJECT OR BUILD AREA.

E. EROSION CONTROL - MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

1. ALL INLETS, DRAINS, PIPES, SWELLS, AND ROADS SHALL BE KEPT CLEAN AND FREE OF DIRT AND SILT.

F. GEOTEXTILE FABRIC - AFTER PLACEMENT AND COMPACTION OF FILL WITHIN THE WORK AREA AND BEFORE THE PLACEMENT OF LIMESTONE AGGREGATE, (SEE SITE AREA SURFACING DETAIL ON D-1), THE ENTIRE DISTURBED WORK AREA SHALL BE COVERED WITH A GEOTEXTILE FABRIC. THIS FABRIC SHALL BE "TENCATE (MIRAFI 500X) WOVEN ENGINEERING FABRIC" INSTALLED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.

8. TRASH REMOVAL & SANITATION:

THE GENERAL CONTRACTOR AND VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL REMOVE ALL TRASH AS CREATED BY THEMSELVES AND THEIR SUBCONTRACTORS. TRASH SHALL BE REMOVED FROM THE SITE IN A TIMELY FASHION TO A LEGAL DISPOSAL AREA. THE GENERAL CONTRACTOR SHALL ALSO REMOVE ALL TRASH CREATED BY OTHER CONTRACTORS INCLUDING CABLE REELS, CARDBOARD BOXES AND PACKING. NO BURNING OR BURYING OF TRASH IS PERMITTED.

THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN A PORTABLE TOILET FOR THE DURATION OF THE CONSTRUCTION PROJECT.

A. THE GENERAL CONTRACTOR SHALL VERIFY THE EQUIPMENT PAD FOUNDATION IS LOCATED CORRECTLY WITH RESPECT TO THE TOWER FOUNDATION. THE CONTRACTOR MUST NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO POURING CONCRETE.

B. TOWER & FOUNDATION DESIGN ARE BY OTHERS FOR TOWER OWNER. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY IN WRITING FROM TOWER OWNER THAT THE TOWER IS STRUCTURALLY SUFFICIENT TO SUPPORT ALL LOADINGS AS OUTLINED IN THESE DOCUMENTS. TOWER AND FOUNDATION DESIGN SHALL BE PERFORMED BY A LICENSED ENGINEER.

C. THE GENERAL CONTRACTOR SHALL VERIFY THE TOP OF FOUNDATION MATCHES THE FAA APPROVAL LETTER.

10. EXCAVATION OF UTILITIES:

A. FIELD VERIFY THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING IN THE VICINITY OF THE SITE. ALL EXCAVATIONS SHALL BE MADE BY HAND OVER OR UNDER OR IMMEDIATELY ADJACENT TO ANY EXISTING UTILITIES & GROUNDING.

B. ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ON THIS PROJECT. CONTACT UNDERGROUND UTILITY PROTECTION SERVICE BEFORE YOU DIG AT 1-800-382-5544 OR 811.

C. EXISTING UTILITIES ARE SHOWN FROM THE SURVEY AND ARE NOT NECESSARILY COMPLETE AND ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, EXPOSE AND DETERMINE IF CONFLICTS EXIST WITH THE NEW IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER (A&E FIRM) IN ORDER TO RESOLVE ANY CONFLICTS.

11. CONTRACTOR'S LICENSE:

THE GENERAL CONTRACTOR, VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) AND ALL OF THEIR SUBCONTRACTORS THAT DO ANY WORK ON THIS PROJECT SHALL BE CURRENTLY LICENSED TO PERFORM WORK IN THE LOCATION OF THIS SITE. PROOF OF LICENSES SHALL BE SUPPLIED TO VERIZON WIRELESS PRIOR TO THE COMMENCEMENT OF ANY WORK.

12. SEEDING:

ALL DISTURBED AREAS SHALL BE REPAIRED AND SEEDED BY THE GENERAL CONTRACTOR, UNLESS OTHERWISE NOTED. SEED DISTURBED AREAS W/4 POUNDS/1000 SQ. FT. - 60% KENTUCKY BLUEGRASS, 18% CREEPING RED FESCUE, 22% ANNUAL RYEGRASS.

13. TRAFFIC CONTROL:

THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL REQUIRED TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR GOVERNING LOCAL AGENCIES.

14. CONSTRUCTION STAKING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING NEEDED TO COMPLETE ALL THE CONSTRUCTION SHOWN HEREON. CONTACT DESIGN ENGINEER TO SCHEDULE CONSTRUCTION STAKING.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PROPERTY RESULTING FROM THE CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO PAVEMENT, FINISHED GRADES, LANDSCAPING, BUILDINGS, SURVEY MARKERS, FIELD TILES, CULVERTS, ETC.

16. IN THE EVENT ANY DISCREPANCIES OR ERRORS ARE FOUND ON THESE PLANS OR ANY CONFLICT OR PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE GENERAL CONTRACTOR OR VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE GENERAL CONTRACTOR OR VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) FOR WORK HAVING TO BE REDONE FOR GRADE OR GEOMETRIC DISCREPANCIES IF NOTICE TO THE ENGINEER HAS NOT BEEN PROVIDED. THE ENGINEER RESERVES THE RIGHT TO MAKE MINOR ADJUSTMENTS AS NECESSARY TO ACCOMPLISH THE INTENT OF THESE PLANS.

17. ALL SITE WORK AND CONSTRUCTION SHALL CONFORM TO ANY AND ALL APPLICABLE CODES AND VERIZON WIRELESS STANDARDS AND SPECIFICATIONS.

18. ALL ELEVATIONS AND TOPOGRAPHIC INFORMATION WAS TAKEN FROM A SURVEY SUPPLIED TO KIMLEY-HORN BY BENCHMARK SERVICES. KIMLEY-HORN HAS NOT VERIFIED THIS INFORMATION AND DOES NOT WARRANT ANY INFORMATION SUPPLIED BY OTHERS.

19. THE GENERAL CONTRACTOR SHALL MAINTAIN A COMPLETE AS-BUILT SET OF PLANS AND CONDITIONS, AND SUBMIT SAME TO THE ENGINEER WITHIN 7 DAYS OF COMPLETION OF CONSTRUCTION. AS-BUILT PLANS SUBMITTED TO THE ENGINEER SHALL INCLUDE A DRAWING WITH DIMENSIONS SHOWING THE LOCATION OF THE UNDERGROUND UTILITIES, GROUNDING GRID, EQUIPMENT PAD, TOWER FOUNDATION, TOWER PLATFORM ORIENTATION, AND FENCE WITHIN THE LEASE AREA OR PROPERTY AND BE CERTIFIED BY A LICENSED PROFESSIONAL SURVEYOR.

20. THE GENERAL CONTRACTOR AND VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL BE RESPONSIBLE FOR NOTIFICATION OF ALL GOVERNING AGENCIES THAT REQUIRE SITE INSPECTION OF THE WORK AND/OR SIMPLY NOTIFICATION.

21. THE GENERAL CONTRACTOR AND VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL BE RESPONSIBLE FOR NOTIFICATION AND COORDINATION OF ALL TESTING AGENCIES THAT REQUIRE SITE INSPECTION OR TESTING OF THE WORK AS DIRECTED IN THESE PLANS, GOVERNING AGENCIES AND ALL APPLICABLE CODES.

22. PRIOR TO THE SUBMISSION OF BIDS, THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS SHALL VERIFY ALL DETAILS AND SCHEDULES ON THE DRAWINGS AND SPECIFICATIONS PROVIDED BY THE OWNER, FOR MEANING OF ABBREVIATIONS AND ADDITIONAL REQUIREMENTS AND INFORMATION. CHECK ALL CONSTRUCTION DOCUMENTS TO INCLUDE, BUT NOT LIMITED TO, GEOTECHNICAL REPORT, STRUCTURAL ANALYSIS, TOWER, MECHANICAL AND ELECTRICAL DRAWINGS, FOR SCALE, SPACE LIMITATIONS, DOOR SWINGS, ADJACENT CARRIER EQUIPMENT COORDINATION AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO THE OWNER BEFORE SUBMITTING BIDS.

24. WORK SITE SAFETY:

A. CONSTRUCTION WORK PRESENTS UNIQUE THREATS TO HEALTH AND SAFETY. THE CONTRACTOR AND VERIZON WIRELESS CONTRACTOR (VZW GC) ARE RESPONSIBLE TO EDUCATE THEIR WORK FORCE OF THESE DANGERS AND LIMIT THEIR EXPOSURE TO HAZARDS. THIS EDUCATION SHALL INCLUDE BUT NOT BE LIMITED TO APPLICABLE TRAINING COURSES AND CERTIFICATIONS, PROPER PERSONAL PROTECTIVE EQUIPMENT USAGE, DAILY TAILGATE MEETINGS AND ANY OTHER PREVENTATIVE MEASURES WHICH MAY BE REASONABLY EXPECTED. THE CONTRACTOR, VERIZON WIRELESS CONTRACTOR (VZW GC) AND ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND ANY PROPERTY OCCUPANTS WHO MAY BE AFFECTED BY THE WORK UNDER CONTRACT. ALL CONTRACTORS SHALL REVIEW ALL LANDOWNER, PRIME CONTRACTOR, CARRIER, OSHA, AND LOCAL SAFETY GUIDELINES AND AT ALL TIMES SHALL CONFORM TO THE MOST RESTRICTIVE OF THESE STANDARDS TO ENSURE A SAFE WORKPLACE.

B. TOWER WORK PRESENTS ADDITIONAL THREATS TO HEALTH AND SAFETY. ALL TOWER WORKERS WORKING ON A TOWER MUST BE ADEQUATELY TRAINED AND MONITORED TO ENSURE THAT SAFE WORK PRACTICES ARE LEARNED AND FOLLOWED. AS REQUIRED BY OSHA, WHEN WORKING ON EXISTING COMMUNICATION TOWERS, EMPLOYEES MUST BE PROVIDED WITH APPROPRIATE FALL PROTECTION, TRAINED TO USE THIS FALL PROTECTION PROPERLY, AND THE USE OF FALL PROTECTION MUST BE CONSISTENTLY SUPERVISED AND ENFORCED BY THE CONTRACTOR.

C. ALL SAFETY EQUIPMENT SHALL BE INSPECTED ACCORDING TO ALL OSHA AND INDUSTRY SCHEDULED INTERVALS AND ALL INSPECTIONS SHALL BE DOCUMENTED PER APPLICABLE CODES AND STANDARDS.



8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:



500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

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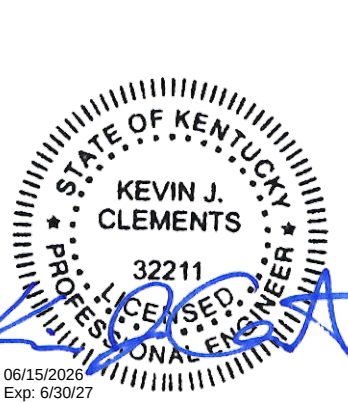
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5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

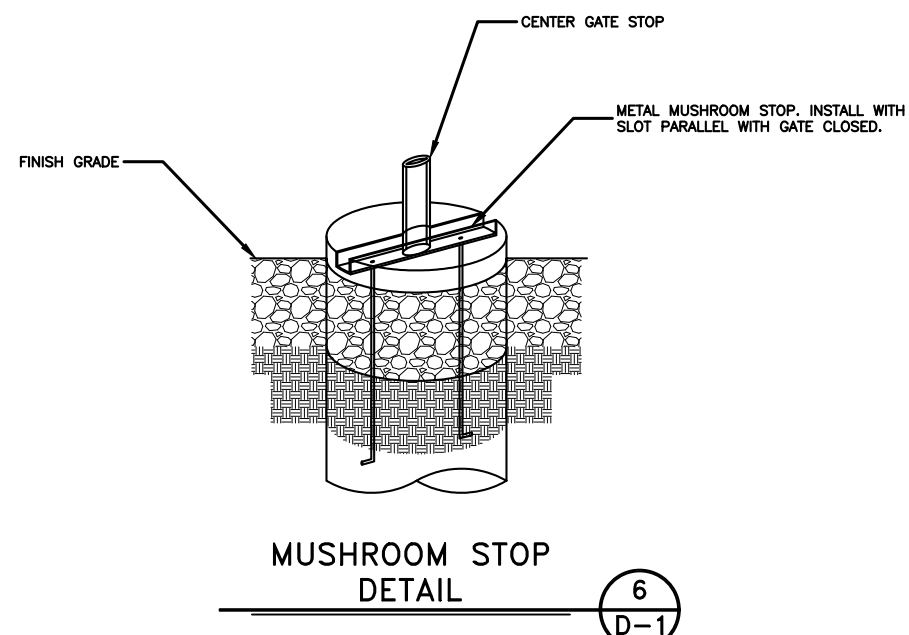
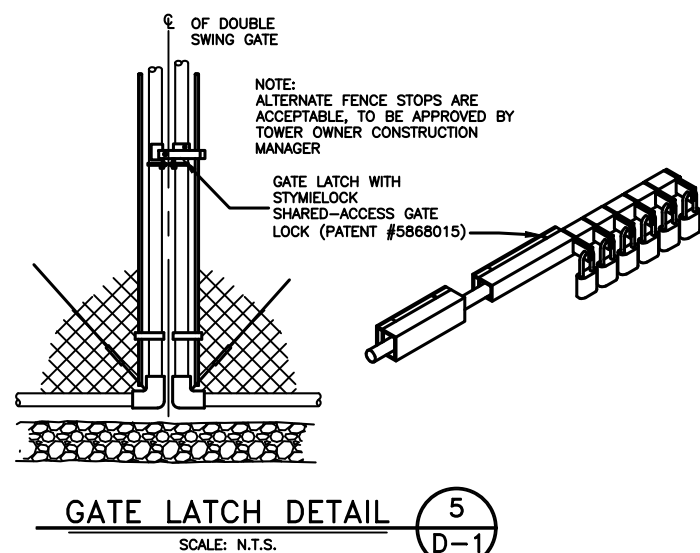
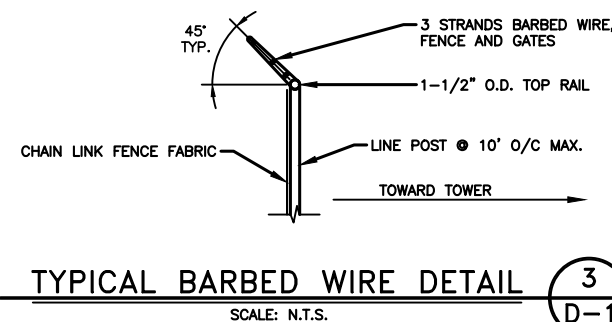
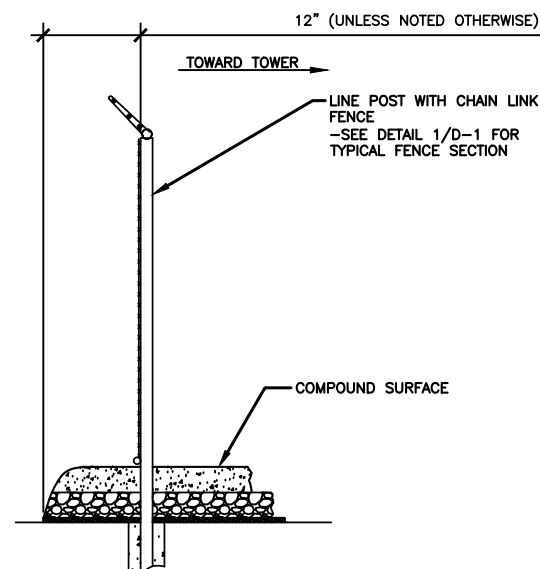
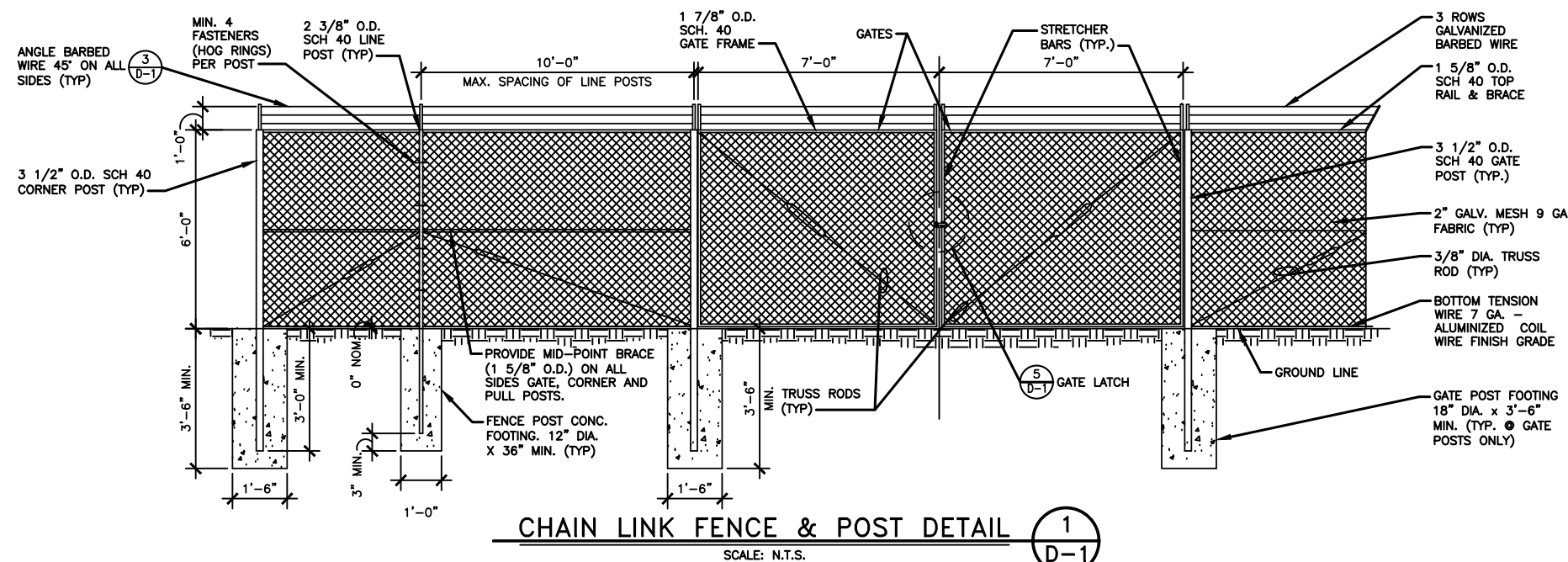
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GENERAL SITE
CONSTRUCTION PLANS

SHEET NUMBER:

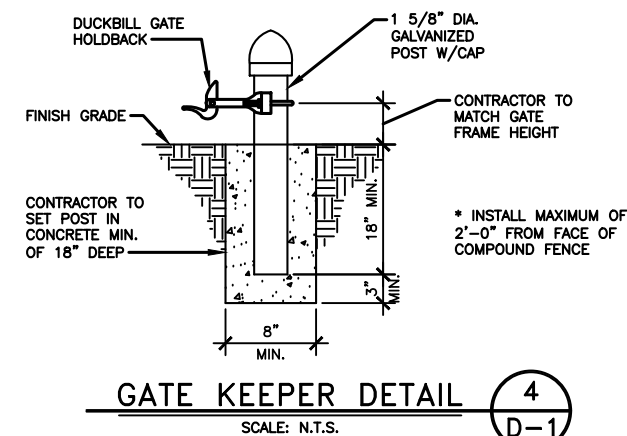
C-6

C-7



- ## CHAIN LINK FENCING NOTES

1. 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.
2. BOTTOM EDGE OF FENCE FABRIC SHALL EXTEND TO FINISHED GRADE.
3. SITE FENCE SHALL BE 6'-0" FABRIC W/ 3 STRAND BARBED WIRE FOR TOTAL HEIGHT OF 7'-0".
4. 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 GAGE W/4 POINT BARBS AT 5" O/C.
5. 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.).
6. PROVIDE A DIAGONAL BRACE ROD AND TURN BUCKLE ON BOTH GATE LEAFS.
7. 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.
8. CONTRACTOR SHALL ENSURE ALL POSTS ARE PLUMB.
9. ALL FENCE SHALL BE FABRICATED AND INSTALLED PER ASTM F2611-15, ASTM F567-14a AND CHAIN LINK FENCE MANUFACTURES INSTITUTE CLFMI-PM 2445.
10. CONTRACTOR SHALL FURNISH AND INSTALL ONE (1) MASTER LOCK LONG SHANK #175LH COMBINATION PADLOCK. VERIZON COMBINATION LOCK TO BE SET AT 7001.



APC Towers
IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:

Kimley»Horn

500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

REV: DATE: DESCRIPTION: BY:

A	06/08/26	ISSUED FOR ZONING	GT

DRAWN BY: _____ CHECKED BY: _____

GT	GP
----	----

KHA PROJECT NUMBER: _____

P-000001

ENGINEER SEAL: _____



PROJECT INFORMATION:

KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

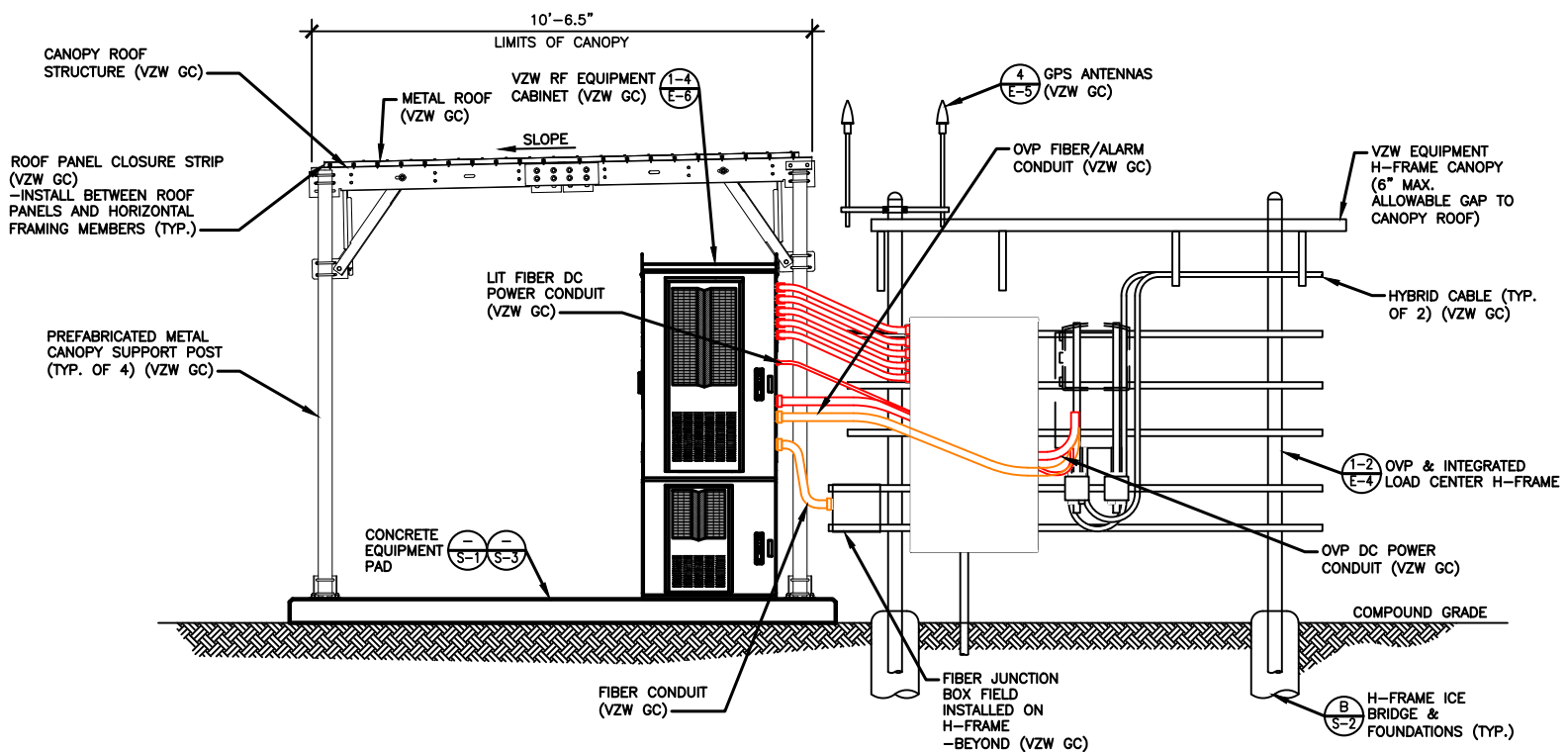
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FENCE DETAILS AND NOTES

SHEET NUMBER: _____

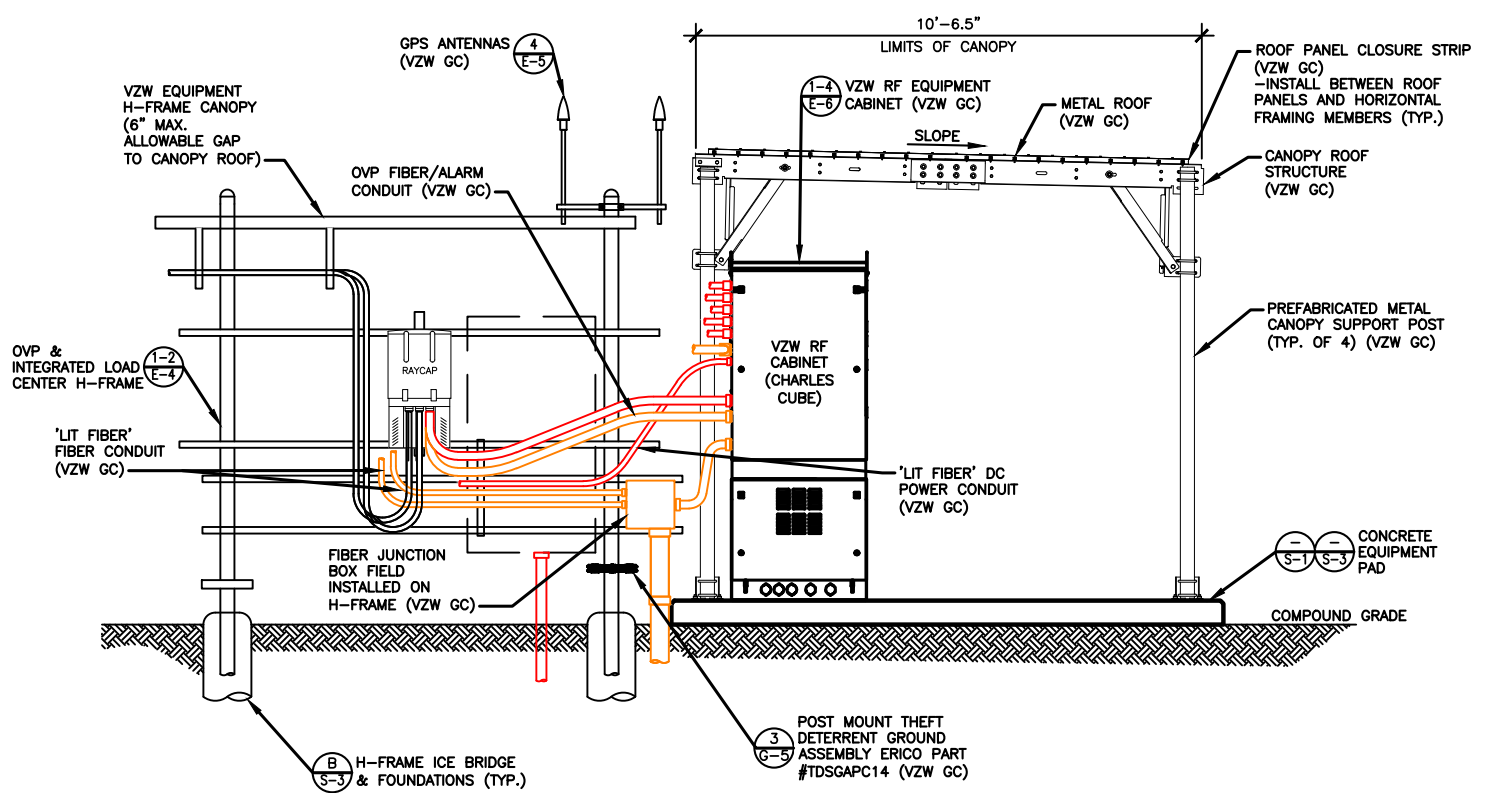
D-1

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



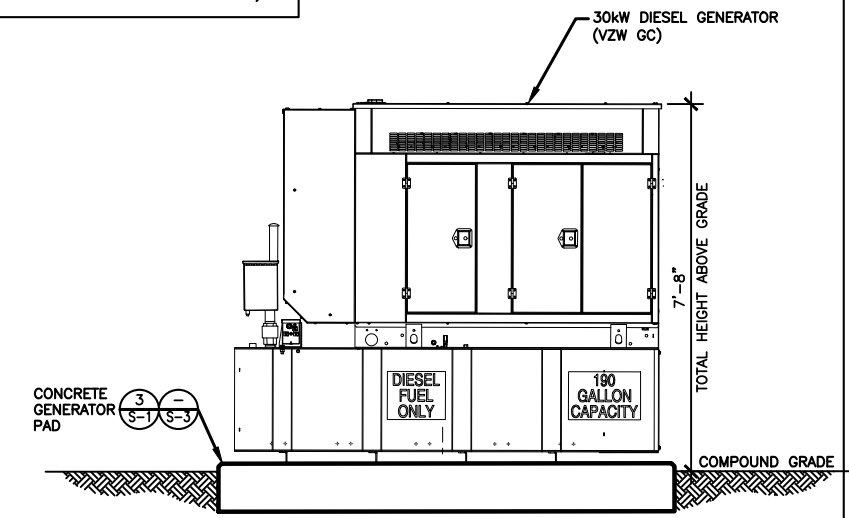
NOTE:
VERIZON WIRELESS 6'-6"x10'-6"
RADIO EQUIPMENT CANOPY
(CANOPY DWGS. SUPPLIED BY
MANUFACTURER) (VZW GC)
-COMMSCOPE P/N 860676982-001

FRONT ELEVATION
SCALE: 1/4" = 1'-0"

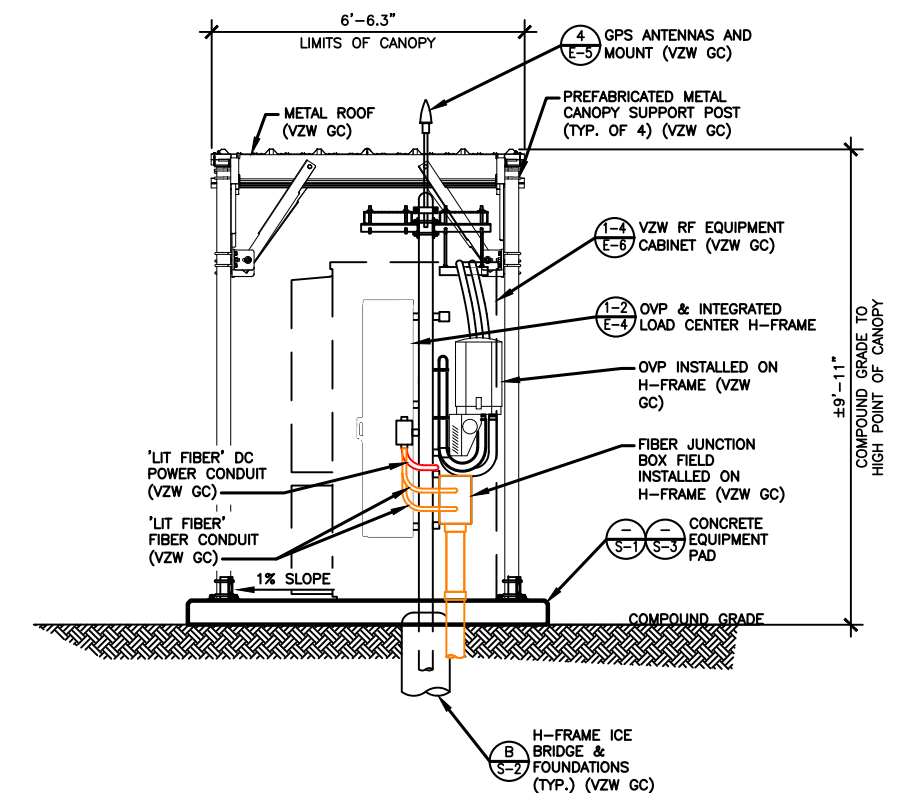


REAR ELEVATION
SCALE: 1/4" = 1'-0"

NOTE:
CANOPY ROOF PANELS PROFILE R/PBR.
PROVIDE 1.7lb DENSITY POLYETHYLENE
FOAM PANEL CLOSURE STRIPS TO MATCH
PROFILE. AS MANUFACTURED BY: SEALTITE
BUILDING FASTENERS "ST CLOSURE"
STRIPS OR EQUAL (VERIFY PROFILE WITH
ROOF PANELS SUPPLIED WITH CANOPY)



GENERATOR ELEVATION
SCALE: 1/4" = 1'-0"



RIGHT ELEVATION
SCALE: 1/4" = 1'-0"

APC Towers
IV, LLC
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RALEIGH, NC 27615
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Kimley»Horn
500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

REV:	DATE:	DESCRIPTION:	BY:
A	06/08/26	ISSUED FOR ZONING	GT
DRAWN BY: GT CHECKED BY: GP			
KHA PROJECT NUMBER: P-000001			
ENGINEER SEAL:			

**FOR
REFERENCE
ONLY**

PROJECT INFORMATION:
KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE:
**EQUIPMENT PAD &
CANOPY ELEVATIONS**

SHEET NUMBER:
D-3

	REQUIRED SIGNS:	LOCATIONS:
C1	• N.O.C. "IN CASE OF EMERGENCY"	FRONT ACCESS DOOR OF CABINET
C2	• NOTICE (CONTACT INFO)	(SEE FIGURE 1)
C3	• COMBINATION WARNING (SEE NOTE 2)	FRONT ACCESS DOOR OF EACH CABINET WITH BATTERIES
C4	• COMBINATION WARNING (SEE NOTE 2)	(SEE FIGURE 1)
C5	• S.D.S.	INSIDE FRONT ACCESS DOOR OF EACH CABINET WITH BATTERIES

C3

0
3 2

DANGER

LEAD ACID BATTERIES
CORROSIVE LIQUIDS (ELECTROLYTE)
ENERGIZED ELECTRICAL CIRCUITS
NO SMOKING

C4

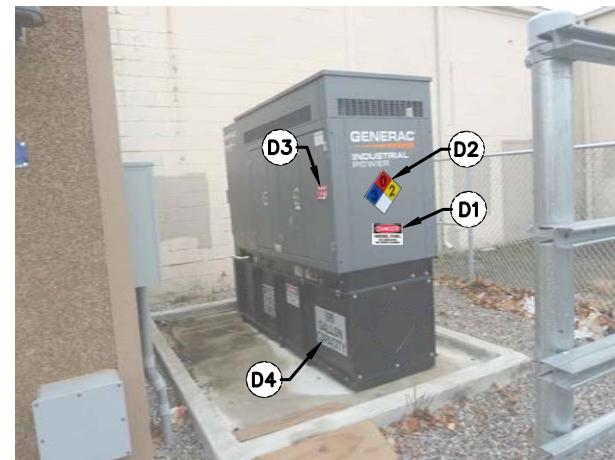
0
3 1

DANGER

NI-CAD BATTERIES
CORROSIVE LIQUIDS (ELECTROLYTE)
ENERGIZED ELECTRICAL CIRCUITS
NO SMOKING



The image displays four distinct hazard labels used for diesel fuel storage. Label D1 is a rectangular warning label with a red 'DANGER' header and black text specifying 'DIESEL FUEL', 'NO SMOKING', and 'NO OPEN FLAMES'. Label D2 is a diamond-shaped hazard identification label with the number '2' in red on the top and bottom halves, and '0' in black on the left and right halves. Label D3 is a rectangular 'NOTICE' label with a red header, black text providing a phone number (1-800-264-6620) and website (www.dieselcentral.com), and a red footer with the phone number 1-800-386-9639. Label D4 is a rectangular label with a black background and white text indicating '92 GALLON DIESEL FUEL ONLY'.



D-4

FIGURE 9 – TYPICAL E.M.E. SIGNAGE

ALL GENERATOR CONDUITS SHALL BE
INSTALLED AND CAPPED WEATHERTIGHT
FOR FUTURE GENERATOR INSTALLATION
IF REQUIRED



SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"

IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

Kimley»Horn

500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

A	06/08/26	ISSUED FOR ZONING	GT

GT	GP
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KHA PROJECT NUMBER: _____

P-000001

ENGINEER SEAL: _____



PROJECT INFORMATION: _____

KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE: _____

EQUIPMENT FOUNDATION
DETAILS AND NOTES

SHEET NUMBER: _____

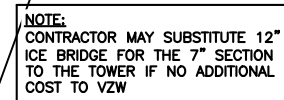
S-1



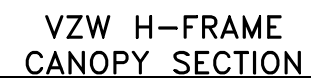
Know what's below.
Call before you dig

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

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



SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"



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

SCALE: 1" = 4'-0"



IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:

500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

REV: DATE: DESCRIPTION: BY:

[illegible]

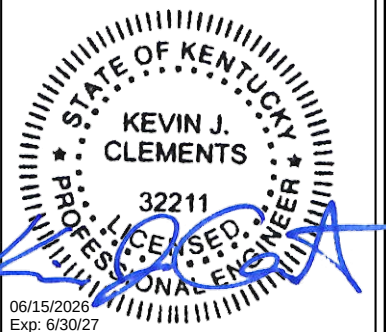
DRAWN BY: _____ CHECKED BY: _____

GT	GP
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KHA PROJECT NUMBER: _____

P-000001

ENGINEER SEAL: _____



PROJECT INFORMATION:

KY 4166

KY-4166

5000989217

OLIVE HAMLET RD

BENTON, KY 42025

MARSHALL COUNTY

SHEET TITLE: _____

CE BRIDGE PLAN

AND DETAILS

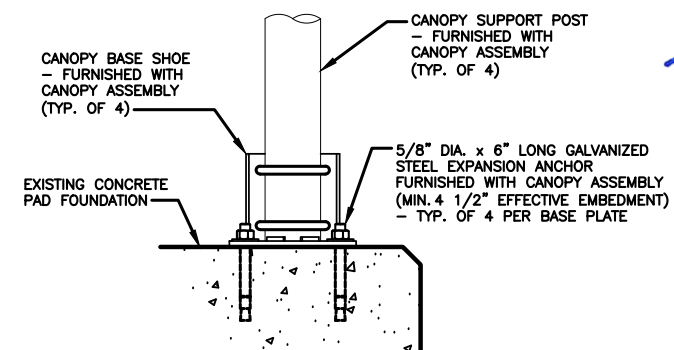
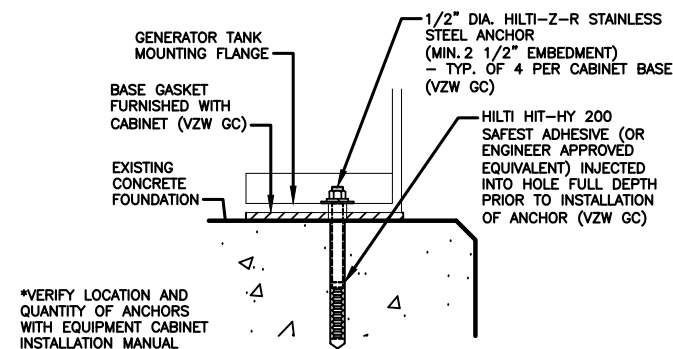
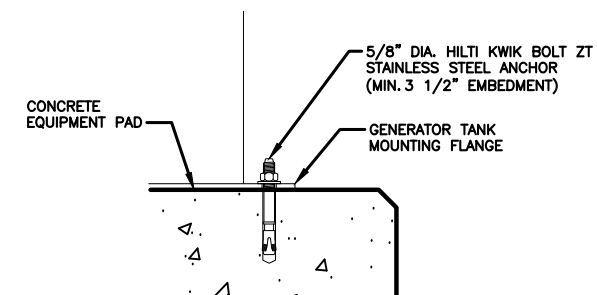
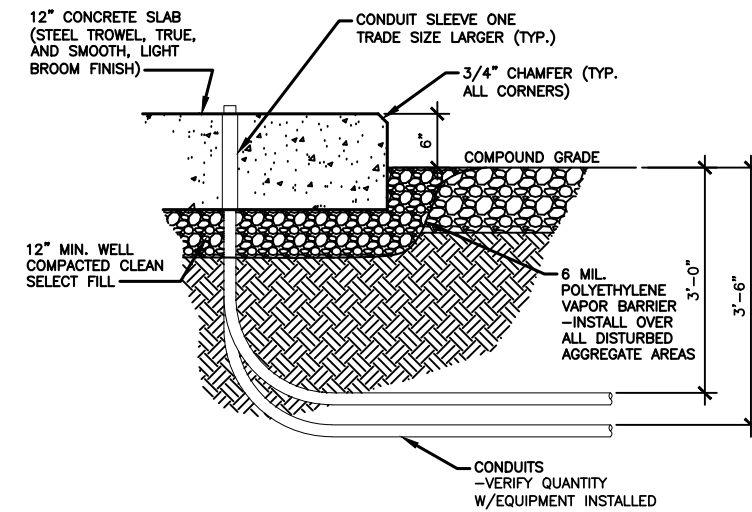
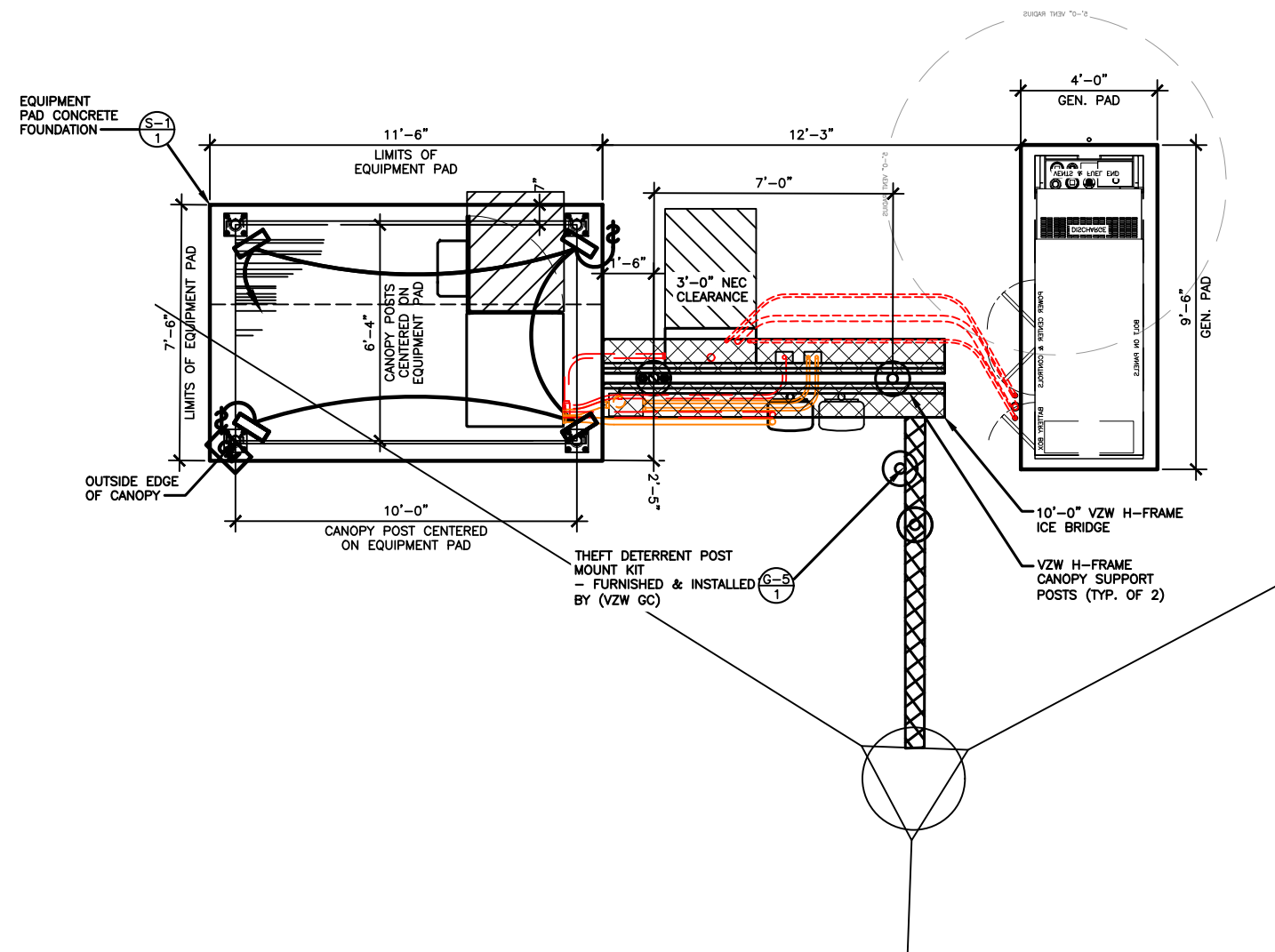
AND DETAILS

SHEET NUMBER: _____

_____ SHEET NUMBER _____

८२

S-2



Know what's below.
Call before you dig.
Call Monday thru Friday - 7 am. to 6 pm.
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE
LAW TO EXCAVATE WITHOUT NOTIFYING THE
UNDERGROUND LOCATION SERVICE TWO (2)
WORKING DAYS BEFORE COMMENCING WORK.

