

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

In the Matter of:

THE APPLICATION OF)
HARMONI TOWERS ASSETCO, LLC, A DELAWARE)
LIMITED LIABILITY COMPANY)
AND CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS)
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC) CASE NO.: 2024-00194
CONVENIENCE AND NECESSITY TO CONSTRUCT)
A WIRELESS COMMUNICATIONS FACILITY)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF METCALFE)

SITE NAME: CK GLOVER CREEK

* * * * *

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

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

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

1. The complete name and address of the Applicants are: Harmoni Towers

AssetCo, LLC, a Delaware limited liability company, having an address of 6210 Adrey Kell Road, Suite 450, Charlotte, North Carolina 28277 and Cellco Partnership d/b/a Verizon Wireless having an address of 2421 Holloway Road, Louisville, Kentucky 40299.

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

3. Harmoni Towers AssetCo, LLC is a limited liability company organized in the State of Delaware on July 6, 2023. Harmoni Towers AssetCo, LLC's Certificate of Good standing issued by the State of Delaware is attached as part of **Exhibit A** and hereby incorporated by reference. Harmoni Towers Asset Co, LLC is in good standing in the state in which it is organized and further states that it is authorized to transact business in Kentucky, and a copy of the Certificate of Authorization issued by the Kentucky Secretary of State is attached as part of **Exhibit A** and is hereby incorporated by reference.

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

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

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

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

7. To address the above-described service needs, Applicants propose to construct a WCF in a lease area located at 486 Summer Shade Road, Summer Shade, Kentucky 42166 (36° 53' 46.16" North latitude, 85° 44' 03.79" 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 Jane Bowman pursuant to a Deed recorded at Deed Book 76, Page 513 in the office of the County Clerk. The proposed WCF will consist of a 250-foot tall tower, with an approximately 5-foot tall lightning arrestor attached at the top, for a total height of 255-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of radio electronics

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

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

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

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

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

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

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

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

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

16. Harmoni Towers AssetCo, 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 Josh Supak 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 Metcalfe County PVA records obtained on June 17, 2024 (and re-verified on July 31, 2024) and used to generate the notice list are attached as part of

Exhibit J.

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

24. To date, thirteen signed United States Postal Service Form 3811 "green cards" have been returned. Copies of the thirteen returned "green cards" are attached as a part of **Exhibit J.** One notice letter was returned, and a copy of the returned letter is attached as part of **Exhibit J.** Two notice letters, both sent to members of the same family at the same address, are marked "delivery attempt" and "held at post office, at customer request" according to the United States Postal Service (USPS) tracking data, which is attached as part of **Exhibit J.** One notice letter is marked "delivered, individual picked up at postal facility" according to USPS tracking data, which is attached as part of **Exhibit J.** There are no unaccountable notices.

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

26. Notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2) that measure at least 2 feet in height and 4 feet in width and that contain all required

language in letters of required height, have been posted, one in a visible location on the proposed site and one on the nearest public road. Such signs shall remain posted for at least two weeks after filing of the Application, and a copy of the posted text is attached as **Exhibit M**. A legal notice advertisement regarding the location of the proposed facility will be published in a newspaper of general circulation in the county in which the WCF is proposed to be located. A copy of the text of the newspaper legal notice advertisement is attached as part of **Exhibit M**.

27. The general area where the proposed facility is to be located is rural in character with large parcels and sparse residences. The site parcel is large with Summer Shade Road running east-to-west through the parcel. The site parcel includes a residence and three barns.

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

EXHIBIT A
CORPORATE DOCUMENTATION & FCC LICENSE
DOCUMENTATION

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "HARMONI TOWERS ASSETCO, 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 TWENTY-FIFTH DAY OF JANUARY, A.D. 2024.

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




Jeffrey W. Bullock, Secretary of State

7543163 8300

SR# 20240238368

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

Authentication: 202665185

Date: 01-25-24

Commonwealth of Kentucky
Michael G. Adams, Secretary of State

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

Certificate of Authorization

Authentication number: 316567

Visit <https://web.sos.ky.gov/ftsshow/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,

HARMONI TOWERS ASSET CO 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 October 3, 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 31st day of July, 2024, in the 233rd year of the Commonwealth.