APC Towers
IV, LLC
8601 SIX FORKS ROAD, SUITE 250
RALEIGH, NC 27615
PHONE (919) 984-7644

PLANS PREPARED BY:

Kimley»Horn

500 E 96TH STREET
SUITE 300
INDIANAPOLIS, IN 46240

REV: == DATE: == DESCRIPTION: == BY: ==

A	06/08/26	ISSUED FOR ZONING	GT

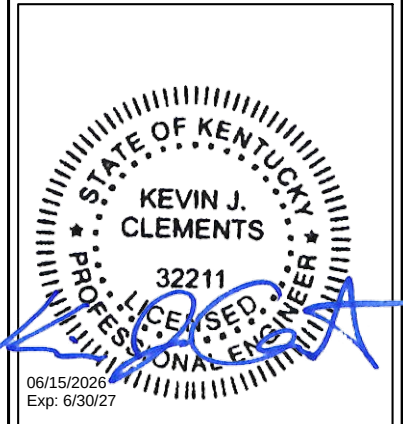
DRAWN BY: _____ CHECKED BY: _____

GT	GP
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KHA PROJECT NUMBER: _____

P-000001

ENGINEER SEAL: _____



PROJECT INFORMATION: _____

KY-4166
5000989217
OLIVE HAMLET RD
BENTON, KY 42025
MARSHALL COUNTY

SHEET TITLE: _____

FOUNDATION PLAN AND DETAILS

SHEET NUMBER: _____

S-3

EXHIBIT C

CONSTRUCTION MANAGER LETTER LIST OF QUALIFIED PROFESSIONALS TOWER AND FOUNDATION DESIGN

December, 11, 2025



Matt Bates
Director and Chief Operating Officer
Telecad Wireless Site Design, LLC
1961 Northpoint Blvd, Suite 130
Hixson, TN 37343
matt.bates@telecadeng.com

RE: CM Services

To Whom It May Concern,

My name is Matt Bates and our firm, Telecad Wireless Site Design, LLC, has been tasked with the "Construction Management" for the project listed above. Telecad was founded in 2001, our P.E is licensed in 50 states. We provide construction management and site design for new build and colocation tower sites in the US.

Telecad has worked with APC Towers for the past several years on multiple projects and we are excited to be on this project and working hand in hand with them and further developing our business relationship.

Please do not hesitate to contact me with any questions that you may have. My contact information can be found below.

Cordially,

Matt Bates
Director and Chief Operating Officer
Telecad Wireless Site Design, LLC
matt.bates@telecadeng.com

EV Olive Hamlet – List of Qualified Professionals

Kevin J. Clements

Licensed Professional Engineer, License No. 32211

Professional Engineer

Kimley Horn

500 E 96th Street, Suite 300

Indianapolis, IN 46240

Ralph M. Wallem

Licensed Professional Land Surveyor, License No. 2195

Professional Land Surveyor

Benchmark Services, Inc.

318 North Main Street

Huntingburg, IN 47542

Matt Bates

Construction Manager

TeleCAD Wireless Site Design, LLC

1961 Northpoint Blvd, Suite 130

Hixson, TN 37343

Brad R. Milanowski

Licensed Professional Engineer, License No. 25311

Professional Engineer

B+T Group

1717 S Boulder Ave, Suite 300

Tulsa, OK 74119

Raphael Mohamed

Licensed Professional Engineer, License No. 24429

Professional Engineer

Engineered Tower Solutions, PLLC

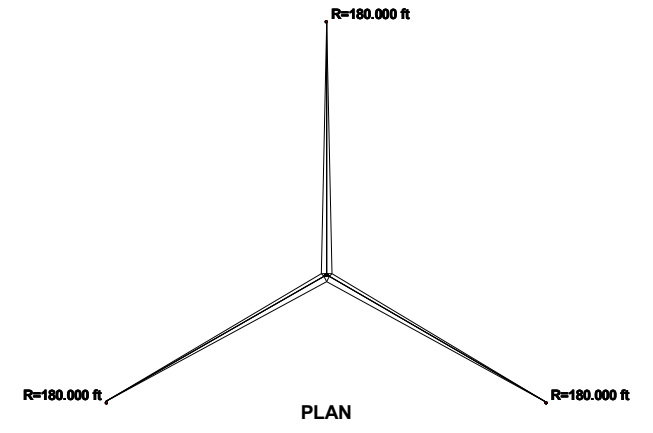
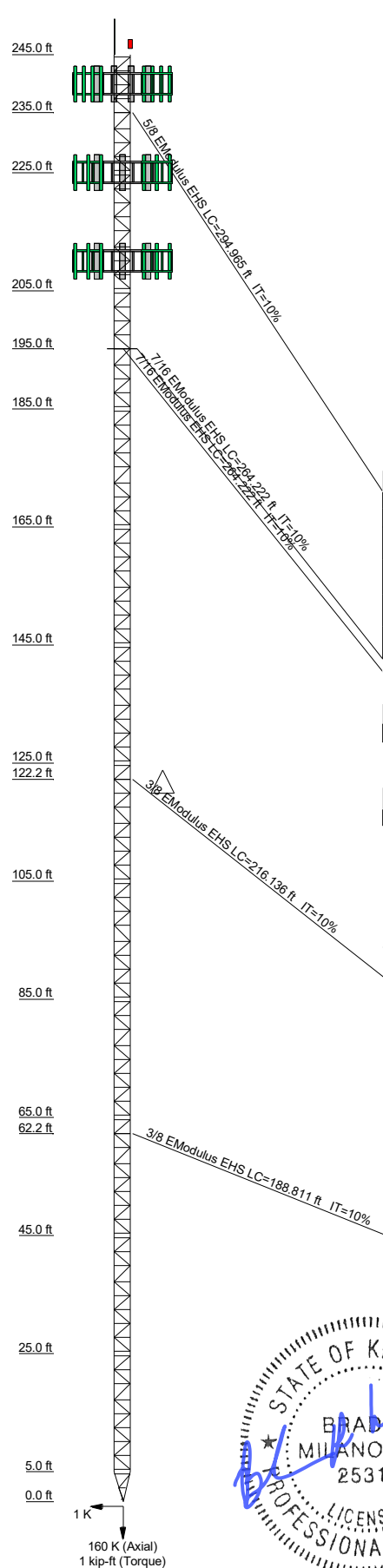
3227 Wellington Court

Raleigh, NC 27615

EV Olive Hamlet – List of Qualified Professionals

Jorge Varela
Senior Geotechnical Engineer
Engineered Tower Solutions, PLLC
3227 Wellington Court
Raleigh, NC 27615

Section	T13	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	A						SR 1 3/4						
Leg Grade							A529-50						
Diagonals	SR 1						A529-50					SR 1	
Top Girts							SR 3/4						
Bottom Girts							SR 3/4						
Horizontals							SR 3/4						
Top Guy Pull-Offs							4x5/8		N.A.		4x5/8	N.A.	4x5/8
Face Width (ft)													
# Panels @ (ft)	B						96 @ 2.40365						
Weight (K)	10.3	0.3											



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
5' Lightning Rod	245	Sector2(CaAa=10000 Sq.in)No Ice (Carrier 2)	225
Top Beacon	245	Sector3(CaAa=10000 Sq.in)No Ice (Carrier 2)	225
Sector1(CaAa=14000 Sq.in)No Ice (Carrier 1)	240	Sector1(CaAa=10000 Sq.in)No Ice (Carrier 3)	210
Sector2(CaAa=14000 Sq.in)No Ice (Carrier 1)	240	Sector2(CaAa=10000 Sq.in)No Ice (Carrier 3)	210
Sector3(CaAa=14000 Sq.in)No Ice (Carrier 1)	240	Sector3(CaAa=10000 Sq.in)No Ice (Carrier 3)	210
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 2)	225		

SYMBOL LIST

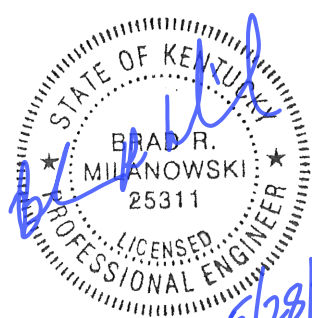
MARK	SIZE	MARK	SIZE
A	SR 2 1/4	B	2 @ 2.11458

MATERIAL STRENGTH

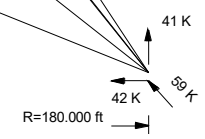
GRADE	Fy	Fu	GRADE	Fy	Fu
A529-50	50 ksi	65 ksi			

TOWER DESIGN NOTES

1. Tower is located in Marshall County, Kentucky.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 106 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 30 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. Please see feedline plan for proper feedline placement. Deviation from plan may reduce tower capacity.



ALL REACTIONS ARE FACTORED



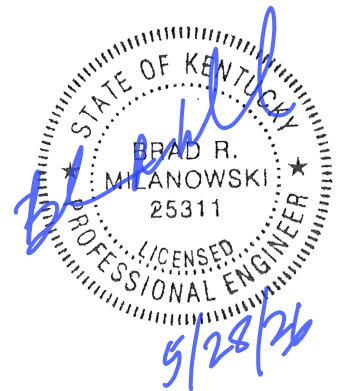
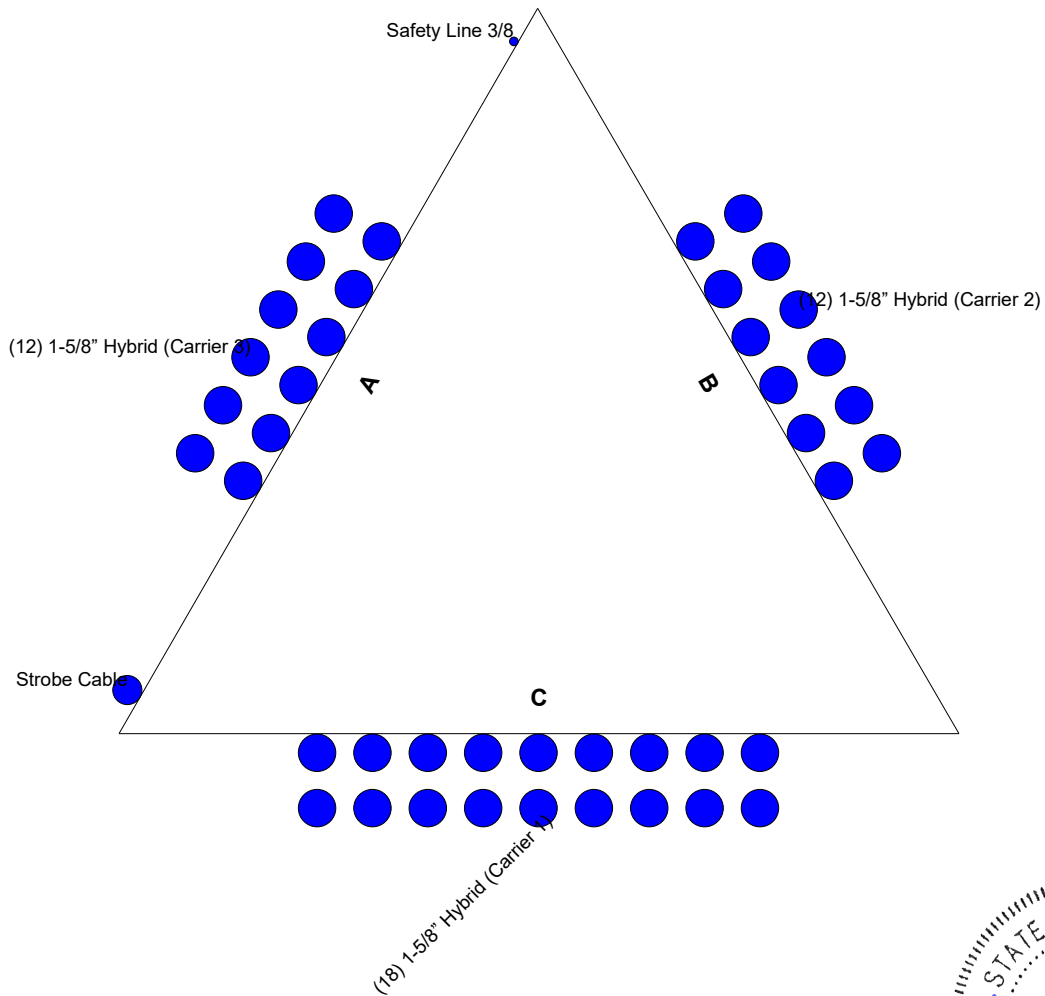


B+T Group
1717 S Boulder Ave, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job: ATS# C467 - EV Olive Hamlet (Site# KY-4166)		
Project: 245' 36G/36.79706944, -88.25491111		
Client: APC Towers	Drawn by: Coody	App'd:
Code: TIA-222-H	Date: 05/28/26	Scale: NTS
Path:	Dwg No. E-1	

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Feed Line Plan



ARCOSA
TELECOM STRUCTURES



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Tulsa, OK 74119
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FAX: (918) 295-0265

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Project: 245' 36G/36.79706944, -88.25491111		
Client: APC Towers	Drawn by: Coody	App'd:
Code: TIA-222-H	Date: 05/28/26	Scale: NTS
Path:	Dwg No. E-7	

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tnxTower B+T Group 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job AT# C467 - EV Olive Hamlet (Site# KY-4166)	Page 1 of 46
	Project 245' 36G/36.79706944, -88.25491111	Date 15:58:44 05/28/26
	Client APC Towers	Designed by Coody

Tower Input Data

The main tower is a 3x guyed tower with an overall height of 245.000 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 Marshall County, Kentucky.

Tower base elevation above sea level: 474.000 ft.

Basic wind speed of 106 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.

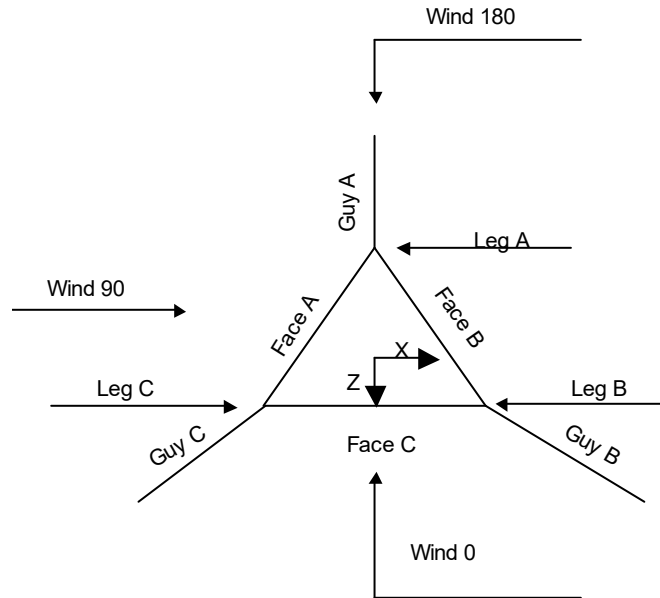
Safety factor used in guy design is 1.

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

Options

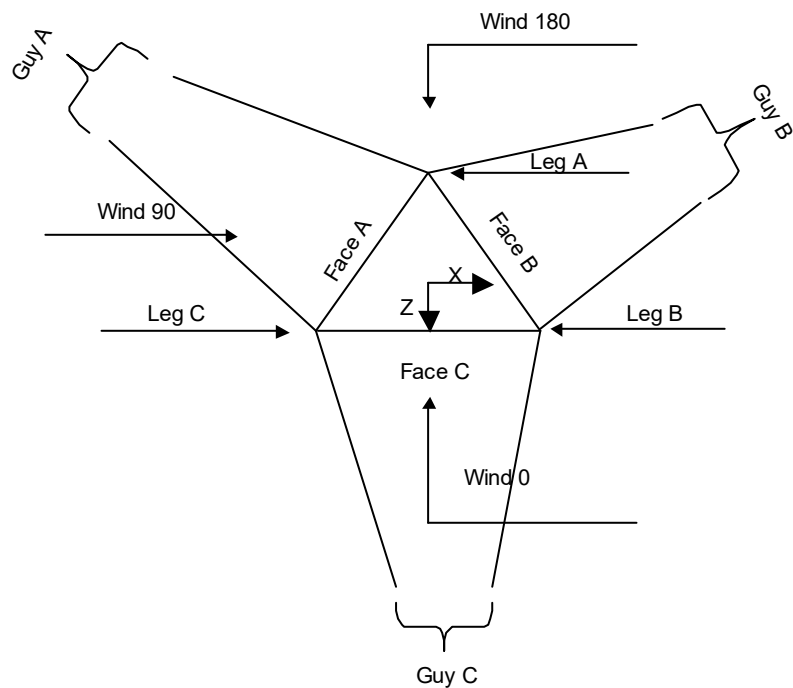
Consider Moments - Legs	Assume Legs Pinned	√ Calculate Redundant Bracing Forces
Consider Moments - Horizontals	√ Assume Rigid Index Plate	Ignore Redundant Members in FEA
Consider Moments - Diagonals	√ Use Clear Spans For Wind Area	√ SR Leg Bolts Resist Compression
Use Moment Magnification	√ Use Clear Spans For KL/r	All Leg Panels Have Same Allowable
√ Use Code Stress Ratios	√ Retension Guys To Initial Tension	Offset Girt At Foundation
√ Use Code Safety Factors - Guys	√ Bypass Mast Stability Checks	√ Consider Feed Line Torque
Escalate Ice	√ Use Azimuth Dish Coefficients	√ Include Angle Block Shear Check
Always Use Max Kz	√ Project Wind Area of Appurtenances	Use TIA-222-H Bracing Resist. Exemption
Kz In Exposure D Hurricane Region	Alternative Appurt. EPA Calculation	Use TIA-222-H Tension Splice Exemption
√ Include Bolts In Member Capacity	√ Autocalc Torque Arm Areas	Poles
√ Leg Bolts Are At Top Of Section	Add IBC .6D+W Combination	Include Shear-Torsion Interaction
√ Secondary Horizontal Braces Leg	√ Sort Capacity Reports By Component	Always Use Sub-Critical Flow
Use Diamond Inner Bracing (4 Sided)	Triangulate Diamond Inner Bracing	Use Top Mounted Sockets
SR Members Have Cut Ends	Treat Feed Line Bundles As Cylinder	Pole Without Linear Attachments
SR Members Are Concentric	Ignore KL/ry For 60 Deg. Angle Legs	Pole With Shroud Or No Appurtenances
Distribute Leg Loads As Uniform	Use ASCE 10 X-Brace Ly Rules	Outside and Inside Corner Radii Are Known
Use Special Wind Profile		

tnxTower B+T Group 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job ATS# C467 - EV Olive Hamlet (Site# KY-4166)	Page 2 of 46
	Project 245' 36G/36.79706944, -88.25491111	Date 15:58:44 05/28/26
	Client APC Towers	Designed by Coody



Corner & Starmount Guyed Tower

tnxTower B+T Group 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job ATS# C467 - EV Olive Hamlet (Site# KY-4166)	Page 3 of 46
	Project 245' 36G/36.79706944, -88.25491111	Date 15:58:44 05/28/26
	Client APC Towers	Designed by Coody



Face Guyed

Tower Section Geometry

Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of Sections	Section Length
	ft			ft		ft
T1	245.000-225.000			3.000	1	20.000
T2	225.000-205.000			3.000	1	20.000
T3	205.000-185.000			3.000	1	20.000
T4	185.000-165.000			3.000	1	20.000
T5	165.000-145.000			3.000	1	20.000
T6	145.000-125.000			3.000	1	20.000
T7	125.000-105.000			3.000	1	20.000
T8	105.000-85.000			3.000	1	20.000
T9	85.000-65.000			3.000	1	20.000
T10	65.000-45.000			3.000	1	20.000
T11	45.000-25.000			3.000	1	20.000
T12	25.000-5.000			3.000	1	20.000
T13	5.000-0.000			3.000	1	5.000

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Tower Section Geometry (cont'd)

Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	ft	ft				in	in
T1	245.000-225.000	2.404	K Brace Right	No	Yes	4.625	4.625
T2	225.000-205.000	2.404	K Brace Right	No	Yes	4.625	4.625
T3	205.000-185.000	2.404	K Brace Right	No	Yes	4.625	4.625
T4	185.000-165.000	2.404	K Brace Right	No	Yes	4.625	4.625
T5	165.000-145.000	2.404	K Brace Right	No	Yes	4.625	4.625
T6	145.000-125.000	2.404	K Brace Right	No	Yes	4.625	4.625
T7	125.000-105.000	2.404	K Brace Right	No	Yes	4.625	4.625
T8	105.000-85.000	2.404	K Brace Right	No	Yes	4.625	4.625
T9	85.000-65.000	2.404	K Brace Right	No	Yes	4.625	4.625
T10	65.000-45.000	2.404	K Brace Right	No	Yes	4.625	4.625
T11	45.000-25.000	2.404	K Brace Right	No	Yes	4.625	4.625
T12	25.000-5.000	2.404	K Brace Right	No	Yes	4.625	4.625
T13	5.000-0.000	2.115	K Brace Right	No	Yes	4.625	4.625

Tower Section Geometry (cont'd)

Tower Elevation	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
ft						
T1	Solid Round	1 3/4	A529-50	Solid Round	1	A529-50
245.000-225.000			(50 ksi)			(50 ksi)
T2	Solid Round	1 3/4	A529-50	Solid Round	1	A529-50
225.000-205.000			(50 ksi)			(50 ksi)
T3	Solid Round	1 3/4	A529-50	Solid Round	1	A529-50
205.000-185.000			(50 ksi)			(50 ksi)
T4	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
185.000-165.000			(50 ksi)			(50 ksi)
T5	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
165.000-145.000			(50 ksi)			(50 ksi)
T6	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
145.000-125.000			(50 ksi)			(50 ksi)
T7	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
125.000-105.000			(50 ksi)			(50 ksi)
T8	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
105.000-85.000			(50 ksi)			(50 ksi)
T9	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
85.000-65.000			(50 ksi)			(50 ksi)
T10	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
65.000-45.000			(50 ksi)			(50 ksi)
T11	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
45.000-25.000			(50 ksi)			(50 ksi)
T12	Solid Round	1 3/4	A529-50	Solid Round	.75	A529-50
25.000-5.000			(50 ksi)			(50 ksi)
T13	Solid Round	2 1/4	A529-50	Solid Round	1	A529-50
5.000-0.000			(50 ksi)			(50 ksi)

Tower Section Geometry (cont'd)

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<i>Tower Elevation ft</i>	<i>Top Girt Type</i>	<i>Top Girt Size</i>	<i>Top Girt Grade</i>	<i>Bottom Girt Type</i>	<i>Bottom Girt Size</i>	<i>Bottom Girt Grade</i>
T1 245.000-225.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T2 225.000-205.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T3 205.000-185.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T4 185.000-165.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T5 165.000-145.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T6 145.000-125.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T7 125.000-105.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T8 105.000-85.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T9 85.000-65.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T10 65.000-45.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T11 45.000-25.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T12 25.000-5.000	Solid Round	3/4	A529-50 (50 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T13 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)

<i>Tower Elevation ft</i>	<i>No. of Mid Girts</i>	<i>Mid Girt Type</i>	<i>Mid Girt Size</i>	<i>Mid Girt Grade</i>	<i>Horizontal Type</i>	<i>Horizontal Size</i>	<i>Horizontal Grade</i>
T1 245.000-225.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T2 225.000-205.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T3 205.000-185.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T4 185.000-165.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T5 165.000-145.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T6 145.000-125.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T7 125.000-105.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T8 105.000-85.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T9 85.000-65.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T10 65.000-45.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T11 45.000-25.000	None	Flat Bar		A36 (36 ksi)	Solid Round	3/4	A529-50 (50 ksi)
T12 25.000-5.000	None	Flat Bar		A36	Solid Round	3/4	A529-50

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<i>Tower Elevation</i> <i>ft</i>	<i>No. of Mid Girts</i>	<i>Mid Girt Type</i>	<i>Mid Girt Size</i>	<i>Mid Girt Grade</i>	<i>Horizontal Type</i>	<i>Horizontal Size</i>	<i>Horizontal Grade</i>
T13 5.000-0.000	None	Flat Bar		(36 ksi) A36 (36 ksi)	Solid Round	3/4	(50 ksi) A529-50 (50 ksi)

Tower Section Geometry (cont'd)

<i>Tower Elevation</i> <i>ft</i>	<i>Gusset Area (per face)</i> <i>ft²</i>	<i>Gusset Thickness</i> <i>in</i>	<i>Gusset Grade</i>	<i>Adjust. Factor A_f</i>	<i>Adjust. Factor A_r</i>	<i>Weight Mult.</i>	<i>Double Angle Stitch Bolt Spacing Diagonals in</i>	<i>Double Angle Stitch Bolt Spacing Horizontals in</i>	<i>Double Angle Stitch Bolt Spacing Redundants in</i>
T1 245.000-225.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T2 225.000-205.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T3 205.000-185.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T4 185.000-165.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T5 165.000-145.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T6 145.000-125.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T7 125.000-105.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T8 105.000-85.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T9 85.000-65.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T10 65.000-45.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T11 45.000-25.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T12 25.000-5.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000
T13 5.000-0.000	0.000	0.000	A36 (36 ksi)	1	1	1	36.000	36.000	36.000

Tower Section Geometry (cont'd)

K Factors¹

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Tower Elevation	Calc K Single Angles	Calc K Solid Rounds	Legs	X Brace Diags X Y	K Brace Diags X Y	Single Diags X Y	Girts X Y	Horiz. X Y	Sec. Horiz. X Y	Inner Brace X Y
ft										
T1 245.000-225.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T2 225.000-205.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T3 205.000-185.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T4 185.000-165.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T5 165.000-145.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T6 145.000-125.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T7 125.000-105.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T8 105.000-85.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T9 85.000-65.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T10 65.000-45.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T11 45.000-25.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T12 25.000-5.000	No	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T13 5.000-0.000	No	Yes	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)

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 245.000-225.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T2 225.000-205.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T3 205.000-185.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75

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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
T4 185.000-165.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T5 165.000-145.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T6 145.000-125.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T7 125.000-105.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T8 105.000-85.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T9 85.000-65.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T10 65.000-45.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T11 45.000-25.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T12 25.000-5.000	0.000	1	0.000	1	0.000	1	0.000	1	0.000	0.75	0.000	1	0.000	0.75
T13 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	Net Width Deduct in	U	Net Width Deduct in	U
T1 245.000-225.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	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)
T2 225.000-205.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	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 205.000-185.000	0.000	0.75 (1)	0.000	0.75 (1)	0.000	0.75	0.000	0.75	0.000	0.75	0.75 (1)	0.000	0.75 (1)

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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	Net Width Deduct in	U	Net Width Deduct in	U
T4 185.000-165.0 00	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 (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)
T5 165.000-145.0 00	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 (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)
T6 145.000-125.0 00	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 (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)
T7 125.000-105.0 00	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 (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)
T8 105.000-85.00 0	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 (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)
T9 85.000-65.000	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 (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)

<i>tnxTower</i> <i>B+T Group</i> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job ATS# C467 - EV Olive Hamlet (Site# KY-4166)	Page 10 of 46
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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	Net Width Deduct in	U	Net Width Deduct in	U
T10 65.000-45.000	0.000	0.75 (4)	0.000	0.75 (4)	0.000	0.75	0.000	0.75	0.000	0.75		0.000	0.75 (4)
	0.000	0.75 (1)	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 (3)	0.000	0.75 (3)								0.000	0.75 (3)
T11 45.000-25.000	0.000	0.75 (4)	0.000	0.75 (4)	0.000	0.75	0.000	0.75	0.000	0.75		0.000	0.75 (4)
	0.000	0.75 (1)	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 (3)	0.000	0.75 (3)								0.000	0.75 (3)
T12 25.000-5.000	0.000	0.75 (4)	0.000	0.75 (4)	0.000	0.75	0.000	0.75	0.000	0.75		0.000	0.75 (4)
	0.000	0.75 (1)	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 (3)	0.000	0.75 (3)								0.000	0.75 (3)
T13 5.000-0.000	0.000	0.75 (4)	0.000	0.75 (4)	0.000	0.75	0.000	0.75	0.000	0.75		0.000	0.75 (4)
	0.000	0.75 (1)	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 (3)	0.000	0.75 (3)								0.000	0.75 (3)
	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 (4)	0.000	0.75 (4)								0.000	0.75 (4)

Tower Section Geometry (cont'd)

tnxTower B+T Group 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	AT# C467 - EV Olive Hamlet (Site# KY-4166)	Page	12 of 46
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195	EHS	A	7/16	2.080	10%	21000.000	0.399	264.004	180.000	0.000	0.000	100%
		B	EModulus	2.080	10%	21000.000	0.399	264.004	180.000	0.000	0.000	100%
		C	7/16	2.080	10%	21000.000	0.399	264.004	180.000	0.000	0.000	100%
			EModulus 7/16									
235	EHS	A	5/8	4.240	10%	21000.000	0.813	294.721	180.000	0.000	0.000	100%
		B	EModulus	4.240	10%	21000.000	0.813	294.721	180.000	0.000	0.000	100%
		C	5/8	4.240	10%	21000.000	0.813	294.721	180.000	0.000	0.000	100%
			EModulus 5/8									
			EModulus									

Guy Data(cont'd)

Guy Elevation ft	Mount Type	Torque-Arm Spread ft	Torque-Arm Leg Angle °	Torque-Arm Style	Torque-Arm Grade	Torque-Arm Type	Torque-Arm Size
62.2109	Corner						
122.211	Corner						
195	Torque Arm	6.000	0.000	Channel	A529-50 (50 ksi)	Channel	C12x20.7
235	Corner						

Guy Data (cont'd)

Guy Elevation ft	Diagonal Grade	Diagonal Type	Upper Diagonal Size	Lower Diagonal Size	Is Strap.	Pull-Off Grade	Pull-Off Type	Pull-Off Size
62.211	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8
122.211	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8
195.000	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8
235.000	A572-50 (50 ksi)	Solid Round			Yes	A529-50 (50 ksi)	Flat Bar	4x5/8

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 A ft	Tower Intercept B ft	Tower Intercept C ft	Tower Intercept D ft
62.2109	0.051	0.051	0.051		3.140	3.140	3.140	
					3.1 sec/pulse	3.1 sec/pulse	3.1 sec/pulse	
122.211	0.059	0.059	0.059		4.093	4.093	4.093	
					3.5 sec/pulse	3.5 sec/pulse	3.5 sec/pulse	
195	0.105	0.105	0.105		6.569	6.569	6.569	

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Guy Elevation	Cable Weight A K	Cable Weight B K	Cable Weight C K	Cable Weight D K	Tower Intercept A ft	Tower Intercept B ft	Tower Intercept C ft	Tower Intercept D ft
ft	K	K	K	K	ft	ft	ft	ft
235	0.240	0.240	0.240		4.4 sec/pulse 8.152 4.9 sec/pulse	4.4 sec/pulse 8.152 4.9 sec/pulse	4.4 sec/pulse 8.152 4.9 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
62.2109	No	No			0.8	0.8	1	1
122.211	No	No			0.8	0.8	1	1
195	No	No	1	1	0.8	0.8	1	1
235	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
62.2109	0.625 A325N	0	0.000	0.75	0.625 A325N	0	0.000	1	0.625 A325N	0	0.000	1
122.211	0.000 A325N	0	0.000	0.75	0.625 A325N	0	0.000	1	0.625 A325N	0	0.000	1
195	0.000 A325N	0	0.000	0.75	0.625 A325N	0	0.000	1	0.625 A325N	0	0.000	1
235	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
62.2109	A	31.105	0.024	0.002	1.491
	B	31.105	0.024	0.002	1.491
	C	31.105	0.024	0.002	1.491
122.211	A	61.105	0.027	0.002	1.595
	B	61.105	0.027	0.002	1.595
	C	61.105	0.027	0.002	1.595
195	A	97.500	0.030	0.002	1.672
	B	97.500	0.030	0.002	1.672
	C	97.500	0.030	0.002	1.672
235	A	117.500	0.031	0.003	1.703
	B	117.500	0.031	0.003	1.703
	C	117.500	0.031	0.003	1.703

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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)	240.000 - 10.000	0.000	0	18	9	0.750	1.625		0.001
1-5/8" Hybrid (Carrier 2) **	B	No	No	Ar (CaAa)	225.000 - 10.000	0.000	0	12	6	0.750	1.625		0.001
1-5/8" Hybrid (Carrier 3) **	A	No	No	Ar (CaAa)	210.000 - 10.000	0.000	0	12	6	0.750	1.625		0.001
Safety Line 3/8	A	No	No	Ar (CaAa)	245.000 - 10.000	0.000	0.45	1	1	0.375	0.375		0.000
Strobe Cable **	A	No	No	Ar (CaAa)	245.000 - 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	245.000-225.000	A	0.000	0.000	3.250	0.000	0.018
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	43.875	0.000	0.281
T2	225.000-205.000	A	0.000	0.000	13.000	0.000	0.081
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T3	205.000-185.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T4	185.000-165.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T5	165.000-145.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T6	145.000-125.000	A	0.000	0.000	42.250	0.000	0.268

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	APC Towers	Coody

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face</i>	<i>A_R</i>	<i>A_F</i>	<i>C_AA_A In Face</i>	<i>C_AA_A Out Face</i>	<i>Weight K</i>
			<i>ft²</i>	<i>ft²</i>	<i>ft²</i>	<i>ft²</i>	
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T7	125.000-105.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T8	105.000-85.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T9	85.000-65.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T10	65.000-45.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T11	45.000-25.000	A	0.000	0.000	42.250	0.000	0.268
		B	0.000	0.000	39.000	0.000	0.250
		C	0.000	0.000	58.500	0.000	0.374
T12	25.000-5.000	A	0.000	0.000	31.688	0.000	0.201
		B	0.000	0.000	29.250	0.000	0.187
		C	0.000	0.000	43.875	0.000	0.281
T13	5.000-0.000	A	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/Linear Appurtenances Section Areas - With Ice

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face or Leg</i>	<i>Ice Thickness in</i>	<i>A_R</i>	<i>A_F</i>	<i>C_AA_A In Face</i>	<i>C_AA_A Out Face</i>	<i>Weight K</i>
				<i>ft²</i>	<i>ft²</i>	<i>ft²</i>	<i>ft²</i>	
T1	245.000-225.000	A	1.825	0.000	0.000	17.853	0.000	0.254
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	47.724	0.000	1.112
T2	225.000-205.000	A	1.809	0.000	0.000	29.434	0.000	0.506
		B		0.000	0.000	46.843	0.000	1.024
		C		0.000	0.000	63.531	0.000	1.475
T3	205.000-185.000	A	1.792	0.000	0.000	64.310	0.000	1.265
		B		0.000	0.000	46.727	0.000	1.018
		C		0.000	0.000	63.420	0.000	1.467
T4	185.000-165.000	A	1.772	0.000	0.000	64.028	0.000	1.254
		B		0.000	0.000	46.599	0.000	1.012
		C		0.000	0.000	63.300	0.000	1.458
T5	165.000-145.000	A	1.751	0.000	0.000	63.716	0.000	1.242
		B		0.000	0.000	46.459	0.000	1.004
		C		0.000	0.000	63.166	0.000	1.448
T6	145.000-125.000	A	1.727	0.000	0.000	63.366	0.000	1.229
		B		0.000	0.000	46.300	0.000	0.996
		C		0.000	0.000	63.015	0.000	1.437
T7	125.000-105.000	A	1.699	0.000	0.000	62.965	0.000	1.213
		B		0.000	0.000	46.119	0.000	0.986
		C		0.000	0.000	62.844	0.000	1.424
T8	105.000-85.000	A	1.667	0.000	0.000	62.496	0.000	1.196
		B		0.000	0.000	45.907	0.000	0.975
		C		0.000	0.000	62.643	0.000	1.410
T9	85.000-65.000	A	1.628	0.000	0.000	61.928	0.000	1.175
		B		0.000	0.000	45.651	0.000	0.962
		C		0.000	0.000	62.400	0.000	1.392
T10	65.000-45.000	A	1.579	0.000	0.000	61.203	0.000	1.148
		B		0.000	0.000	45.324	0.000	0.945

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Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft ²	A_F ft ²	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²	Weight K
T11	45.000-25.000	C	1.509	0.000	0.000	62.090	0.000	1.370
		A		0.000	0.000	60.187	0.000	1.111
		B		0.000	0.000	44.867	0.000	0.922
T12	25.000-5.000	C	1.386	0.000	0.000	61.656	0.000	1.339
		A		0.000	0.000	43.803	0.000	0.786
		B		0.000	0.000	33.048	0.000	0.661
T13	5.000-0.000	C	1.159	0.000	0.000	45.671	0.000	0.963
		A		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	245.000-225.000	-0.628	2.516	-0.926	0.644
T2	225.000-205.000	0.830	-1.149	0.093	-0.611
T3	205.000-185.000	-0.386	-2.188	-0.699	-1.226
T4	185.000-165.000	-0.404	-2.294	-0.757	-1.341
T5	165.000-145.000	-0.404	-2.294	-0.759	-1.353
T6	145.000-125.000	-0.404	-2.294	-0.760	-1.367
T7	125.000-105.000	-0.391	-2.217	-0.721	-1.305
T8	105.000-85.000	-0.404	-2.294	-0.764	-1.400
T9	85.000-65.000	-0.404	-2.294	-0.765	-1.421
T10	65.000-45.000	-0.391	-2.217	-0.729	-1.375
T11	45.000-25.000	-0.404	-2.294	-0.768	-1.487
T12	25.000-5.000	-0.377	-2.110	-0.678	-1.360
T13	5.000-0.000	0.000	0.000	0.000	0.000

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T1	1	1-5/8" Hybrid	225.00 - 240.00	0.6000	0.4119
T1	7	Safety Line 3/8	225.00 - 245.00	0.6000	0.4119
T1	8	Strobe Cable	225.00 - 245.00	0.6000	0.4119
T2	1	1-5/8" Hybrid	205.00 - 225.00	0.6000	0.4415
T2	3	1-5/8" Hybrid	205.00 - 225.00	0.6000	0.4415
T2	5	1-5/8" Hybrid	205.00 - 210.00	0.6000	0.4415
T2	7	Safety Line 3/8	205.00 - 225.00	0.6000	0.4415
T2	8	Strobe Cable	205.00 - 225.00	0.6000	0.4415
T3	1	1-5/8" Hybrid	185.00 -	0.6000	0.4189

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<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>
T3	3	1-5/8" Hybrid	205.00 185.00 - 205.00	0.6000	0.4189
T3	5	1-5/8" Hybrid	185.00 - 205.00	0.6000	0.4189
T3	7	Safety Line 3/8	185.00 - 205.00	0.6000	0.4189
T3	8	Strobe Cable	185.00 - 205.00	0.6000	0.4189
T4	1	1-5/8" Hybrid	165.00 - 185.00	0.6000	0.4578
T4	3	1-5/8" Hybrid	165.00 - 185.00	0.6000	0.4578
T4	5	1-5/8" Hybrid	165.00 - 185.00	0.6000	0.4578
T4	7	Safety Line 3/8	165.00 - 185.00	0.6000	0.4578
T4	8	Strobe Cable	165.00 - 185.00	0.6000	0.4578
T5	1	1-5/8" Hybrid	145.00 - 165.00	0.6000	0.4622
T5	3	1-5/8" Hybrid	145.00 - 165.00	0.6000	0.4622
T5	5	1-5/8" Hybrid	145.00 - 165.00	0.6000	0.4622
T5	7	Safety Line 3/8	145.00 - 165.00	0.6000	0.4622
T5	8	Strobe Cable	145.00 - 165.00	0.6000	0.4622
T6	1	1-5/8" Hybrid	125.00 - 145.00	0.6000	0.4671
T6	3	1-5/8" Hybrid	125.00 - 145.00	0.6000	0.4671
T6	5	1-5/8" Hybrid	125.00 - 145.00	0.6000	0.4671
T6	7	Safety Line 3/8	125.00 - 145.00	0.6000	0.4671
T6	8	Strobe Cable	125.00 - 145.00	0.6000	0.4671
T7	1	1-5/8" Hybrid	105.00 - 125.00	0.6000	0.4471
T7	3	1-5/8" Hybrid	105.00 - 125.00	0.6000	0.4471
T7	5	1-5/8" Hybrid	105.00 - 125.00	0.6000	0.4471
T7	7	Safety Line 3/8	105.00 - 125.00	0.6000	0.4471
T7	8	Strobe Cable	105.00 - 125.00	0.6000	0.4471
T8	1	1-5/8" Hybrid	85.00 - 105.00	0.6000	0.4793
T8	3	1-5/8" Hybrid	85.00 - 105.00	0.6000	0.4793
T8	5	1-5/8" Hybrid	85.00 - 105.00	0.6000	0.4793
T8	7	Safety Line 3/8	85.00 - 105.00	0.6000	0.4793
T8	8	Strobe Cable	85.00 - 105.00	0.6000	0.4793
T9	1	1-5/8" Hybrid	65.00 - 85.00	0.6000	0.4874
T9	3	1-5/8" Hybrid	65.00 - 85.00	0.6000	0.4874
T9	5	1-5/8" Hybrid	65.00 - 85.00	0.6000	0.4874
T9	7	Safety Line 3/8	65.00 - 85.00	0.6000	0.4874
T9	8	Strobe Cable	65.00 - 85.00	0.6000	0.4874
T10	1	1-5/8" Hybrid	45.00 - 65.00	0.6000	0.4727
T10	3	1-5/8" Hybrid	45.00 - 65.00	0.6000	0.4727
T10	5	1-5/8" Hybrid	45.00 - 65.00	0.6000	0.4727

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Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T10	7	Safety Line 3/8	45.00 - 65.00	0.6000	0.4727
T10	8	Strobe Cable	45.00 - 65.00	0.6000	0.4727
T11	1	1-5/8" Hybrid	25.00 - 45.00	0.6000	0.5122
T11	3	1-5/8" Hybrid	25.00 - 45.00	0.6000	0.5122
T11	5	1-5/8" Hybrid	25.00 - 45.00	0.6000	0.5122
T11	7	Safety Line 3/8	25.00 - 45.00	0.6000	0.5122
T11	8	Strobe Cable	25.00 - 45.00	0.6000	0.5122
T12	1	1-5/8" Hybrid	10.00 - 25.00	0.6000	0.5380
T12	3	1-5/8" Hybrid	10.00 - 25.00	0.6000	0.5380
T12	5	1-5/8" Hybrid	10.00 - 25.00	0.6000	0.5380
T12	7	Safety Line 3/8	10.00 - 25.00	0.6000	0.5380
T12	8	Strobe Cable	10.00 - 25.00	0.6000	0.5380

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horiz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		$C_A A_A$ Front ft ²	$C_A A_A$ Side ft ²	Weight K
5' Lightning Rod	C	From Leg	0.000 0.000 3.000	0.000	245.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.000 2.017 3.050 5.148	1.000 2.017 3.050 5.148	0.040 0.049 0.065 0.116
Top Beacon	B	From Leg	0.000 0.000 1.000	0.000	245.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.700 3.100 3.500 4.300	2.700 3.100 3.500 4.300	0.050 0.070 0.090 0.130
**									
Sector1(CaAa=14000 Sq.in)No Ice (Carrier 1)	A	From Leg	4.000 0.000 0.000	0.000	240.000	No Ice 1/2" Ice 1" Ice 2" Ice	97.222 121.527 145.832 194.442	65.138 81.423 97.708 130.278	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	240.000	No Ice 1/2" Ice 1" Ice 2" Ice	97.222 121.527 145.832 194.442	65.138 81.423 97.708 130.278	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	240.000	No Ice 1/2" Ice 1" Ice 2" Ice	97.222 121.527 145.832 194.442	65.138 81.423 97.708 130.278	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	225.000	No Ice 1/2" Ice 1" Ice 2" Ice	69.444 86.805 104.166 138.888	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	225.000	No Ice 1/2" Ice 1" Ice 2" Ice	69.444 86.805 104.166 138.888	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	225.000	No Ice 1/2" Ice 1" Ice	69.444 86.805 104.166	46.527 58.159 69.791	0.700 1.400 2.100

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	APC Towers	Coody

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
						2" Ice	138.888	93.055	3.500
**						No Ice	69.444	46.527	0.700
Sector1(CaAa=10000	A	From Leg	4.000	0.000	210.000	1/2" Ice	86.805	58.159	1.400
Sq.in)No Ice			0.000			1" Ice	104.166	69.791	2.100
(Carrier 3)			0.000			2" Ice	138.888	93.055	3.500
Sector2(CaAa=10000	B	From Leg	4.000	0.000	210.000	No Ice	69.444	46.527	0.700
Sq.in)No Ice			0.000			1/2" Ice	86.805	58.159	1.400
(Carrier 3)			0.000			1" Ice	104.166	69.791	2.100
						2" Ice	138.888	93.055	3.500
Sector3(CaAa=10000	C	From Leg	4.000	0.000	210.000	No Ice	69.444	46.527	0.700
Sq.in)No Ice			0.000			1/2" Ice	86.805	58.159	1.400
(Carrier 3)			0.000			1" Ice	104.166	69.791	2.100
						2" Ice	138.888	93.055	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
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

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Comb. No.	Description
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	245 - 225	Leg	Max Tension	9	9.639	-0.013	0.024
			Max. Compression	3	-21.463	0.105	-0.258
			Max. Mx	5	-8.206	-0.492	-0.030
			Max. My	13	-10.780	0.209	0.422
			Max. Vy	11	-2.223	0.168	-0.015
			Max. Vx	3	-2.178	-0.072	0.151
		Diagonal	Max Tension	5	7.469	0.000	0.000
			Max. Compression	11	-7.476	0.000	0.000
			Max. Mx	20	-0.406	0.014	0.000
			Max. My	5	-0.821	0.000	-0.000
			Max. Vy	20	-0.014	0.000	0.000
			Max. Vx	5	0.000	0.000	0.000
		Horizontal	Max Tension	3	2.568	0.000	0.000
			Max. Compression	9	-2.613	0.000	0.000
			Max. Mx	21	0.067	0.008	0.000
			Max. My	11	2.557	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	0.079	0.000	0.000
			Max. Compression	3	-0.082	0.000	0.000
			Max. Mx	21	-0.004	0.008	0.000
			Max. My	11	0.043	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	1.767	0.000	0.000
			Max. Compression	11	-1.710	0.000	0.000
			Max. Mx	21	-0.075	0.008	0.000
			Max. My	11	0.720	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	22.990		
			Top Tension	9	23.177		
			Top Cable Vert	9	18.523		
			Top Cable Norm	9	13.932		
			Top Cable Tan	9	0.054		
			Bot Cable Vert	9	-18.108		
		Guy B	Bot Cable Norm	9	14.162		
			Bot Cable Tan	9	0.264		
			Bottom Tension	13	22.728		
			Top Tension	13	22.916		
			Top Cable Vert	13	18.316		
			Top Cable Norm	13	13.771		
			Top Cable Tan	13	0.050		
			Bot Cable Vert	13	-17.902		
			Bot Cable Norm	13	14.002		
			Bot Cable Tan	13	0.260		

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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T2	225 - 205	Guy C	Bottom Tension	3	22.950		
			Top Tension	3	23.137		
			Top Cable Vert	3	18.491		
			Top Cable Norm	3	13.907		
			Top Cable Tan	3	0.054		
			Bot Cable Vert	3	-18.076		
			Bot Cable Norm	3	14.137		
			Bot Cable Tan	3	0.264		
		Top Guy Pull-Off	Max Tension	9	6.914	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	21	1.845	0.026	0.000
			Max. My	11	0.479	0.000	0.000
			Max. Vy	21	-0.035	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Leg	Max Tension	3	0.082	-0.190	-0.185
			Max. Compression	6	-23.622	0.024	-0.043
			Max. Mx	5	-20.901	1.338	-0.490
			Max. My	9	-20.766	-0.301	1.388
			Max. Vy	11	-3.444	0.023	-0.027
			Max. Vx	9	3.496	-0.301	1.388
		Diagonal	Max Tension	11	10.771	0.000	0.000
			Max. Compression	5	-10.938	0.000	0.000
			Max. Mx	20	1.556	0.014	0.000
			Max. My	11	1.699	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	1.722	0.000	0.000
			Max. Compression	9	-1.584	0.000	0.000
			Max. Mx	21	0.005	0.008	0.000
			Max. My	11	0.092	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	1.278	0.000	0.000
			Max. Compression	5	-1.262	0.000	0.000
			Max. Mx	21	0.011	0.008	0.000
			Max. My	11	1.278	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	3.928	0.000	0.000
			Max. Compression	11	-3.624	0.000	0.000
			Max. Mx	21	0.260	0.008	0.000
			Max. My	11	-3.624	0.000	0.000
			Max. Vy	21	-0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
T3	205 - 185	Leg	Max Tension	8	20.399	0.023	0.006
			Max. Compression	2	-50.805	0.145	-0.006
			Max. Mx	11	0.640	1.350	-0.432
			Max. My	3	0.179	-0.346	1.370
			Max. Vy	11	-3.445	1.350	-0.432
			Max. Vx	9	3.499	0.362	-1.307
		Diagonal	Max Tension	5	10.839	0.000	0.000
			Max. Compression	11	-10.981	0.000	0.000
			Max. Mx	22	1.586	0.013	0.000
			Max. My	5	0.905	0.000	-0.000
			Max. Vy	22	0.014	0.000	0.000
			Max. Vx	5	0.000	0.000	0.000
		Horizontal	Max Tension	3	1.101	0.000	0.000
			Max. Compression	9	-1.072	0.000	0.000
			Max. Mx	21	0.191	0.008	0.000
			Max. My	11	1.013	0.000	0.000
			Max. Vy	21	-0.011	0.000	0.000

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	APC Towers	Coody

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T4	185 - 165	Top Girt	Max. Vx	11	-0.000	0.000	0.000
			Max Tension	11	3.711	0.000	0.000
			Max. Compression	5	-3.875	0.000	0.000
			Max. Mx	21	-0.156	0.008	0.000
			Max. My	11	3.711	0.000	0.000
			Max. Vy	21	-0.011	0.000	0.000
		Bottom Girt	Max. Vx	11	-0.000	0.000	0.000
			Max Tension	13	1.799	0.000	0.000
			Max. Compression	7	-1.740	0.000	0.000
			Max. Mx	21	-0.009	0.008	0.000
			Max. My	11	0.436	0.000	0.000
			Max. Vy	21	-0.011	0.000	0.000
		Guy A	Max. Vx	11	-0.000	0.000	0.000
			Bottom Tension	9	11.608		
			Top Tension	9	11.684		
			Top Cable Vert	9	8.662		
			Top Cable Norm	9	7.842		
			Top Cable Tan	9	0.012		
		Guy B	Bot Cable Vert	9	-8.452		
			Bot Cable Norm	9	7.956		
			Bot Cable Tan	9	0.129		
			Bottom Tension	13	11.486		
			Top Tension	13	11.562		
			Top Cable Vert	13	8.572		
		Guy C	Top Cable Norm	13	7.758		
			Top Cable Tan	13	0.011		
			Bot Cable Vert	13	-8.363		
			Bot Cable Norm	13	7.872		
			Bot Cable Tan	13	0.127		
			Bottom Tension	3	11.619		
		Top Guy Pull-Off	Top Tension	3	11.695		
			Top Cable Vert	3	8.670		
			Top Cable Norm	3	7.849		
			Top Cable Tan	3	0.012		
			Bot Cable Vert	3	-8.460		
			Bot Cable Norm	3	7.963		
		Torque Arm Top	Bot Cable Tan	3	0.129		
			Max Tension	3	6.232	0.000	0.000
			Max. Compression	9	-6.069	0.000	0.000
			Max. Mx	21	0.993	0.026	0.000
			Max. My	11	-3.401	0.000	0.000
			Max. Vy	21	-0.034	0.000	0.000
		Leg	Max. Vx	11	-0.000	0.000	0.000
			Max Tension	3	8.808	0.000	0.000
			Max. Compression	3	-4.348	0.000	0.000
			Max. Mx	9	0.519	-26.103	-0.000
			Max. My	11	-1.387	-11.646	-0.000
			Max. Vy	9	8.738	-26.103	-0.000
		Diagonal	Max. Vx	11	-0.000	-11.646	-0.000
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	10	-39.568	-0.283	0.303
			Max. Mx	11	-17.935	-0.559	-0.044
			Max. My	7	-19.304	0.288	0.603
			Max. Vy	5	-1.398	-0.096	-0.013
			Max. Vx	13	1.565	0.041	0.094
			Max Tension	13	3.275	0.000	0.000
			Max. Compression	7	-3.527	0.000	0.000
			Max. Mx	18	-0.307	0.010	0.000
			Max. My	11	1.820	0.000	0.000
			Max. Vy	18	-0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000

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	APC Towers	Coody

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T5	165 - 145	Horizontal	Max Tension	7	0.607	0.000	0.000
			Max. Compression	13	-0.384	0.000	0.000
			Max. Mx	23	0.174	0.008	0.000
			Max. My	11	-0.076	0.000	0.000
			Max. Vy	21	-0.011	0.000	0.000
		Top Girt	Max. Vx	11	-0.000	0.000	0.000
			Max Tension	7	1.754	0.000	0.000
			Max. Compression	13	-1.596	0.000	0.000
			Max. Mx	21	0.153	0.008	0.000
			Max. My	11	-0.276	0.000	0.000
		Bottom Girt	Max. Vy	21	-0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
			Max Tension	13	1.071	0.000	0.000
			Max. Compression	7	-0.962	0.000	0.000
			Max. Mx	23	0.144	0.008	0.000
		Leg	Max. My	11	-0.020	0.000	0.000
			Max. Vy	23	-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	26	-36.254	0.054	-0.096
		Diagonal	Max. Mx	11	-19.692	-0.361	-0.032
			Max. My	7	-21.359	0.178	0.386
			Max. Vy	5	-0.806	-0.068	-0.002
			Max. Vx	13	0.884	0.036	0.058
			Max Tension	13	1.992	0.000	0.000
		Horizontal	Max. Compression	7	-2.219	0.000	0.000
			Max. Mx	24	-0.013	0.010	0.000
			Max. My	11	1.012	0.000	0.000
			Max. Vy	24	-0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
		Top Girt	Max Tension	7	0.458	0.000	0.000
			Max. Compression	13	-0.216	0.000	0.000
			Max. Mx	23	0.195	0.008	0.000
			Max. My	11	0.075	0.000	0.000
			Max. Vy	23	0.011	0.000	0.000
		Bottom Girt	Max. Vx	11	-0.000	0.000	0.000
			Max Tension	7	0.974	0.000	0.000
			Max. Compression	13	-0.860	0.000	0.000
			Max. Mx	23	0.014	0.008	0.000
			Max. My	11	0.191	0.000	0.000
		Leg	Max. Vy	23	0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
			Max Tension	13	0.706	0.000	0.000
			Max. Compression	7	-0.592	0.000	0.000
			Max. Mx	14	0.114	0.008	0.000
T6	145 - 125	Diagonal	Max. My	11	-0.529	0.000	0.000
			Max. Vy	14	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	23	-38.751	0.059	0.101
		Horizontal	Max. Mx	5	-30.714	0.460	-0.183
			Max. My	9	-31.335	-0.110	0.530
			Max. Vy	5	1.103	0.035	-0.072
			Max. Vx	9	1.197	0.042	0.068
			Max Tension	7	3.255	0.000	0.000
		Top Girt	Max. Compression	13	-3.654	0.000	0.000
			Max. Mx	24	-0.034	0.010	0.000
			Max. My	16	-0.253	0.000	0.000
			Max. Vy	24	-0.011	0.000	0.000
			Max. Vx	16	0.000	0.000	0.000
		Bottom Girt	Max Tension	13	0.550	0.000	0.000
			Max. Compression	7	-0.592	0.000	0.000
			Max. Mx	14	0.114	0.008	0.000
			Max. My	11	-0.529	0.000	0.000
			Max. Vy	14	0.011	0.000	0.000

tnxTower B+T Group 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page
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	Project	Date
	245' 36G/36.79706944, -88.25491111	15:58:44 05/28/26
	Client	Designed by
	APC Towers	Coody

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T7	125 - 105	Top Girt	Max. Compression	3	-0.262	0.000	0.000
			Max. Mx	14	0.215	0.008	0.000
			Max. My	11	0.233	0.000	0.000
			Max. Vy	14	-0.011	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
			Max Tension	7	0.775	0.000	0.000
			Max. Compression	13	-0.656	0.000	0.000
			Max. Mx	14	0.045	0.008	0.000
			Max. My	11	0.704	0.000	0.000
			Max. Vy	14	-0.011	0.000	0.000
		Bottom Girt	Max. Vx	11	-0.000	0.000	0.000
			Max Tension	13	1.277	0.000	0.000
			Max. Compression	7	-1.107	0.000	0.000
			Max. Mx	25	0.149	0.008	0.000
			Max. My	11	-0.991	0.000	0.000
			Max. Vy	25	-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	21	-43.455	-0.132	0.001
		Diagonal	Max. Mx	11	-16.267	0.453	-0.137
			Max. My	3	-16.156	-0.135	0.504
			Max. Vy	5	1.109	-0.392	0.043
			Max. Vx	9	1.206	0.193	-0.396
			Max Tension	13	3.432	0.000	0.000
			Max. Compression	7	-3.650	0.000	0.000
			Max. Mx	16	-0.382	0.010	0.000
			Max. My	16	-0.137	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	3	0.622	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	25	0.285	0.008	0.000
			Max. My	11	0.553	0.000	0.000
			Max. Vy	25	0.010	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
			Max Tension	7	1.260	0.000	0.000
			Max. Compression	13	-1.186	0.000	0.000
			Max. Mx	25	0.017	0.008	0.000
			Max. My	11	1.139	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	1.260	0.000	0.000
			Max. Compression	13	-1.186	0.000	0.000
			Max. Mx	25	0.017	0.008	0.000
			Max. My	11	1.139	0.000	0.000
			Max. Vy	25	0.010	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
			Max Tension	13	0.767	0.000	0.000
			Max. Compression	7	-0.597	0.000	0.000
		Bottom Girt	Max. Mx	25	0.065	0.008	0.000
			Max. My	13	-0.121	0.000	-0.000
			Max. Vy	25	0.010	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
		Guy A	Bottom Tension	9	7.974		
			Top Tension	9	8.007		
			Top Cable Vert	9	4.555		
			Top Cable Norm	9	6.585		
			Top Cable Tan	9	0.005		
			Bot Cable Vert	9	-4.443		
			Bot Cable Norm	9	6.621		
			Bot Cable Tan	9	0.071		
		Guy B	Bottom Tension	13	7.965		
			Top Tension	13	7.998		
			Top Cable Vert	13	4.550		
			Top Cable Norm	13	6.577		
			Top Cable Tan	13	0.005		
			Bot Cable Vert	13	-4.438		

<i>tnxTower</i> <i>B+T Group</i> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS# C467 - EV Olive Hamlet (Site# KY-4166)	Page	25 of 46
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	Client	APC Towers	Designed by	Coody

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T8	105 - 85	Guy C	Bot Cable Norm	13	6.614		
			Bot Cable Tan	13	0.071		
			Bottom Tension	3	7.982		
			Top Tension	3	8.015		
			Top Cable Vert	3	4.560		
			Top Cable Norm	3	6.591		
			Top Cable Tan	3	0.006		
			Bot Cable Vert	3	-4.447		
			Bot Cable Norm	3	6.628		
			Bot Cable Tan	3	0.072		
		Top Guy Pull-Off	Max Tension	3	3.520	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	25	1.615	0.025	0.000
			Max. My	11	3.132	0.000	0.000
			Max. Vy	25	-0.033	0.000	0.000
			Max. Vx	11	-0.000	0.000	0.000
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	21	-45.976	-0.139	0.002
			Max. Mx	11	-25.577	-0.300	-0.026
			Max. My	7	-27.114	0.132	0.291
		Diagonal	Max. Vy	5	-0.615	-0.079	0.000
			Max. Vx	13	0.588	0.044	0.069
			Max Tension	5	1.056	0.000	0.000
			Max. Compression	7	-1.307	0.000	0.000
			Max. Mx	16	-0.120	0.010	0.000
			Max. My	16	-0.305	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	0.398	0.000	0.000
			Max. Compression	13	-0.105	0.000	0.000
			Max. Mx	25	0.187	0.008	0.000
			Max. My	13	0.314	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	0.633	0.000	0.000
			Max. Compression	13	-0.540	0.000	0.000
			Max. Mx	25	0.108	0.008	0.000
			Max. My	13	0.187	0.000	-0.000
			Max. Vy	25	0.010	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
		Bottom Girt	Max Tension	13	0.403	0.000	0.000
			Max. Compression	3	-0.245	0.000	0.000
			Max. Mx	14	0.111	0.008	0.000
			Max. My	13	0.403	0.000	-0.000
			Max. Vy	14	0.010	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
T9	85 - 65	Leg	Max Tension	1	0.000	0.000	0.000
			Max. Compression	15	-46.642	0.073	0.124
			Max. Mx	5	-31.247	0.378	-0.121
			Max. My	8	-26.084	0.006	0.426
			Max. Vy	5	0.865	0.044	-0.078
			Max. Vx	2	-0.977	-0.099	-0.005
		Diagonal	Max Tension	3	2.260	0.000	0.000
			Max. Compression	9	-2.689	0.000	0.000
			Max. Mx	16	0.128	0.009	0.000
			Max. My	13	0.829	0.000	0.000
			Max. Vy	16	0.010	0.000	0.000
			Max. Vx	13	-0.000	0.000	0.000
		Horizontal	Max Tension	8	0.484	0.000	0.000
			Max. Compression	2	-0.197	0.000	0.000
			Max. Mx	14	0.222	0.007	0.000

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	Project	Date
	245' 36G/36.79706944, -88.25491111	15:58:44 05/28/26
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	APC Towers	Coody

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T10	65 - 45	Top Girt	Max. My	13	0.465	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	0.446	0.000	0.000
			Max. Compression	13	-0.333	0.000	0.000
			Max. Mx	14	0.073	0.007	0.000
		Bottom Girt	Max. My	13	-0.333	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	1.039	0.000	0.000
			Max. Compression	8	-0.828	0.000	0.000
			Max. Mx	14	0.113	0.007	0.000
		Leg	Max. My	13	0.918	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	21	-51.481	-0.158	0.002
			Max. Mx	11	-24.083	0.364	-0.094
		Diagonal	Max. My	2	-30.843	0.007	0.449
			Max. Vy	5	0.872	-0.292	-0.032
			Max. Vx	2	-0.979	-0.057	0.372
			Max Tension	9	2.418	0.000	0.000
			Max. Compression	3	-2.693	0.000	0.000
			Max. Mx	16	-0.456	0.009	0.000
		Horizontal	Max. My	13	-0.817	0.000	0.000
			Max. Vy	16	0.009	0.000	0.000
			Max. Vx	13	-0.000	0.000	0.000
			Max Tension	3	0.557	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	23	0.242	0.007	0.000
		Top Girt	Max. My	13	0.095	0.000	-0.000
			Max. Vy	23	-0.009	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
			Max Tension	8	0.992	0.000	0.000
			Max. Compression	2	-0.938	0.000	0.000
			Max. Mx	14	0.078	0.007	0.000
		Bottom Girt	Max. My	13	-0.807	0.000	-0.000
			Max. Vy	14	-0.009	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
			Max Tension	8	0.628	0.000	0.000
			Max. Compression	2	-0.420	0.000	0.000
			Max. Mx	23	0.182	0.007	0.000
		Guy A	Max. My	13	-0.362	0.000	-0.000
			Max. Vy	23	-0.009	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
			Bottom Tension	7	6.288		
			Top Tension	7	6.305		
			Top Cable Vert	7	2.105		
		Guy B	Top Cable Norm	7	5.943		
			Top Cable Tan	7	0.002		
			Bot Cable Vert	7	-2.031		
			Bot Cable Norm	7	5.951		
			Bot Cable Tan	7	0.039		
			Bottom Tension	13	6.297		
			Top Tension	13	6.313		
			Top Cable Vert	13	2.108		
			Top Cable Norm	13	5.951		
			Top Cable Tan	13	0.002		
			Bot Cable Vert	13	-2.034		
			Bot Cable Norm	13	5.959		
			Bot Cable Tan	13	0.039		

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	Project	Date
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	Client	Designed by
	APC Towers	Coody

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T11	45 - 25	Guy C	Bottom Tension	3	6.288		
			Top Tension	3	6.305		
			Top Cable Vert	3	2.105		
			Top Cable Norm	3	5.943		
			Top Cable Tan	3	0.002		
			Bot Cable Vert	3	-2.031		
			Bot Cable Norm	3	5.951		
			Bot Cable Tan	3	0.039		
		Top Guy Pull-Off	Max Tension	3	3.153	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	14	1.985	0.024	0.000
			Max. My	13	0.077	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	-53.498	-0.165	0.002
			Max. Mx	11	-28.547	-0.240	-0.015
			Max. My	2	-38.213	0.053	-0.236
			Max. Vy	5	-0.444	-0.087	0.003
			Max. Vx	2	0.471	0.059	0.085
		Diagonal	Max Tension	7	1.113	0.000	0.000
			Max. Compression	13	-1.332	0.000	0.000
			Max. Mx	16	-0.215	0.009	0.000
			Max. My	13	0.208	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	13	0.336	0.000	0.000
			Max. Compression	2	-0.043	0.000	0.000
			Max. Mx	23	0.259	0.007	0.000
			Max. My	13	0.233	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	0.485	0.000	0.000
			Max. Compression	8	-0.425	0.000	0.000
			Max. Mx	23	0.022	0.007	0.000
			Max. My	13	0.447	0.000	-0.000
			Max. Vy	23	-0.009	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
		Bottom Girt	Max Tension	7	0.307	0.000	0.000
			Max. Compression	13	-0.116	0.000	0.000
			Max. Mx	23	0.138	0.007	0.000
			Max. My	13	0.085	0.000	-0.000
			Max. Vy	23	-0.009	0.000	0.000
			Max. Vx	13	0.000	0.000	0.000
T12	25 - 5	Leg	Max Tension	1	0.000	0.000	0.000
			Max. Compression	16	-53.660	-2.545	1.527
			Max. Mx	24	-53.587	2.590	1.437
			Max. My	21	-53.580	-0.056	-2.962
			Max. Vy	18	7.764	-2.541	1.526
			Max. Vx	20	8.935	-0.056	-2.962
		Diagonal	Max Tension	2	1.152	0.000	0.000
			Max. Compression	6	-1.426	0.000	0.000
			Max. Mx	16	0.052	0.008	0.000
			Max. My	13	0.992	0.000	0.000
			Max. Vy	16	0.008	0.000	0.000
			Max. Vx	13	-0.000	0.000	0.000
		Horizontal	Max Tension	21	0.298	0.000	0.000
			Max. Compression	13	-0.150	0.000	0.000
			Max. Mx	23	-0.001	0.006	0.000
			Max. My	13	0.228	0.000	-0.000
			Max. Vy	23	0.008	0.000	0.000

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	Project	Date
	245' 36G/36.79706944, -88.25491111	15:58:44 05/28/26
	Client	Designed by
	APC Towers	Coody

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T13	5 - 0	Top Girt	Max. Vx	13	0.000	0.000	0.000
			Max Tension	13	0.336	0.000	0.000
			Max. Compression	7	-0.235	0.000	0.000
			Max. Mx	23	0.069	0.006	0.000
			Max. My	13	0.006	0.000	-0.000
			Max. Vy	23	0.008	0.000	0.000
		Bottom Girt	Max. Vx	13	0.000	0.000	0.000
			Max Tension	22	5.353	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	23	5.285	0.006	0.000
			Max. My	13	3.416	0.000	-0.000
			Max. Vy	23	0.008	0.000	0.000
		Leg	Max. Vx	13	0.000	0.000	0.000
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	22	-56.723	0.152	0.332
			Max. Mx	16	-53.588	2.967	-0.047
			Max. My	13	-33.523	-0.045	-0.852
			Max. Vy	19	9.397	-0.875	-0.014
		Diagonal	Max. Vx	22	-2.015	-0.401	0.203
			Max Tension	7	0.603	0.000	0.000
			Max. Compression	22	-7.303	0.000	0.000
			Max. Mx	15	-0.456	0.005	0.000
			Max. My	13	-1.139	0.000	0.000
			Max. Vy	15	-0.007	0.000	0.000
		Horizontal	Max. Vx	2	-0.000	0.000	0.000
			Max Tension	13	0.495	0.000	0.000
			Max. Compression	7	-0.200	0.000	0.000
			Max. Mx	23	0.215	0.001	0.000
			Max. My	13	0.373	0.000	-0.000
			Max. Vy	23	-0.003	0.000	0.000
		Top Girt	Max. Vx	13	0.000	0.000	0.000
			Max Tension	15	6.131	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	23	6.104	0.004	0.000
			Max. My	13	3.840	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	1.858	0.000	0.000
			Max. Compression	1	0.000	0.000	0.000
			Max. Mx	14	1.800	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	160.414	-0.009	-0.066
	Max. H _x	12	78.550	0.483	0.284
	Max. H _z	27	53.287	-0.001	0.305
	Max. M _x	1	0.000	-0.001	0.005
	Max. M _z	1	0.000	-0.001	0.005
	Max. Torsion	13	0.639	0.305	-0.057
	Min. Vert	1	51.143	-0.001	0.005
	Min. H _x	4	78.778	-0.482	0.280
	Min. H _z	8	80.464	-0.000	-0.597
	Min. M _x	1	0.000	-0.001	0.005

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Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Guy C @ 180 ft Elev 0 ft Azimuth 240 deg	Min. M _z	1	0.000	-0.001	0.005
	Min. Torsion	7	-0.861	0.207	-0.230
	Max. Vert	10	-0.748	-0.429	0.248
	Max. H _x	10	-0.748	-0.429	0.248
	Max. H _z	3	-41.004	-36.221	21.654
	Min. Vert	3	-41.004	-36.221	21.654
	Min. H _x	3	-41.004	-36.221	21.654
	Min. H _z	10	-0.748	-0.429	0.248
	Max. Vert	6	-0.753	0.433	0.250
	Max. H _x	13	-40.674	35.983	21.506
Guy B @ 180 ft Elev 0 ft Azimuth 120 deg	Max. H _z	13	-40.674	35.983	21.506
	Min. Vert	13	-40.674	35.983	21.506
	Min. H _x	6	-0.753	0.433	0.250
	Min. H _z	6	-0.753	0.433	0.250
	Max. Vert	2	-0.716	-0.000	-0.459
	Max. H _x	10	-33.695	0.944	-34.271
	Max. H _z	2	-0.716	-0.000	-0.459
	Min. Vert	9	-41.029	0.642	-42.207
	Min. H _x	6	-33.406	-0.937	-34.024
	Min. H _z	9	-41.029	0.642	-42.207
Guy A @ 180 ft Elev 0 ft Azimuth 0 deg	Max. H _x	10	-33.695	0.944	-34.271
	Max. H _z	2	-0.716	-0.000	-0.459
	Min. Vert	9	-41.029	0.642	-42.207
	Min. H _x	6	-33.406	-0.937	-34.024
	Min. H _z	9	-41.029	0.642	-42.207
	Max. H _x	10	-33.695	0.944	-34.271
	Max. H _z	2	-0.716	-0.000	-0.459
	Min. Vert	9	-41.029	0.642	-42.207
	Min. H _x	6	-33.406	-0.937	-34.024
	Min. H _z	9	-41.029	0.642	-42.207

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturing Moment, M _x kip-ft	Overturing Moment, M _z kip-ft	Torque kip-ft
Dead Only	51.143	0.001	-0.005	0.000	0.000	0.051
1.2 Dead+1.0 Wind 0 deg - No Ice+1.0 Guy	105.816	0.002	0.253	0.000	0.000	-0.040
1.2 Dead+1.0 Wind 30 deg - No Ice+1.0 Guy	96.934	0.307	0.072	0.000	0.000	0.566
1.2 Dead+1.0 Wind 60 deg - No Ice+1.0 Guy	78.778	0.482	-0.280	0.000	0.000	0.310
1.2 Dead+1.0 Wind 90 deg - No Ice+1.0 Guy	92.952	0.148	-0.249	0.000	0.000	-0.015
1.2 Dead+1.0 Wind 120 deg - No Ice+1.0 Guy	101.054	-0.101	-0.063	0.000	0.000	0.465
1.2 Dead+1.0 Wind 150 deg - No Ice+1.0 Guy	96.485	-0.207	0.230	0.000	0.000	0.861
1.2 Dead+1.0 Wind 180 deg - No Ice+1.0 Guy	80.464	0.000	0.597	0.000	0.000	0.268
1.2 Dead+1.0 Wind 210 deg - No Ice+1.0 Guy	96.970	0.219	0.219	0.000	0.000	-0.351
1.2 Dead+1.0 Wind 240 deg - No Ice+1.0 Guy	101.628	0.118	-0.073	0.000	0.000	-0.067
1.2 Dead+1.0 Wind 270 deg - No Ice+1.0 Guy	92.954	-0.145	-0.251	0.000	0.000	0.220
1.2 Dead+1.0 Wind 300 deg - No Ice+1.0 Guy	78.550	-0.483	-0.284	0.000	0.000	-0.332
1.2 Dead+1.0 Wind 330 deg - No Ice+1.0 Guy	96.450	-0.305	0.057	0.000	0.000	-0.639

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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 Ice+1.0 Temp+Guy	159.403	0.008	-0.011	0.000	0.000	0.182
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.414	0.009	0.066	0.000	0.000	0.137
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.079	-0.029	0.047	0.000	0.000	0.115
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp+1.0 Guy	159.752	-0.047	0.023	0.000	0.000	0.165
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.059	-0.049	-0.003	0.000	0.000	0.220
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.397	-0.047	-0.043	0.000	0.000	0.212
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.093	-0.020	-0.072	0.000	0.000	0.196
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp+1.0 Guy	159.792	0.008	-0.083	0.000	0.000	0.230
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.100	0.037	-0.072	0.000	0.000	0.252
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.406	0.064	-0.043	0.000	0.000	0.202
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.064	0.067	-0.004	0.000	0.000	0.146
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp+1.0 Guy	159.752	0.064	0.022	0.000	0.000	0.154
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp+1.0 Guy	160.075	0.046	0.046	0.000	0.000	0.171
Dead+Wind 0 deg - Service+Guy	53.287	0.001	-0.305	0.000	0.000	-0.008
Dead+Wind 30 deg - Service+Guy	53.116	0.147	-0.253	0.000	0.000	0.172
Dead+Wind 60 deg - Service+Guy	52.816	0.234	-0.139	0.000	0.000	0.122
Dead+Wind 90 deg - Service+Guy	52.727	0.263	-0.003	0.000	0.000	0.049
Dead+Wind 120 deg - Service+Guy	52.559	0.244	0.136	0.000	0.000	0.183
Dead+Wind 150 deg - Service+Guy	53.067	0.144	0.246	0.000	0.000	0.277
Dead+Wind 180 deg - Service+Guy	52.987	0.001	0.295	0.000	0.000	0.113
Dead+Wind 210 deg - Service+Guy	53.126	-0.141	0.245	0.000	0.000	-0.066
Dead+Wind 240 deg - Service+Guy	52.641	-0.240	0.134	0.000	0.000	-0.019
Dead+Wind 270 deg - Service+Guy	52.729	-0.260	-0.004	0.000	0.000	0.056
Dead+Wind 300 deg - Service+Guy	52.794	-0.232	-0.140	0.000	0.000	-0.077
Dead+Wind 330 deg - Service+Guy	53.054	-0.145	-0.255	0.000	0.000	-0.172

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	-28.072	0.000	0.000	28.072	0.000	0.001%
2	-0.000	-33.503	-37.945	0.000	33.502	37.940	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	
3	18.544	-33.350	-32.120	-18.545	33.350	32.116	0.008%
4	30.505	-33.198	-17.612	-30.505	33.198	17.609	0.005%
5	34.181	-33.350	0.000	-34.178	33.350	0.002	0.010%
6	30.343	-33.503	17.519	-30.339	33.502	-17.516	0.010%
7	18.423	-33.350	31.909	-18.419	33.350	-31.907	0.008%
8	0.000	-33.198	37.888	0.000	33.198	-37.885	0.005%
9	-18.544	-33.350	32.120	18.541	33.350	-32.118	0.008%
10	-30.554	-33.503	17.640	30.550	33.502	-17.638	0.010%
11	-34.181	-33.350	0.000	34.178	33.350	0.002	0.010%
12	-30.294	-33.198	-17.490	30.294	33.198	17.488	0.005%
13	-18.423	-33.350	-31.909	18.423	33.350	31.905	0.008%
14	0.000	-118.167	0.000	-0.000	118.167	-0.003	0.002%
15	0.000	-118.268	-6.677	0.000	118.268	6.676	0.001%
16	3.311	-118.167	-5.734	-3.311	118.167	5.733	0.001%
17	5.639	-118.065	-3.256	-5.638	118.065	3.255	0.001%
18	6.444	-118.167	0.000	-6.443	118.167	0.000	0.001%
19	5.629	-118.268	3.250	-5.628	118.268	-3.250	0.001%
20	3.303	-118.167	5.722	-3.302	118.167	-5.721	0.001%
21	0.000	-118.065	6.674	-0.000	118.065	-6.673	0.001%
22	-3.311	-118.167	5.734	3.310	118.167	-5.733	0.001%
23	-5.642	-118.268	3.257	5.641	118.268	-3.257	0.001%
24	-6.444	-118.167	0.000	6.443	118.167	0.000	0.001%
25	-5.627	-118.065	-3.249	5.626	118.065	3.248	0.001%
26	-3.303	-118.167	-5.722	3.303	118.167	5.721	0.001%
27	0.000	-28.121	-12.157	0.000	28.121	12.156	0.005%
28	5.942	-28.072	-10.291	-5.942	28.072	10.290	0.005%
29	9.774	-28.024	-5.643	-9.772	28.024	5.642	0.006%
30	10.952	-28.072	0.000	-10.951	28.072	0.001	0.004%
31	9.722	-28.121	5.613	-9.721	28.121	-5.612	0.005%
32	5.903	-28.072	10.224	-5.901	28.072	-10.223	0.005%
33	0.000	-28.024	12.139	-0.000	28.024	-12.138	0.005%
34	-5.942	-28.072	10.291	5.940	28.072	-10.291	0.005%
35	-9.789	-28.121	5.652	9.788	28.121	-5.651	0.005%
36	-10.952	-28.072	0.000	10.951	28.072	0.001	0.004%
37	-9.706	-28.024	-5.604	9.705	28.024	5.603	0.006%
38	-5.903	-28.072	-10.224	5.903	28.072	10.222	0.005%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	7	0.00000001	0.00004445
2	Yes	30	0.00007678	0.00012988
3	Yes	29	0.00008391	0.00013062
4	Yes	16	0.00011009	0.00014330
5	Yes	28	0.00010318	0.00014977
6	Yes	29	0.00009029	0.00014437
7	Yes	29	0.00008344	0.00012921
8	Yes	16	0.00005537	0.00009508
9	Yes	29	0.00008384	0.00013044
10	Yes	29	0.00009079	0.00014590
11	Yes	28	0.00010324	0.00014994
12	Yes	16	0.00010946	0.00014133
13	Yes	29	0.00008349	0.00012924
14	Yes	11	0.00015000	0.00006557
15	Yes	24	0.00000001	0.00002193

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16	Yes	23	0.00000001	0.00002615
17	Yes	20	0.00000001	0.00002571
18	Yes	22	0.00000001	0.00002134
19	Yes	23	0.00000001	0.00002379
20	Yes	22	0.00000001	0.00002610
21	Yes	20	0.00000001	0.00002527
22	Yes	22	0.00000001	0.00002634
23	Yes	23	0.00000001	0.00002395
24	Yes	22	0.00000001	0.00002156
25	Yes	20	0.00000001	0.00002587
26	Yes	23	0.00000001	0.00002068
27	Yes	20	0.00014850	0.00009123
28	Yes	18	0.00000001	0.00008667
29	Yes	12	0.00000001	0.00008539
30	Yes	17	0.00000001	0.00006541
31	Yes	18	0.00000001	0.00008436
32	Yes	18	0.00000001	0.00008155
33	Yes	13	0.00000001	0.00007490
34	Yes	18	0.00000001	0.00008566
35	Yes	18	0.00000001	0.00009087
36	Yes	17	0.00000001	0.00006593
37	Yes	12	0.00000001	0.00008677
38	Yes	18	0.00000001	0.00008310

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	245 - 225	5.854	27	0.132	0.832
T2	225 - 205	5.415	27	0.134	0.767
T3	205 - 185	4.866	27	0.152	0.598
T4	185 - 165	4.437	27	0.093	0.455
T5	165 - 145	4.223	27	0.079	0.357
T6	145 - 125	3.932	27	0.093	0.272
T7	125 - 105	3.532	27	0.094	0.200
T8	105 - 85	3.173	27	0.093	0.144
T9	85 - 65	2.728	27	0.122	0.151
T10	65 - 45	2.154	27	0.134	0.178
T11	45 - 25	1.605	27	0.139	0.187
T12	25 - 5	0.969	27	0.168	0.181
T13	5 - 0	0.200	27	0.190	0.168

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
245.000	5' Lightning Rod	27	5.854	0.132	0.832	93936
240.000	Sector1(CaAa=14000 Sq.in)No Ice	27	5.752	0.130	0.823	93936
235.000	Guy	27	5.647	0.129	0.810	46968
225.000	Sector1(CaAa=10000 Sq.in)No Ice	27	5.415	0.134	0.767	26358
210.000	Sector1(CaAa=10000 Sq.in)No Ice	27	5.003	0.153	0.643	65186
195.000	Guy	27	4.622	0.126	0.519	19468
122.211	Guy	27	3.480	0.092	0.191	37730

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Elevation	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
ft						
62.211	Guy	27	2.076	0.135	0.182	51052

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	245 - 225	39.907	2	0.894	2.294
T2	225 - 205	36.676	2	0.898	2.121
T3	205 - 185	33.107	2	0.948	1.655
T4	185 - 165	29.942	2	0.742	1.239
T5	165 - 145	27.494	2	0.680	0.933
T6	145 - 125	24.830	2	0.697	0.668
T7	125 - 105	21.853	2	0.689	0.444
T8	105 - 85	19.056	2	0.690	0.412
T9	85 - 65	15.994	2	0.783	0.483
T10	65 - 45	12.505	2	0.829	0.544
T11	45 - 25	9.067	2	0.851	0.558
T12	25 - 5	5.310	2	0.955	0.524
T13	5 - 0	1.084	2	1.030	0.456

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
245.000	5' Lightning Rod	2	39.907	0.894	2.294	30442
240.000	Sector1(CaAa=14000 Sq.in)No Ice	2	39.124	0.887	2.269	30442
235.000	Guy	2	38.331	0.883	2.237	15221
225.000	Sector1(CaAa=10000 Sq.in)No Ice	2	36.676	0.898	2.121	8566
210.000	Sector1(CaAa=10000 Sq.in)No Ice	2	33.996	0.956	1.781	20115
195.000	Guy	2	31.426	0.857	1.429	5980
122.211	Guy	2	21.453	0.686	0.418	10072
62.211	Guy	2	12.023	0.839	0.553	15525

Bolt Design Data

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria
T2	225	Leg	A325N	0.750	3	2.476	30.101	0.082 ✓	1	Bolt Tension
T3	205	Leg	A325N	0.750	3	2.625	30.101	0.087 ✓	1	Bolt Tension
T4	185	Leg	A325N	0.750	3	4.396	30.101	0.146 ✓	1	Bolt Tension
T5	165	Leg	A325N	0.750	3	3.789	30.101	0.126 ✓	1	Bolt Tension
T6	145	Leg	A325N	0.750	3	4.029	30.101	0.134 ✓	1	Bolt Tension

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Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria
T7	125	Leg	A325N	0.750	3	4.307	30.101	0.143 ✓	1	Bolt Tension
T8	105	Leg	A325N	0.750	3	4.829	30.101	0.160 ✓	1	Bolt Tension
T9	85	Leg	A325N	0.750	3	5.109	30.101	0.170 ✓	1	Bolt Tension
T10	65	Leg	A325N	0.750	3	5.183	30.101	0.172 ✓	1	Bolt Tension
T11	45	Leg	A325N	0.750	3	5.720	30.101	0.190 ✓	1	Bolt Tension
T12	25	Leg	A325N	0.750	3	5.945	30.101	0.197 ✓	1	Bolt Tension
T13	5	Leg	A325N	0.750	3	5.955	30.101	0.198 ✓	1	Bolt Tension