Michael G. Adams

Michael G. Adams
Secretary of State
Commonwealth of Kentucky
316567/1312784

Delaware

The First State

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

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




Jeffrey W. Bullock, Secretary of State

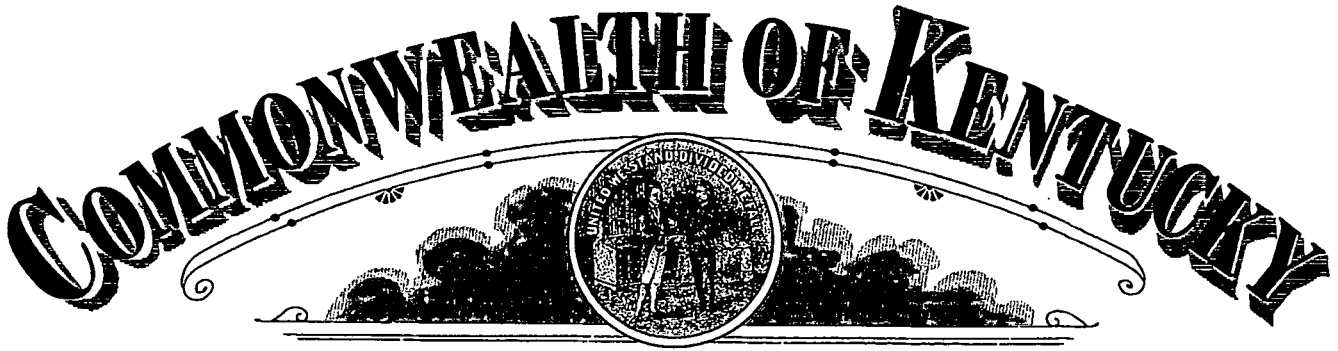
3341134 8300

SR# 20231665976

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

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

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C226

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

CERTIFICATE OF ASSUMED NAME

This certifies that the assumed name of
Verizon Wireless

(Name under which the business will be conducted)

has been adopted by See Addendum

(Real name - KRS 365.015(1))

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

- | | |
|--|---|
| <input type="checkbox"/> a Domestic General Partnership | <input checked="" type="checkbox"/> a Foreign General Partnership |
| <input type="checkbox"/> a Domestic Registered Limited Liability Partnership | <input type="checkbox"/> a Foreign Registered Limited Liability Partnership |
| <input type="checkbox"/> a Domestic Limited Partnership | <input type="checkbox"/> a Foreign Limited Partnership |
| <input type="checkbox"/> a Domestic Business Trust | <input type="checkbox"/> a Foreign Business Trust |
| <input type="checkbox"/> a Domestic Corporation | <input type="checkbox"/> a Foreign Corporation |
| <input type="checkbox"/> a Domestic Limited Liability Company | <input type="checkbox"/> a Foreign Limited Liability Company |
| <input type="checkbox"/> a Joint Venture | |

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

One Verizon Way Basking Ridge NJ 07920

Street address, if any

City

State

Zip Code

The certificate of assumed name is executed by

NYNEX PCS Inc.

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

Print or type name and title

June 15, 2006

Date

Signature

Print or type name and title

Date

Addendum

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

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

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

Call Sign KNKN814	File Number 0009262182
Radio Service CL - Cellular	
Market Numer CMA447	Channel Block B
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003290673

Market Name Kentucky 5 - Barren

Grant Date 09-01-2020	Effective Date 01-13-2021	Expiration Date 10-01-2030	Five Yr Build-Out Date	Print Date
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Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
1	37-06-37.0 N	085-58-40.0 W	320.0	82.3	1205611

Address: Prewitt's Knob, 4.8 km WSW of

City: CAVE CITY **County:** BARREN **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)	177.600	194.100	184.800	162.400	189.800	184.600	178.000	165.400
Transmitting ERP (watts)	116.290	30.310	1.400	0.270	0.270	0.270	0.700	31.720

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)	177.600	194.100	184.800	162.400	189.800	184.600	178.000	165.400
Transmitting ERP (watts)	0.710	17.400	93.440	120.380	32.400	3.090	0.300	0.340