Guy Design Data

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.
T1	235.000 (A) (699)	5/8 EModulus EHS	4.240	42.400	23.177	25.440	1.000	1.098 ✓
	235.000 (B) (698)	5/8 EModulus EHS	4.240	42.400	22.916	25.440	1.000	1.110 ✓
	235.000 (C) (694)	5/8 EModulus EHS	4.240	42.400	23.137	25.440	1.000	1.100 ✓
T3	195.000 (A) (690)	7/16 EModulus EHS	2.080	20.800	11.569	12.480	1.000	1.079 ✓
	195.000 (A) (691)	7/16 EModulus EHS	2.080	20.800	11.684	12.480	1.000	1.068 ✓
	195.000 (B) (686)	7/16 EModulus EHS	2.080	20.800	10.978	12.480	1.000	1.137 ✓
	195.000 (B) (687)	7/16 EModulus EHS	2.080	20.800	11.562	12.480	1.000	1.079 ✓
	195.000 (C) (679)	7/16 EModulus EHS	2.080	20.800	11.695	12.480	1.000	1.067 ✓
	195.000 (C) (680)	7/16 EModulus EHS	2.080	20.800	11.047	12.480	1.000	1.130 ✓
	122.211 (A) (678)	3/8 EModulus EHS	1.540	15.400	8.007	9.240	1.000	1.154 ✓
T7	122.211 (B) (677)	3/8 EModulus EHS	1.540	15.400	7.998	9.240	1.000	1.155 ✓
	122.211 (C) (673)	3/8 EModulus EHS	1.540	15.400	8.015	9.240	1.000	1.153 ✓
T10	62.211 (A) (672)	3/8 EModulus	1.540	15.400	6.305	9.240	1.000	1.465 ✓

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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.
	62.211 (B) (671)	EHS 3/8 EModulus	1.540	15.400	6.313	9.240	1.000	1.464 ✓
	62.211 (C) (667)	EHS 3/8 EModulus EHS	1.540	15.400	6.305	9.240	1.000	1.466 ✓

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	245 - 225	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-19.977	78.769	0.254 ¹ ✓
T2	225 - 205	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-23.543	78.769	0.299 ¹ ✓
T3	205 - 185	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-50.805	78.769	0.645 ¹ ✓
T4	185 - 165	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-38.066	78.769	0.483 ¹ ✓
T5	165 - 145	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-36.062	78.769	0.458 ¹ ✓
T6	145 - 125	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-38.390	78.769	0.487 ¹ ✓
T7	125 - 105	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-43.030	78.769	0.546 ¹ ✓
T8	105 - 85	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-45.678	78.769	0.580 ¹ ✓
T9	85 - 65	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-46.527	78.769	0.591 ¹ ✓
T10	65 - 45	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-51.029	78.769	0.648 ¹ ✓
T11	45 - 25	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-53.181	78.769	0.675 ¹ ✓
T12	25 - 5	1 3/4	20.000	2.404	65.9 K=1.00	2.405	-53.625	78.769	0.681 ¹ ✓
T13	5 - 0	2 1/4	5.292	2.238	47.7 K=1.00	3.976	-56.723	151.458	0.375 ¹ ✓

¹ $P_u / \phi P_n$ controls

Diagonal Design Data (Compression)

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	APC Towers	Coody

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	245 - 225	1	3.844	3.657	122.9 K=0.70	0.785	-7.476	11.750	0.636 ¹ ✓
T2	225 - 205	1	3.844	3.657	122.9 K=0.70	0.785	-10.938	11.750	0.931 ¹ ✓
T3	205 - 185	1	3.844	3.657	122.9 K=0.70	0.785	-10.981	11.750	0.935 ¹ ✓
T4	185 - 165	.75	3.844	3.657	163.8 K=0.70	0.442	-3.527	3.718	0.949 ¹ ✓
T5	165 - 145	.75	3.844	3.657	163.8 K=0.70	0.442	-2.219	3.718	0.597 ¹ ✓
T6	145 - 125	.75	3.844	3.657	163.8 K=0.70	0.442	-3.654	3.718	0.983 ¹ ✓
T7	125 - 105	.75	3.844	3.657	163.8 K=0.70	0.442	-3.650	3.718	0.982 ¹ ✓
T8	105 - 85	.75	3.844	3.657	163.8 K=0.70	0.442	-1.307	3.718	0.351 ¹ ✓
T9	85 - 65	.75	3.844	3.657	163.8 K=0.70	0.442	-2.689	3.718	0.723 ¹ ✓
T10	65 - 45	.75	3.844	3.657	163.8 K=0.70	0.442	-2.693	3.718	0.724 ¹ ✓
T11	45 - 25	.75	3.844	3.657	163.8 K=0.70	0.442	-1.332	3.718	0.358 ¹ ✓
T12	25 - 5	.75	3.844	3.657	163.8 K=0.70	0.442	-1.426	3.718	0.384 ¹ ✓
T13	5 - 0	1	2.314	1.852	89.9 K=1.01	0.785	-7.303	19.578	0.373 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	245 - 225	3/4	3.000	2.854	127.9 K=0.70	0.442	-2.613	6.104	0.428 ¹ ✓
T2	225 - 205	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.584	6.104	0.260 ¹ ✓
T3	205 - 185	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.072	6.104	0.176 ¹ ✓
T4	185 - 165	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.730	6.104	0.120 ¹ ✓
T5	165 - 145	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.669	6.104	0.110 ¹ ✓
T6	145 - 125	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.715	6.104	0.117 ¹ ✓
T7	125 - 105	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.802	6.104	0.131 ¹ ✓
T8	105 - 85	3/4	3.000	2.854	127.9	0.442	-0.849	6.104	0.139 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 $\frac{P_u}{\phi P_n}$
T9	85 - 65	3/4	3.000	2.854	K=0.70 127.9	0.442	-0.861	6.104	0.141 ¹ ✓
T10	65 - 45	3/4	3.000	2.854	K=0.70 127.9	0.442	-0.950	6.104	0.156 ¹ ✓
T11	45 - 25	3/4	3.000	2.854	K=0.70 127.9	0.442	-0.988	6.104	0.162 ¹ ✓
T12	25 - 5	3/4	3.000	2.854	K=0.70 127.9	0.442	-0.991	6.104	0.162 ¹ ✓
T13	5 - 0	3/4	1.500	1.313	K=0.70 89.0 K=1.06	0.442	-1.024	11.134	0.092 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	245 - 225	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.396	6.104	0.065 ¹ ✓
T2	225 - 205	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.262	6.104	0.207 ¹ ✓
T3	205 - 185	3/4	3.000	2.854	127.9 K=0.70	0.442	-3.875	6.104	0.635 ¹ ✓
T4	185 - 165	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.596	6.104	0.262 ¹ ✓
T5	165 - 145	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.860	6.104	0.141 ¹ ✓
T6	145 - 125	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.715	6.104	0.117 ¹ ✓
T7	125 - 105	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.186	6.104	0.194 ¹ ✓
T8	105 - 85	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.849	6.104	0.139 ¹ ✓
T9	85 - 65	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.861	6.104	0.141 ¹ ✓
T10	65 - 45	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.950	6.104	0.156 ¹ ✓
T11	45 - 25	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.988	6.104	0.162 ¹ ✓
T12	25 - 5	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.991	6.104	0.162 ¹ ✓
T13	5 - 0	3/4	2.769	2.581	115.6 K=0.70	0.442	-1.024	7.463	0.137 ¹ ✓

¹ P_u / φP_n controls

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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	245 - 225	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.710	6.104	0.280 ¹ ✓
T2	225 - 205	3/4	3.000	2.854	127.9 K=0.70	0.442	-3.624	6.104	0.594 ¹ ✓
T3	205 - 185	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.740	6.104	0.285 ¹ ✓
T4	185 - 165	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.962	6.104	0.158 ¹ ✓
T5	165 - 145	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.669	6.104	0.110 ¹ ✓
T6	145 - 125	3/4	3.000	2.854	127.9 K=0.70	0.442	-1.107	6.104	0.181 ¹ ✓
T7	125 - 105	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.802	6.104	0.131 ¹ ✓
T8	105 - 85	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.849	6.104	0.139 ¹ ✓
T9	85 - 65	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.861	6.104	0.141 ¹ ✓
T10	65 - 45	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.950	6.104	0.156 ¹ ✓
T11	45 - 25	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.988	6.104	0.162 ¹ ✓
T12	25 - 5	3/4	3.000	2.854	127.9 K=0.70	0.442	-0.991	6.104	0.162 ¹ ✓
T13	5 - 0	3/4	0.231	0.044	3.1 K=1.10	0.442	-1.024	19.867	0.052 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	205 - 185	4x5/8	3.000	2.854	151.9 K=0.80	2.500	-6.069	24.488	0.248 ¹ ✓

¹ P_u / φP_n controls

Torque-Arm Top Design Data

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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 $\frac{P_u}{\phi P_n}$
T3	205 - 185 (681)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.339	237.937	0.018
T3	205 - 185 (682)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.348	237.937	0.018
T3	205 - 185 (688)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.061	237.937	0.017
T3	205 - 185 (689)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.052	237.937	0.017
T3	205 - 185 (692)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.277	237.937	0.018
T3	205 - 185 (693)	C12x20.7	3.000	2.927	44.0 K=1.00	6.090	-4.283	237.937	0.018

Torque-Arm Top Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{rx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{rx}}$	M _{uy} kip-ft	φM _{ry} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ry}}$
T3	205 - 185 (681)	C12x20.7	-25.820	94.709	0.273	0.000	9.731	0.000
T3	205 - 185 (682)	C12x20.7	-25.875	94.709	0.273	-0.000	9.731	0.000
T3	205 - 185 (688)	C12x20.7	-24.447	94.709	0.258	-0.000	9.731	0.000
T3	205 - 185 (689)	C12x20.7	-24.385	94.709	0.257	0.000	9.731	0.000
T3	205 - 185 (692)	C12x20.7	-25.528	94.709	0.270	0.000	9.731	0.000
T3	205 - 185 (693)	C12x20.7	-25.589	94.709	0.270	-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 $\frac{M_{ux}}{\phi M_{rx}}$	Ratio $\frac{M_{uy}}{\phi M_{ry}}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
T3	205 - 185 (681)	C12x20.7	0.018	0.273	0.000	0.282	1.000	✓
T3	205 - 185 (682)	C12x20.7	0.018	0.273	0.000	0.282	1.000	✓
T3	205 - 185 (688)	C12x20.7	0.017	0.258	0.000	0.267	1.000	✓
T3	205 - 185 (689)	C12x20.7	0.017	0.257	0.000	0.266	1.000	✓
T3	205 - 185 (692)	C12x20.7	0.018	0.270	0.000	0.279	1.000	✓
T3	205 - 185 (693)	C12x20.7	0.018	0.270	0.000	0.279	1.000	✓

Tension Checks

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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	245 - 225	1 3/4	20.000	2.404	65.9	2.405	9.639	108.238	0.089 ¹
T2	225 - 205	1 3/4	20.000	2.404	65.9	2.405	0.082	108.238	0.001 ¹
T3	205 - 185	1 3/4	20.000	2.404	65.9	2.405	20.399	108.238	0.188 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	245 - 225	1	3.844	3.657	175.6	0.785	7.469	35.343	0.211 ¹
T2	225 - 205	1	3.844	3.657	175.6	0.785	10.771	35.343	0.305 ¹
T3	205 - 185	1	3.844	3.657	175.6	0.785	10.839	35.343	0.307 ¹
T4	185 - 165	.75	3.844	3.657	234.1	0.442	3.275	19.880	0.165 ¹
T5	165 - 145	.75	3.844	3.657	234.1	0.442	1.992	19.880	0.100 ¹
T6	145 - 125	.75	3.844	3.657	234.1	0.442	3.255	19.880	0.164 ¹
T7	125 - 105	.75	3.844	3.657	234.1	0.442	3.432	19.880	0.173 ¹
T8	105 - 85	.75	3.844	3.657	234.1	0.442	1.056	19.880	0.053 ¹
T9	85 - 65	.75	3.844	3.657	234.1	0.442	2.260	19.880	0.114 ¹
T10	65 - 45	.75	3.844	3.657	234.1	0.442	2.418	19.880	0.122 ¹
T11	45 - 25	.75	3.844	3.657	234.1	0.442	1.113	19.880	0.056 ¹
T12	25 - 5	.75	3.844	3.657	234.1	0.442	1.152	19.880	0.058 ¹
T13	5 - 0	1	3.027	2.565	123.1	0.785	0.603	35.343	0.017 ¹

¹ P_u / φP_n controls

Horizontal Design Data (Tension)

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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	245 - 225	3/4	3.000	2.854	182.7	0.442	2.568	19.880	0.129 ¹
T2	225 - 205	3/4	3.000	2.854	182.7	0.442	1.722	19.880	0.087 ¹
T3	205 - 185	3/4	3.000	2.854	182.7	0.442	1.101	19.880	0.055 ¹
T4	185 - 165	3/4	3.000	2.854	182.7	0.442	0.730	19.880	0.037 ¹
T5	165 - 145	3/4	3.000	2.854	182.7	0.442	0.669	19.880	0.034 ¹
T6	145 - 125	3/4	3.000	2.854	182.7	0.442	0.715	19.880	0.036 ¹
T7	125 - 105	3/4	3.000	2.854	182.7	0.442	0.802	19.880	0.040 ¹
T8	105 - 85	3/4	3.000	2.854	182.7	0.442	0.849	19.880	0.043 ¹
T9	85 - 65	3/4	3.000	2.854	182.7	0.442	0.861	19.880	0.043 ¹
T10	65 - 45	3/4	3.000	2.854	182.7	0.442	0.950	19.880	0.048 ¹
T11	45 - 25	3/4	3.000	2.854	182.7	0.442	0.988	19.880	0.050 ¹
T12	25 - 5	3/4	3.000	2.854	182.7	0.442	0.991	19.880	0.050 ¹
T13	5 - 0	3/4	1.500	1.313	84.0	0.442	1.024	19.880	0.052 ¹

¹ P_u / φP_n controls

Top Girt 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	245 - 225	3/4	3.000	2.854	182.7	0.442	0.396	19.880	0.020 ¹
T2	225 - 205	3/4	3.000	2.854	182.7	0.442	1.278	19.880	0.064 ¹
T3	205 - 185	3/4	3.000	2.854	182.7	0.442	3.711	19.880	0.187 ¹
T4	185 - 165	3/4	3.000	2.854	182.7	0.442	1.754	19.880	0.088 ¹
T5	165 - 145	3/4	3.000	2.854	182.7	0.442	0.974	19.880	0.049 ¹
T6	145 - 125	3/4	3.000	2.854	182.7	0.442	0.775	19.880	0.039 ¹
T7	125 - 105	3/4	3.000	2.854	182.7	0.442	1.260	19.880	0.063 ¹
T8	105 - 85	3/4	3.000	2.854	182.7	0.442	0.849	19.880	0.043 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 $\frac{P_u}{\phi P_n}$
T9	85 - 65	3/4	3.000	2.854	182.7	0.442	0.861	19.880	0.043 ¹ ✓
T10	65 - 45	3/4	3.000	2.854	182.7	0.442	0.992	19.880	0.050 ¹ ✓
T11	45 - 25	3/4	3.000	2.854	182.7	0.442	0.988	19.880	0.050 ¹ ✓
T12	25 - 5	3/4	3.000	2.854	182.7	0.442	0.991	19.880	0.050 ¹ ✓
T13	5 - 0	3/4	2.769	2.581	165.2	0.442	6.131	19.880	0.308 ¹ ✓

¹ P_u / φP_n controls

Bottom Girt 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	245 - 225	3/4	3.000	2.854	182.7	0.442	1.767	19.880	0.089 ¹ ✓
T2	225 - 205	3/4	3.000	2.854	182.7	0.442	3.928	19.880	0.198 ¹ ✓
T3	205 - 185	3/4	3.000	2.854	182.7	0.442	1.799	19.880	0.090 ¹ ✓
T4	185 - 165	3/4	3.000	2.854	182.7	0.442	1.071	19.880	0.054 ¹ ✓
T5	165 - 145	3/4	3.000	2.854	182.7	0.442	0.706	19.880	0.036 ¹ ✓
T6	145 - 125	3/4	3.000	2.854	182.7	0.442	1.277	19.880	0.064 ¹ ✓
T7	125 - 105	3/4	3.000	2.854	182.7	0.442	0.802	19.880	0.040 ¹ ✓
T8	105 - 85	3/4	3.000	2.854	182.7	0.442	0.849	19.880	0.043 ¹ ✓
T9	85 - 65	3/4	3.000	2.854	182.7	0.442	1.039	19.880	0.052 ¹ ✓
T10	65 - 45	3/4	3.000	2.854	182.7	0.442	0.950	19.880	0.048 ¹ ✓
T11	45 - 25	3/4	3.000	2.854	182.7	0.442	0.988	19.880	0.050 ¹ ✓
T12	25 - 5	3/4	3.000	2.854	182.7	0.442	5.353	19.880	0.269 ¹ ✓
T13	5 - 0	3/4	0.231	0.044	2.8	0.442	1.858	19.880	0.093 ¹ ✓

¹ P_u / φP_n controls

tnxTower B+T Group 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page
	ATS# C467 - EV Olive Hamlet (Site# KY-4166)	43 of 46
	Project	Date
	245' 36G/36.79706944, -88.25491111	15:58:44 05/28/26
	Client	Designed by
	APC Towers	Coody

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	245 - 225	4x5/8	3.000	2.854	189.8	2.500	6.914	112.500	0.061 ¹
T3	205 - 185	4x5/8	3.000	2.854	189.8	2.500	6.232	112.500	0.055 ¹
T7	125 - 105	4x5/8	3.000	2.854	189.8	2.500	3.520	112.500	0.031 ¹
T10	65 - 45	4x5/8	3.000	2.854	189.8	2.500	3.153	112.500	0.028 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	205 - 185 (681)	C12x20.7	3.000	2.927	44.0	4.568	0.494	222.666	0.002
T3	205 - 185 (682)	C12x20.7	3.000	2.927	44.0	4.568	0.683	222.666	0.003
T3	205 - 185 (688)	C12x20.7	3.000	2.927	44.0	4.568	0.481	222.666	0.002
T3	205 - 185 (689)	C12x20.7	3.000	2.927	44.0	4.568	0.530	222.666	0.002
T3	205 - 185 (692)	C12x20.7	3.000	2.927	44.0	4.568	0.694	222.666	0.003
T3	205 - 185 (693)	C12x20.7	3.000	2.927	44.0	4.568	0.519	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	205 - 185 (681)	C12x20.7	-25.784	94.709	0.272	0.000	9.731	0.000
T3	205 - 185 (682)	C12x20.7	-24.665	94.709	0.260	-0.000	9.731	0.000
T3	205 - 185 (688)	C12x20.7	-25.818	94.709	0.273	-0.000	9.731	0.000
T3	205 - 185 (689)	C12x20.7	-26.063	94.709	0.275	0.000	9.731	0.000
T3	205 - 185 (692)	C12x20.7	-24.639	94.709	0.260	0.000	9.731	0.000
T3	205 - 185 (693)	C12x20.7	-26.103	94.709	0.276	-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	205 - 185 (681)	C12x20.7	0.002	0.272	0.000	0.273	1.000	✓

tnxTower B+T Group 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page
	ATS# C467 - EV Olive Hamlet (Site# KY-4166)	44 of 46
	Project	Date
	245' 36G/36.79706944, -88.25491111	15:58:44 05/28/26
	Client	Designed by
	APC Towers	Coody

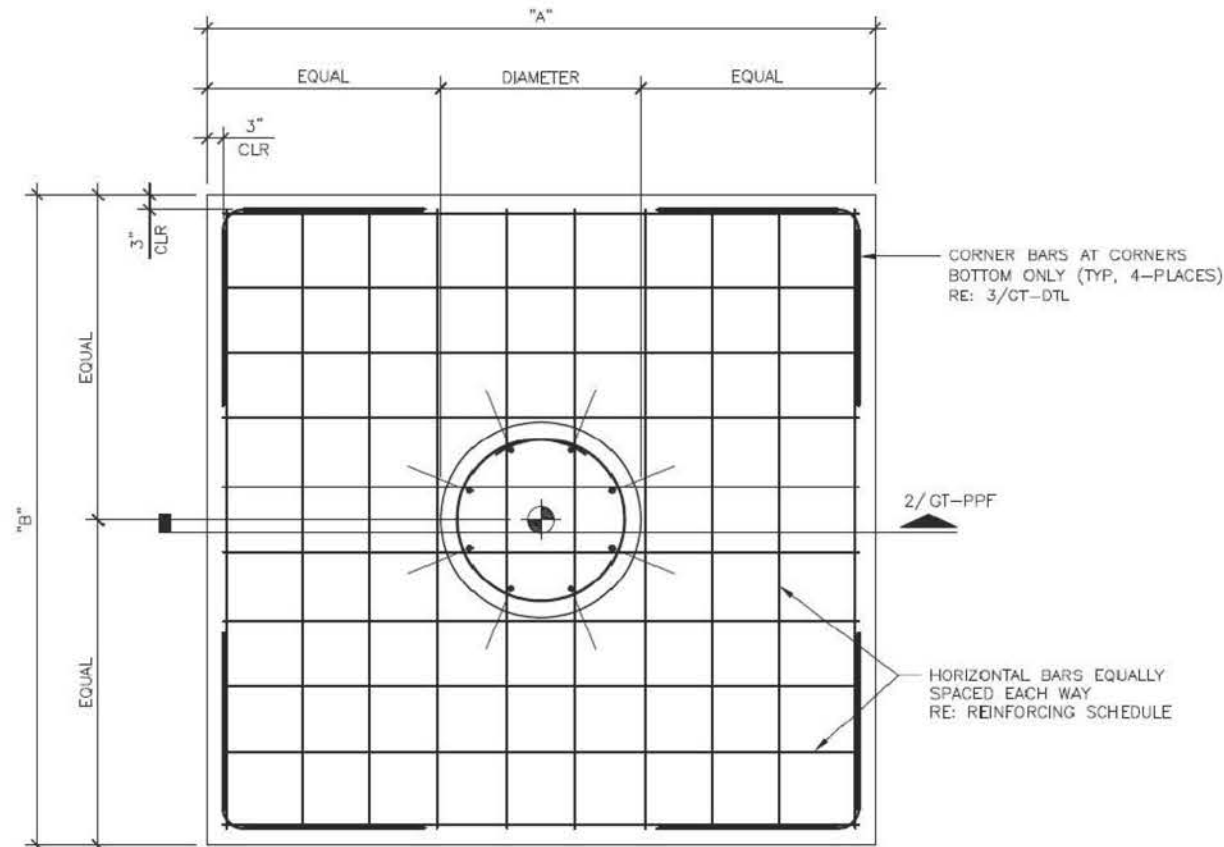
Section No.	Elevation ft	Size	Ratio P_u	Ratio M_{ux}	Ratio M_{uy}	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
T3	205 - 185 (682)	C12x20.7	0.003	0.260	0.000	0.262	1.000	✓
T3	205 - 185 (688)	C12x20.7	0.002	0.273	0.000	0.274	1.000	✓
T3	205 - 185 (689)	C12x20.7	0.002	0.275	0.000	0.276	1.000	✓
T3	205 - 185 (692)	C12x20.7	0.003	0.260	0.000	0.262	1.000	✓
T3	205 - 185 (693)	C12x20.7	0.002	0.276	0.000	0.277	1.000	✓

Section Capacity Table

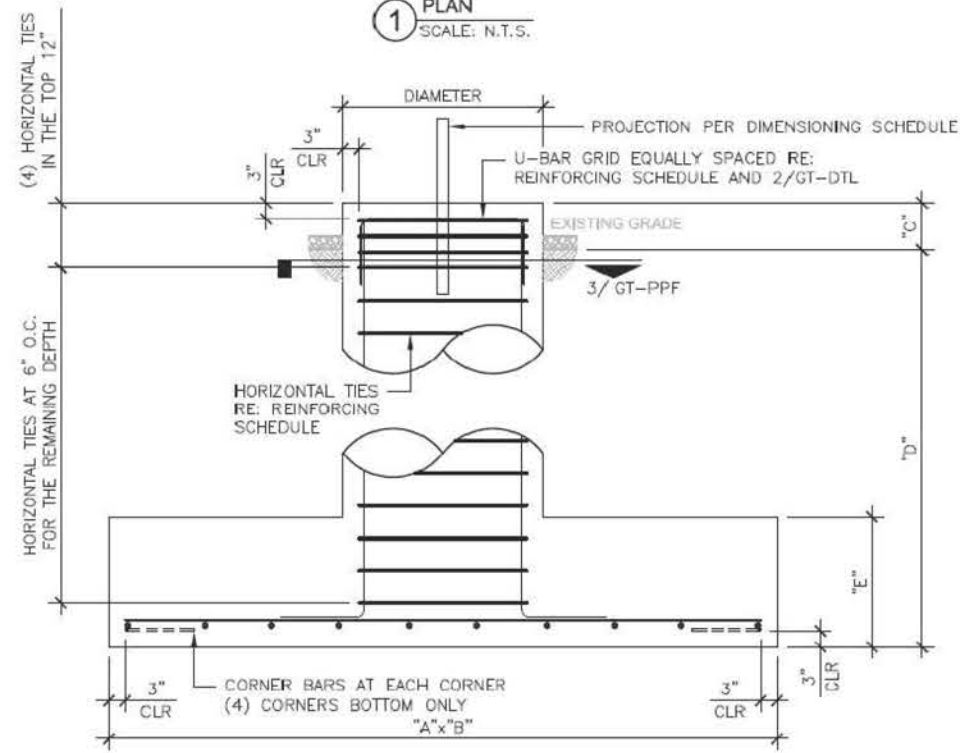
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
T1	245 - 225	Leg	1 3/4	1	-19.977	78.769	25.4	Pass
T2	225 - 205	Leg	1 3/4	57	-23.543	78.769	29.9	Pass
T3	205 - 185	Leg	1 3/4	111	-50.805	78.769	64.5	Pass
T4	185 - 165	Leg	1 3/4	163	-38.066	78.769	48.3	Pass
T5	165 - 145	Leg	1 3/4	217	-36.062	78.769	45.8	Pass
T6	145 - 125	Leg	1 3/4	271	-38.390	78.769	48.7	Pass
T7	125 - 105	Leg	1 3/4	325	-43.030	78.769	54.6	Pass
T8	105 - 85	Leg	1 3/4	381	-45.678	78.769	58.0	Pass
T9	85 - 65	Leg	1 3/4	433	-46.527	78.769	59.1	Pass
T10	65 - 45	Leg	1 3/4	489	-51.029	78.769	64.8	Pass
T11	45 - 25	Leg	1 3/4	543	-53.181	78.769	67.5	Pass
T12	25 - 5	Leg	1 3/4	595	-53.625	78.769	68.1	Pass
T13	5 - 0	Leg	2 1/4	651	-56.723	151.458	37.5	Pass
T1	245 - 225	Diagonal	1	40	-7.476	11.750	63.6	Pass
T2	225 - 205	Diagonal	1	64	-10.938	11.750	93.1	Pass
T3	205 - 185	Diagonal	1	160	-10.981	11.750	93.5	Pass
T4	185 - 165	Diagonal	.75	214	-3.527	3.718	94.9	Pass
T5	165 - 145	Diagonal	.75	268	-2.219	3.718	59.7	Pass
T6	145 - 125	Diagonal	.75	281	-3.654	3.718	98.3	Pass
T7	125 - 105	Diagonal	.75	377	-3.650	3.718	98.2	Pass
T8	105 - 85	Diagonal	.75	432	-1.307	3.718	35.1	Pass
T9	85 - 65	Diagonal	.75	444	-2.689	3.718	72.3	Pass
T10	65 - 45	Diagonal	.75	540	-2.693	3.718	72.4	Pass
T11	45 - 25	Diagonal	.75	593	-1.332	3.718	35.8	Pass
T12	25 - 5	Diagonal	.75	604	-1.426	3.718	38.4	Pass
T13	5 - 0	Diagonal	1	660	-7.303	19.578	37.3	Pass
T1	245 - 225	Horizontal	3/4	45	-2.613	6.104	42.8	Pass
T2	225 - 205	Horizontal	3/4	75	-1.584	6.104	26.0	Pass
T3	205 - 185	Horizontal	3/4	140	-1.072	6.104	17.6	Pass
T4	185 - 165	Horizontal	3/4	177	-0.730	6.104	12.0	Pass
T5	165 - 145	Horizontal	3/4	229	-0.669	6.104	11.0	Pass
T6	145 - 125	Horizontal	3/4	283	-0.715	6.104	11.7	Pass
T7	125 - 105	Horizontal	3/4	338	-0.802	6.104	13.1	Pass
T8	105 - 85	Horizontal	3/4	398	-0.849	6.104	13.9	Pass
T9	85 - 65	Horizontal	3/4	451	-0.861	6.104	14.1	Pass
T10	65 - 45	Horizontal	3/4	500	-0.950	6.104	15.6	Pass
T11	45 - 25	Horizontal	3/4	555	-0.988	6.104	16.2	Pass
T12	25 - 5	Horizontal	3/4	609	-0.991	6.104	16.2	Pass
T13	5 - 0	Horizontal	3/4	663	-1.024	11.134	9.2	Pass
T1	245 - 225	Top Girt	3/4	4	-0.396	6.104	6.5	Pass

<i>tnxTower</i> <i>B+T Group</i> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	ATS# C467 - EV Olive Hamlet (Site# KY-4166)	Page	46 of 46
	Project	245' 36G/36.79706944, -88.25491111	Date	15:58:44 05/28/26
	Client	APC Towers	Designed by	Coody

<i>Section No.</i>	<i>Elevation ft</i>	<i>Component Type</i>	<i>Size</i>	<i>Critical Element</i>	<i>P K</i>	<i>ϕP_{allow} K</i>	<i>% Capacity</i>	<i>Pass Fail</i>
						Pull-Off (T3)		
						Torque Arm Top (T3)	28.2	Pass
						Bolt Checks	19.8	Pass
						RATING =	98.3	Pass



1 PLAN
SCALE: N.T.S.



2 SECTION
SCALE: N.T.S.

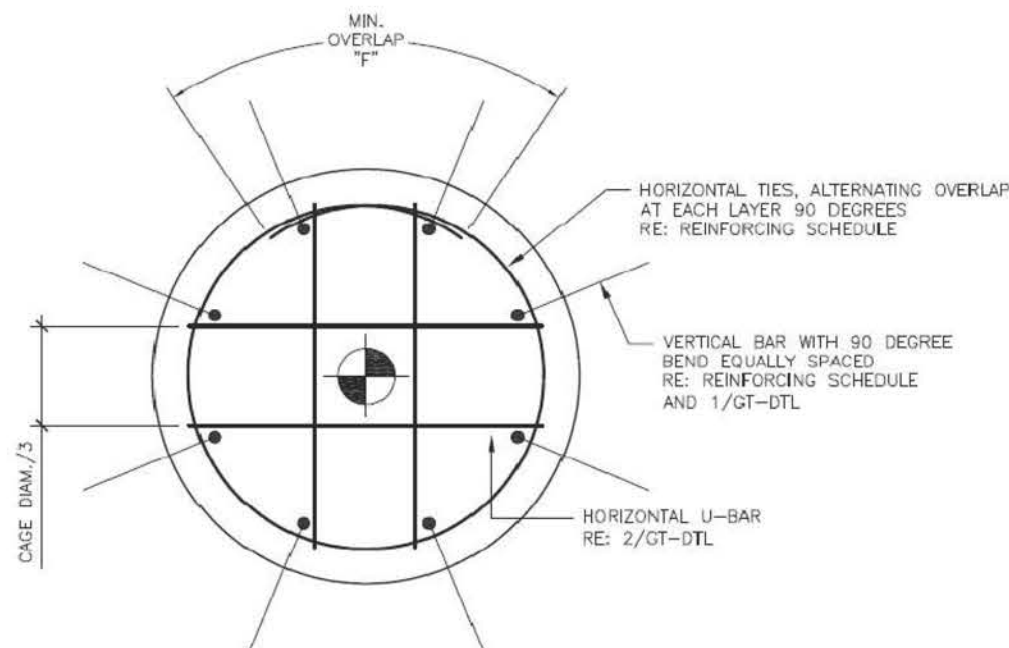
- NOTES:**
1. REINFORCEMENT STEEL SHALL CONFORM TO THE REQUIREMENT OF ASTM A-615 (GRADE 60) EXCEPT THAT TIES MAY BE ASTM-615 (GRADE 40) WITH 3" MINIMUM CLEAR COVER.
 2. REINFORCEMENT STEEL SHALL BE DETAILED, FABRICATED, BENT, AND PLACED IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE AND THE 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: 26146901
DATE: MAY 6, 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: 4.74
 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.

- 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	8' 6"
B	8' 6"
C	0' 6"
D	5' 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	12
U-BAR HORIZONTAL (PEDESTAL)	# 4	4
BOTTOM HORIZONTAL BARS	# 6	18
CORNER BARS	# 4	4

BASE REACTIONS: (FACTORED LOADS)		
VERTICAL	160	KIPS
HORIZONTAL	1	KIPS



3 SECTION
SCALE: N.T.S.



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



8601 Six Forks Road Raleigh, NC 27615

ISSUED FOR:

REV	DATE	DESCRIPTION
0	06/17/26	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: 26-003392
SITE NAME: EV OLIVE HAMLET
SITE NO: KY-4166
CLIENT NAME: APC Towers

DRAWN BY: ANGELA ASHWOOD
CHECKED BY: JL

SHEET TITLE:

PIER AND PAD FOUNDATION

SHEET NUMBER:

GT-PPF

REVISION:

0



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



8601 Six Forks Road Raleigh, NC 27615

ISSUED FOR:

REV	DATE	DESCRIPTION
0	06/17/26	ISSUED FOR CONSTRUCTION

COA: 4011

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SITE NAME: EV OLIVE HAMLET
SITE NO: KY-4166
CLIENT NAME: APC Towers

DRAWN BY: ANGELA ASHWOOD
CHECKED BY: JL

SHEET TITLE:

(A) B-2 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 3" 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: 26146901
DATE: MAY 6, 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: 1.33
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

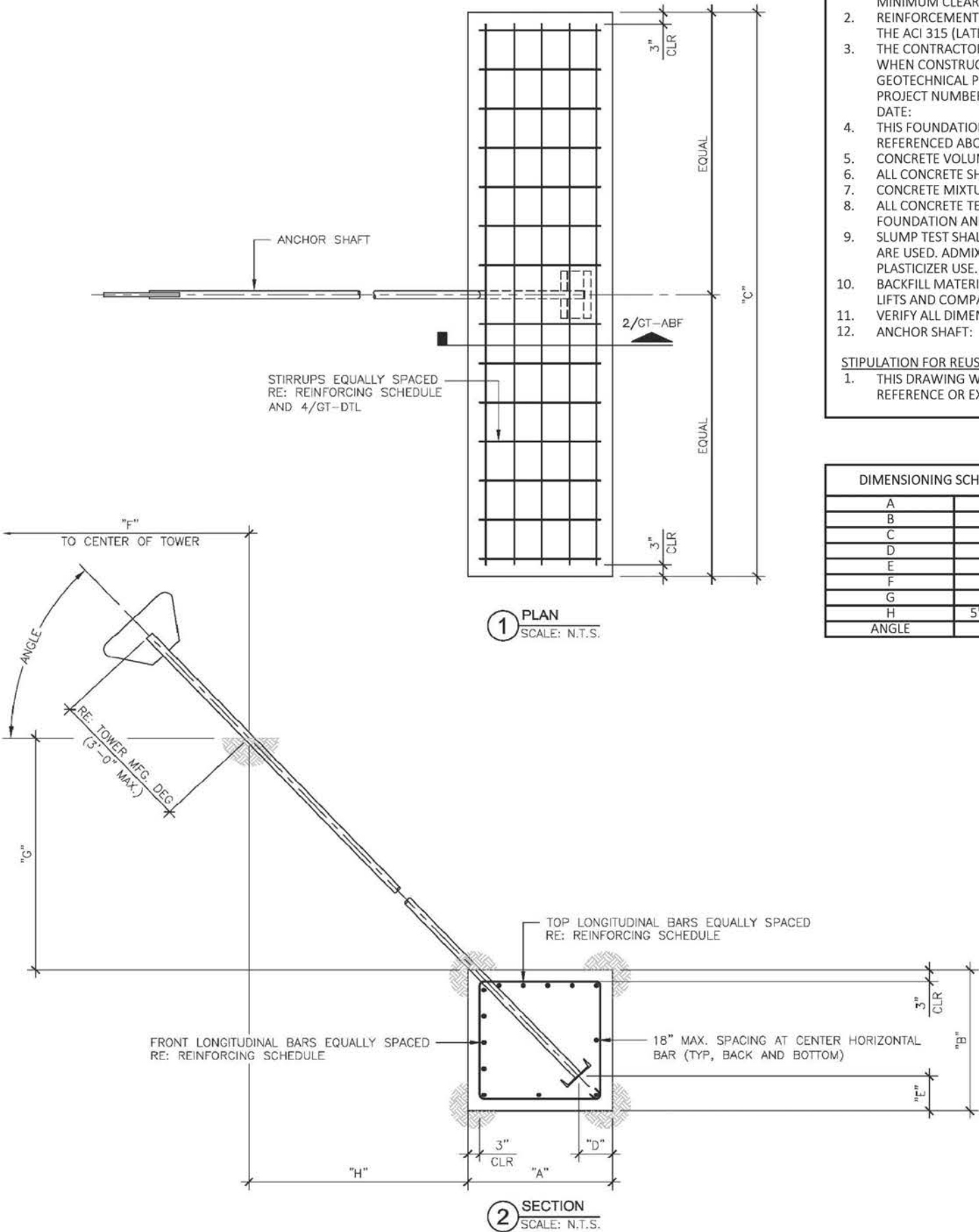
A	2' 0"
B	2' 0"
C	9' 0"
D	0' 6"
E	0' 6"
F	180' 0"
G	6' 0"
H	5' 9-15/16"
ANGLE	45.7°

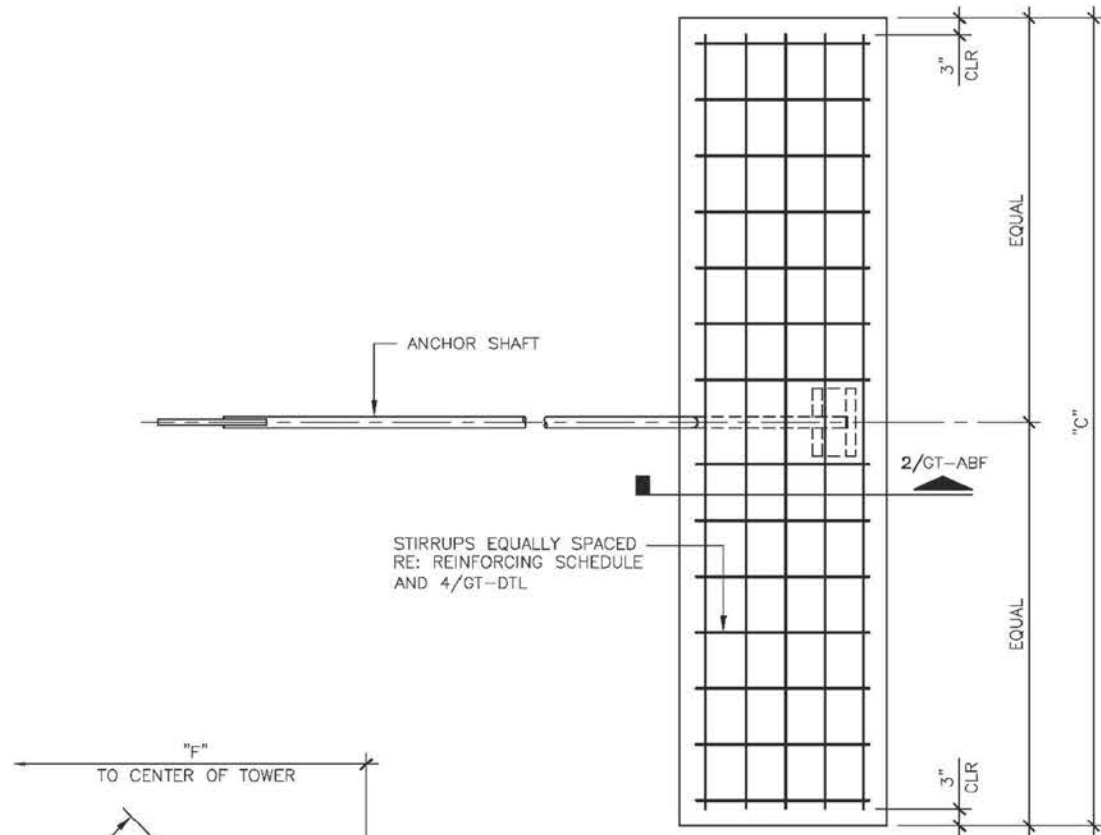
REINFORCING SCHEDULE

REINFORCING SCHEDULE	SIZE	TOTAL QTY
STIRRUPS	# 4	11
LONGITUDINAL BARS TOP	# 6	3
LONGITUDINAL BARS FRONT	# 6	3
LONGITUDINAL BARS BACK	# 6	1
LONGITUDINAL BARS BOTTOM	# 6	2

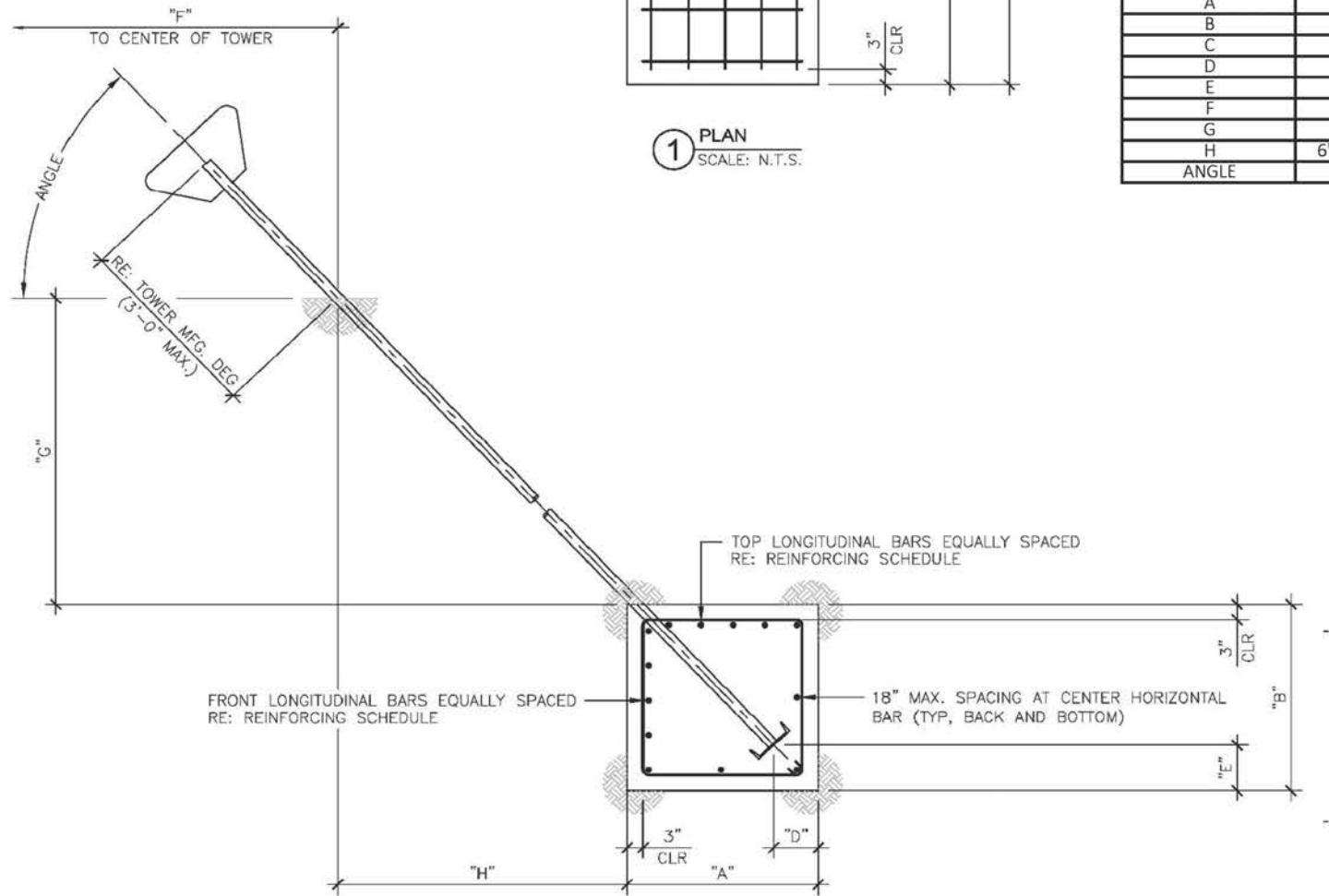
BASE REACTIONS: (FACTORED LOADS)

VERTICAL	43	KIPS
HORIZONTAL	42	KIPS





1 PLAN
SCALE: N.T.S.



2 SECTION
SCALE: N.T.S.

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DIMENSIONING SCHEDULE	
A	2' 0"
B	2' 0"
C	9' 0"
D	0' 6"
E	0' 6"
F	180' 0"
G	6' 0"
H	6' 6-15/16"
ANGLE	42.9°

REINFORCING SCHEDULE	SIZE	TOTAL QTY
STIRRUPS	# 4	11
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	39	KIPS
HORIZONTAL	42	KIPS



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



8601 Six Forks Road Raleigh, NC 27615

ISSUED FOR:

REV	DATE	DESCRIPTION
0	06/17/26	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: 26-003392
SITE NAME: EV OLIVE HAMLET
SITE NO: KY-4166
CLIENT NAME: APC Towers

DRAWN BY: ANGELA ASHWOOD
CHECKED BY: JL

SHEET TITLE:

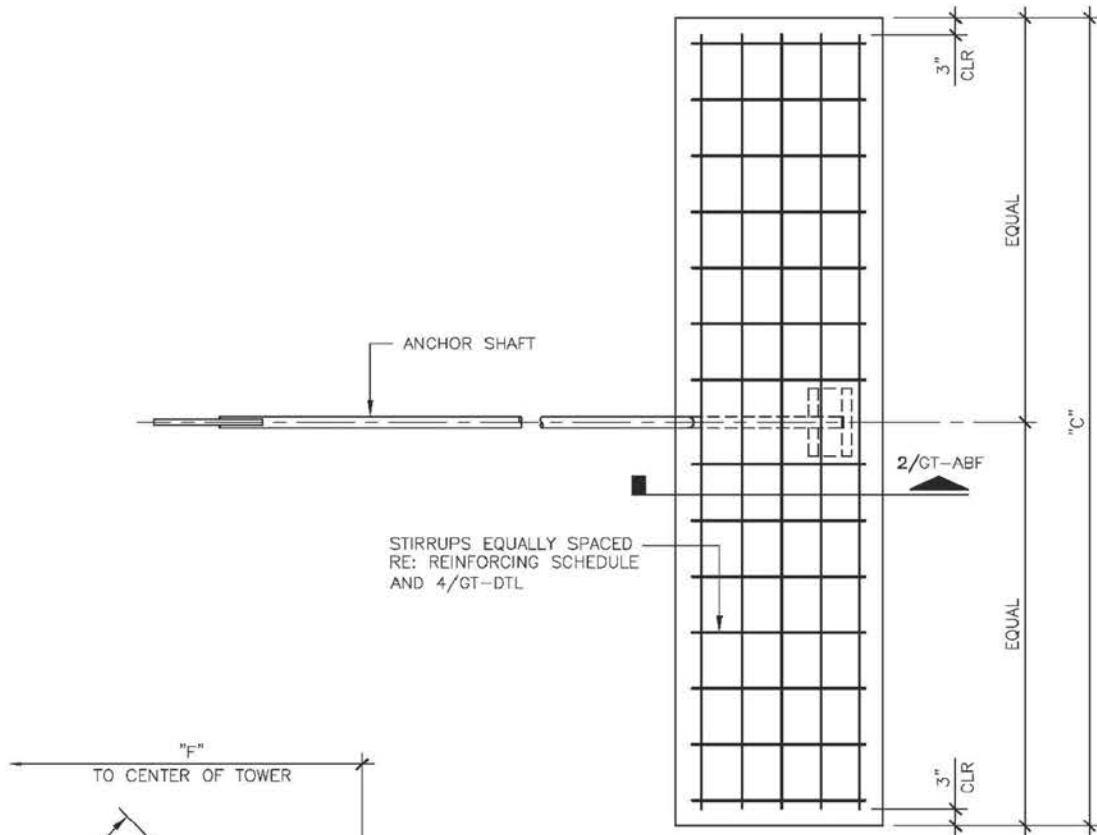
(C)B-3 ANCHOR BLOCK FOUNDATION

SHEET NUMBER:

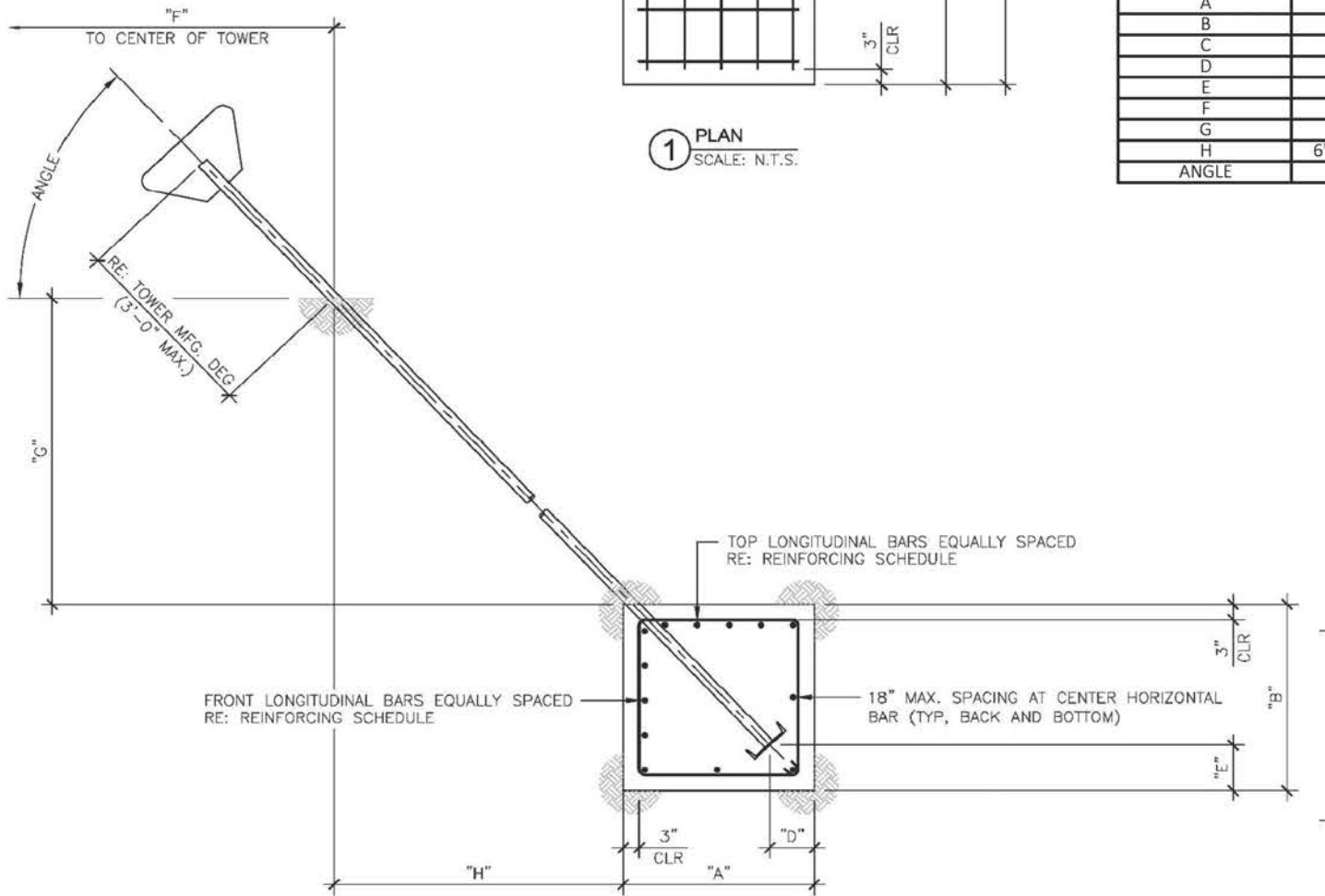
GT-ABF

REVISION:

0



1 PLAN
SCALE: N.T.S.



2 SECTION
SCALE: N.T.S.

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 3" 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: 26146901
DATE: MAY 6, 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: 1.33
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	
A	2' 0"
B	2' 0"
C	9' 0"
D	0' 6"
E	0' 6"
F	180' 0"
G	6' 0"
H	6' 6-15/16"
ANGLE	42.9°

REINFORCING SCHEDULE	SIZE	TOTAL QTY
STIRRUPS	# 4	11
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	39	KIPS
HORIZONTAL	42	KIPS



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PROJECT INFORMATION:

PROJECT NO: 26-003392
SITE NAME: EV OLIVE HAMLET
SITE NO: KY-4166
CLIENT NAME: APC Towers

DRAWN BY: ANGELA ASHWOOD
CHECKED BY: JL

SHEET TITLE:

(B) B-4 ANCHOR BLOCK FOUNDATION

SHEET NUMBER:

GT-ABF

REVISION:

0



1717 S BOULDER AVE #300, TULSA, OK 74119
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SITE NAME: EV OLIVE HAMLET
SITE NO: KY-4166
CLIENT NAME: APC Towers

DRAWN BY: ANGELA ASHWOOD
CHECKED BY: JL

SHEET TITLE:

DIMENSIONING DETAIL

SHEET NUMBER:

DTL

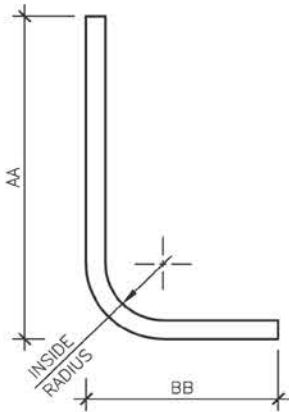
REVISION:

0

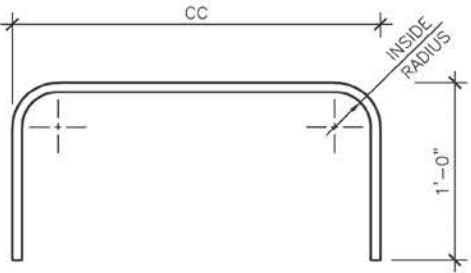
DIMENSIONING SCHEDULE	
AA*	4' 10-1/2"
BB	1' 0"
CC*	1' 10-5/8"
DD	3' 0"

	(A) B-2 ANCHOR	(C) B-3 ANCHOR	(B) B-4 ANCHOR
EE*	1' 6"	1' 6"	1' 6"
FF*	1' 6"	1' 6"	1' 6"
GG	0' 3"	0' 3"	0' 3"

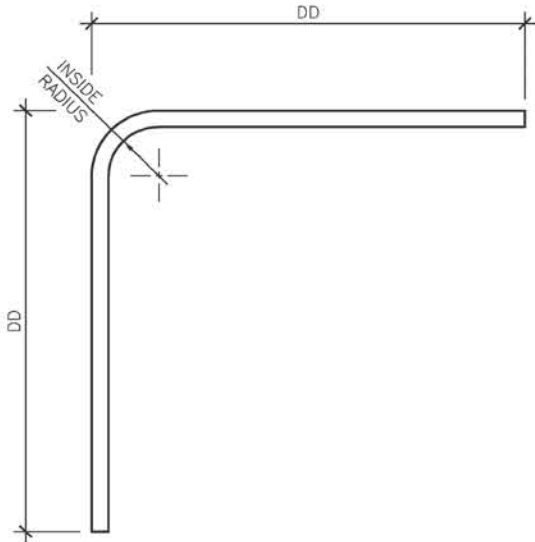
*NOTE: CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO FABRICATION



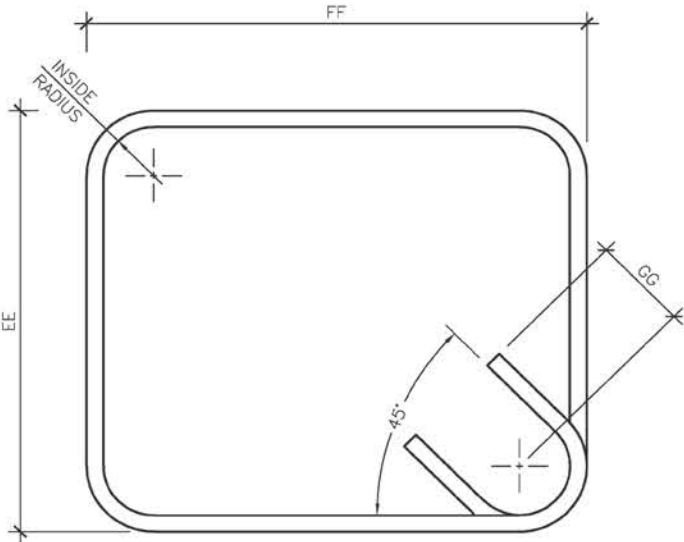
1 L-BAR
SCALE: N.T.S.



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



3 CORNER BAR
SCALE: N.T.S.



4 STIRRUP
SCALE: N.T.S.

Pier and Pad Foundation

Project #: 26-003392
 Site Name: EV Olive Hamlet
 Site #: KY-4166

TIA-222 Revision: H
 Tower Type: Guyed

Top & Bot. Pad Rein. Different?: ☐
 Block Foundation?: ☐
 Rectangular Pad?: ☐

Superstructure Analysis Reactions		
Compression, P_{comp} :	160	kips
Base Shear, V_{u_comp} :	1	kips
Moment, M_u :	0	ft-kips
Tower Height, H :	245	ft
BP Dist. Above Fdn, bp_{dist} :	0	in
Bolt Circle / Bearing Plate Width, BC :	12	in

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

Pad Properties		
Depth, D :	5	ft
Pad Width, W_1 :	8.5	ft
Pad Thickness, T :	1.5	ft
Pad Rebar Size (Bottom dir. 2), Sp_2 :	6	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	9	
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 Gross Bearing, Q_{ult} :	5.500	ksf
Cohesion, C_u :		ksf
Friction Angle, ϕ :	27	degrees
SPT Blow Count, N_{blows} :	3	
Base Friction, μ :	0.35	
Neglected Depth, N :	1.67	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	N/A	ft

Foundation Analysis Checks				
	Capacity	Demand	Rating	Check
Lateral (Sliding) (kips)	44.58	1.00	2.2%	Pass
Bearing Pressure (ksf)	3.30	2.97	90.1%	Pass
Overturning (kip*ft)	159.40	5.50	3.5%	Pass
Pier Flexure (Comp.) (kip*ft)	333.71	4.00	1.2%	Pass
Pier Compression (kip)	3124.31	163.53	5.2%	Pass
Pad Flexure (kip*ft)	241.15	87.00	36.1%	Pass
Pad Shear - 1-way (kips)	134.26	35.66	26.6%	Pass
Pad Shear - 2-way (Comp) (ksi)	0.190	0.055	29.1%	Pass
Flexural 2-way (Comp) (kip*ft)	378.53	2.40	0.6%	Pass

Structural Rating:	36.1%
Soil Rating:	90.1%

<--Toggle between Gross and Net

Guyed Anchor Block Foundation

Checks capacity of anchor blocks for a guyed tower.

Project #:	26-003392
Site Name:	EV Olive Hamlet
Site #:	KY-4166
Location:	

(A) B-2

TIA-222 Revision: H

Design Reactions		
Shear, S :	42.00	kips
Uplift, Ua :	43.00	kips
Resultant Force, Rf :	60.11	kips
Tower Height, H :	245.00	ft
Guy Anchor Radius, R :	180.00	ft
Resultant Angle to Horizontal, θ :	45.7	deg

Guy Anchor Properties		
Depth to Bottom of Deadman, Da :	8	ft
Anchor Width, Wa :	2	ft
Anchor Thickness, Ta :	2	ft
Anchor Length, La :	9	ft
Concrete Volume, Vc :	1.3	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):	63.61	42.00	66.0%	Pass
Uplift Capacity (kips):	74.28	43.00	57.9%	Pass
Lateral Flexural Capacity (ft*kips):	116.66	47.25	40.5%	Pass
Uplift Flexural Capacity (ft*kips):	116.66	48.38	41.5%	Pass

Anchor Shaft Rating:	N/A
Structural Rating:	41.5%
Soil Rating:	66.0%

Neglect Depth, Neg :	1.666666667	ft
Groundwater Level, gw :	N/A	ft

Soil Properties:		No. of Soil Layers:				
Layer	φ, deg	cu, ksf	δ, pcf	d, ft	Ultimate fs (ksf)	N (blows/ft)
1	32		125	3.00		2
2	38		130	5.00		11
3	38		130	8.00		28

*key: φ = Internal Angle of Friction
cu = 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 #: 26-003392
 Site Name: EV Olive Hamlet
 Site #: KY-4166
 Location: (B) B-4

TIA-222 Revision: H

Design Reactions		
Shear, S :	42.00	kips
Uplift, Ua :	39.00	kips
Resultant Force, Rf :	57.31	kips
Tower Height, H :	245.00	ft
Guy Anchor Radius, R :	180.00	ft
Resultant Angle to Horizontal, θ :	42.9	deg

Guy Anchor Properties		
Depth to Bottom of Deadman, Da :	8	ft
Anchor Width, Wa :	2	ft
Anchor Thickness, Ta :	2	ft
Anchor Length, La :	9	ft
Concrete Volume, Vc :	1.3	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
<i>Lateral Capacity (kips):</i>	57.12	42.00	73.5%	Pass
<i>Uplift Capacity (kips):</i>	58.40	39.00	66.8%	Pass
<i>Lateral Flexural Capacity (ft*kips):</i>	116.66	47.25	40.5%	Pass
<i>Uplift Flexural Capacity (ft*kips):</i>	116.66	43.88	37.6%	Pass

Anchor Shaft Rating:	N/A
Structural Rating:	40.5%
Soil Rating:	73.5%

Neglect Depth, Neg :	1.666666667	ft
Groundwater Level, gw :	N/A	ft

Soil Properties:		No. of Soil Layers:				
Layer	φ, deg	cu, ksf	δ, pcf	d, ft	Ultimate fs (ksf)	N (blows/ft)
1	29		105	3.00		5
2	30		115	5.00		12
3	38		130	8.00		50

*key: φ = Internal Angle of Friction
 cu = 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 #:	26-003392
Site Name:	EV Olive Hamlet
Site #:	KY-4166
Location:	

(C) B-3

TIA-222 Revision: H

Design Reactions		
Shear, S :	42.00	kips
Uplift, Ua :	39.00	kips
Resultant Force, Rf :	57.31	kips
Tower Height, H :	245.00	ft
Guy Anchor Radius, R :	180.00	ft
Resultant Angle to Horizontal, θ :	42.9	deg

Guy Anchor Properties		
Depth to Bottom of Deadman, Da :	8	ft
Anchor Width, Wa :	2	ft
Anchor Thickness, Ta :	2	ft
Anchor Length, La :	9	ft
Concrete Volume, Vc :	1.3	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
<i>Lateral Capacity (kips):</i>	43.52	42.00	96.5%	Pass
<i>Uplift Capacity (kips):</i>	53.89	39.00	72.4%	Pass
<i>Lateral Flexural Capacity (ft*kips):</i>	116.66	47.25	40.5%	Pass
<i>Uplift Flexural Capacity (ft*kips):</i>	116.66	43.88	37.6%	Pass

Anchor Shaft Rating:	N/A
Structural Rating:	40.5%
Soil Rating:	96.5%

Neglect Depth, Neg :	1.666666667	ft
Groundwater Level, gw :	N/A	ft

Soil Properties:		No. of Soil Layers:				
Layer	φ, deg	cu, ksf	δ, pcf	d, ft	Ultimate fs (ksf)	N (blows/ft)
1	27		105	3.00		47
2	30		115	5.00		50
3	30		125	8.00		50

*key: φ = Internal Angle of Friction
cu = 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

EXHIBIT D

COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

KY Public Service Commission

Master Utility Search

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

Utility ID	Utility Name	Address/City/Contact	Utility Type	Status
				Active
Search				

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

View	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA
View	4114250	Approved Contact LLC	Cellular	D	Jupiter	FL
View	4115050	Aquarius Silver LLC	Cellular	D	Sheridan	WY
View	4105700	Assurance Wireless USA, L.P.	Cellular	D	Atlanta	GA
View	4116450	Atomic Mobile, Inc.	Cellular	D	Spring Lake	NJ
View	4113100	BARK TECHNOLOGIES, INC.	Cellular	D	Kaysville	UT
View	4108600	BCN Telecom, Inc.	Cellular	D	Boca Raton	FL
View	4106000	Best Buy Health, Inc. d/b/a GreatCall d/b/a Jitterbug	Cellular	A	Richfield	MN
View	4116500	Best Networks, Inc dba Pronto Mobile	Cellular	D	Lewes	DE
View	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
View	4107600	Boomerang Wireless, LLC	Cellular	B	Kennett Square	PA
View	4112000	Boost SubscriberCo, L.L.C.	Cellular	A	Littleton	CO
View	4116800	Brick Phone, Inc.	Cellular	C	Brooklyn	NY
View	4115500	CALL CENTERS INDIA INCORPORATED d/b/a Blueconnects	Cellular	D	New York	NY
View	4116700	Carrier Pigeon, LLC	Cellular	C	Kennett Square	PA
View	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4106600	Cintex Wireless, LLC	Cellular	D	Houston	TX
View	4114550	Cliq Communications LLC d/b/a Cliq Mobile	Cellular	D	Coral Gables	FL
View	4111150	Comcast OTR1, LLC	Cellular	A	Phoeniexville	PA
View	4116350	Compax MVNO Venture, Inc.	Cellular	D	Hillsboro	OR
View	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
View	4112700	Cox Wireless, LLC	Cellular	D	Atlanta	GA
View	4108850	Cricket Wireless, LLC	Cellular	A	San Antonio	TX
View	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	A	Long Island City	NY
View	4116850	Culture Wireless Group, Inc.	Cellular	C	Atlanta	GA
View	4114000	Daywalker Mobile Inc.	Cellular	D	Bartlesville	OK
View	4116950	Diez Mobile US, Inc.	Cellular	C	Cambridge	MA

View	4111200	Dynalink Communications, Inc.	Cellular	C	Brooklyn	NY
View	4111800	Earthlink, LLC	Cellular	D	Atlanta	GA
View	4101000	East Kentucky Network, LLC dba Appalachian Wireless	Cellular	A	Ivel	KY
View	4002300	Easy Telephone Service Company dba Easy Wireless	Cellular	D	Ocala	FL
View	4109500	Enhanced Communications Group, LLC	Cellular	D	Bartlesville	OK
View	4112400	Excess Telecom Inc.	Cellular	D	Las Vegas	NV
View	4116100	Fierce Data Solutions, LLC	Cellular	D	Las Vegas	NV
View	4116050	Flex Mobile, Inc.	Cellular	D	Las Vegas	NV
View	4104800	France Telecom Corporate Solutions L.L.C.	Cellular	D	Reston	VA
View	4111750	Gabb Wireless, Inc.	Cellular	A	Lehi	UT
View	4109350	Global Connection Inc. of America	Cellular	D	Miami	FL
View	4102200	Globalstar USA, LLC	Cellular	C	Covington	LA
View	4112850	GO TECHNOLOGY MANAGEMENT, LLC	Cellular	D	Atlanta	GA
View	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
View	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
View	4114050	Helix Wireless Inc.	Cellular	D	Monmouth Junction	NJ
View	4111350	HELLO MOBILE TELECOM LLC	Cellular	D	Dania Beach	FL
View	4112950	Hoop Wireless, LLC	Cellular	D	Lakewood	NJ
View	4103100	i-Wireless, LLC	Cellular	D	Newport	KY
View	4112550	IDT Domestic Telecom, Inc.	Cellular	D	Newark	NJ
View	4109800	IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Plano	TX
View	4112650	Insight Mobile, Inc.	Cellular	D	Los Angeles	CA
View	4116650	INSTABRIDGE, INC.	Cellular	C	Chigaco	IL
View	4117000	Instructional Telecommunications Foundation, Inc. dba Mission Telecom	Cellular	C	Englewood	CO
View	4111950	J Rhodes Enterprises LLC	Cellular	D	Gulf Breeze	FL
View	22215360	KDDI America, Inc.	Cellular	D	Staten Island	NY

View	10872	Kentucky RSA #1 Partnership	Cellular	A	Basking Ridge	NJ
View	4116900	Kind Wireless LLC	Cellular	C	Kennett Square	PA
View	4112200	Lexvor Inc.	Cellular	D	Irvine	CA
View	4111250	Liberty Mobile Wireless, LLC	Cellular	D	Sunny Isles Beach	FL
View	4111400	Locus Telecommunications, LLC	Cellular	B	Teaneck	NJ
View	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
View	4112500	Marconi Wireless Holdings, LLC	Cellular	C	West Palm Beach	FL
View	4114800	Mediacom Wireless LLC	Cellular	D	Mediacom Park	NY
View	4108800	MetroPCS Michigan, LLC	Cellular	A	Bellevue	WA
View	4111700	Mint Mobile, LLC	Cellular	A	Costa Mesa	CA
View	4115100	Mobile 13, Inc	Cellular	D	South Jordan	UT
View	4114950	Moxee Technologies LLC dba COLLEGIATE MOBILE	Cellular	D	Sparks	NV
View	4114100	MVNO Connect LLC	Cellular	D	Bellevue	WA
View	4113350	NatWireless, LLC	Cellular	D	Houston	TX
View	4202400	New Cingular Wireless PCS, LLC	Cellular	A	San Antonio	TX
View	4110700	Norcell, LLC	Cellular	D	Clayton	WA
View	4113700	Nova Labs, Inc. dba Helium Mobile	Cellular	D	San Francisco	CA
View	4110750	Onvoy Spectrum, LLC	Cellular	D	Chicago	IL
View	4116750	OXIO Corpation	Cellular	C	New York	NY
View	4109050	Patriot Mobile LLC	Cellular	A	Grapevine	TX
View	4116150	Peak Data Solutions, LLC	Cellular	D	Camden	DE
View	4115600	PHREELI COMPANY	Cellular	D	Lewes	DE
View	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
View	4115650	PLUG MOBILE LLC	Cellular	D	Olivette	MO
View	33351182	PNG Telecommunications, Inc. dba PowerNet Global Communications	Cellular	D	Cincinnati	OH
View	4112800	Prepaid Wireless Group, LLC dba Prepaid Wireless Wholesale	Cellular	D	Rockville	MD
View	4114350	PRESTO WIRELESS Corp.	Cellular	D	Fair Lawn	NJ
View	4107700	Puretalk Holdings, Inc.	Cellular	C	Covington	GA
View	4106700	Q Link Wireless, LLC	Cellular	A	Dania	FL

View	4116600	Qikfox Cybersecurity Systems, Inc.	Cellular	C	San Mateo	CA
View	4115900	RABONA CORPORATION	Cellular	D	New York	NY
View	4113200	Red Pocket Inc.	Cellular	D	Thousand Oaks	CA
View	4116000	Ringer Mobile, LLC	Cellular	D	Peachtree Corners	GA
View	4116400	Rizz Wireless LLC	Cellular	D	San Francisco	CA
View	4114200	Roccstar Wireless LLC	Cellular	D	Bedford	TX
View	4114700	Rocket Mobile LLC	Cellular	D	West Palm Beach	FL
View	4115400	RSCU Mobile, LLC	Cellular	D	Alpine	UT
View	4106200	Rural Cellular Corporation	Cellular	A	Basking Ridge	NJ
View	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	D	Los Angeles	CA
View	4113050	Sarver Corporation	Cellular	D	Rancho Cucamonga	CA
View	4109150	SelecTel, Inc. d/b/a SelecTel Wireless	Cellular	B	Fremont	NE
View	4116550	Smartless Mobile, LLC	Cellular	D	Culver City	CA
View	4110150	Spectrotel of the South LLC dba Touch Base Communications	Cellular	D	Neptune	NJ
View	4111450	Spectrum Mobile, LLC	Cellular	A	St. Louis	MO
View	4114400	Splash Cellular Inc.	Cellular	D	Bountiful	UT
View	4111600	STX Group LLC dba Twigby	Cellular	D	Murfreesboro	TN
View	4115450	Surf Telecom, LLC	Cellular	D	Key Bixcayne	FL
View	4115950	Switch Mobile, LLC	Cellular	D	Layton	UT
View	4202200	T-Mobile Central, LLC dba T-Mobile	Cellular	A	Bellevue	WA
View	4002500	TAG Mobility, LLC d/b/a TAG Mobile	Cellular	D	Houston	TX
View	4115850	TELCO Communications LLC dba TELCO CELLULAR	Cellular	D	Oceanside	NY
View	4116200	Telco Papa Ltd	Cellular	D	Palo Alto	CA
View	4107200	Telefonica Global Solutions USA, Inc.	Cellular	D	Miami	FL
View	4112100	Tello LLC	Cellular	A	Atlanta	GA
View	4108900	Telrite Corporation	Cellular	D	Covington	GA
View	4108450	Tempo Telecom, LLC	Cellular	D	Dallas	TX
View	4113900	TERRACOM Inc. d/b/a Maxsip Tel	Cellular	D	Chattanooga	TN
View	4113950	THE LIGHT PHONE INC.	Cellular	D	Brooklyn	NY

View	4113250	Thrive Health Tech, Inc.	Cellular	D	Nashville	TN
View	4110400	Torch Wireless Corp.	Cellular	D	Bartlett	TN
View	4103300	Touchtone Communications, Inc.	Cellular	D	Cedar Knolls	NJ
View	4115350	TREK CELLULAR, LLC	Cellular	D	Stevensville	MD
View	4112250	TROOMI WIRELESS, Inc.	Cellular	B	Orem	UT
View	4114600	TruConnect Communications, Inc.	Cellular	D	Los Angeles	CA
View	4112600	Tube Incorporated dba Reach Mobile	Cellular	D	Atlanta	GA
View	4112750	Unity Wireless, Inc.	Cellular	D	Pembroke Pines	FL
View	4116300	US Mobile, Inc.	Cellular	A	New York	NY
View	4115800	USA Mobile LLC	Cellular	D	Laguna Beach	CA
View	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	D	Costa Mesa	CA
View	10630	Verizon Americas LLC dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4104200	Verizon Value, Inc.	Cellular	D	Miami	FL
View	4110800	Visible Service LLC	Cellular	C	Basking Ridge	NJ
View	4115700	Viva-US Communications, Inc.	Cellular	D	San Diego	CA
View	4113750	VOLT MOBILE Inc	Cellular	D	Delray Beach	FL
View	4114450	WeIncentivize LLC d/b/a ChosenWireless	Cellular	D	San Diego	CA
View	4115250	WHOOB MOBILE INC.	Cellular	D	Melbourne	FL
View	4106500	WiMacTel, Inc.	Cellular	D	San Antonio	TX
View	4110950	Wing Tel Inc.	Cellular	C	New York	NY
View	4113650	XCHANGE TELECOM LLC	Cellular	D	Brooklyn	NY
View	4116250	Yonder Media Mobile Inc. dba Yo Mobile	Cellular	D	Bronx	NY
View	4112150	Zefcom, LLC	Cellular	D	Wichita Falls	TX

EXHIBIT E

**FEDERAL AVIATION ADMINISTRATION
DOCUMENTATION**



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

Aeronautical Study No.
2026-ASO-4777-OE

Issued Date: 05/28/2026

APC TOWERS
JONATHAN GREENE
8601 Six Forks Rd
Suite 250
Raleigh, NC 27615

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

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

Structure: Antenna Tower KY-4166 EV Olive Hamlet
County, State: Marshall, Kentucky

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	36-47-49.45N	88-15-17.68W	474 Ft	250 Ft	724 Ft

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

Emissions from this site must be in compliance with the parameters set by collaboration between the FAA and telecommunications companies and reflected in the FAA 5G C band compatibility evaluation process (such as power, frequencies, and tilt angle). Operational use of this frequency band is not objectionable provided the Wireless Providers (WP) obtain and adhere to the parameters established by the FAA 5G C band compatibility evaluation process. **Failure to comply with this condition will void this determination of no hazard.**

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M Change 1, Obstruction Marking and Lighting, a med-dual system-Chapters 4,8(M-Dual),&15.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

This determination expires on 11/28/2027 unless:

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

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

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

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

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

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

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

If we can be of further assistance, please contact our office at 1-817-222-5924, or amber.a-CTR.davis@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2026-ASO-4777-OE.

Signature Control No: 695544374-706615793

(DNE)

Amber Davis
Technician

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

cc: FCC

Additional information for ASN 2026-ASO-4777-OE

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

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

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

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

Frequency Data for ASN 2026-ASO-4777-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
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	3980	MHz	1640	W
3700	3980	MHz	3280	W

Verified Map for ASN 2026-ASO-4777-OE



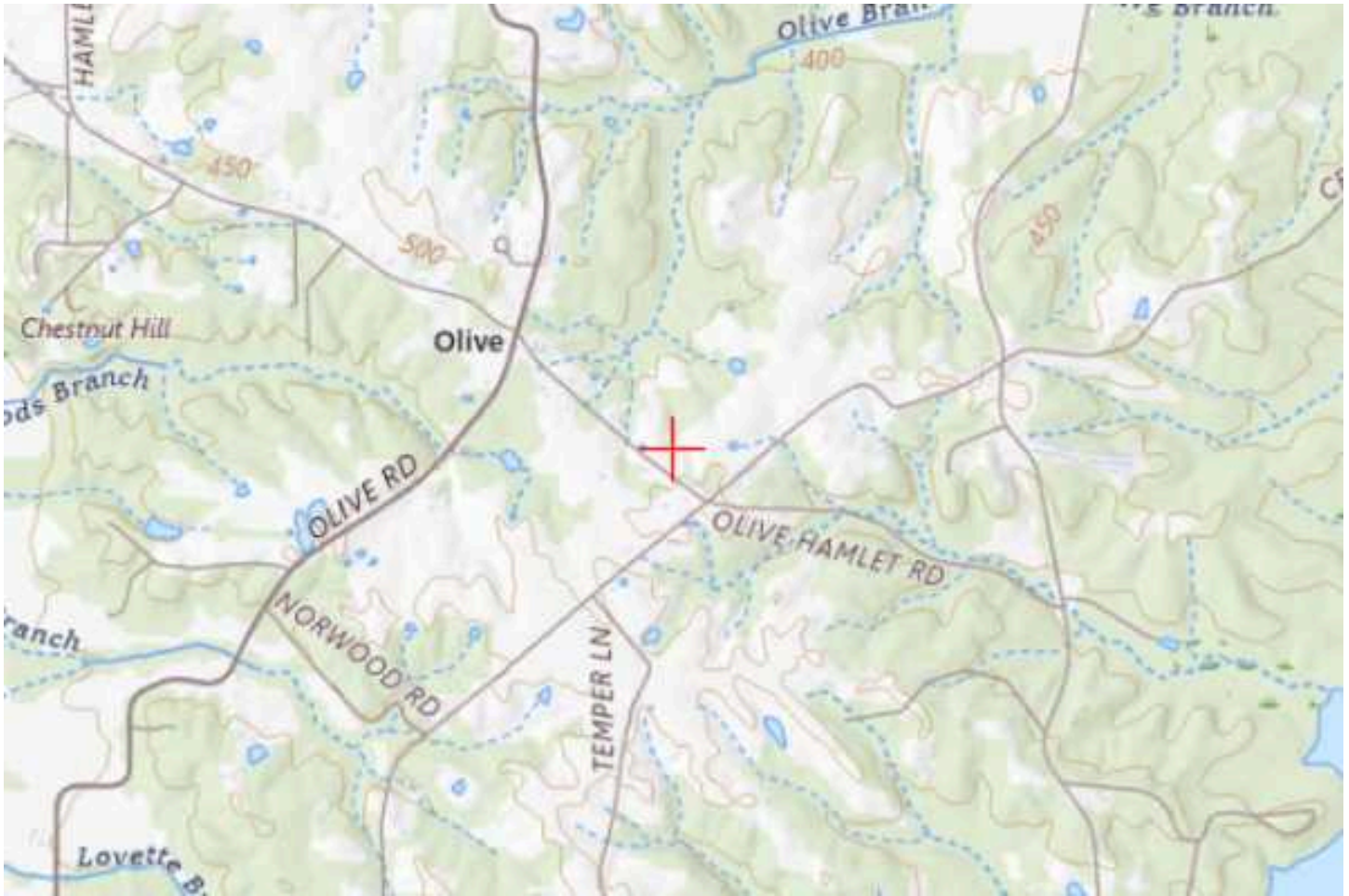


EXHIBIT F

**KENTUCKY AIRPORT ZONING COMMISSION
DOCUMENTATION**



KENTUCKY AIRPORT ZONING COMMISSION

ANDY BESHEAR
Governor

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

REBECCA GOODMAN
Secretary

APPROVAL OF APPLICATION

Wednesday, July 1, 2026

APC Towers
8601 Six Forks Road, Suite 250
Raleigh, NC 27615

AS-2026-022-CEY **Kyle-Oakley Field**
APPLICANTS NAME: APC Towers
NEAREST CITY: Benton, KY
LATITUDE/LONGITUDE: 36°47'49.45" N, 88°15'17.68" W
HEIGHT (In Feet): 250' AGL/724' AMSL
CONSTRUCTION PROPOSED: Communications Tower

NOTES: The tower is located approx 9.08 nm NE of CEY and penetrates no protected air surfaces.

FAA DETERMINATION: 2026-ASO-4777-OE. Marked & lighted IAW FAA AC 70/7460-1 M C1; med-dual system – Chapters 4,8(M-Dual),&15. Emissions must comply with FAA 5G C band compatibility evaluation process.

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

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

An email of this letter was also sent to your representative, Jack Luckadoo, at jluckadoo@apctowers.com. If you have any questions, please contact us.

Respectfully,

Anthony Adams

Airport Zoning Administrator
Department of Aviation
502-564-0151 office
AirportZoning@ky.gov



EXHIBIT G
GEOTECHNICAL REPORT

GEOTECHNICAL REPORT OF SUBSURFACE INVESTIGATION

July 2, 2026

PROPOSED GUYED TOWER

EV Olive Hamlet

Revision 2

Olive Hamlet Road

Benton, KY 42025

36.797068, -88.254911

Prepared for:



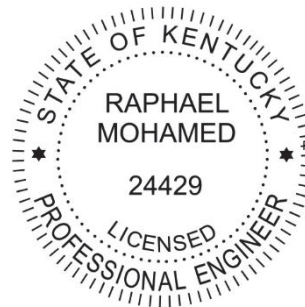
Prepared by:



Jorge Varela

Jorge Varela, P.E.

Senior Geotechnical Engineer



Raphael Mohamed, P.E.

Registered KY 24429

Project Summary

Item	Description
Project Description	A geotechnical exploration and report have been prepared for this proposed 245-foot guyed tower. Included in this report are the results of the field exploration and the recommendations for the design of the foundation system.
Site Coordinates	Latitude: 36.797068 Longitude: -88.254911
Site Condition	The proposed tower will be installed at Olive Hamlet Road in Benton, Kentucky.
Frost Depth	Based on the TIA Standard (TIA-222-H), dated October 2017, the recommended design frost penetration depth to be used for Marshall County, KY is 20 inches (1.6 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	May 1 st , 2026
Number of Borings	4
Equipment Used	Geoprobe
Advancement Method	Hollow Stem Auger (HSA)
Sampling Method	ASTM D-1586 with 1.5 I.D. Split Spoon Sampler

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	Description	Consistency / Density
SAND	Red and brown clayey sand with gravel	Loose to Very Dense
PWR	Partially Weathered Rock sampled as clayey sand	--

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 recompact.

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	SC	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.

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.

Geotechnical Report of Subsurface Investigation

EV Olive Hamlet

Job Number: 26146901_Rev2



Ultimate Strength Parameters

Boring #	Depth (ft)	Unified Soil Classification	Total Unit Weight (pcf)	Friction Angle (degrees)	Cohesion (psf)
B-1	0.0 – 3.0	SC	105	27	--
	3.0 – 5.0	SC	115	30	--
	5.0 – 8.0	SC	120	30	--
	8.0 – 12.0	SC	125	32	--
	12.0 – 20.0	PWR	130	38	--
	20.0 – 30.0	SC	125	32	--
B-2	0.0 – 3.0	SC	125	32	--
	3.0 – 5.0	SC	130	38	--
	5.0 – 8.0	SC	130	38	--
	8.0 – 12.0	SC	130	38	--
	12.0 – 20.0	SC	125	32	--
	20.0 – 30.0	SC	130	38	--
B-3	0.0 – 3.0	SC	105	27	--
	3.0 – 5.0	SC	115	30	--
	5.0 – 8.0	SC	125	30	--
	8.0 – 12.0	SC	130	38	--
	12.0 – 20.0	SC	130	38	--
	20.0 – 30.0	SC	125	30	--
B-4	0.0 – 3.0	SC	105	29	--
	3.0 – 5.0	SC	115	30	--
	5.0 – 8.0	SC	130	38	--
	8.0 – 12.0	SC	130	38	--
	12.0 – 20.0	SC	125	32	--
	20.0 – 30.0	SC	125	32	--

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 $B < 1$ ft

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

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 – 3.0	--	--	--	--	--
3.0 – 5.0	--	0.2	0.2	90	--
5.0 – 8.0	--	0.3	0.3	90	--
8.0 – 12.0	24	0.5	0.5	225	--
12.0 – 20.0	40	0.9	0.9	225	--
20.0 – 30.0	40	1.3	1.3	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

Depth ² (ft)	Net Ultimate Bearing Capacity ¹ (psf)	Sliding Friction Factor ¹
0.0 – 2.0	--	--
2.0 – 8.0	5,500	0.35
8.0 – 15.0	8,000	

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 Pressure ¹ (psf) ¹
B-1	0.0 – 2.0	0 - 600
	2.0 – 4.0	600 – 1,200
	4.0 – 8.0	1,200 – 2,400
	8.0 – 12.0	2,400 – 3,600
	12.0 – 20.0	3,600 – 6,800

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 - 600	0.35
	2.0 – 4.0	600 – 1,200	
	4.0 – 8.0	1,200 – 2,400	
	8.0 – 12.0	2,400 – 3,600	
	12.0 – 20.0	3,600 – 6,800	
B-3 (Anchor)	0.0 – 2.0	0 - 600	0.35
	2.0 – 4.0	600 – 1,200	
	4.0 – 8.0	1,200 – 2,400	
	8.0 – 12.0	2,400 – 3,600	
	12.0 – 20.0	3,600 – 6,800	
B-4 (Anchor)	0.0 – 2.0	0 - 600	0.35
	2.0 – 4.0	600 – 1,200	
	4.0 – 8.0	1,200 – 2,400	
	8.0 – 12.0	2,400 – 3,600	
	12.0 – 20.0	3,600 – 6,800	

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	$S_{ds} = 0.72g$ $S_{d1} = 0.4g$
1. 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	0 – 1.5	2,000

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.