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)	177.600	194.100	184.800	162.400	189.800	184.600	178.000	165.400
Transmitting ERP (watts)	1.200	0.310	0.310	4.010	35.100	128.660	96.240	16.600

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: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
2	37-03-16.0 N	085-05-15.0 W	335.3	66.4	1060800

Address: 1.6 km WNW of intersec. of Cumberland Pkwy & US Hwy 127

City: RUSSELL SPRINGS County: RUSSELL 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)	111.300	101.700	102.100	123.200	116.700	113.000	135.800	103.700
Transmitting ERP (watts)	157.100	105.670	17.850	1.800	0.480	4.050	25.570	109.870

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)	111.300	101.700	102.100	123.200	116.700	113.000	135.800	103.700
Transmitting ERP (watts)	7.280	10.650	18.520	10.350	23.010	5.410	0.740	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)	113.000	101.700	102.100	123.200	116.700	113.000	135.800	103.700
Transmitting ERP (watts)	4.030	0.340	2.430	11.890	72.190	167.790	144.670	35.900

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
3	37-19-27.0 N	085-55-08.0 W	288.0	82.3	1043058

Address: DIVIDING RIDGE; 5.6 km NNW of

City: MUNFORDVILLE County: HART 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)	124.200	120.700	125.700	160.200	151.900	137.900	133.400	146.300
Transmitting ERP (watts)	91.350	124.410	70.660	14.380	1.420	0.610	6.040	27.050

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)	124.200	120.700	125.700	160.200	151.900	137.900	133.400	146.300
Transmitting ERP (watts)	1.140	6.890	50.200	154.120	159.580	51.140	6.200	0.410

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)	124.200	120.700	125.700	160.200	151.900	137.900	133.400	146.300
Transmitting ERP (watts)	27.250	2.690	0.340	1.880	14.510	77.820	164.920	130.790

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	36-58-37.0 N	085-53-48.0 W	267.0	128.9	1202695

Address: Temple Hill Road, 6.7 mi southeast of Glasgow Municipal Airport

City: GLASGOW County: BARREN 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)	113.000	94.500	72.300	103.400	109.800	145.800	136.400	121.300
Transmitting ERP (watts)	74.230	41.180	7.090	0.410	0.310	0.390	7.600	43.080

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)	165.400	147.000	124.700	155.800	162.300	198.300	188.800	173.800
Transmitting ERP (watts)	1.760	14.820	66.340	80.440	26.520	3.020	0.330	0.270

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)	113.000	94.500	72.300	103.400	109.800	145.800	136.400	121.300
Transmitting ERP (watts)	1.270	0.300	0.410	2.910	34.430	104.650	82.670	15.310

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
5	36-53-50.0 N	084-57-27.0 W	294.1	128.0	1200492

Address: Lake Cumberland, 11.3 km NW of

City: MONTICELLO County: WAYNE 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)	120.400	125.800	96.900	52.400	95.800	123.100	148.300	129.500
Transmitting ERP (watts)	90.910	34.180	4.210	0.270	0.310	1.110	14.630	66.270

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)	120.400	125.800	96.900	52.400	95.800	123.100	148.300	129.500
Transmitting ERP (watts)	0.830	14.810	83.280	102.460	28.880	2.520	0.320	0.260

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)	120.400	125.800	96.900	52.400	95.800	123.100	148.300	129.500
Transmitting ERP (watts)	3.460	0.270	1.950	8.860	44.980	98.820	85.200	24.700

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	36-59-41.0 N	085-33-38.0 W	310.0	128.0	1043059

Address: Hickory Ridge

City: Edmonton County: METCALFE 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)	158.100	156.900	114.200	137.500	150.900	131.600	139.600	152.400
Transmitting ERP (watts)	81.690	152.110	56.510	6.340	0.340	0.360	0.450	11.810

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)	158.100	156.900	114.200	137.500	150.900	131.600	139.600	152.400
Transmitting ERP (watts)	0.370	0.580	15.570	95.970	145.260	45.940	4.810	0.340