ATTACHMENTS



Date: 7/2/2026	Drafted By: Jorge Varela	EV Olive Hamlet Site Plan	
Project ID: 26146901	Reviewed by: Jorge Varela	Olive Hamlet Rd, Benton KY 42025	



Engineered Tower Solutions

Geotechnical Log - Borehole

B-1

Latitude : 36.79707 Drill Rig : Geoprobe Job Number : 26146901
Longitude : -88.25491 Logged By : Jorge Varela Client : APC Towers
Ground Elevation : 471.06 (ft) Sample Method : Hollow-Stem Auger Project : EV Olive Hamlet
Total Depth : 30 Ft BGL Date : 05/01/2026 Location : Olive Hamlet Rd, Benton KY 42025
Groundwater Depth : No groundwater encountered

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE		BLOW COUNTS (N VALUE)
			TYPE	NUMBER	
		<u>CLAYEY SAND WITH GRAVEL (SC)</u> , red and orange, moist, very loose, medium to coarse sand.			
			X	SS-1	1-2-1 N = 3
		<u>CLAYEY SAND WITH GRAVEL (SC)</u> , red and orange, moist, medium dense to dense, medium to coarse sand.			
			X	SS-2	1-5-9 N = 14
			X	SS-3	4-9-15 N = 24
10			X	SS-4	19-17-20 N = 37
		<u>PARTIALLY WEATHERED ROCK (PWR)</u> clayey sand.			
			X	SS-5	22-50/5" N = 50+
		<u>CLAYEY SAND WITH GRAVEL (SC)</u> , red and brown, moist, dense.			
			X	SS-6	19-25-25 N = 50+
20					
			X	SS-7	19-19-24 N = 43
			X	SS-8	3-20-24 N = 44
N/A					

B-1 Terminated at 30 Ft



Engineered Tower Solutions

Geotechnical Log - Borehole

B-2

Latitude : 36.79744 Drill Rig : Geoprobe Job Number : 26146901
Longitude : -88.25441 Logged By : Jorge Varela Client : APC Towers
Ground Elevation : 469.69 (ft) Sample Method : Hollow-Stem Auger Project : EV Olive Hamlet
Total Depth : 30 Ft BGL Date : 05/01/2026 Location : Olive Hamlet Rd, Benton KY 42025
Groundwater Depth : No groundwater encountered

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE		BLOW COUNTS (N VALUE)
			TYPE	NUMBER	
		CLAYEY SAND WITH GRAVEL (SC), red & brown, moist, very dense.			
			X	SS-1	13-18-29 N = 47
			X	SS-2	10-46-50/6" N = 50+
			X	SS-3	20-42-39 N = 50+
			X	SS-4	21-23-36 N = 50+
			X	SS-5	16-15-27 N = 42
			X	SS-6	28-29-30 N = 50+
			X	SS-7	15-42-50/6" N = 50+
			X	SS-8	30-35-27 N = 50+

B-2 Terminated at 30 Ft



Engineered Tower Solutions

Geotechnical Log - Borehole

B-3

Latitude : 36.79696 Drill Rig : Geoprobe Job Number : 26146901
Longitude : -88.25557 Logged By : Jorge Varela Client : APC Towers
Ground Elevation : 481.79 (ft) Sample Method : Hollow-Stem Auger Project : EV Olive Hamlet
Total Depth : 30 Ft BGL Date : 05/01/2026 Location : Olive Hamlet Rd, Benton KY 42025
Groundwater Depth : No groundwater encountered

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE		BLOW COUNTS (N VALUE)
			TYPE	NUMBER	
		CLAYEY SAND WITH GRAVEL (SC), red & brown, moist, very loose.			
			X	SS-1	2-1-1 N = 2
		CLAYEY SAND WITH GRAVEL (SC), red & brown, moist, medium dense.			
			X	SS-2	1-2-9 N = 11
			X	SS-3	4-15-13 N = 28
		CLAYEY SAND WITH GRAVEL (SC), red & brown, moist, very dense.			
			X	SS-4	23-48-50/6" N = 50+
10					
			X	SS-5	20-40-50/6" N = 50+
			X	SS-6	20-25-26 N = 50+
20					
			X	SS-7	26-21-32 N = 50+
			X	SS-8	4-15-11 N = 26
N/A					

B-3 Terminated at 30 Ft



Engineered Tower Solutions

Geotechnical Log - Borehole

B-4

Latitude : 36.79667 Drill Rig : Geoprobe Job Number : 26146901
Longitude : -88.25443 Logged By : Jorge Varela Client : APC Towers
Ground Elevation : 480.15 (ft) Sample Method : Hollow-Stem Auger Project : EV Olive Hamlet
Total Depth : 30 Ft BGL Date : 05/01/2026 Location : Olive Hamlet Rd, Benton KY 42025
Groundwater Depth : No groundwater encountered

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE		BLOW COUNTS (N VALUE)
			TYPE	NUMBER	
		<u>CLAYEY SAND (SC)</u> , red & brown, moist, loose to medium dense.			
			X	SS-1	3-3-2 N = 5
			X	SS-2	2-7-5 N = 12
		<u>CLAYEY SAND (SC)</u> , red & brown, moist, dense to very dense.	X	SS-3	13-42-42 N = 50+
			X	SS-4	18-35-40 N = 50+
10					
			X	SS-5	21-30-50/6" N = 50+
			X	SS-6	14-14-19 N = 33
20					
			X	SS-7	14-19-19 N = 38
			X	SS-8	25-36-48 N = 50+
N/A					

B-4 Terminated at 30 Ft

May 1, 2026 at 9:32:28 AM
2941 Curd Rd
Benton KY 42025
United States



Photo description	Site Photo		
Client	APC Towers		
Location	Olive Hamlet Rd, Benton KY 42025		
Project name	EV Olive Hamlet		
Project No	26146901	Scale	Not to Scale
BH No	B-1	BH Depth	

EXHIBIT H

DIRECTIONS TO WCF SITE

Driving Directions to Proposed Tower Site

1. Beginning at 1101 Main St., Benton, KY 42025, travel south towards E 12th Street for approximately 154 feet.
2. Turn left onto KY-408 E / E 12th St. and travel approximately 2.6 miles.
3. Turn right onto KY-1897 / Olive Hamlet Road and continue for approximately 4.6 miles.
4. Continue straight onto Olive Hamlet Road and continue for approximately 0.4 miles.
5. Site entrance is on the left, approximately 685 feet northwest of Curd Road.
6. The site coordinates are
 - a. North 36 deg 47 min 49.45 sec
 - b. West 88 deg 15 min 17.68 sec



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

EXHIBIT I

COPY OF REAL ESTATE AGREEMENT

OPTION AND GROUND LEASE AGREEMENT

THIS OPTION AND GROUND LEASE AGREEMENT ("**Agreement**") is made and entered into as of the latter signature date hereto (the "**Effective Date**"), by and between AMY KATHERINE LOVETT RILEY AND TIMOTHY LAKE RILEY, WIFE AND HUSBAND, with a mailing address of 2941 Curd Road, Benton KY 42025 ("**Lessor**"); and APC TOWERS IV, LLC, a Delaware limited liability company, with a mailing address of 8601 Six Forks Road, Suite 250, Raleigh, NC 27615 ("**Lessee**").

RECITALS

WHEREAS, Lessor is the owner of that certain parcel of land located at 2941 Curd Road, Benton, Marshall County, KY 42025, also known as parcel number 66-00-00-104, as more specifically described on **Exhibit A** hereto (the "**Property**"); and

WHEREAS, Lessor desires to grant to Lessee, and Lessee desires to obtain from Lessor an option to lease from Lessor a portion of the Property comprised of approximately 10,000 square feet of ground space (the "**Premises**"), together with an access easement for ingress and egress and the installation and maintenance of utilities (the easements collectively referred to as the "**Easements**") both being approximately located as shown on **Exhibit B** (the Premises and the Easements are collectively referred to herein as the "**Site**"), for the purpose of establishing and maintaining a communications facility for Lessee's use and that of its subtenants, licensees and customers.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants and promises contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Lessor and Lessee agree as follows.

1. Option to Lease.

- (a) In consideration of the payment of [REDACTED] (\$[REDACTED]) by Lessee to Lessor, Lessor hereby grants to Lessee an exclusive and irrevocable option to lease the Premises and use the Easements on the terms and conditions set forth herein below (the "**Option**"). The Option has a term of twenty-four (24) months, commencing on the Effective Date and ending as of midnight on the date before the two (2)-year anniversary of such date (the "**Option Period**"). Lessee has the right to extend the Option for one (1) additional term of twenty-four (24) months (the "**Extended Option Period**"). The Option will automatically be extended for the Extended Option Period unless Lessee provides Lessor with written notice of Lessee's intent not to extend the Option at least ninety (90) days prior to the expiration of the Option Period or the Extended Option Period, as applicable. Lessee will pay Lessor an additional payment of [REDACTED] within thirty (30) days of the commencement of the Extended Option Period.
- (b) During the Option Period, the Extended Option Period and the Term, Lessor agrees to cooperate with Lessee in obtaining, at Lessee's expense but for no additional consideration payable to Lessor, all licenses and permits or authorizations required for Lessee's use of the Site from all applicable government and/or regulatory entities (the "**Government Approvals**"). Lessor hereby irrevocably appoints Lessee or Lessee's agent as Lessor's agent to file applications on behalf of Lessor with federal, state and local governmental authorities which applications relate to Lessee's use of the Site, including but not limited to land use and zoning applications. During the Option Period, Extended Option Period and the Term, Lessor agrees to cooperate with

Lessee, at no cost to Lessor but for no additional consideration payable to Lessor, to obtain a title report, zoning approvals and variances, conditional-use permits and perform surveys, soils tests, perform RF engineering studies and other engineering procedures or environmental investigations on, under and over the Property, necessary to determine whether Lessee's use of the Site will be compatible with the Lessee's engineering specifications, intended use, system design, operations and Government Approvals. During the Option Period, Extended Option Period and the Term, Lessor agrees to provide Lessee, at no cost to Lessor but for no additional consideration payable to Lessor, with any documents, materials or other instruments required or requested for Lessee to secure a title policy for the Site, which may include, among others, and each as applicable, the following: (i) a certified copy of the formation documents of Lessor and all amendments thereto from the state in which Lessor is organized; (ii) a certificate of good standing for the Lessor issued by the state where the Lessor is organized, not dated later than five (5) business days from the date requested by Lessee; (iii) a true and complete copy of the names of any shareholders, members or partners of the Lessor; (iv) true and complete copy of any operating agreement, partnership agreement, bylaws or similar document and all amendments thereto together certified as accurate and complete by an officer, director, partner, member or manager of Lessor; (v) a copy of the authorizing resolutions or consent of Lessor's governing body authorizing Lessor to enter into, comply with and perform under this Agreement; and (vi) such other documents that may be reasonably required or requested. Lessor's provision of the foregoing documents, materials or other instruments required for Lessee to secure a title policy for the Site shall be a prerequisite for the payment of any Rent or other monetary amounts payable by Lessee under this Agreement, and notwithstanding anything to the contrary herein and in addition to Lessee's rights and remedies otherwise provided in this Agreement, Lessee shall have no obligation to make any rental or other payments to Lessor until such items have been supplied to Lessee to the reasonable satisfaction of Lessee and Lessee's title insurer.

- (c) During the Option Period and any Extended Option Period, Lessee may exercise the Option by written notice to Lessor.

2. Premises. Subject to the terms and conditions of this Agreement, upon Lessee's exercise of the Option Lessor hereby leases to Lessee and Lessee hereby leases from Lessor the Premises together with the use of the Easements for the construction, modification, operation and maintenance of the Telecommunications Facilities (as defined in Section 7(a)).

3. Permitted Use. The Site may be used by Lessee for the construction, modification, operation, maintenance, repair, replacement and removal of the Telecommunications Facilities (the "**Permitted Use**"). Lessor may not commit any action or omission that would adversely affect the status of the Site with respect to the Permitted Use.

4. Term. The initial term of this Agreement ("**Initial Term**") is five (5) years, beginning on the date Lessee exercises the Option ("**Commencement Date**"), and expiring at midnight on the day prior to the fifth (5th) anniversary of the Commencement Date. Lessee has the right to extend the term of Agreement for nine (9) additional five (5) year terms (each a "**Renewal Term**"). Each Renewal Term will be on the same terms and conditions set forth in this Agreement. This Agreement will automatically renew for each successive Renewal Term unless Lessee notifies Lessor in writing of Lessee's intention not to renew the Term at least thirty (30) days prior to the expiration of the then current Term. The Initial Term and Renewal Terms are collectively referred to herein as the "**Term**".

5. Rent. Lessee shall pay Lessor an initial monthly rent of [REDACTED] ("**Rent**"). The Rent is due and payable in advance on the first day of each month during the Term

commencing as of the Rent Commencement Date. The "**Rent Commencement Date**" is the earlier of (i) the date of issuance of a certificate of completion (or comparable certificate) from the applicable governmental authority for the Telecommunications Facilities or (ii) ninety (90) days from the Commencement Date. Rent will be prorated for any partial months, including the months in which the Rent Commencement Date and the expiration or termination of the Term occur. As a condition precedent to Lessee's obligation to remit any payments provided for under this Agreement, Lessor (as well as any successor to Lessor's interest in this Agreement or to such payments) agrees to provide Lessee with a completed IRS Form W-9 upon execution of this Agreement and at such other times as may be reasonably requested by Lessee, including any change in Lessor's name or address. If Lessee elects to remit payments payable under this Agreement by electronic funds transfer, Lessor agrees to provide to Lessee bank routing information for such purpose upon request of Lessee. The Rent will increase annually as of each anniversary of the Commencement Date, by an amount equal to [REDACTED] of the Rent in effect immediately prior to the increase.

6. Interference. Lessor may not use, nor may Lessor permit its tenants, licensees, employees, invitees or agents to use any portion of the Property in any way that interferes with Lessee's Permitted Use of the Site. Such interference will be a material breach of this Agreement by Lessor and Lessor shall have the responsibility to terminate the interference immediately upon written notice from Lessee. Anything to the contrary in this Agreement notwithstanding, the cure periods provided for in Section 10 will not be applicable to failure by Lessor to fulfill its obligations under this Section 6. If any interference does not cease or is not rectified as soon as possible, but in no event longer than twenty-four (24) hours after Lessee's written notice to Lessor, Lessor acknowledges that the continuing interference will cause irreparable injury to Lessee, as well as Lessee's sublessees and licensees, and Lessee has the right, in addition to any other rights that it may have at law or in equity, to bring action to enjoin such interference or to terminate this Lease immediately upon notice to Lessor. Lessor represents and warrants that it has not sold, leased, licensed or otherwise granted rights in the Property that in any way interfere or could reasonably be likely to interfere with Lessee's rights to use Site for the Permitted Use.

7. Construction of Improvements.

- (a) Lessee may, from time to time during the Term, at its expense, construct, install, operate, maintain, replace, add to, upgrade and remove its (as well as its subtenants, licensees and customers) radio transmitting and receiving antennae, communications equipment, related cables, wires, conduits, air conditioning equipment and other appurtenances, as well as a tower(s) and building(s) or cabinets to house such equipment (collectively, the "**Telecommunications Facilities**"). Although the Telecommunications Facilities may become fixtures under applicable law, they will remain solely the property of Lessee and Lessee's subtenants, licensees and customers, and Lessee (and its subtenants, licensees and customers) has the right to remove any or all of them from time to time during the Term and the obligation to remove all of them at the expiration or earlier termination of the Term and repair the Premises to its original condition (including, without limitation, the express removal from the Premises of any and all Telecommunication Facilities to three (3) feet below grade), with normal wear and tear and casualty loss accepted. At the time of removal of the Telecommunications Facilities, Lessee shall, at its sole cost and expense, repair any damage to the Property and restore the Property to the same condition that existed prior to the installation of the Telecommunications Facilities (with the exception of normal wear and tear, casualty damage and the acts of third parties not associated with Lessee) within one hundred twenty (120) days. If the tower to be constructed by Lessee on the Premises is a guyed tower, Lessor also grants Lessee easements in, over, across and through the Property or any other real property owned by Lessor as may be necessary to Tenant during the Initial Term and any Renewal Terms of this Agreement for the installation and maintenance and removal of and reasonable access to guy wires and guy wire anchors, which may be located outside of the Site.

- (b) The Telecommunications Facilities shall be initially configured as generally set forth in Exhibit C, subject to change by Lessee consistent with Section 7(a).
- (c) Lessee is solely responsible for operations, maintenance, repair and insuring of the equipment owned, constructed and installed by Lessee on the Premises.
- (d) Lessor hereby grants Lessee a non-exclusive, unimpaired landscape easement which includes the right to install vegetation and screening around the exterior of the perimeter of the Premises as necessary to meet the applicable landscaping and buffering requirements of applicable land use laws, rules and regulations, if and when such placement should ever be required (the "*Landscape Easement*").
- (e) Lessee, at its sole discretion, may, without any need to obtain the consent of Lessor, license or sublease all or a portion of the Site and/or the Telecommunications Facilities.

8. Access. During the Term, ingress and egress to the Premises is hereby granted by Lessor to Lessee and its subtenants, licensees and customers, and each of such party's agents, contractors and subcontractors, 24 hours a day, 365 days per year basis. This ingress and egress shall include the nonexclusive right to and from the Premises, over and across the Property and an access way from nearby public streets and driveways and parking rights for personnel and equipment. Lessee also has a nonexclusive right of way over and across the Property as necessary for the installation, running, servicing and maintenance of electrical power and other utilities necessary to serve the Telecommunications Facilities.

9. Utilities.

- (a) Lessee has the right to install utilities (including without limitation communications services and power) at Lessee's expense, and to improve the present utilities, if any, on the Premises. Lessee shall, wherever practical, install separate meters for utilities used on the Premises.
- (b) Lessee may utilize the Easements for ingress, egress, and access to the Premises as may be required for the construction, installation and maintenance by the appropriate utility companies for the purpose of servicing the Telecommunications Facilities. In addition to Lessee and its sublessees and licensees, Lessee may grant the right to utilize the Easements to any utility servicing the Site. Lessor agrees to execute, at no cost to Lessee a utility easement between Lessor and any such utility provider, if reasonably necessary.

10. Default. Any breach of a material term hereof that is not cured within thirty (30) days from receipt of written notice from the non-breaching party shall constitute a "*Default*"; provided, however, that if efforts to cure such breach are commenced within said 30-day period and thereafter diligently prosecuted to completion, such period shall be extended for a period of time not to exceed six (6) months. The foregoing notwithstanding, any monetary breach not cured within fifteen (15) days from receipt of written notice thereof from the other party shall constitute a Default by the breaching party.

11. Termination.

- (a) In addition to other termination rights contained in this Agreement, this Agreement may be terminated upon written notice from the non-breaching party to the breaching party upon a Default and as otherwise provided in this section.

- (b) Lessee may terminate this Agreement upon written notice to Lessor if Lessee determines, in Lessee's sole discretion, that the results of any studies, reports, and/or applications for Governmental Approvals contemplated under Section 1(b) of this Agreement are unacceptable.
- (c) Lessee may terminate this Agreement upon thirty (30) days prior written notice to Lessor, if (i) Lessee determines that the Premises are technologically unsuitable, in Lessee's reasonable opinion, for the operation of the Telecommunications Facilities, including but not limited to unacceptable radio signal interference and any addition, alteration or new construction on, adjacent to or in the vicinity of the Premises or the Property that blocks, either partially or totally, transmission or receiving paths used by any of the Telecommunications Facilities; (ii) any Governmental Approval that Lessee reasonably deems necessary or convenient for the construction, operation, maintenance, reconstruction, modification, addition to or removal of the Telecommunications Facilities is not, in Lessee's sole discretion, reasonably obtainable or maintainable in the future; (iii) Lessee determines, in Lessee's commercially reasonable judgment, that the Premises cease to be economically viable as a telecommunications site; or (iv) Hazardous Substances (as defined in Section 14) are or become present on the Property in violation of Environmental Laws (as defined in Section 14).

12. Condemnation. If all or any part of the Premises or any portion of the Easements, or any roadway to the Premises is taken by eminent domain or other action by any governmental or quasi-governmental body having the legal right to take said lands, and if said taking in the sole discretion of Lessee renders the Premises unsuitable for its intended purpose, then at Lessee's option, Lessee may terminate this Agreement as of the date the title vests in the condemning authority. Lessor and Lessee will share in the condemnation proceeds in proportion to the values of their respective interests in the Site (which for Lessee includes, where applicable, the value of the Telecommunication Facilities, moving expenses, prepaid rent and business dislocation expenses). If Lessee does not terminate this Agreement as provided in this section, this Agreement shall remain in effect, but the Rent shall be reduced by the amount that bears the same proportion to the Rent immediately prior to the partial taking which was applicable to the Premises immediately prior to such taking and thereafter the "Premises" will be deemed to be the remaining portion of the initial Premises.

13. Indemnification.

- (a) Lessor, its heirs, grantees, successors, and assigns shall indemnify and defend Lessee from and against any claims, obligations, liabilities, costs, demands, damages, expenses, suits or causes of action, including costs and reasonable attorney's fees, which may arise out of (i) any injury to or death of any person; or (ii) any damage to property, if such injury, death or damage arises out of or is attributable to or results from the acts or omissions of Lessor, or Lessor's principals, employees, invitees, agents or independent contractors. Lessee, its grantees, successors, and assigns shall indemnify and defend Lessor from and against any claims, obligations, liabilities, costs, demands, damages, expenses, suits or causes of action, including costs and reasonable attorney's fees, which may arise out of (i) any injury to or death of any person; or (ii) any damage to property, if such injury, death or damage arises out of or is attributable to or results from the negligent acts or omissions of Lessee, or Lessee's employees, agents or independent contractors.
- (b) If either party is entitled to indemnification and defense ("***Indemnified Party***") from the other party ("***Indemnifying Party***") pursuant to this Agreement, the Indemnified Party shall notify the Indemnifying Party promptly, in writing, of any claims by any person for which the Indemnified Party alleges that the Indemnifying Party is responsible hereunder and tender the defense of such claim to the Indemnifying Party. The Indemnified Party shall fully cooperate with the defense

or settlement of such claim. The Indemnifying Party shall not be liable under this Agreement for settlements by the Indemnified Party of any claim unless the Indemnifying Party has approved the settlement in advance (such approval not to be unreasonably withheld, conditioned or delayed) or unless the defense of the claim has been tendered to the Indemnifying Party, in writing, and the Indemnifying Party has failed promptly to undertake the defense. This Section 13 shall survive the termination or expiration of this Agreement.

14. Hazardous Substances. Lessor represents and warrants to Lessee that Lessor: (i) is not presently engaged in, (ii) does not presently have actual knowledge of, (iii) has not at any time in the past engaged in, and (iv) has no actual knowledge that any third person or entity has engaged in or permitted any operations or activities upon, or any use or occupancy of, the Premises, or any portion of the Property, for the purpose of, or in any way involving the handling, manufacturing, treatment, storage, use, transportation, spillage, leakage, dumping, discharge or disposal (whether legal or illegal), accidental or intentional, of any hazardous substances, materials or wastes ("**Hazardous Substances**") regulated under any local, state, or federal law pertaining to the environment, public health or safety or the handling, manufacturing, treatment storage, use, transportation, spillage, leakage, dumping, discharge or disposal of Hazardous Substances ("**Environmental Laws**"). Lessor indemnifies and defends Lessee from and against any and all claims of liability under any Environmental Laws for Hazardous Substances which were handled, manufactured, treated, stored, used, transported, spilled, leaked, dumped, discharged, disposed of or otherwise introduced into the Property, except for claims arising in whole or in any part out of Lessee's use or occupancy of the Premises. The indemnity obligations contained in this Section 14 shall survive the termination or expiration of this Agreement.

15. Insurance. Lessee will carry during the term of the Agreement the following insurance with customary coverage and exclusions: (i) bodily injury: [REDACTED] for injury to any one person and [REDACTED] for all injuries sustained by more than one person in any one occurrence; and (ii) property damage: full replacement costs of Lessee's property. Lessee agrees to furnish Lessor with certificates of insurance certifying that Lessee has in force and effect the above specified insurance. Lessee shall have Lessor named as additional insured on all policies obtained or maintained by Lessee pursuant to this Section 15, except for workers' compensation policies. Lessor and Lessee mutually covenant and agree that each party, in connection with insurance policies required to be furnished in accordance with the terms of this Agreement, or in connection with insurance policies which they obtain insuring such insurable interest as Lessor or Lessee may have in its own properties, whether personal or real, shall expressly waive any right of subrogation on the part of the insurer against the Lessor or Lessee as the same may be applicable, which right to the extent not prohibited or violative of any such policy is hereby expressly waived. Lessor and Lessee each agree to seek recovery based solely on insurance policies as set forth above, provided such policies are in effect, and each mutually waive all right of recovery against each other, their agents, or employees for any loss, damage or injury of any nature whatsoever to property or person except to the extent either party is required by this Agreement to carry insurance.

16. Taxes. Lessee shall pay any personal property taxes assessed on or attributable to the Telecommunications Facilities. Lessor shall pay when due all real property taxes and all other fees and assessments attributable to the Property, Premises and Easements. Lessee will pay to Lessor within thirty (30) days from Lessor's request, any increase in Lessor's real property taxes which Lessor demonstrates, to Lessee's satisfaction, is directly and solely attributable to any improvements to the Site made by Lessee. If Lessor fails to pay when due any taxes affecting the Property or the Site, Lessee shall have the right, but not the obligation, to pay such taxes and (i) deduct the full amount of the taxes paid by Lessee on Lessor's behalf from future installments of Rent, or (ii) collect such taxes by any lawful means.

17. Quiet Enjoyment, Title and Authority.

- (a) During the Term, Lessee may peaceably and quietly hold and enjoy the Premises, free from disturbance from any person claiming by, through or under Lessor, subject only to those matters of title of record as of the Effective Date.
- (b) Lessor covenants and warrants to Lessee that: (i) Lessor has full right, power and authority to execute this Agreement; (ii) Lessor has good and unencumbered title to the Property, free and clear of any liens or mortgages, except those disclosed to Lessee and of record as of the Effective Date, that will not interfere with Lessee's rights to or use of the Premises; (iii) the execution and performance of this Agreement will not violate any laws, ordinances, covenants, or the provisions of any mortgage, lease, or other agreement binding on Lessor.
- (c) Lessor agrees that, during the Option Period, Extended Option Period and the Term, Lessee will have the exclusive right to lease the Property or any portion thereof from the Lessor for the operation of antennae and telecommunications facilities providing transmission and receiving facilities for wireless providers and users, and that Lessor will not grant a lease, sublease, or other license or right to use any portion of the Property, or any other adjacent property owned by Lessor, to any other party for operation of antenna and/or telecommunications facilities.

18. Notices.

- (a) All notices hereunder must be in writing and shall be deemed validly given if sent by hand delivery, a reputable national overnight courier service (such as FedEx or United Parcel Service), or by certified mail, postage prepaid, return receipt requested, to the address shown below (or to any other address that the party to be notified may designate from time to time by written notice to the other party).

If to Lessee to: APC Towers IV, LLC
8601 Six Forks Road, Suite 250
Raleigh, NC 27615
Attention: Daniel C. Agresta III, President & CEO
Ref. Site ID: KY-4166

Telephone: (919) 324-1922 *(included for information purposes only and not for notices)*
Fax: (919) 890-0788 *(included for information purposes only; not for notices)*

If to Lessor to: Timothy and Amy Riley
2941 Curd Road
Benton KY 42025
Ref. Site ID: KY-4166

Telephone: (270) 994-0802 *(included for information purposes only and not for notices)*
Email: ariley.6r@gmail.com *(included for information purposes only; not for notices)*

- (b) If there is a change in ownership of the Property and Lessor's agreement is assigned to another party, then within ten (10) days of such transfer, Lessor or its successor will send copies of the documents listed below in this subsection (b) to Lessee. Until Lessee receives all such documents, Lessee shall not be responsible for any failure to make payments under this Agreement and reserves the right to hold payments due under this Agreement.

- i. Old deed to Property
- ii. New deed to Property
- iii. Bill of Sale or Transfer
- iv. Current Tax Bill
- v. New IRS Form W-9
- vi. Full contact (information purposes only and not for notices) for new Lessor including phone number(s)

19. Estoppel, Non-Disturbance and Attornment.

- (a) Lessor will, from time to time, upon not less than ten (10) days prior written notice from Lessee, execute and deliver to Lessee 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 Lessor has any knowledge of any default or breach by Lessee 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 the Lessee to extend the Term; (iv) the amount of the then-current Rent payable under the 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 Lessee or its prospective mortgagee or purchaser may request.
- (b) Lessor shall obtain for Lessee from the holder of any mortgage and deed of trust now or hereafter encumbering the Property a subordination and non-disturbance agreement, providing that so long as Lessee is not in default under this Agreement, its rights as Lessee hereunder shall not be terminated and its access to and possession of the Premises 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.

20. Assignment. This Agreement is freely assignable by Lessee to any other party upon written notice to Lessor, without the necessity of obtaining Lessor's consent. Upon an assignment, Lessee shall be relieved of all liabilities and obligations arising under this Agreement subsequent to the date of such assignment. Lessee, at its sole discretion, may, without any need to obtain the consent of Lessor, license or sublease all or a portion of the Site and/or the Telecommunications Facilities. Additionally, Lessee may mortgage or grant a security interest in this Agreement and the Telecommunications Facilities and may assign this Agreement and the Telecommunications Facilities to any such mortgagees or holders of security interests including their successors and assigns (hereinafter collectively referred to as "**Secured Parties**"). If requested by Lessee, Lessor shall execute such consent to such financing as may reasonably be required by Secured Parties. In addition, if requested by Lessee, Lessor agrees to notify Lessee and Lessee's Secured Parties simultaneously of any default by Lessee and to give Secured Parties the same right to cure any default as Lessee. If a termination, disaffirmance or rejection of this Agreement by Lessee pursuant to any laws (including any bankruptcy or insolvency laws) occurs, or if Lessor shall terminate this Agreement for any reason, Lessor will give to Secured Parties prompt notice thereof and Secured Parties shall have the right to enter upon the Premises during a 30-day period commencing upon Secured Parties' receipt of such notice for the purpose of removing any Telecommunications Facilities. Lessor acknowledges that Secured Parties are third-party beneficiaries of this Agreement.

21. Limited Right of First Refusal. Notwithstanding anything to the contrary contained herein, this paragraph shall not apply to any fee simple sale of the Property from Lessor to any prospective purchaser that is not a Third-Party Competitor or to Lessee. A Third-Party Competitor as included in this Section is defined as a party that competes, owns, markets or distributes products within the telecommunications industry and is not an affiliate, licensee, or distributor of Lessee. If Lessor receives an offer or desires to offer to: (i) sell or convey any interest (including, but not limited to, leaseholds or easements) in any real

property of which the Leased Premises is a part to a Third Party Competitor or (ii) assign all or any portion of Lessor's interest in the Lease to a Third Party Competitor (any such offer, the "Offer"), Lessee shall have the right of first refusal to purchase the real property or other interest being offered by Lessor in connection with the Offer on the same terms and conditions. If Lessee elects, in its sole and absolute discretion, to exercise its right of first refusal as provided herein, Lessee must provide Lessor with notice of its election not later than forty-five (45) days after Lessee receives written notice from Lessor of the Offer. If Lessee elects not to exercise Lessee's right of first refusal with respect to an Offer as provided herein, Lessor may complete the transaction contemplated in the Offer with the Third-Party Competitor on the stated terms and price but with the express condition that such sale is made subject to the terms of the Lease, as modified by an amendment. Lessor hereby acknowledges and agrees that any sale or conveyance by Lessor in violation of this Section is and shall be deemed to be null and void and of no force and effect. The terms, provisions, and conditions of this Section shall survive the execution and delivery of an amendment.

22. Further Assurances. Each party shall take all such further actions and execute all such further documents and instruments as the parties may at any time reasonably determine to be necessary or desirable to carry out and consummate the transactions contemplated by this Agreement.

23. Waiver of Lessor's Lien. Lessor hereby waives any and all lien rights it may have, statutory or otherwise, in and to the Telecommunications Facilities or any portion thereof, regardless of whether or not same is deemed real or personal property under applicable laws.

24. Waiver of Damages. Neither Lessor nor Lessee shall be responsible or liable to the other party for any loss or damage arising from any claim to the extent attributable to any acts of vandalism or for any structural or power failures or destruction or damage to the Telecommunications Facilities except to the extent caused by the negligence or willful misconduct of such party. EXCEPT AS SPECIFICALLY PROVIDED IN THIS AGREEMENT, IN NO EVENT SHALL LESSOR OR LESSEE BE LIABLE TO THE OTHER FOR, AND LESSEE AND LESSOR EACH HEREBY WAIVE THE RIGHT TO RECOVER INCIDENTAL, CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, LOSS OF USE OR LOSS OF BUSINESS OPPORTUNITY), PUNITIVE, EXEMPLARY AND SIMILAR DAMAGES.

25. Miscellaneous.

- (a) This Agreement shall extend to and bind the heirs, executors, administrators, successors and assigns of the parties hereto.
- (b) This Agreement and the performance thereof shall be governed, interpreted, construed and regulated by the laws of the state or commonwealth in which the Site is located, without regard to its conflicts of laws principles.
- (c) For purposes of providing constructive notice hereof and if required by applicable law, Lessor and Lessee hereby agree to execute the i) Memorandum of Option (see form attached hereto as Exhibit D-1), and ii) Memorandum of Ground Lease Agreement (see form attached hereto as Exhibit D-2); and Lessee shall have the same recorded in the land records of the county and state in which the Premises is located. The cost of any such recording is to be paid for solely by the Lessee.
- (d) Any sale or other conveyance by the Lessor of all or part of the Site shall be under and subject to this Agreement and Lessee's rights hereunder.

- (e) It is hereby mutually agreed and understood that this Agreement contains all agreements, promises and understandings between the Lessor and the Lessee and that no verbal or oral agreements, promises, or understandings shall or will be binding upon either the Lessor or Lessee in any dispute, controversy or proceeding at law, or any addition to, variation, or modification of this Agreement shall be void and ineffective unless in writing signed by the parties hereto.
- (f) If either Lessor or Lessee is represented by a real estate broker in this transaction, that party is fully responsible for any fees due such broker and will hold the other party harmless from any claims for commission by such broker.
- (g) This Agreement may be executed in two or more counterparts, all of which are considered one and the same agreement and become effective when one or more counterparts have been signed by each of the parties, it being understood that all parties need not sign the same counterpart.
- (h) The parties agree that a scanned or electronically reproduced copy or image of this Agreement will be deemed an original and may be introduced or submitted in any action or proceeding as competent evidence of the execution, terms and existence hereof notwithstanding the failure or inability to produce or tender an original, executed counterpart of this Agreement and without the requirement that the unavailability of such original, executed counterpart of this Agreement first be proven.
- (i) In the event of any dispute arising hereunder or a default by Lessor or Lessee, and 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.

26. Confidentiality. Lessor shall not disclose to any third party the Rent payable by Lessee under this Agreement and shall treat such information as confidential, except that Lessor may disclose such information to prospective buyers, prospective or existing lenders, Lessor's affiliates and attorneys, or as may be required by law or as may be necessary for the enforcement of Lessor's rights under this Agreement. Lessor acknowledges that the disclosure of such information to any other parties may cause Lessee irreparable harm, and in the event of such disclosure, as an additional remedy, Lessee shall have the right to terminate this Agreement upon giving thirty (30) days written notice thereof to Lessor.

(Signature Pages Follow)

IN WITNESS WHEREOF, the parties hereto have executed this OPTION AND GROUND LEASE AGREEMENT as of the dates written below.

LESSOR:

AMY KATHERINE LOVETT RILEY

By (sign): Amy Katherine Lovett Riley
Name (print): Amy Katherine Lovett Riley
Date: 2-5-26

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.

LESSOR ACKNOWLEDGMENT

STATE OF Kentucky
COUNTY OF Marshall

On the 5th day of February in the year 2026 before me, the undersigned, personally appeared Amy Katherine Lovett Riley, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she/he executed the same in her/his capacity, and that by her/his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

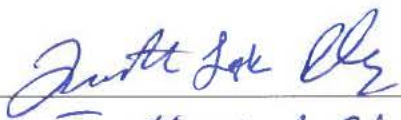
[SEAL]

Holly Carter
KYNP64860, Notary Public

My Commission Expires: 01/12/2027

LESSOR:

TIMOTHY LAKE RILEY

By (sign): 
Name (print): Timothy Lake Riley
Date: 2-5-26

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.

LESSOR ACKNOWLEDGMENT

STATE OF Kentucky
COUNTY OF Marshall

On the 5th day of February in the year 2026 before me, the undersigned, personally appeared Timothy Lake Riley, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she/he executed the same in her/his capacity, and that by her/his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

[SEAL]


KYNP64860, Notary Public
My Commission Expires: 01/12/2027



LESSEE:

APC TOWERS IV, LLC,
a Delaware limited liability company

By: [Signature]

Name: Daniel C. Agresta III

Title: President & CEO

Date: 2/24/2026

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.

LESSEE ACKNOWLEDGMENT

STATE OF NORTH CAROLINA

COUNTY OF WAKE

On the 24th day of February in the year 2026 before me, the undersigned, personally appeared Daniel C. Agresta III, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

[SEAL]

[Signature: Talicia C. Neal]

Talicia C. Neal, Notary Public

My Commission Expires: April 12, 2028.



EXHIBIT A

LEGAL DESCRIPTION OF REAL PROPERTY

Legal description of the Property to be provided on new Exhibit A prior to exercise of Option per Paragraph 1(c). Initials by Lessor and Lessee at the bottom of the new Exhibit A will constitute approval.

Situated in the County of Marshall, State of Kentucky:

Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, Page 585), thence, North 84° 30' 05" West, 858 feet to a point in the fence line, thence, in a Northerly direction approximately 415 feet to a White Oak tree located on the southeast corner of the Wendell Norwood property, thence, South 84° 26' 59" East, 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, Page 483), thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

Less and Except:

Being a tract of land in Marshall County, Kentucky, Northeast of Hardin approximately two miles North of the intersection of Highway 80 and Highway 1364 on the north side of Walnut Grove-Olive Road, and more particularly described as: Beginning at a 1/2" rebar (set) in the north 20 foot right-of-way line of said road approximately 1460 feet West of Highway 1364; thence, North 43° 46' 51" East, 724.22 feet and severing the land of Bill Weir (Deed Book 198, page 613) a division line established by this survey to a 1/2" rebar (found), the southwest corner of Steven Wood (Deed Book 241, page 689); thence, with the south and east boundary of Wood marked with a 3/8" rebar pins and a fence as follows: North 77° 55' 49" East, 301.59 feet; North 21° 22' 11" West, 357.55 feet; South 61° 00' 49" West, 103.40 feet; North 26° 45' 11" West, 322.12 feet; North 07° 56' 21" East, 48.76 feet; North 44° 20' 02" East, 319.26 feet to a 3/8" rebar (found) in the west 25 foot right-of-way of Highway 1364 at the northeast corner of Wood; thence, with said right-of-way as follows: South 44° 27' 51" East, 222.73 feet; South 29° 07' 00" East, 322.76 feet; South 13° 33' 00" East, 1144.70 feet to the north corner of a church lot; thence, South 44° 09' 00" West, 299.08 feet to a point in the north right-of-way of Walnut Grove-Olive Road; thence, with said right-of-way as follows: North 57° 06' 00" West, 234.54 feet; North 63° 06' 00" West, 307.24 feet; North 83° 08' 00" West, 342.45 feet; North 82° 50' 04" West, 233.89 feet to the point of beginning and containing 21.4755 acres.

Less and Except:

Being a 45.27 acre parcel of land carved out of a larger parent tract of land generally located on the north side of Curd Road (CR-1146) near the Community of Olive, approximately 3/10 miles west from Hwy. 1364, and being more particularly described as follows,

Unless Stated otherwise, any monument referred to herein as a "pipe and Cap" is a set 3/4" diameter schedule 40, steel pipe, eighteen (18") in length, with an orange plastic cap stamped J.E.S. LS #2236. All bearings stated herein are referred to the magnetic meridian as observed September 24, 1999, along the north boundary line of the subject property;

Beginning at the southeast corner of the herein described tract, said point being a 3/4" iron pipe set in the north right-of-way line of Curd Road, 30 feet from its centerline and being in the east side of an existing driveway entrance road;

Thence with a new division line established this survey and traversing across the grantors property, N 14 deg. 46' 05" W-2418.27 feet to an existing 3/4" iron pipe and cap #2236, said point being a common corner between this grantor and the Anthony Ham property (Deed book 308, Page 377);

Thence along the common boundary line north 89 deg. 43' 27. west-1390.60 feet to an existing 3/4" iron pipe & cap found by a corner stone, said point being a northwest corner of the parent tract of land;

Thence, along the east side of the Wendall Norwood property and the Jane Willie property, (deed book 216, page 634) as follows, S 3 deg. 27' 43" W-486.80 feet to a 3/4" iron pipe set at the base of a 22" Oak tree and fence corner,

Thence, S 3 deg. 47'38" E-404.03 feet to a 3/4" iron pipe set by a crosstie post and fence corner,

Thence, continuing along the north side of the Willie property, S 86 deg. 17' 54" E-851.81 feet to a 3/4" iron pipe set by a crosstie post and fence corner;

Thence, along the east side of the Langston O'Bryan property (deed book 77, page 585), S 40 deg. 25' 23" E-825.57 feet to a 3/4" iron pipe set by a crosstie post & fence corner;

Thence, with a line, traversing across the grantors property. S 37 deg. 10'08" E-960.72 feet to a 3/4" iron pipe set in the north right-of-way line of Curd Road,

Thence, along said north right-of-way line, a sharp curve to the right, having a radius of 250.00 feet, a length of 44.50 feet subtended by a straight chord bearing of S 80 deg. 58' 02" E-44.45 feet back to the point of beginning.

Containing 45.27 acres according to a survey by James E. Stevenson, PLS NO. 2236, with J.E. Stevenson & Associates, on September 24, 1999.

Being The Same Property Conveyed To Amy Katherine Lovett Riley And Timothy Lake Riley, Wife And Husband, Grantee, From John E. Nimmo And Wife, Ruth Nimmo, Trustees for The Nimmo Living Trust Dated March 12, 1997, Grantor, By Deed Recorded 11/08/1999, as Book 315, Page 39 of the county records.

AND

Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, page 585), thence, North 84° 30' 05" West, 858 feet to a point in the fence line; thence, in a Northerly direction, approximately 415 feet to a White Oak tree located on the southeast corner of the Wendell Norwood property, thence, South 84° 26' 59" East. 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, page 483); thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

Being the same property conveyed to Amy Katherine Lovett Riley and husband, Timothy Lake Riley, jointly and equally with right of remainder in fee simple title to the survivor of them, from Jerry Franklin Lovett, II and Amy Katherine Lovett Riley, and husband, Timothy Lake Riley, Grantors, recorded 07/19/1999 as Book 311 Page 631 of the county records.

AND

TRACT 1

One lot or parcel of land off the Bern Lovett Homeplace and which lot is more particularly described as follows:

Beginning at a stake placed at the intersection of an old lane and a 40 foot driveway, which driveway runs in a northeasterly direction, and said beginning corner being west of the Alfred McGrew property (now 'owned by Jerry Lovett); thence, with said beginning point running in a northeasterly direction following the 40 foot driveway a distance of 168 feet to a stake, thence, in a Westerly direction a distance of 181 feet to a stake; thence, in a Southerly direction a distance of 88 feet to a stake placed in the boundary line of an old land owned by Kelly Means; thence, in an Easterly direction and with the old lane a distance of 182 feet to the point of beginning.

TRACT 2

Being a tract of land in Marshall County, Kentucky, northeast of Hardin approximately 2 miles north of the intersection of Hwy 80 and Hwy. 1364 on the north side of Walnut Grove-Olive Rd. and more particularly described as beginning at a 1/2 inch rebar (set) in the north 20 ft right-of-way line of said road approximately 1460 ft. west of Hwy 1364; thence North 43 degrees 46 minutes 51 seconds East 724.22 ft. and severing the land of Bill Weir (D.B 198 p. 613), a division line established by this survey, to a 1/2 inch rebar (found), the southwest corner of Steven Wood (D.B, 241 0 P 689); thence with the south and east boundary of Wood marked with 3/8 inch rebar pins and a fence as follows; North 77 degrees 55 minutes 49 seconds East 301.59 ft. North 21 degrees 22 minutes 11 seconds West 357.55 ft South 61 degrees 00 minutes 49 seconds West 103.40 ft. North 26 degrees 45 minutes 11 seconds West 322.12 ft. North 07 degrees 56 minutes 21 seconds East 48.76 ft. North 44 degrees 20 minutes 02 seconds East 319.26 ft. to a 3/8 inch rebar (found) in the west 25 ft. right-of-way of Hwy. 1364 at the northeast corner of Wood; thence with said right-of-way as follows: South 44 degrees 27 minutes 51 seconds East-222.73 ft. South 29 degrees 07 minutes 00 seconds East 322.76 ft. South 13 degrees 33 minutes 00 seconds East 1144.70 to the north corner of a church lot, thence south 44 degrees 09 minutes 00 seconds West 299.08 ft to a point in the north right-of-way of Walnut Grove-Olive Rd.; thence-with said right-of-way as follows; North 57 degrees 06 minutes 00 seconds West-234.54 ft North 63 degrees 06 minutes 00 seconds West 307.24 ft. North 83 degrees 08 minutes 00 seconds West 342.45 North 82 degrees 50 minutes 04 seconds West 223.89 ft to the point of beginning and containing 21.4755 acres.

TRACT 3

Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, page 585); thence, North 84° 30' 05" West. 858 feet to a point in the fence line; thence, in a Northerly direction, approximately 415 feet to a White Oak tree located on the southeast corner of the Wendell Norwood property. thence, South 84° 26' 59" East 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, page 483), thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

TRACT 4

PARCEL NO. 1

One-half (1/2) acre, more or less, lying on the North side of the Olive-Aurora Road and more particularly bounded and described as follows. Beginning at a point in the North line of the above mentioned road, which point is the Southwest corner of the parcel herein conveyed and the Southeast corner of a tract of land now owned by Langston O'Bryan, Running thence, North with O'Bryan's East line 5 21/2 yards to an iron stake, thence, in a southeasterly direction to another stake which is 17 1/2 yards North of the Olive-Aurora road, thence, South 17 1/2 yards to the north line of the road. thence West with the North line of the road 70 yards to the place of beginning.

PARCEL NO. 2

Beginning at a point in the Northwest corner of the intersection of Highway 1364 and the Olive-Walt Road, thence, in a Northeasterly direction along the West edge of Highway 1364 approximately 2,640 feet to a point which is a common corner to the Buford property and the property herein conveyed; thence, in a Northwesterly direction along the Buford line, following a lane, approximately 340 feet to a point, thence, in a Southwesterly direction along the Buford line to a point, which is a common corner to the Means' property, the Buford property and the tract herein conveyed; thence, in a Southwesterly direction along the Means line approximately 660 feet to a common corner of the Vernon Lovett property and the property herein conveyed. thence, in a Southeasterly direction along Vernon Lovett's line approximately 990 feet. thence, in a Southwesterly direction along Vernon Lovett's line approximately 1,155 feet to the Olive-Wall Road; thence, along the East edge of the Olive-Wall Road in a Southeasterly direction 330 feet to a point where said road turns to the East; thence, continuing along the North edge of the Olive-Wall Road in a Northeasterly direction approximately 1,980 feet to the point of beginning, and containing 35 acres, more or less.

PARCEL NO. 3

Unit No. 1

Beginning at a stone on Clay Henson's line, same being the Northwest corner of the tract of land herein conveyed, thence N. 85° 30' E. 1517 feet to a ditch, thence, with the meanders of said ditch, South 1518 feet; thence, S. 17° W 654 feet; thence, S. 54° W 200 feet, thence, S 18° W 200 feet, thence, S. 57° W. 190 feet; thence, S. 75°W 150 feet, thence, S 30° W 275 feet to a point in center of said of said ditch; thence leaving said ditch South 14°W 432 feet to a point in roadway; thence N 44° W. 400 feet to a point thence N 5° W 2751 feet to the place of beginning.

The above description is per survey of Oscar Shemwell, surveyor, made on November 1, 1951.

Unit No 2

The East half of the S.W Qr Of Sec, 17 T 4 R 5 E containing 80 acres, more or less, and known as the John Collie land, and being the same deeded to J. W. Barnett by Leamon C. Cloys by Deed of date June 5, 1905, and of record in Deed Book No 32,

page 11, of the County Court Clerk's Office of Marshall County, Kentucky, and the same land conveyed to J G Thompson by deed - see Deed Book 33, page 98. THERE IS EXCEPTED from the above half Quarter forty acres off of the North end conveyed to Nolan L. Wyatt by J. G. Thompson by deed dated September 30, 1918, of record in Deed Book No 42, page 591, Marshall County Court Clerk's Office. Also conveyed is a roadway 16' wide extending from the land herein conveyed across the Reba Lovett land and the Hollie land to the new T V. A Highway.

Unit No. 3

A tract of land bounded as follows: Beginning where the Benton and Aurora road crosses the Curd Road, running with the Curd Road North 50 degrees East to a stone, the northwest corner of Lot No 5, thence, 40° W. 50 poles to a post oak tree, thence, South 50° West to the Benton and Aurora Road; thence, with said road to the beginning, containing forty-five (45) acres, more or less.

ALSO A tract of land described as follows: Beginning at the Northwest corner of the above described tract; thence, with W.L.Y. Chandler's line and W.T. Burpoe's line in a northerly direction to Florence Lee's corner, thence, East with Florence Lee's line to her southeast corner, thence, in a Southerly direction to a rock corner; thence, with the North line of the above described tract to the beginning, containing twenty-five (25) acres, more or less

EXCEPT One-half acre, more or less, lying on the North side of the Olive-Aurora Road, and more particularly bounded and described as follows: Beginning at a point in the North line of the above mentioned road which point is the southwest corner of the parcel herein conveyed and the southeast corner of a tract of land now owned by Langston O'Bryan's running thence North with O'Bryan's east line 52 1/2 yards to an iron stake; thence in a southeasterly direction to another stake which is 17 1/2 yards North of the Olive-Aurora Road, thence, South 12 1/2 yards to the North line of the road 70 yards to the place of beginning. (See Deed Book 84, page 254)

EXCEPTION. The Grantors except from this conveyance and reserve and retain for themselves the following described property: Beginning at the intersection of the center lines of the Benton-Aurora Road and the Curd Road; thence North with the center line of Curd Road approximately 242 feet to a point opposite a new woven wire fence, thence, West along the line of said new fence approximately 190 feet to a corner fence post; thence South with a new woven wire fence approximately 250 feet to the center line of the Benton-Aurora Road, thence East with the center line of said Benton-Aurora Road to the beginning, subject to such rights as may be vested in the state, county or general public in and to said road rights-of-way.

PARCEL NO 4

A tract of land containing 15 acres, more or less, and more fully described as follows. Beginning at a point on the Curd Road, at the Southeast corner of the tract herein conveyed, also on the line Alfred McGrew, and thence, running North with Alfred McGrew's West line to the Northeast corner of the tract herein conveyed; thence, running with the ditch westerly to a fence and to the Northwest corner of the tract herein conveyed, which is also on the Burpoe Old line; thence, South with the line of Joe Lovett to the Curd Road, Southwest corner of the tract herein conveyed, thence, East with the Curd Road to the place of beginning

Also conveyed herewith are the Grantors' rights in and to a road approximately 15 to 16 feet wide along the former east line of the Joe Lovett property

Being the same property conveyed to Amy Katherine Lovett Riley, and husband Timothy Lake Riley, Jointly and equally with right of remainder in fee simple title to the survivor of the Grantees, from Jerry F. Lovett, II, single Amy Katherine Lovett Riley and husband, Timothy Lake Riley, Grantors, by deed recorded 06/24/1998 as Book 303 Page 578 of the Marshall County records.

AND

Beginning at a point on the southwest line of the Jerry Lovett property and the northerly most point of the Langston O'Bryan property (Deed Book 77, page 585); thence, North 84° 30' 05" West, 858 feet to a point in the fence line; thence, in a Northerly direction, approximately 415 feet to a White Oak tree located on the southeast corner of the Wendell Norwood property; thence, South 84° 26' 59" East, 509.55 feet to a point in the southwest line of the former Jerry Lovett tract (Deed Book 197, page 483); thence, South 39° 00' 37" East, 565.05 feet along the southeast line of the Jerry Lovett tract to the point of beginning. The said property contains approximately 6.5 acres.

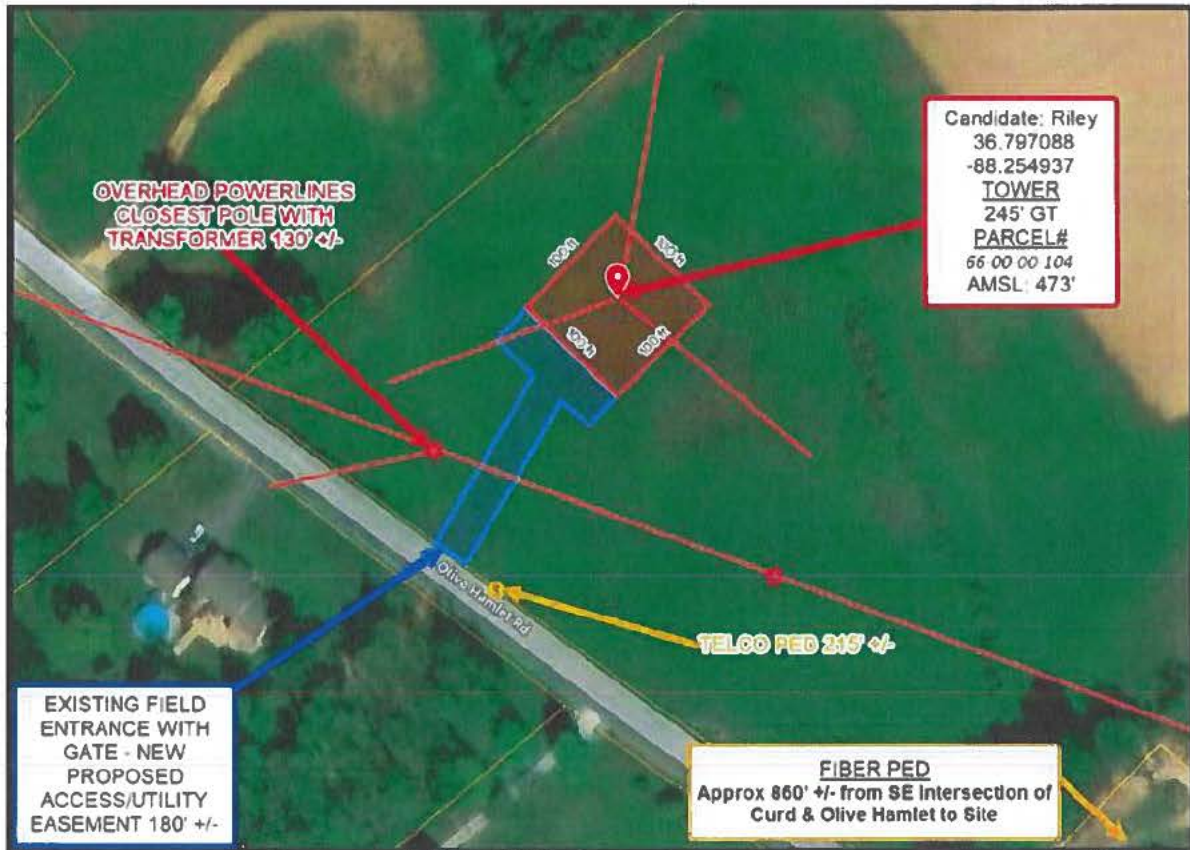
Being the same property conveyed to Amy Katherine Lovett Riley and Jerry F. Lovett II, Grantees, by Deed from Jackie Willie and Jane Willie, his wife, and Ruth Nimmo and John Nimmo, her husband, Grantors, by deed recorded 05/22/1998 as Book 302 Page 686 of the Marshall County records.

Tax ID: 66-00-00-104

EXHIBIT B

DESCRIPTION OF PREMISES

Legal description of the Premises and Easements may be provided on a new **Exhibit B** prior to exercise of Option per Paragraph 1(c). Initials by Lessor and Lessee at the bottom of the new **Exhibit B** will constitute approval thereof.



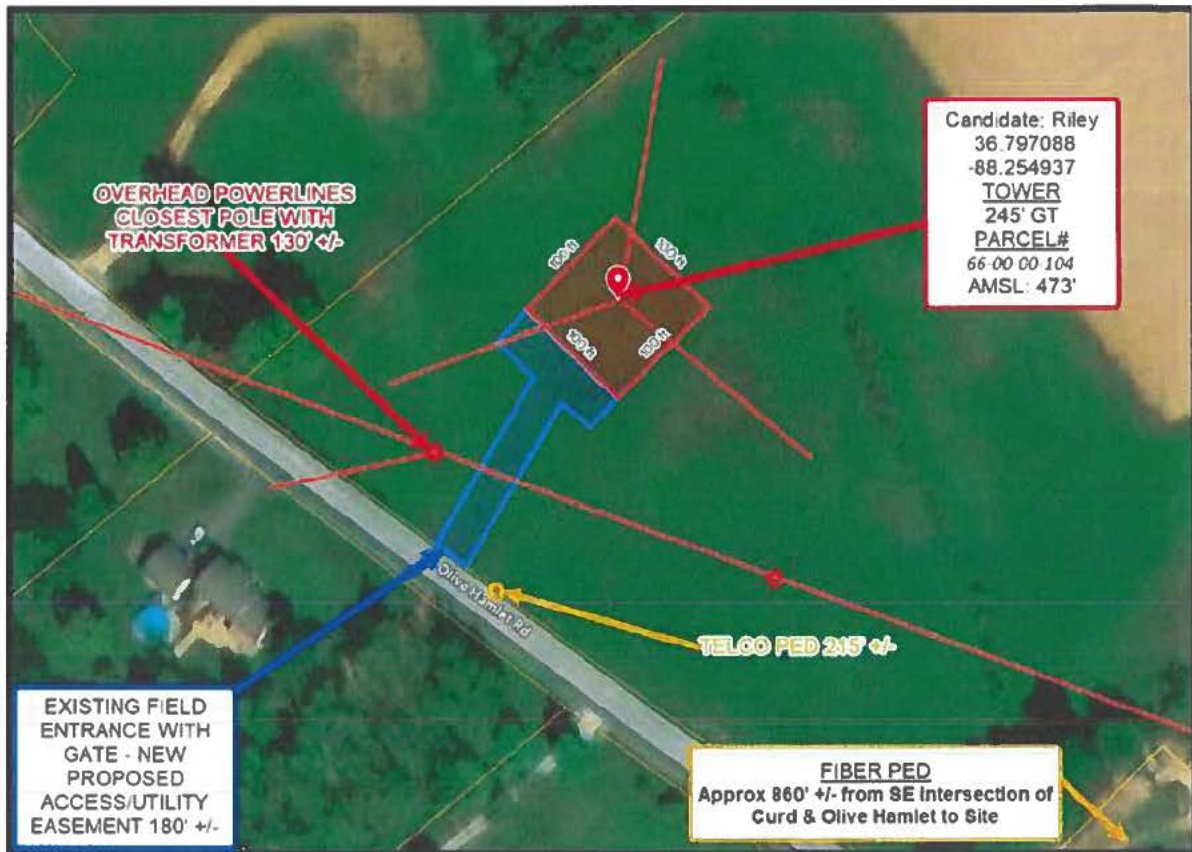
Notes:

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

SITE PLAN

To be verified by survey prior to Exercise of Option per Paragraph 1(c).



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 J

**NOTIFICATION LIST
PVA RECORDS
PROOF OF NOTICE**

EV Olive Hamlet – Notice List

66-00-00-017.

RALPH ROWE, ZELLA ROWE
3485 OLD OLIVE ROAD
BENTON, KY 42025

66-00-00-018.01

DAVID NORWOOD
3679 OLD OLIVE ROAD
BENTON, KY 42025

66-00-00-027.

JANE WILLIE, JACK WILLIE
4727 OLIVE HAMLET ROAD
HARDIN, KY 42048

66-00-00-095.

RUSSELL MORTON, MICHELLE A KELLEY
5204 OLIVE HAMLETT ROAD
HARDIN, KY 42048

66-00-00-098.

STEPHEN WELLS, SARAH JACOBS
5256 OLIVE HAMLET ROAD
HARDIN, KY 42048

66-00-00-099.

LEE PARTIN, MICHAEL HAMMETT
5150 OLIVE HAMLET ROAD
HARDIN, KY 42048

66-00-00-100.00M00

TIM OBRYAN
4920 OLIVE HAMLET ROAD
HARDIN, KY 42048

66-00-00-103.

JIMMIE OBRYAN
789 LIBERTY SCHOOL ROAD
BENTON, KY 42025

66-00-00-104.

AMY L RILEY, TIMOTHY L RILEY
2941 CURD ROAD
BENTON, KY 42025

66-00-00-105.

JONATHAN M ROSS
2682 CURD ROAD
BENTON, KY 42025

66-00-00-110.

DAVID L LOVETT, VIRGINA L LOVETT
1262 PALMA ROAD
BENTON, KY 42025

66-00-00-116.

DIANNA HAWKINS
3026 CURD ROAD
BENTON, KY 42025

66-00-00-124.

JAMES LOVETT, PAULETTE LOVETT
3490 OLIVE CREEK ROAD
BENTON, KY 42025

66-00-00-126.

KELLI BATHON, JASON BATHON
3241 CURD ROAD
BENTON, KY 42025

66-00-00-127.

WILLIAM L BUFFORD
3435 OLIVE CREEK ROAD
BENTON, KY 42025

66-00-00-131.

GUNNER WAYNE THOMPSON
3375 OLIVE CREEK ROAD
BENTON, KY 42025

66-00-00-132.

SHARON HENSON
3245 OLIVE CREEK ROAD
BENTON, KY 42025

66-00-00-133.

DAVID ALLEN DUNCAN
3105 OLIVE CREEK ROAD
BENTON, KY 42025

EV Olive Hamlet – Notice List

66-00-00-136.

WYATT TIMOTHY RILEY
2941 CURD ROAD
BENTON, KY 42025

66-00-00-137.

ARISA JAMESON, ROBERT LYNN JAMESON
711 OSCAR BROWN LANE
BENTON, KY 42025

66-00-00-137.02M00

ZAKERY L RILEY
552 OSCAR BROWN LANE
BENTON, KY 42025

66-00-00-137.03

TIMOTHY LAKE RILEY, AMY KATHERINE
RILEY
2941 CURD ROAD
BENTON, KY 42025

66-00-00-138.

KANDIS CORNWELL, RANDALL
CORNWELL
5283 OLIVE HAMLET ROAD
HARDIN, KY 42048

Marshall County, KY

Summary

Map Number 66-00-00-017.
Account Number 269580
Property Address 3485 OLD OLIVE RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 19.36
Property Code FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
RALPH ROWE, ZELLA ROWE	100	JOINTLY WITH SURVIVORSHIP	3485 OLD OLIVE	BENTON	KY	42025

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
532	341	04/16/2026	04/20/2026	\$0	NOT STATED
397	548	05/04/2010	05/05/2010	\$136,174	NOT STATED
236	512	03/31/1989		\$0	

Residential Buildings

Address	3485 OLD OLIVE RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	SITE BUILT HOME	First Floor Area	2302
Improvement Code		Second Floor Area	0
Year Built	1992	Third Floor Area	0
Building Value	\$200,000	Half Story Area	352
Quality	GOOD	Units	1
Air Conditioning	HVAC	Bedrooms	3
Heating	HVAC	Half Baths	1
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	1
Exterior Walls	100% - SIDING, METAL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	WOOD DECK; UNKNOWN		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$5,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	0
Exterior Walls	100% - SIDING, WOOD	Total Rooms	
Foundation	100% - UNKNOWN		
Porch Type			
Basement Sq ft			

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$80,000.00
Improvement FCV	\$205,000.00
Total FCV	\$285,000.00
Exempt Amount	\$49,100.00
Ag Exemption	\$74,259.00
Total Taxable	\$161,641.00
Exemption	HOMESTEAD EXEMPTION
Ag Value	\$5,741.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	17162	\$161,641	\$1,601.86
2024	17143	\$164,391	\$1,653.77
2022	17187	\$104,241	\$1,128.92
2021	17852	\$104,241	\$1,142.98
2020	17781	\$106,527	\$1,176.82

No data available for the following modules: Tax History, Sales, Deeds, Commercial/Ag Buildings, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

The MARSHALL COUNTY PROPERTY VALUATION ADMINISTRATOR makes every effort to produce and publish the most current and accurate information possible. Sale price, sale date, and property characteristics are not verified data and may contain errors. Ownership, legal description, and valuations are believed to be accurate. If you have specific knowledge about a property and you believe some or all data contained on this web page to be incorrect, please contact our office.
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Marshall County, KY

Summary

Map Number 66-00-00-018.01
Account Number 610040
Property Address 3679 OLD OLIVE RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 26.63
Property Code FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
DAVID NORWOOD	100	FEE SIMPLE	3679 OLD OLIVE	BENTON	KY	42025

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
326	101	05/16/2001	05/23/2001	\$0	10000

Residential Buildings

Address	3679 OLD OLIVE RD	Garage Type	ATTACHED GARAGE
Improvement Number	1	Garage Sq ft	600
Improvement Type	SITE BUILT HOME	First Floor Area	1856
Improvement Code		Second Floor Area	0
Year Built	2009	Third Floor Area	0
Building Value	\$220,000	Half Story Area	690
Quality	EXCELLENT	Units	1
Air Conditioning	HVAC	Bedrooms	3
Heating	HVAC	Half Baths	1
Roof Type	100% - FORMED METAL WITH SEAMS	Full Baths	2
Exterior Walls	75% - BRICK VENEER; 25% - SIDING, VINYL	Total Rooms	
Foundation	100% - SLAB		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	3	Garage Sq ft	
Improvement Type	ADDITIONAL STRUCTURE	First Floor Area	516
Improvement Code		Second Floor Area	0
Year Built	2024	Third Floor Area	0
Building Value	\$10,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning		Bedrooms	0
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	
Building Value	\$20,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	1,800
Perimeter	180
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	Yes

Photos





Valuation

Assessed Year	2026
Land Value FCV	\$100,000.00
Improvement FCV	\$250,000.00
Total FCV	\$350,000.00
Exempt Amount	\$0.00
Ag Exemption	\$91,999.00
Total Taxable	\$258,001.00
Exemption	
Ag Value	\$8,001.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	14768	\$258,001	\$2,556.78
2024	14770	\$258,001	\$2,595.48
2022	14789	\$186,001	\$2,014.38
2021	15300	\$186,001	\$2,039.49
2020	15242	\$187,534	\$2,071.66

No data available for the following modules: Tax History, Sales, Deeds, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-027.
Account Number	798450
Property Address	
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	49.82
Property Code	FARM PROPERTY

Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
JANE WILLIE, JACK WILLIE	100	JOINTLY WITH SURVIVORSHIP	4727 OLIVE HAMLET	HARDIN	KY	42048

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
2/3/2005	\$75,000	WILLIE JANE	WILLIE	355-336

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
460	321	06/07/2018	06/11/2018	\$0	NOT STATED
355	683	02/25/2005	03/03/2005	\$0	92000
355	336	02/03/2005	02/09/2005	\$0	92000
216	634	07/07/1986		\$34,320	

Valuation

Assessed Year	2026
Land Value FCV	\$150,000.00
Improvement FCV	
Total FCV	\$150,000.00
Exempt Amount	\$0.00
Ag Exemption	\$133,215.00
Total Taxable	\$16,785.00
Exemption	
Ag Value	\$16,785.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	21988	\$32,159	\$318.69
2024	21974	\$32,159	\$323.52
2022	21960	\$32,159	\$348.28
2021	22809	\$32,159	\$352.64
2020	22676	\$37,111	\$409.97

No data available for the following modules: Tax History, Deeds, Residential Buildings, Commercial/Ag Buildings, Photos, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-095.
Account Number 973350
Property Address 5204 OLIVE HAMLET RD
HARDIN, KY 42048
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 10.55
Property Code FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
RUSSELL MORTON, MICHELLE A KELLEY	100	JOINTLY WITH SURVIVORSHIP	5204 OLIVE HAMLETT	HARDIN	KY	42048

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
6/28/2016	\$167,500	HARRISON JOE B AND JEANIE	MORTON RUSSELL AND MICHELLE A KELLEY	444-108

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
444	108	06/28/2016	06/29/2016	\$167,500	NOT STATED
396	99	02/05/2010	02/06/2010	\$82,718	NOT STATED
289	567	09/20/1996		\$0	

Residential Buildings

Address	5204 OLIVE HAMLET RD	Garage Type	CARPORT - GABLE ROOF
Improvement Number	1	Garage Sq ft	420
Improvement Type	SITE BUILT HOME	First Floor Area	840
Improvement Code		Second Floor Area	0
Year Built	1997	Third Floor Area	0
Building Value	\$75,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	
Heating	HVAC	Half Baths	
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	
Building Value	\$20,000
Air Conditioning	
Heating	
Exterior Walls	100% - STUD WALL - METAL SIDING
Building Sq ft	1,920
Perimeter	176
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$75,000.00
Improvement FCV	\$95,000.00
Total FCV	\$170,000.00
Exempt Amount	\$0.00
Ag Exemption	\$69,646.00
Total Taxable	\$100,354.00
Exemption	
Ag Value	\$5,354.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	14207	\$100,354	\$994.52
2024	14212	\$100,354	\$1,009.58
2022	14219	\$100,354	\$1,086.84
2021	14718	\$100,354	\$1,100.38
2020	14662	\$101,578	\$1,122.13

No data available for the following modules: Tax History, Deeds, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-098.
Account Number 1127990
Property Address 5256 OLIVE HAMLET RD
HARDIN, KY 42048
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 1.29
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
STEPHEN WELLS, SARAH JACOBS	100	JOINTLY WITH SURVIVORSHIP	5256 OLIVE HAMLET	HARDIN	KY	42048

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
7/25/2024	\$148,500	HENDERSON DIANA L	WELLS STEPHEN AND SARAH JACOBS	517-164

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
517	164	07/25/2024	08/05/2024	\$148,500	NOT STATED
493	387	01/07/2022	01/13/2022	\$102,600	NOT STATED
442	357	04/01/2016	04/18/2016	\$49,900	NOT STATED
423	89	09/16/2013	09/19/2013	\$34,499	NOT STATED
421	302	05/28/2013	07/02/2013	\$43,334	NOT STATED
383	669	05/28/2008		\$88,500	
350	168	06/14/2004		\$35,000	
269	562	04/14/1994		\$31,000	

Residential Buildings

Address	5256 OLIVE HAMLET RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	SITE BUILT HOME	First Floor Area	1080
Improvement Code		Second Floor Area	0
Year Built	1925	Third Floor Area	0
Building Value	\$128,500	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	2
Heating	HVAC	Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	1
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	UNKNOWN		
Basement Sq ft	0		

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$20,000.00
Improvement FCV	\$128,500.00
Total FCV	\$148,500.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$148,500.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	21542	\$148,500	\$1,471.66

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-099.
Account Number 853240
Property Address 5150 OLIVE HAMLET RD
HARDIN, KY 42048
Tax District 12 - FAIRDEALING
Subdivision
Acres 2.8
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
LEE PARTIN, MICHAEL HAMMETT	100	JOINTLY WITH SURVIVORSHIP	5150 OLIVE HAMLET	HARDIN	KY	42048

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
12/4/2009	\$135,000	EDWARDS	HAMMETT	394-439

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
394	439	12/04/2009	12/09/2009	\$135,000	NOT STATED
183	249	11/16/1979		\$1,200	

Residential Buildings

Address	5150 OLIVE HAMLET RD	Garage Type	ATTACHED GARAGE
Improvement Number	1	Garage Sq ft	600
Improvement Type	SITE BUILT HOME	First Floor Area	1200
Improvement Code		Second Floor Area	0
Year Built	1984	Third Floor Area	0
Building Value	\$105,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	3
Heating	HVAC	Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	2
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built	2005	Third Floor Area	
Building Value	\$9,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	0
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type			
Basement Sq ft			

Address	0 NONE	Garage Type	
Improvement Number	3	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$13,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	0
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	0
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type			
Basement Sq ft			

Address	0 NONE	Garage Type	
Improvement Number	4	Garage Sq ft	
Improvement Type	ADDITIONAL STRUCTURE	First Floor Area	
Improvement Code		Second Floor Area	0
Year Built		Third Floor Area	0
Building Value	\$1,000	Half Story Area	0
Quality	AVERAGE	Units	0
Air Conditioning		Bedrooms	0
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	0
Exterior Walls	100% - NONE	Total Rooms	0
Foundation	100% - POST AND PIER		
Porch Type	NONE		
Basement Sq ft	0		

Photos



Improvement 1



Improvement 2



Improvement 3



Improvement 4

Valuation

Assessed Year	2026
Land Value FCV	\$12,000.00
Improvement FCV	\$128,000.00
Total FCV	\$140,000.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$140,000.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	8371	\$140,000	\$1,387.40
2024	8341	\$140,000	\$1,408.40
2022	8347	\$140,000	\$1,516.20
2021	8650	\$140,000	\$1,535.10
2020	8621	\$140,000	\$1,546.58

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-100.00M00
Account Number 56490
Property Address 4920 OLIVE HAMLET RD
HARDIN, KY 42048
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 2.66
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
TIM OBRYAN	100	FEE SIMPLE	4920 OLIVE HAMLET	HARDIN	KY	42048

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
266	626	10/26/1993	10/27/1993	\$0	2100

Residential Buildings

Address	4920 OLIVE HAMLET RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	MOBILE HOME	First Floor Area	784
Improvement Code		Second Floor Area	0
Year Built	1990	Third Floor Area	0
Building Value	\$15,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning		Bedrooms	2
Heating		Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	1
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - NON PERMANENT		
Porch Type	NONE		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	4	Garage Sq ft	
Improvement Type	STORAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$2,000	Half Story Area	
Quality	UNKNOWN	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	
Roof Type	100% - UNKNOWN	Full Baths	
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - UNKNOWN		
Porch Type			
Basement Sq ft			

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	
Building Value	\$15,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	1,500
Perimeter	160
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Address	0 NONE
Improvement Number	3
Improvement Code	F - FARM
Year Built	2019
Building Value	\$5,000
Air Conditioning	
Heating	
Exterior Walls	100% - STUD WALL - METAL SIDING
Building Sq ft	1,500
Perimeter	160
Construction Type	WOOD FRAME AND METAL WALLS (POLE FRAME)
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Photos



Improvement 1



Improvement 2



Improvement 3



Improvement 4

Valuation

Assessed Year	2026
Land Value FCV	\$15,000.00
Improvement FCV	\$37,000.00
Total FCV	\$52,000.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$52,000.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	14890	\$52,000	\$515.32
2024	14886	\$52,000	\$523.12
2022	14908	\$33,000	\$357.39
2021	15422	\$33,000	\$361.85
2020	15366	\$33,000	\$364.56

No data available for the following modules: Tax History, Sales, Deeds, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-103.
Account Number	719850
Property Address	
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	58.25
Property Code	FARM PROPERTY

Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
JIMMIE OBRYAN	100	FEE SIMPLE	789 LIBERTY SCHOOL	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
3/11/2003	\$138,242	OBRYAN	OBRYAN	339-585

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
339	585	03/26/2003	03/26/2003	\$0	NOT STATED
187	188	10/06/1980		\$16,000	

Valuation

Assessed Year	2026
Land Value FCV	\$180,000.00
Improvement FCV	
Total FCV	\$180,000.00
Exempt Amount	\$0.00
Ag Exemption	\$155,322.00
Total Taxable	\$24,678.00
Exemption	
Ag Value	\$24,678.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	14875	\$24,678	\$244.56
2024	14873	\$24,678	\$248.26
2022	14894	\$24,678	\$267.26
2021	15407	\$24,678	\$270.60
2020	15351	\$29,724	\$328.36

No data available for the following modules: Tax History, Deeds, Residential Buildings, Commercial/Ag Buildings, Photos, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-104.
Account Number	36340
Property Address	2941 CURD RD
	BENTON, KY 42025
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	234.19
Property Code	FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
AMY L RILEY, TIMOTHY L RILEY	100	JOINTLY WITH SURVIVORSHIP	2941 CURD	BENTON	KY	42025

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
315	44	11/05/1999		\$0	
311	631	07/19/1999	07/20/1999	\$0	1500
303	578	06/19/1998	06/24/1998	\$0	100000

Residential Buildings

Address	2941 CURD RD	Garage Type	ATTACHED GARAGE
Improvement Number	1	Garage Sq ft	832
Improvement Type	SITE BUILT HOME	First Floor Area	2680
Improvement Code		Second Floor Area	0
Year Built	2000	Third Floor Area	0
Building Value	\$200,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	
Heating	HVAC	Half Baths	
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	
Exterior Walls	75% - BRICK VENEER; 25% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	7	Garage Sq ft	
Improvement Type	STORAGE	First Floor Area	48
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$2,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	
Roof Type	100% - RIBBED METAL	Full Baths	
Exterior Walls	100% - SIDING, WOOD	Total Rooms	
Foundation	100% - POST AND PIER		
Porch Type			
Basement Sq ft			

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	2003
Building Value	\$52,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	4,464
Perimeter	268
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	Yes

Address	0 NONE
Improvement Number	3
Improvement Code	F - FARM
Year Built	1999
Building Value	\$6,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	3,000
Perimeter	220
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Address	0 NONE
Improvement Number	4
Improvement Code	F - FARM
Year Built	2019
Building Value	\$24,000
Air Conditioning	
Heating	
Exterior Walls	100% - STUD WALL - METAL SIDING
Building Sq ft	3,000
Perimeter	220
Construction Type	WOOD FRAME AND METAL WALLS (POLE FRAME)
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Address	0 NONE
Improvement Number	5
Improvement Code	C - COMMERCIAL
Year Built	2024
Building Value	\$315,000
Air Conditioning	100% - UNKNOWN
Heating	100% - UNKNOWN
Exterior Walls	100% - UNKNOWN
Building Sq ft	62,212
Perimeter	
Construction Type	METAL FRAME AND WALLS
Stories	1
Elevators	0
Parking Spaces	0
Grade	AVERAGE
Fuel	
Sewer	
Water	Yes
Electric Energy	Yes

Address	0 NONE
Improvement Number	6
Improvement Code	F - FARM
Year Built	2024
Building Value	\$12,000
Air Conditioning	
Heating	
Exterior Walls	100% - CONCRETE BLOCK
Building Sq ft	1,200
Perimeter	160
Construction Type	MASONRY BEARING WALLS
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$1,000,000.00
Improvement FCV	\$611,000.00
Total FCV	\$1,611,000.00
Exempt Amount	\$0.00
Ag Exemption	\$913,437.00
Total Taxable	\$697,563.00
Exemption	
Ag Value	\$86,563.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	16634	\$713,706	\$7,072.83
2024	16609	\$384,706	\$3,870.14
2022	16649	\$358,706	\$3,884.79
2021	17305	\$358,706	\$3,933.22
2020	17239	\$359,676	\$3,973.35

No data available for the following modules: Tax History, Sales, Deeds, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-105.
Account Number 960280
Property Address 2682 CURD RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 9.67
Property Code FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
JONATHAN M ROSS	100	FEE SIMPLE	2682 CURD	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
12/15/2015	\$85,000	COLSON JERILYN A	ROSS JONATHAN M	440-145

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
440	145	12/15/2015	12/21/2015	\$85,000	NOT STATED
433	159	01/20/2015	01/30/2015	\$0	NOT STATED
433	160	01/20/2015	01/30/2015	\$0	78012
163	489	04/10/1976	04/13/1976	\$4,000	NOT STATED

Residential Buildings

Address	2682 CURD RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	SITE BUILT HOME	First Floor Area	1096
Improvement Code		Second Floor Area	0
Year Built	1976	Third Floor Area	0
Building Value	\$53,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	2
Heating	HVAC	Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	2
Exterior Walls	100% - BRICK VENEER	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	UNKNOWN		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	3	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$5,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	0
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - UNKNOWN		
Porch Type			
Basement Sq ft			

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	
Building Value	\$5,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	2,000
Perimeter	180
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Photos



Improvement 1



Improvement 2



Improvement 3

Valuation

Assessed Year	2026
Land Value FCV	\$50,000.00
Improvement FCV	\$63,000.00
Total FCV	\$113,000.00
Exempt Amount	\$0.00
Ag Exemption	\$47,058.00
Total Taxable	\$65,942.00
Exemption	
Ag Value	\$2,942.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	17099	\$76,942	\$762.50
2024	17076	\$76,942	\$774.03
2022	17120	\$75,942	\$822.46
2021	17780	\$75,942	\$832.72
2020	17710	\$76,492	\$845.01

No data available for the following modules: Tax History, Deeds, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-110.
Account Number 1135620
Property Address 2820 CURD RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 26.03
Property Code FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
DAVID L LOVETT, VIRGINA L LOVETT	100	JOINTLY WITH SURVIVORSHIP	1262 PALMA	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
1/15/2025	\$245,000	HUGHES LATHAN DILLION	LOVETT DAVID L AND VIRGINIA L	521-203

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
521	203	01/15/2025	01/16/2025	\$245,000	NOT STATED
428	446	06/13/2014	06/25/2014	\$110,000	NOT STATED
167	539	01/25/1977	01/28/1977	\$1,000	NOT STATED
164	660	07/16/1976		\$2,750	

Residential Buildings

Address	2820 CURD RD	Garage Type	CARPORT - GABLE ROOF
Improvement Number	1	Garage Sq ft	312
Improvement Type	SITE BUILT HOME	First Floor Area	1056
Improvement Code		Second Floor Area	0
Year Built	1935	Third Floor Area	0
Building Value	\$107,000	Half Story Area	0
Quality	FAIR	Units	1
Air Conditioning		Bedrooms	2
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	1
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	UNKNOWN		
Basement Sq ft	0		

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	
Building Value	\$8,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	780
Perimeter	112
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	Yes

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$130,000.00
Improvement FCV	\$115,000.00
Total FCV	\$245,000.00
Exempt Amount	\$0.00
Ag Exemption	\$122,430.00
Total Taxable	\$122,570.00
Exemption	
Ag Value	\$7,570.00

No data available for the following modules: Tax History, Deeds, Tax History, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-116.
Account Number 909730
Property Address 3026 CURD RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 1.61
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
DIANNA HAWKINS	100	FEE SIMPLE	3026 CURD	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
4/10/2013	\$30,250	SECRETARY OF HOUSING AND URBAN DEV	HAWKINS DIANNA	419-501

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
419	501	04/10/2013	04/16/2013	\$30,250	NOT STATED
417	421	11/13/2012	01/02/2013	\$61,351	NOT STATED
319	329	06/09/2000		\$57,000	

Residential Buildings

Address	3026 CURD RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	SITE BUILT HOME	First Floor Area	1056
Improvement Code		Second Floor Area	0
Year Built	1968	Third Floor Area	0
Building Value	\$45,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning		Bedrooms	3
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	2
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	UNKNOWN		
Basement Sq ft	1056		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$5,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	0
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type			
Basement Sq ft			

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$5,000.00
Improvement FCV	\$50,000.00
Total FCV	\$55,000.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$55,000.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	8745	\$55,000	\$545.05
2024	8711	\$55,000	\$553.30
2022	8727	\$36,000	\$389.88
2021	9045	\$36,000	\$394.74
2020	9018	\$30,250	\$334.20

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-124.
Account Number 36250
Property Address 3490 OLIVE CREEK RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 9.84
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
JAMES LOVETT, PAULETTE LOVETT	100	JOINTLY WITH SURVIVORSHIP	3490 OLIVE CREEK	BENTON	KY	42025

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
179	384	03/01/1979	03/05/1979	\$10	NOT STATED

Residential Buildings

Address	3490 OLIVE CREEK RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	MOBILE HOME	First Floor Area	1152
Improvement Code		Second Floor Area	0
Year Built		Third Floor Area	0
Building Value	\$35,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning		Bedrooms	
Heating		Half Baths	
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	
Exterior Walls	100% - VINYL LAP	Total Rooms	0
Foundation	100% - NON PERMANENT		
Porch Type	NONE		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$3,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	0
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type			
Basement Sq ft			

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	3
Improvement Code	F - FARM
Year Built	
Building Value	\$2,000
Air Conditioning	
Heating	
Exterior Walls	100% - STUD WALL - METAL SIDING
Building Sq ft	576
Perimeter	96
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$8,000.00
Improvement FCV	\$40,000.00
Total FCV	\$48,000.00
Exempt Amount	\$48,000.00
Ag Exemption	\$0.00
Total Taxable	\$0.00
Exemption	HOMESTEAD EXEMPTION
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	12267	\$0	\$0.00
2024	12263	\$1,650	\$16.60
2022	12286	\$6,500	\$70.41
2021	12734	\$6,500	\$71.29
2020	12670	\$7,700	\$85.06

No data available for the following modules: Tax History, Sales, Deeds, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-126.
Account Number 1012530
Property Address 3241 CURD RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 2.83
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
KELLI BATHON, JASON BATHON	100	JOINTLY WITH SURVIVORSHIP	3241 CURD	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
7/13/2018	\$192,800	HESTER CURTIS WAYNE	BATHON JASON AND KELLI	461-414

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
461	414	07/13/2018	07/19/2018	\$192,800	NOT STATED
461	410	07/12/2018	07/19/2018	\$0	176000
458	385	03/14/2018	03/15/2018	\$10	150000
458	260	02/21/2018	03/05/2018	\$0	NOT STATED
387	545	12/05/2008	12/09/2008	\$175,000	NOT STATED
365	327	03/24/2006		\$144,000	
277	655	05/03/1995		\$0	
255	640	04/13/1992		\$68,500	

Residential Buildings

Address	3241 CURD RD	Garage Type	ATTACHED GARAGE
Improvement Number	1	Garage Sq ft	728
Improvement Type	SITE BUILT HOME	First Floor Area	1976
Improvement Code		Second Floor Area	0
Year Built	1995	Third Floor Area	0
Building Value	\$173,000	Half Story Area	0
Quality	UNKNOWN	Units	1
Air Conditioning	HVAC	Bedrooms	3
Heating	HVAC	Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	2
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - POURED CONCRETE		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$10,000	Half Story Area	
Quality	UNKNOWN	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	0
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - UNKNOWN		
Porch Type			
Basement Sq ft			

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$12,000.00
Improvement FCV	\$183,000.00
Total FCV	\$195,000.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$195,000.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	1014	\$195,000	\$1,932.45
2024	1022	\$195,000	\$1,961.70
2022	1045	\$192,800	\$2,088.03
2021	1069	\$192,800	\$2,114.05
2020	1062	\$192,800	\$2,129.86

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-127.
Account Number	867580
Property Address	3435 OLIVE CREEK RD
	BENTON, KY 42025
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	10.34
Property Code	FARM PROPERTY



Improvement 1

Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
WILLIAM L BUFFORD	100	FEE SIMPLE	3435 OLIVE CREEK	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
11/1/2010	\$40,000	BUFFORD	BUFFORD	401-593

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
401	595	11/01/2010	11/15/2010	\$40,000	NOT STATED
401	593	09/20/2010		\$0	
87	104	02/23/1952		\$1	

Residential Buildings

Address	3435 OLIVE CREEK RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	SITE BUILT HOME	First Floor Area	852
Improvement Code		Second Floor Area	0
Year Built	1960	Third Floor Area	0
Building Value	\$60,000	Half Story Area	0
Quality	UNKNOWN	Units	1
Air Conditioning		Bedrooms	3
Heating		Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	2
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$2,000	Half Story Area	
Quality	UNKNOWN	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	0
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - UNKNOWN		
Porch Type			
Basement Sq ft			