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)	158.100	156.900	114.200	137.500	150.900	131.600	139.600	152.400
Transmitting ERP (watts)	13.870	0.940	0.340	0.390	4.390	49.220	145.260	93.790

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	36-43-21.4 N	085-07-37.2 W	410.8	77.7	1239784

Address: On Mountain Lane

City: Albany County: CLINTON 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)	224.400	172.000	96.100	151.900	211.500	206.300	193.800	200.600
Transmitting ERP (watts)	214.860	95.980	11.540	0.590	0.480	0.570	12.360	100.500

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)	224.400	172.000	96.100	151.900	211.500	206.300	193.800	200.600
Transmitting ERP (watts)	1.150	28.320	152.110	195.960	52.740	5.040	0.480	0.550

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)	224.400	172.000	96.100	151.900	211.500	206.300	193.800	200.600
Transmitting ERP (watts)	1.910	0.480	0.570	4.190	56.510	195.960	152.110	25.240

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	36-41-54.0 N	085-41-07.0 W	286.5	90.2	1065560

Address: 403 Martin Subdivision

City: Tompkinsville County: MONROE 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)	82.200	93.700	157.900	97.200	83.000	115.700	100.900	88.500
Transmitting ERP (watts)	128.990	56.630	6.540	0.320	0.260	0.340	7.510	59.300

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)	82.200	93.700	157.900	97.200	83.000	115.700	100.900	88.500
Transmitting ERP (watts)	0.690	16.910	90.270	116.960	30.240	2.840	0.260	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)	82.200	93.700	157.900	97.200	83.000	115.700	100.900	88.500
Transmitting ERP (watts)	1.070	0.260	0.340	2.530	33.930	116.960	90.270	14.390

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	36-42-45.0 N	084-29-53.0 W	388.0	128.0	1043060

Address: 2.7 KM SOUTHWEST OF

City: Whitley City County: MCCREARY 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)	115.300	140.200	111.300	77.100	88.000	150.900	147.400	183.900
Transmitting ERP (watts)	130.970	169.690	43.870	4.120	0.380	0.470	1.010	24.530

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)	115.300	140.200	111.300	77.100	88.000	150.900	147.400	183.900
Transmitting ERP (watts)	0.500	3.670	49.220	169.690	130.970	20.880	1.560	0.380

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)	115.300	140.200	111.300	77.100	88.000	150.900	147.400	183.900
Transmitting ERP (watts)	9.490	0.470	0.380	0.490	10.890	86.030	187.140	82.160

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
10	37-07-32.0 N	085-18-48.0 W	243.2	128.0	1043061

Address: 2.1 KM North of

City: COLUMBIA County: ADAIR 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)	98.900	97.600	62.700	93.000	69.900	86.900	132.000	98.600
Transmitting ERP (watts)	239.640	126.580	20.700	2.100	0.480	2.050	17.500	119.190

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)	98.900	97.600	62.700	93.000	69.900	86.900	132.000	98.600
Transmitting ERP (watts)	3.050	25.240	104.080	134.110	50.730	6.640	0.400	0.300

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)	98.900	97.600	62.700	93.000	69.900	86.900	132.000	98.600
Transmitting ERP (watts)	3.170	0.300	0.350	6.140	45.530	132.880	110.500	28.320

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
11	36-47-11.0 N	085-23-02.0 W	261.5	96.0	1040490

Address: 0.8 KM WEST OF

City: BURKESVILLE County: CUMBERLAND 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)	109.300	130.200	87.400	84.800	79.600	143.200	144.000	116.600
Transmitting ERP (watts)	44.180	161.980	121.160	20.900	1.520	0.390	0.390	5.050

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)	109.300	130.200	87.400	84.800	79.600	143.200	144.000	116.600
Transmitting ERP (watts)	0.560	1.140	15.410	114.810	250.130	112.190	13.700	0.800

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)	109.300	130.200	87.400	84.800	79.600	143.200	144.000	116.600
Transmitting ERP (watts)	42.590	4.040	0.390	0.390	2.230	22.340	121.440	153.980

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	36-59-14.9 N	085-04-03.0 W	300.2	77.4	1249806