Photos



Improvement 1



Improvement 2

Valuation

Assessed Year	2026
Land Value FCV	\$50,000.00
Improvement FCV	\$62,000.00
Total FCV	\$112,000.00
Exempt Amount	\$0.00
Ag Exemption	\$46,201.00
Total Taxable	\$65,799.00
Exemption	
Ag Value	\$3,799.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	2219	\$65,799	\$652.07
2024	2204	\$65,799	\$661.94
2022	2240	\$52,799	\$571.83
2021	2295	\$52,799	\$578.95
2020	2277	\$53,558	\$591.65

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-131.
Account Number	1122870
Property Address	3375 OLIVE CREEK RD
	BENTON, KY 42025
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	2.93
Property Code	RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
GUNNER WAYNE THOMPSON	100	FEE SIMPLE	3375 OLIVE CREEK	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
4/19/2024	\$130,000	PITT AMY LOUISE ET AL	THOMPSON GUNNER WAYNE	514-539

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
514	539	04/19/2024	04/22/2024	\$130,000	NOT STATED
462	624	08/22/2018	09/07/2018	\$17,303	NOT STATED
462	622	08/21/2018	09/07/2018	\$0	NOT STATED
79	427	02/26/1949	03/01/1949	\$1	NOT STATED

Residential Buildings

Address	3375 OLIVE CREEK RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	SITE BUILT HOME	First Floor Area	480
Improvement Code		Second Floor Area	0
Year Built	1969	Third Floor Area	0
Building Value	\$110,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	3
Heating	HVAC	Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	1
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	UNKNOWN		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built		Third Floor Area	
Building Value	\$5,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	0
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - SLAB		
Porch Type			
Basement Sq ft			

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$15,000.00
Improvement FCV	\$115,000.00
Total FCV	\$130,000.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$130,000.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	19930	\$130,000	\$1,288.30

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-132.
Account Number 744470
Property Address 3245 OLIVE CREEK RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 2.91
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
SHARON HENSON	100	UNKNOWN	3245 OLIVE CREEK	BENTON	KY	42025

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
34	481	03/26/2004	03/26/2004	\$0	NOT STATED

Residential Buildings

Address	3245 OLIVE CREEK RD	Garage Type	CARPORT - GABLE ROOF
Improvement Number	1	Garage Sq ft	280
Improvement Type	SITE BUILT HOME	First Floor Area	1608
Improvement Code		Second Floor Area	0
Year Built	1968	Third Floor Area	0
Building Value	\$75,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	3
Heating	HVAC	Half Baths	0
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	1
Exterior Walls	100% - BRICK VENEER	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	SLAB PORCH WITH ROOF		
Basement Sq ft	0		

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$10,000.00
Improvement FCV	\$75,000.00
Total FCV	\$85,000.00
Exempt Amount	\$49,100.00
Ag Exemption	\$0.00
Total Taxable	\$35,900.00
Exemption	HOMESTEAD EXEMPTION
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	9114	\$35,900	\$355.76
2024	9092	\$38,650	\$388.82
2022	9139	\$15,500	\$167.88
2021	9466	\$56,000	\$614.04
2020	9426	\$56,000	\$618.63

No data available for the following modules: Tax History, Sales, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-133.
Account Number 846250
Property Address 3105 OLIVE CREEK RD
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 8.7
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
DAVID ALLEN DUNCAN	100	FEE SIMPLE	3105 OLIVE CREEK	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
4/3/2009	\$0	DUNCAN	DUNCAN	389-640

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
389	640	04/03/2009	04/13/2009	\$0	50000
287	319	06/27/1996		\$3,000	

Residential Buildings

Address	3105 OLIVE CREEK RD	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	SITE BUILT HOME	First Floor Area	840
Improvement Code		Second Floor Area	0
Year Built	1979	Third Floor Area	0
Building Value	\$54,000	Half Story Area	0
Quality	UNKNOWN	Units	1
Air Conditioning	HVAC	Bedrooms	
Heating	HVAC	Half Baths	
Roof Type	100% - COMPOSITION SHINGLE	Full Baths	
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	UNKNOWN		
Basement Sq ft	1128		

Address	0 NONE	Garage Type	
Improvement Number	2	Garage Sq ft	
Improvement Type	GARAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built	2010	Third Floor Area	
Building Value	\$20,000	Half Story Area	
Quality	UNKNOWN	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	0
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - UNKNOWN		
Porch Type			
Basement Sq ft			

Address	3161 OLIVE CREEK RD	Garage Type	
Improvement Number	3	Garage Sq ft	528
Improvement Type	STORAGE	First Floor Area	
Improvement Code		Second Floor Area	
Year Built	1975	Third Floor Area	
Building Value	\$2,000	Half Story Area	
Quality	LOW	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	
Roof Type	100% - UNKNOWN	Full Baths	
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - NON PERMANENT		
Porch Type			
Basement Sq ft			

Photos





Improvement 3

Valuation

Assessed Year	2026
Land Value FCV	\$12,000.00
Improvement FCV	\$76,000.00
Total FCV	\$88,000.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$88,000.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	5626	\$88,000	\$872.08
2024	5598	\$88,000	\$885.28
2022	5615	\$88,000	\$953.04
2021	5758	\$86,000	\$942.99
2020	5726	\$86,000	\$950.05

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-136.
Account Number	1147470
Property Address	
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	79.97
Property Code	FARM PROPERTY

Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
WYATT TIMOTHY RILEY	100	FEE SIMPLE	2941 CURD	BENTON	KY	42025

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
527	161	09/17/2025	09/18/2025	\$250,000	NOT STATED
371	415	11/14/2006	11/30/2006	\$0	NOT STATED
371	227	10/27/2006		\$0	

Valuation

Assessed Year	2026
Land Value FCV	\$250,000.00
Improvement FCV	
Total FCV	\$250,000.00
Exempt Amount	\$0.00
Ag Exemption	\$218,047.00
Total Taxable	\$31,953.00
Exemption	
Ag Value	\$31,953.00

No data available for the following modules: Tax History, Sales, Deeds, Residential Buildings, Commercial/Ag Buildings, Photos, Tax History, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-137.02M00
Account Number	1009570
Property Address	552 OSCAR BROWN LN
	BENTON, KY 42025
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	34.93
Property Code	FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
ZAKERY L RILEY	100	FEE SIMPLE	552 OSCAR BROWN	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
6/11/2018	\$156,642	HAM ANTHONY AND TRESA	RILEY TIMOTHY LAKE AND AMY KATHERINE ET AL	460-495

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
518	603	09/27/2024	10/03/2024	\$0	210000
485	8	03/19/2021	03/23/2021	\$0	165000
479	41	08/12/2020	08/17/2020	\$110,000	NOT STATED
460	495	06/11/2018	06/14/2018	\$156,642	NOT STATED
308	377	02/08/1999	02/09/1999	\$47,500	NOT STATED

Residential Buildings

Address	552 OSCAR BROWN LN	Garage Type	NONE
Improvement Number	1	Garage Sq ft	
Improvement Type	MOBILE HOME	First Floor Area	1808
Improvement Code		Second Floor Area	0
Year Built	2005	Third Floor Area	0
Building Value	\$15,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	3
Heating	HVAC	Half Baths	0
Roof Type	100% - UNKNOWN	Full Baths	2
Exterior Walls	100% - VINYL LAP	Total Rooms	
Foundation	100% - NON PERMANENT		
Porch Type	WOOD DECK		
Basement Sq ft	0		

Address	0 NONE	Garage Type	
Improvement Number	3	Garage Sq ft	
Improvement Type	STORAGE	First Floor Area	192
Improvement Code		Second Floor Area	
Year Built	1980	Third Floor Area	
Building Value	\$1,000	Half Story Area	
Quality	AVERAGE	Units	
Air Conditioning		Bedrooms	
Heating		Half Baths	
Roof Type	100% - UNKNOWN	Full Baths	
Exterior Walls	100% - UNKNOWN	Total Rooms	
Foundation	100% - UNKNOWN		
Porch Type			
Basement Sq ft			

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	2002
Building Value	\$13,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	1,200
Perimeter	140
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	

Address	0 NONE
Improvement Number	4
Improvement Code	F - FARM
Year Built	2004
Building Value	\$48,000
Air Conditioning	
Heating	
Exterior Walls	100% - UNKNOWN
Building Sq ft	768
Perimeter	112
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	

Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	Yes

Photos



Improvement 1



Improvement 2



Improvement 3



Improvement 4

Valuation

Assessed Year	2026
Land Value FCV	\$140,000.00
Improvement FCV	\$77,000.00
Total FCV	\$217,000.00
Exempt Amount	\$0.00
Ag Exemption	\$129,907.00
Total Taxable	\$87,093.00
Exemption	
Ag Value	\$10,093.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	16801	\$87,093	\$863.08
2024	16783	\$87,093	\$876.16
2022	16813	\$87,093	\$943.24
2021	17459	\$87,093	\$954.99
2020	17386	\$88,926	\$982.37

No data available for the following modules: Tax History, Deeds, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number	66-00-00-137.03
Account Number	1008870
Property Address	
Tax District	12 - FAIRDEALING
Subdivision	NONE
Acres	68.81
Property Code	FARM PROPERTY

Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
TIMOTHY LAKE RILEY, AMY KATHERINE RILEY	100	JOINTLY WITH SURVIVORSHIP	2941 CURD	BENTON	KY	42025

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
4/6/2018	\$182,357	HAM ANTHONY AND TRESA	RILEY TIMOTHY LAKE AND AMY KATHERINE	459-84

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
459	84	04/06/2018	04/10/2018	\$182,357	NOT STATED

Valuation

Assessed Year	2026
Land Value FCV	\$210,000.00
Improvement FCV	
Total FCV	\$210,000.00
Exempt Amount	\$0.00
Ag Exemption	\$186,762.00
Total Taxable	\$23,238.00
Exemption	
Ag Value	\$23,238.00

Tax History

Tax Year	Bill Number	Total Taxable	Face Value
2025	16793	\$23,238	\$230.29
2024	16776	\$23,238	\$233.78
2022	16807	\$23,238	\$251.67
2021	17452	\$23,238	\$254.80
2020	17385	\$27,980	\$309.10

No data available for the following modules: Tax History, Deeds, Residential Buildings, Commercial/Ag Buildings, Photos, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-137.
Account Number 606900
Property Address 711 OSCAR BROWN LN
BENTON, KY 42025
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 124.13
Property Code FARM PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
ARISA JAMESON, ROBERT LYNN JAMESON	100	JOINTLY WITH SURVIVORSHIP	711 OSCAR BROWN	BENTON	KY	42025

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
365	29	03/07/2006	03/08/2006	\$25,000	NOT STATED
325	599	04/27/2001	05/10/2001	\$0	NOT STATED

Residential Buildings

Address	711 OSCAR BROWN LN	Garage Type	CARPORT - GABLE ROOF
Improvement Number	1	Garage Sq ft	576
Improvement Type	SITE BUILT HOME	First Floor Area	1664
Improvement Code		Second Floor Area	0
Year Built	2001	Third Floor Area	0
Building Value	\$91,000	Half Story Area	0
Quality	AVERAGE	Units	1
Air Conditioning	HVAC	Bedrooms	2
Heating	HVAC	Half Baths	1
Roof Type	100% - FORMED METAL WITH SEAMS	Full Baths	1
Exterior Walls	100% - SIDING, VINYL	Total Rooms	
Foundation	100% - CONCRETE BLOCK		
Porch Type	SLAB PORCH WITH ROOF; WOOD DECK		
Basement Sq ft	0		

Commercial/Ag Buildings

Address	0 NONE
Improvement Number	2
Improvement Code	F - FARM
Year Built	
Building Value	\$2,000
Air Conditioning	
Heating	
Exterior Walls	100% - STUD WALL - METAL SIDING
Building Sq ft	1,200
Perimeter	140
Construction Type	THE CONSTRUCTION CLASS IS UNKNOWN
Stories	
Elevators	
Parking Spaces	
Grade	AVERAGE
Fuel	
Sewer	
Water	
Electric Energy	Yes

Photos



Valuation

Assessed Year	2026
Land Value FCV	\$375,000.00
Improvement FCV	\$93,000.00
Total FCV	\$468,000.00
Exempt Amount	\$49,100.00
Ag Exemption	\$335,994.00
Total Taxable	\$82,906.00
Exemption	DISABILITY EXEMPTION
Ag Value	\$39,006.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	10340	\$82,906	\$821.60
2024	10323	\$85,656	\$861.70
2022	10371	\$122,006	\$1,321.33
2021	10754	\$122,006	\$1,337.81
2020	10686	\$122,867	\$1,357.30

No data available for the following modules: Tax History, Sales, Deeds, Comp Report Generator (Residential), Comp Report Generator (Commercial), Sketches.

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Marshall County, KY

Summary

Map Number 66-00-00-138.
Account Number 822830
Property Address 5283 OLIVE HAMLET RD
HARDIN, KY 42048
Tax District 12 - FAIRDEALING
Subdivision NONE
Acres 0.68
Property Code RESIDENTIAL PROPERTY



Address Change Form

Address Change

Owners

Owner Name	Percent Interest	Owner Type	Address	City	State	Zip
KANDIS CORNWELL, RANDALL CORNWELL	100	JOINTLY WITH SURVIVORSHIP	5283 OLIVE HAMLET	HARDIN	KY	42048

Sales

Sale Date	Sale Price	Grantor	Grantee	Book/Page
1/16/2008	\$46,000	LOVETT	CORNWELL	381-46

Deed History

Deed Book	Deed Page	Sale Date	Date Recorded	Sale Price	Stated FCV
381	46	01/16/2008	01/22/2008	\$46,000	NOT STATED
195	260	11/05/1982		\$18,000	

Residential Buildings

Address 5283 OLIVE HAMLET RD
Improvement Number 1
Improvement Type SITE BUILT HOME
Improvement Code
Year Built 1935
Building Value \$50,000
Quality AVERAGE
Air Conditioning
Heating
Roof Type 100% - COMPOSITION SHINGLE
Exterior Walls 100% - SIDING, VINYL
Foundation 100% - CONCRETE BLOCK
Porch Type SLAB PORCH WITH ROOF
Basement Sq ft 0

Garage Type NONE
Garage Sq ft
First Floor Area 1128
Second Floor Area 0
Third Floor Area 0
Half Story Area 0
Units 1
Bedrooms 3
Half Baths 0
Full Baths 2
Total Rooms

Address 0 NONE
Improvement Number 2
Improvement Type GARAGE
Improvement Code
Year Built 2016
Building Value \$5,000
Quality AVERAGE
Air Conditioning
Heating
Roof Type 100% - PREFORMED METAL
Exterior Walls 100% - SIDING, METAL
Foundation 100% - SLAB
Porch Type
Basement Sq ft

Garage Type
Garage Sq ft
First Floor Area
Second Floor Area
Third Floor Area
Half Story Area
Units
Bedrooms
Half Baths 0
Full Baths 0
Total Rooms

Photos



Improvement 1



Improvement 2



Improvement 2

Valuation

Assessed Year	2026
Land Value FCV	\$10,000.00
Improvement FCV	\$55,000.00
Total FCV	\$65,000.00
Exempt Amount	\$0.00
Ag Exemption	\$0.00
Total Taxable	\$65,000.00
Exemption	
Ag Value	\$0.00

Tax History

Tax Year	Billi Number	Total Taxable	Face Value
2025	3972	\$65,000	\$644.15
2024	3939	\$65,000	\$653.90
2022	3988	\$56,000	\$606.48
2021	4079	\$56,000	\$614.04
2020	4058	\$51,000	\$563.40

No data available for the following modules: Tax History, Deeds, Commercial/Ag Buildings, Comp Report Generator (Commercial), Comp Report Generator (Farm), Sketches.

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WILLIAM L BUFFORD
3435 OLIVE CREEK ROAD
BENTON, KY 42025

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LEE PARTIN, MICHAEL HAMMETT
5150 OLIVE HAMLET ROAD
HARDIN, KY 42048

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GUNNER WAYNE THOMPSON
3375 OLIVE CREEK ROAD
BENTON, KY 42025

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TIM OBRYAN
4920 OLIVE HAMLET ROAD
HARDIN, KY 42048

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SHARON HENSON
3245 OLIVE CREEK ROAD
BENTON, KY 42025

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JIMMIE OBRYAN
789 LIBERTY SCHOOL ROAD
BENTON, KY 42025

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KELLI BATHON,
JASON BATHON
3241 CURD ROAD
BENTON, KY 42025

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STEPHEN WELLS,
SARAH JACOBS
5256 OLIVE HAMLET ROAD
HARDIN, KY 42048

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TIMOTHY LAKE RILEY,
AMY KATHERINE RILEY
2941 CURD ROAD
BENTON, KY 42025

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ZAKERY L RILEY
552 OSCAR BROWN LANE
BENTON, KY 42025

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KANDIS CORNWELL,
RANDALL CORNWELL
5283 OLIVE HAMLET ROAD
HARDIN, KY 42048

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DAVID L LOVETT, VIRGINIA L LOVETT
1262 PALMA ROAD
BENTON, KY 42025

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DAVID NORWOOD
3679 OLD OLIVE ROAD
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DIANNA HAWKINS
3026 CURD ROAD
BENTON, KY 42025

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JANE WILLIE, JACK WILLIE
4727 OLIVE HAMLET ROAD
HARDIN, KY 42048

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JAMES LOVETT,
PAULETTE LOVETT
3490 OLIVE CREEK ROAD
BENTON, KY 42025

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RUSSELL MORTON,
MICHELLE A KELLEY
5204 OLIVE HAMLETT ROAD
HARDIN, KY 42048

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DAVID ALLEN DUNCAN
3105 OLIVE CREEK ROAD
BENTON, KY 42025

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AMY L RILEY, TIMOTHY L RILEY
2941 CURD ROAD
BENTON, KY 42025

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ARISA JAMESON,
ROBERT LYNN JAMESON
711 OSCAR BROWN LANE
BENTON, KY 42025

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WYATT TIMOTHY RILEY
2941 CURD ROAD
BENTON, KY 42025

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JONATHAN M ROSS
2682 CURD ROAD
BENTON, KY 42025

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RALPH ROWE, ZELLA ROWE
3485 OLD OLIVE ROAD
BENTON, KY 42025

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ALERT: IMPACTS FROM THE WORLD SOCCER TOURNAMENT HELD IN MAJOR CITIES THROUGHOUT THE U.S. FROM JUNE 11TH THROUGH JULY 19TH, 2026 AND FLOODING IMPACTS IN THE NORTHEAST U.S. MAY DELAY FINAL DELIVERY OF YOUR MAIL AND PACKAGES. [READ MORE](#) ›

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9589071052702595451257

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Latest Update

Your item was picked up at the post office at 11:40 am on July 6, 2026 in BENTON, KY 42025.

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Delivered

Delivered, Individual Picked Up at Post Office
BENTON, KY 42025
July 6, 2026 11:40 AM
See All Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less ^

Tracking Number:

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Latest Update

Your item was delivered to an individual at the address at 11:04 am on July 3, 2026 in HARDIN, KY 42048.

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USPS Tracking Plus®

Delivered

Delivered, Left with Individual
HARDIN, KY 42048
July 3, 2026 11:04 AM
See All Tracking History

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Tracking Number:

9589071052702595451271

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Schedule a Redelivery

Remove X

Latest Update

This is a reminder to arrange for redelivery of your item before July 17, 2026 or your item will be returned on July 18, 2026. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

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USPS Tracking Plus®

Delivery Attempt: Action Needed

Reminder to Schedule Redelivery of your item before July 17, 2026
July 8, 2026

Notice Left (No Authorized Recipient Available)
SYMSONIA, KY 42082
July 3, 2026 3:51 PM

See All Tracking History

What Do USPS Tracking Statuses Mean?

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

See Less ^

Tracking Number:

9589071052702595451264

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Add to Informed Delivery

Remove X

Latest Update

Your item was delivered to an individual at the address at 11:10 am on July 3, 2026 in HARDIN, KY 42048.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
HARDIN, KY 42048
July 3, 2026 11:10 AM

See All Tracking History

What Do USPS Tracking Statuses Mean?

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

Tracking Number:
9589071052702595451295

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Latest Update

Your item was refused by the addressee at 10:43 am on July 7, 2026 in BENTON, KY 42025 and is being returned to the sender.

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Alert

Refused
BENTON, KY 42025
July 7, 2026 10:43 AM

Refused
BENTON, KY 42025
July 7, 2026 10:17 AM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

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

See Less ^

Tracking Number:
9589071052702595451288

Copy Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 5:39 pm on July 6, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 6, 2026 5:39 PM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

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

See Less ^

Tracking Number:
9589071052702595451431

Remove X

Copy

Add to Informed Delivery

Latest Update

Your item was picked up at the post office at 3:37 pm on July 7, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Post Office

BENTON, KY 42025

July 7, 2026 3:37 PM

See All Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Tracking Number:

9589071052702595451424

Remove

Copy

Schedule a Redelivery

Latest Update

This is a reminder to arrange for redelivery of your item before July 17, 2026 or your item will be returned on July 18, 2026. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivery Attempt: Action Needed

Reminder to Schedule Redelivery of your item before July 17, 2026

July 8, 2026

Notice Left (No Authorized Recipient Available)

HARDIN, KY 42048

July 3, 2026 10:45 AM

See All Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

Schedule Redelivery

USPS Tracking Plus®

Product Information

See Less

Tracking Number:

9589071052702595451455

Remove

Copy

Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 9:42 am on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 3, 2026 9:42 AM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates



USPS Tracking Plus®



Product Information



See Less ^

Tracking Number:

Remove X

9589071052702595451448

Copy Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 2:25 pm on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 3, 2026 2:25 PM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates



USPS Tracking Plus®



Product Information



See Less ^

Tracking Number:

Remove X

9589071052702595451462

Copy Add to Informed Delivery

Latest Update

Your item is being held at the HARDIN, KY 42048 post office at 10:41 am on July 3, 2026. This is at the request of the customer.

Get More Out of USPS Tracking:

Delivery Attempt

Held at Post Office, At Customer Request
HARDIN, KY 42048
July 3, 2026 10:41 AM

Arrived at USPS Facility
EVANSVILLE IN DISTRIBUTION CENTER
July 2, 2026 10:39 AM

USPS Tracking Plus®

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates

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USPS Tracking Plus®

▼

Product Information

▼

See Less ^

Tracking Number:

Remove X

9589071052702595451417

Copy

Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 9:31 am on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual

BENTON, KY 42025
July 3, 2026 9:31 AM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates

▼

USPS Tracking Plus®

▼

Product Information

▼

See Less ^

Tracking Number:

Remove X

9589071052702595451400

Copy

Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 10:50 am on July 3, 2026 in HARDIN, KY 42048.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual

HARDIN, KY 42048
July 3, 2026 10:50 AM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates

▼

USPS Tracking Plus®

▼

Product Information

See Less

Tracking Number:

9589071052702595451370

Copy

Add to Informed Delivery

Remove

Latest Update

Your item was picked up at the post office at 9:49 am on July 6, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Post Office
BENTON, KY 42025
July 6, 2026 9:49 AM

See All Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Tracking Number:

9589071052702595451363

Copy

Add to Informed Delivery

Remove

Latest Update

Your item was delivered to an individual at the address at 2:48 pm on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 3, 2026 2:48 PM

See All Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Tracking Number:

9589071052702595451394

Remove

Copy

Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 9:50 am on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

BENTON, KY 42025

July 3, 2026 9:50 AM

See All Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

USPS Tracking Plus®

Product Information

See Less

Tracking Number:

9589071052702595451387

Remove

Copy

Schedule a Redelivery

Latest Update

This is a reminder to arrange for redelivery of your item before July 17, 2026 or your item will be returned on July 18, 2026. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivery Attempt: Action Needed

Reminder to Schedule Redelivery of your item before July 17, 2026

July 8, 2026

Notice Left (No Authorized Recipient Available)

HARDIN, KY 42048

July 3, 2026 11:15 AM

See All Tracking History

What Do USPS Tracking Statuses Mean?

Text & Email Updates

Schedule Redelivery

USPS Tracking Plus®

Product Information

See Less

Tracking Number:

9589071052702595451318

Remove

Copy

Schedule a Redelivery

Latest Update

This is a reminder to arrange for redelivery of your item before July 17, 2026 or your item will be returned on July 18, 2026. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivery Attempt: Action Needed

Reminder to Schedule Redelivery of your item before
July 17, 2026
July 8, 2026

- Notice Left (No Authorized Recipient Available)
BENTON, KY 42025
July 3, 2026 9:19 AM
- See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

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

See Less ^

Tracking Number:

9589071052702595451301

Remove X

Copy Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 9:41 am on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 3, 2026 9:41 AM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

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

See Less ^

Tracking Number:

9589071052702595451332

Remove X

Copy Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 2:30 pm on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 3, 2026 2:30 PM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates



USPS Tracking Plus®



Product Information



See Less ^

Tracking Number:

Remove X

9589071052702595451325

Copy Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 9:42 am on July 3, 2026 in BENTON, KY 42025.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 3, 2026 9:42 AM

See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates



USPS Tracking Plus®



Product Information



See Less ^

Tracking Number:

Remove X

9589071052702595451356

Copy Add to Informed Delivery

Latest Update

Your item is being held at the BENTON, KY 42025 post office at 8:04 am on July 3, 2026. This is at the request of the customer.

Get More Out of USPS Tracking:

Delivery Attempt

Held at Post Office, At Customer Request
BENTON, KY 42025
July 3, 2026 8:04 AM

Arrived at USPS Facility
EVANSVILLE IN DISTRIBUTION CENTER
July 2, 2026 10:39 AM

● See All Tracking History

USPS Tracking Plus®

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates	▼
USPS Tracking Plus®	▼
Product Information	▼
See Less ^	

Tracking Number:

Remove X

9589071052702595451349

Copy Schedule a Redelivery

Latest Update

This is a reminder to arrange for redelivery of your item before July 17, 2026 or your item will be returned on July 18, 2026. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

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● Delivery Attempt: Action Needed

Reminder to Schedule Redelivery of your item before
July 17, 2026

July 8, 2026

● Notice Left (No Authorized Recipient Available)

BENTON, KY 42025

July 3, 2026 2:43 PM

● See All Tracking History

[What Do USPS Tracking Statuses Mean?](#)

Text & Email Updates	▼
Schedule Redelivery	▼
USPS Tracking Plus®	▼
Product Information	▼
See Less ^	

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

FAQs

EXHIBIT K

COPY OF PROPERTY OWNER NOTIFICATION



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

VIA CERTIFIED MAIL

Notice of Proposed Construction of Wireless Communications Facility

Dear Landowner:

APC Towers IV, LLC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at Olive Hamlet Road, Benton, KY 42025 (36° 47' 49.45" North latitude, 88° 15' 17.68" West longitude). The proposed facility will include a 245-foot-tall tower with a 5-foot-tall lightning arrestor attached at the top for a total height of 250 feet, plus related ground facilities. This facility is needed to provide improved service for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the PSC, either in writing or to request intervention in the PSC's proceedings on the application. You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00170 in any correspondence sent in connection with this matter.

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

Sincerely,
Robert W. Grant
Attorney for Applicant

enclosures



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



EXHIBIT L

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



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

VIA CERTIFIED MAIL

Kevin Spraggs
County Judge Executive
1101 Main Street, Suite 100
Benton, KY 42025

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2026-00170

Dear Judge/Executive:

APC Towers IV, LLC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at Olive Hamlet Road, Benton, KY 42025 (36° 47' 49.45" North latitude, 88° 15' 17.68" West longitude). The proposed facility will include a 245-foot-tall tower with a 5-foot-tall lightning arrestor attached at the top for a total height of 250 feet, plus related ground facilities. This facility is needed to provide improved service for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00170 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. Verizon Wireless' radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us at (800) 516-4293 with any comments or questions you may have. The Applicants' site name is EV Olive Hamlet.

Sincerely,
Robert W. Grant
Attorney for Applicants

Enclosures



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



9589 0710 5270 2595 4514 79

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
<i>Domestic Mail Only</i>	
For delivery information, visit our website at www.usps.com ®.	
Certified Mail Fee	
\$	
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$
Postage	
Kevin Spraggs County Judge Executive 1101 Main Street, Suite 100 Benton, KY 42025	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	



ALERT: IMPACTS FROM THE WORLD SOCCER TOURNAMENT HELD IN MAJOR CITIES THROUGHOUT THE U.S. FROM JUNE 11TH THROUGH JULY 19TH, 2026 AND FLOODING IMPACTS IN THE NORTHEAST U.S. MAY DELAY FINAL DELIVERY OF YOUR MAIL AND PACKAGES. [READ MORE](#) .

USPS Tracking®

FAQs >

Track Packages
Anytime, Anywhere

Get the free Informed Delivery® feature to receive automated notifications on your packages

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Tracking Number:

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9589071052702595451479

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Latest Update

Your item was delivered to an individual at the address at 10:42 am on July 6, 2026 in BENTON, KY 42025.

Delivered

Delivered, Left with Individual
BENTON, KY 42025
July 6, 2026 10:42 AM

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[What Do USPS Tracking Statuses Mean?](#)

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

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Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

[FAQs](#)

EXHIBIT M

**COPY OF POSTED NOTICES,
NEWSPAPER NOTICE ADVERTISEMENT TEAR SHEET &
AFFIDAVIT**

SITE NAME: EV Olive Hamlet
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 Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner, propose to construct a telecommunications **tower** on this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00170 in your correspondence.

APC Towers IV, LLC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Managing Partner, propose to construct a telecommunications **tower** near this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2026-00170 in your correspondence.

0100 ANNOUNCEMENTS

5 FAMILY YARD SALE
June 25 from 9 a.m. - 7 p.m. in the
Woodman of the World build-
ing, 1005 Poplar St., Benton

0150 GARAGE/ESTATE SALES

5 FAMILY YARD SALE
June 25 from 9 a.m. - 7 p.m. in the
Woodman of the World build-
ing, 1005 Poplar St., Benton

Classifieds Get The Job Done

"AN ORDINANCE AMENDING CHAPTER 150, PLANNING AND ZONING, OF THE CITY OF BENTON'S CODE OF ORDINANCES RELATING TO BUILDING AND ZONING PERMITS" This Ordinance is summarized as an Ordinance amending Chapter 150, Section 150.06, Building and Zoning Permits Required, of Benton's Code of Ordinances to clarify that building permits relate to the enforcement of Benton's planning and zoning regulations and not to the enforcement of private property restrictions such as are found in subdivision regulations. A complete copy of this ordinance is available for viewing at Benton City Hall during regular business hours.

"AN ORDINANCE AMENDING CHAPTER 155, PLANNING AND ZONING, OF THE CITY OF BENTON'S CODE OF ORDINANCES RELATING TO ACCESSORY STRUCTURES" This Ordinance is summarized as an Ordinance amending Chapter 155, Planning and Zoning, Section 155.056 and Section 155.055, of Benton's Code of Ordinances to amend the definitions of a side yard and accessory buildings, and to clarify where accessory buildings and swimming pools may be located in a R-1 zone. A complete copy of this ordinance is available for viewing at Benton City Hall during regular business hours.

"AN ORDINANCE AMENDING CHAPTER 155, PLANNING AND ZONING, OF THE CITY OF BENTON'S CODE OF ORDINANCES RELATING TO PLANNED DEVELOPMENTS" This Ordinance is summarized as an Ordinance amending Chapter 155, Planning and Zoning, Sections 155.056, 155.057, and 155.058 of Benton's Code of Ordinances to require all plats submitted to the Planning and Zoning Board for Planned Residential, Commercial or Industrial Developments, to address water drainage issues resulting from the proposed project. A complete copy of this ordinance is available for viewing at Benton City Hall during regular business hours.

"AN ORDINANCE AMENDING CHAPTER 155, PLANNING AND ZONING, OF THE CITY OF BENTON'S CODE OF ORDINANCES RELATING TO PLANNED DEVELOPMENTS" This Ordinance is summarized as an Ordinance amending Chapter 155, Planning and Zoning, Sections 155.056, 155.057, and 155.058 of Benton's Code of Ordinances to require all plats submitted to the Planning and Zoning Board for Planned Residential, Commercial or Industrial Developments, to address water drainage issues resulting from the proposed project. A complete copy of this ordinance is available for viewing at Benton City Hall during regular business hours.

"AN ORDINANCE AMENDING CHAPTER 155, PLANNING AND ZONING, OF THE CITY OF BENTON'S CODE OF ORDINANCES RELATING TO PLANNED DEVELOPMENTS" This Ordinance is summarized as an Ordinance amending Chapter 155, Planning and Zoning, Sections 155.056, 155.057, and 155.058 of Benton's Code of Ordinances to require all plats submitted to the Planning and Zoning Board for Planned Residential, Commercial or Industrial Developments, to address water drainage issues resulting from the proposed project. A complete copy of this ordinance is available for viewing at Benton City Hall during regular business hours.

"AN ORDINANCE AMENDING CHAPTER 155, PLANNING AND ZONING, OF THE CITY OF BENTON'S CODE OF ORDINANCES RELATING TO PLANNED DEVELOPMENTS" This Ordinance is summarized as an Ordinance amending Chapter 155, Planning and Zoning, Sections 155.056, 155.057, and 155.058 of Benton's Code of Ordinances to require all plats submitted to the Planning and Zoning Board for Planned Residential, Commercial or Industrial Developments, to address water drainage issues resulting from the proposed project. A complete copy of this ordinance is available for viewing at Benton City Hall during regular business hours.

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0600 REAL ESTATE FOR RENT

Hardin Apartments
Hardin, Ky is now accepting applications for 2 & 3 bedrooms units.
Call 270-527-1311
Rent is based on income.
Equal Housing Opportunity
TDD: 771

0600 REAL ESTATE FOR RENT

WALNUT COURT APARTMENTS BENTON HOUSING
Now accepting applications for 1 bedroom units. Must be 62, handicapped or disabled.
Phone (270) 527-3626

0600 REAL ESTATE FOR RENT

The Housing Authority of Benton (E.H.O.)
The Housing Authority of Benton is now accepting applications for 0 to 4 bedroom apartments in Benton and Calvert City.
For more information, call **527-3626**
Working families, handicapped & elderly receive first preference

TIME TO CLEAN OUT THE GARAGE!

GARAGE SALE

Place your ad today!

PUBLIC HEARING NOTICE

To all interested citizens of The City of Hardin, Kentucky: The Kentucky Department for Local Government is accepting application material under the 2010 Community Development Block Grant (CDBG) Program. The City of Hardin intends to apply for assistance to The City of Hardin intends to apply for CDBG funds to repair, replace and upgrade its deteriorated sewer system, which has been causing issues for residents for several years.

The City of Hardin will hold a public hearing prior to the submission of the pre-application form. The public hearing will be held on Tuesday, July 7, 2026 at 10:30 a.m. at the Hardin City Hall. The purpose of this hearing is to obtain views on housing and community development needs, review proposed activities, review the proposed application, and solicit public comments. Technical assistance is available to help groups representing low and moderate income persons in developing proposals.

The following information concerning the CDBG program is available for public inspection at Hardin City Hall during regular business hours:

- A. Amount of funds available and range of activities that may be undertaken.
- B. Estimated amounts of funds proposed to be used for activities benefiting persons of low and moderate income.
- C. Plans for minimizing displacement of persons as a result of activities associated with CDBG funds and plans for providing assistance to those persons to be actually displaced as a result of CDBG-funded activities.
- D. Records regarding the past use of CDBG funds.
- E. A summary of other important program requirements.

Comments on Application
A copy of the CDBG application material will be on file at Hardin City Hall, 104 2nd St., Hardin, KY 42048 for citizens' review and comment during regular business hours from June 25, 2026 through July 7, 2026. Comments on the proposed application may be submitted to the attention of Mayor Hank Rogalski until the close of business on July 7, 2026.

Discrimination Clause
The City of Hardin does not discriminate on the basis of race, color, national origin, sex, age, religion or disability, and provides, upon request, reasonable accommodation, including auxiliary aids and services, to afford an individual with a disability an equal opportunity to participate in all services, programs and activities. Any persons requiring special needs assistance should contact Hank Rogalski at Hardin City Hall, 104 2nd St., Hardin, KY 42048 at least five days prior to the meeting. The TDD number for the hearing impaired is 1-800-648-6057 (or local number if available).

NOTE: ADA Contacts
Department for the Blind 1-877-KYBLIND
American Printing House 1-800-223-1839 www.aph.org
Commission for the Deaf and Hard of Hearing 1-800-372-2907
www.kydeaf.org
For Interpreter Directory www.hqdl.org/access/interpreters.html
State Relay TDD Number 1-800-648-6057

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KENTUCKY LAKE WATERFRONT AUCTION
Saturday, July 11th, 2026 at 10:00 AM
164 Red Water Drive | New Concord, KY 42076

PUBLIC PREVIEW: Friday, July 3, 2026 • 3:00 PM - 4:00 PM

Enjoy the opportunity to purchase a beautiful Kentucky Lake waterfront home at auction. This well-maintained 3 bedroom, 2 bath residence comes mostly furnished and is move-in ready, making it ideal for you-round living, a vacation retreat, or an investment property. Lake in breathtaking lake views from the main living area and screened porch while enjoying the peaceful waterfront setting. A private dock located just a short walk from the home provides convenient access to boating, fishing, and all the recreational opportunities Kentucky Lake has to offer. Recent updates and improvements make this property ready for immediate enjoyment.

JOIN US AUCTION DAY AND BID YOUR PRICE ON THIS EXCEPTIONAL WATERFRONT PROPERTY.

REAL ESTATE TERMS: The property will be offered in 1 individual lot. A 10% Buyer's Premium will be added to the final bid and included in the final purchase price. A 10% down payment is due at the time of the auction with the balance in cash at closing on or before 30 days. The down payment may be in the form of cash or cash equivalent. YOUR BIDDING IS NOT CONDITIONAL UPON FINANCING. SO BE SURE YOU HAVE ARRANGED FINANCING, IF NEEDED, AND ARE CAPABLE OF PAYING CASH AT CLOSING. Make Inspections Prior to Date of Sale. The property will be sold as-is.

PROPERTY HIGHLIGHTS

- Kentucky Lake Waterfront Property
- 3 Bedrooms, 2 Bathrooms
- Mostly Furnished
- Move-In Ready
- Private Dock
- Beautiful Water Views
- Screened Porch
- Car Garage
- Updated Flooring
- Updated Kitchen Appliances
- Bathroom Improvements
- Refreshed Outdoor Deck
- Roof Replaced in 2022
- Gutters Replaced in 2022
- Freshly Pressure Washed Exterior
- Excellent Boating & Fishing Access
- Ideal Primary Residence, or Investment Property
- Peaceful Waterfront Setting
- Convenient Access to Kentucky Lake Recreation

HARRIS HOMES - FARMLAND ESTATES - WATERFRONT
Real Estate & Auction

MICHAEL HARRIS
PRINCIPAL BROKER
PRINCIPAL AUCTIONEER
812-252-7211 / 812-252-7212

Phone: 270-247-3253 Toll Free: 800-380-4318 harrisauctions.com

ABSOLUTE ESTATE AUCTION
Home, Land & Personal Property
Thursday, July 9th, 2026 at 10:00 AM
4275 SHAR-CAL ROAD • CALVERT CITY, KY 42029

43+ ACRES
SELLING IN 5 TRACTS & COMBINATIONS

Estate of DON WARFORD

PREVIEW DATE: Monday, July 6th from 5:00 - 6:00 pm

Situated in a highly desirable location along the Tennessee River, this 43+ acre property offers a unique combination of recreational, residential, hunting, and waterfront opportunities.

The property features approximately 26+ acres on one side of Shar-Cal Road and approximately 13.47+ acres bordering the Tennessee River with valuable riparian and mooring rights. A boat ramp is already in place providing direct access to the river from the property. Improvements include a 32'x48' Barndominium-style building featuring a two-car garage and upper-level living quarters complete with cabinets, cooking stove, dishwasher, bathroom, propane heat, window air conditioning, and well water service. Additional improvements include a 30'x30' equipment shed and multiple mature fruit trees throughout the property.

REAL ESTATE TRACTS

- Tract 1: 2.3 Acres with Barndominium and Living Quarters
- Tract 2: 24.43+ Acres located on the west side of Shar-Cal Road with Large Pond
- Tract 3: 13.47+ Acres fronting the Tennessee River with boat ramp access and mooring rights
- Tract 4: 2.58+ Acre Building Lot
- Tract 5: 0.64+ Acre Building Lot

PERSONAL PROPERTY SELLS IMMEDIATELY AFTER THE REAL ESTATE

CARPORTS:
20'x30' Carport • 18'x18' Carport

Vehicles, Equipment & Farm Implements:
Ford 5000 Diesel Tractor • 2,146 Hours - Serial 49099421 • 8' x 18' M&M Trailer with Dometel Ramp • Ford Three Bottom Plow • Three Point Hitch Two Row Cultivator • Three Point Work Grader Blade • Steel Rolling Drum • Horse Drawn Harrow • ATV Sprayer • 3000 Watt Generator • Hydraulic Ram • Electric Fence Posts & Supplies

Shop Equipment & Tools: Lincoln AC-2255 Welder • Welding Rods • Large Assortment of Nuts & Bolts • Drill Press • Bench Grinder • Workbench • Hand Tools • Large Chain Links • Radiant Heater • Hunter Ceiling Fan (New In Box) • 3PH Hydraulic Wood Splitter • Household & Commercial: Out Entertainment Center • VHS Player • Chest of Drawers • Dresser with Mirror • Bed • Small Dining Table • Fish Aquarium • Collection of Cans • Coca Cola Bottle Carrying Case • Kentucky Wildlife Clock • Additional Household Items

REAL ESTATE TERMS: The property will be offered in 5 individual tracts, any combination of 2 tracts, or in whole property. The property will be sold in the manner resulting in the highest total sale price. A 10% Buyer's Premium will be added to the final bid and included in the final purchase price. A 10% down payment is due at the time of the auction with the balance in cash at closing on or before 30 days. The down payment may be in the form of cash or cash equivalent. YOUR BIDDING IS NOT CONDITIONAL UPON FINANCING. SO BE SURE YOU HAVE ARRANGED FINANCING, IF NEEDED, AND ARE CAPABLE OF PAYING CASH AT CLOSING. Make Inspections Prior to Date of Sale. The property will be sold as-is.

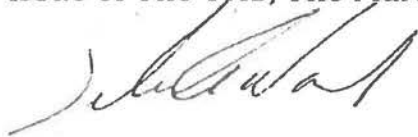
HARRIS HOMES - FARMLAND ESTATES - WATERFRONT
Real Estate & Auction

MICHAEL HARRIS
PRINCIPAL BROKER
PRINCIPAL AUCTIONEER
812-252-7211 / 812-252-7212

Phone: 270-247-3253 Toll Free: 800-380-4318 harrisauctions.com

AFFIDAVIT

I, SELENA WARD, Sales Manager of The Tribune-Courier, a newspaper of general circulation, published in the City of Benton, County of Marshall, State of Kentucky, do hereby affirm the legal advertisement attached was published in the June 25, 2020 issue of The Trib, The Marshall County Tribune-Courier.



Selena Ward
Sales Manager
The Trib
The Marshall County Tribune-Courier

Sworn to and before me, a Notary, on this the 29th day of June, 2020.


(Notary signature)

My commission expires:

November 18, 2027

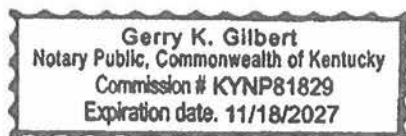


EXHIBIT N

COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