Address: 263 N. Main St. (KY13172-A)

City: JAMESTOWN County: RUSSELL 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)	57.700	75.100	111.400	128.200	123.100	114.300	81.000	84.000
Transmitting ERP (watts)	131.780	61.330	9.560	0.760	0.650	5.540	28.840	110.190

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)	57.700	75.100	111.400	128.200	123.100	114.300	81.000	84.000
Transmitting ERP (watts)	6.950	33.550	98.830	109.490	46.690	7.510	0.630	0.950

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)	57.700	75.100	111.400	128.200	123.100	114.300	81.000	84.000
Transmitting ERP (watts)	3.530	0.270	2.170	9.880	52.760	110.760	95.040	27.210

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
13	36-48-31.1 N	084-50-43.5 W	466.6	61.0	1004214

Address: 3.2 KM SSE OF

City: MONTICELLO County: WAYNE 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)	228.300	178.600	196.200	196.600	182.100	180.800	223.600	233.200
Transmitting ERP (watts)	83.280	46.200	7.950	0.460	0.350	0.440	8.520	48.340

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)	228.300	178.600	196.200	196.600	182.100	180.800	223.600	233.200
Transmitting ERP (watts)	1.990	19.910	108.240	137.240	37.950	3.600	0.350	0.340

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)	228.300	178.600	196.200	196.600	182.100	180.800	223.600	233.200
Transmitting ERP (watts)	1.460	0.330	0.430	3.080	30.780	77.930	65.130	15.620

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	36-48-09.1 N	085-49-35.8 W	307.8	128.0	1215547

Address: Within the City Limits of

City: Mt. Hermon County: MONROE 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)	162.800	133.200	119.800	115.200	131.300	145.600	162.100	140.800
Transmitting ERP (watts)	232.350	122.730	20.070	2.030	0.470	1.980	16.970	115.570

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)	162.800	133.200	119.800	115.200	131.300	145.600	162.100	140.800
Transmitting ERP (watts)	4.690	38.790	159.940	206.090	77.960	10.200	0.610	0.470

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)	162.800	133.200	119.800	115.200	131.300	145.600	162.100	140.800
Transmitting ERP (watts)	3.360	0.320	0.370	6.500	48.220	140.750	117.050	30.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	37-11-42.5 N	085-57-13.0 W	267.6	99.1	1224165

Address: Highway 31 E

City: Horse Cave County: HART 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)	140.200	157.200	137.200	138.800	124.400	106.600	128.000	139.900
Transmitting ERP (watts)	70.890	131.990	49.040	5.500	0.300	0.310	0.390	10.250

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)	140.200	157.200	137.200	138.800	124.400	106.600	128.000	139.900
Transmitting ERP (watts)	0.440	1.350	27.580	128.990	141.440	31.660	2.890	0.370

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)	140.200	157.200	137.200	138.800	124.400	106.600	128.000	139.900
Transmitting ERP (watts)	12.040	0.810	0.300	0.340	3.810	42.710	126.050	81.390

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	36-53-08.5 N	086-01-21.5 W	219.5	77.7	1229912

Address: Barren River Lake, 1450 meters southeast of

City: Lucas County: BARREN 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)	82.400	76.400	65.300	73.600	82.100	72.000	115.600	93.200
Transmitting ERP (watts)	64.900	199.280	206.330	66.120	8.020	0.530	1.470	8.910

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)	82.400	76.400	65.300	73.600	82.100	72.000	115.600	93.200
Transmitting ERP (watts)	0.430	2.430	18.770	100.610	213.240	169.110	35.230	3.480

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)	82.400	76.400	65.300	73.600	82.100	72.000	115.600	93.200
Transmitting ERP (watts)	115.020	18.140	1.460	0.580	6.420	36.290	153.840	208.960

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
18	37-04-08.3 N	084-59-07.6 W	301.8	58.0	

Address: Russell East, in the town of

City: Salem County: RUSSELL 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)	81.400	40.400	50.100	92.000	90.100	70.500	49.200	57.100
Transmitting ERP (watts)	45.240	155.980	120.380	19.190	1.430	0.350	0.460	3.370

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)	81.400	40.400	50.100	92.000	90.100	70.500	49.200	57.100
Transmitting ERP (watts)	0.350	0.450	10.100	79.080	172.010	75.520	8.720	0.430

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)	81.400	40.400	50.100	92.000	90.100	70.500	49.200	57.100
Transmitting ERP (watts)	40.320	3.780	0.350	0.430	0.920	22.550	120.380	155.980

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
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19 37-01-53.2 N 086-02-59.7 W

230.1

53.3

Address: Barren West, 1.1 km SE of intersection of Route 255 and Cumberland Parkway

City: Bon Ayr County: BARREN 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)

48.000

59.100

62.400

62.000

76.300

71.700

67.700

68.900

Transmitting ERP (watts)

10.930

71.760

174.250

150.580

36.510

3.930

0.360

2.010

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)

48.000

59.100

62.400

62.000

76.300

71.700

67.700

68.900

Transmitting ERP (watts)

1.660

0.370

3.640

24.330

110.220

166.180

109.490

18.120

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)

48.000

59.100

62.400

62.000

76.300

71.700

67.700

68.900

Transmitting ERP (watts)

241.800

133.090

20.990

1.690

0.670

7.430

41.990

187.010

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
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20 36-59-57.9 N 085-42-14.4 W

304.8

38.1

Address: Barren East, 1.5 km ESE of

City: Wisdom County: METCALFE 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)

83.800

114.600

79.500

77.500

56.000

94.100

87.900

92.000

Transmitting ERP (watts)

182.210

79.990

9.240

0.460

0.370

0.480

10.610

83.760

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)

83.800

114.600

79.500

77.500

56.000

94.100

87.900

92.000

Transmitting ERP (watts)

3.340

55.130

223.280

203.210

38.060

3.110

0.540

0.700

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)

83.800

114.600

79.500

77.500

56.000

94.100

87.900

92.000

Transmitting ERP (watts)

2.970

0.370

0.470

1.480

30.120

143.340

153.910

33.100

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
21	36-52-38.0 N	085-39-59.1 W	347.5	42.4	

Address: 5 km east of

City: Summer Shade County: METCALFE 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)	137.700	116.600	133.500	131.800	89.700	109.800	135.900	112.700
Transmitting ERP (watts)	182.210	79.990	9.240	0.460	0.370	0.480	10.610	83.760

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)	137.700	116.600	133.500	131.800	89.700	109.800	135.900	112.700
Transmitting ERP (watts)	2.890	26.340	135.690	168.870	47.270	4.440	0.480	0.380

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)	137.700	116.600	133.500	131.800	89.700	109.800	135.900	112.700
Transmitting ERP (watts)	1.520	0.370	0.480	3.570	47.930	165.220	127.520	20.330

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
22	37-04-40.6 N	085-10-27.6 W	299.0	86.9	1048811

Address: ADAIR EAST, 7955 RUSSELL SPRINGS ROAD

City: RUSSELL SPRINGS County: ADAIR 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)	102.600	66.400	51.500	64.800	80.000	101.700	115.200	90.300
Transmitting ERP (watts)	112.350	104.850	19.980	1.660	0.300	0.350	1.660	27.580

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)	102.600	66.400	51.500	64.800	80.000	101.700	115.200	90.300
Transmitting ERP (watts)	0.350	5.720	51.470	125.910	71.710	11.750	0.560	0.300

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)	102.600	66.400	51.500	64.800	80.000	101.700	115.200	90.300
Transmitting ERP (watts)	4.170	0.300	0.320	0.500	13.510	83.280	126.050	39.860

Licensee Name: CELLCO PARTNERSHIP

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File Number: 0009262182

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Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
23	37-00-11.8 N	085-55-24.4 W	245.4	79.2	1223174

Address: Glasgow Downtown, 105 Lincoln Road

City: Glasgow County: BARREN 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)	84.400	76.300	52.500	64.900	82.900	99.000	87.700	89.600
Transmitting ERP (watts)	1.130	36.370	134.760	36.800	2.250	0.320	0.320	0.320

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)	84.400	76.300	52.500	64.900	82.900	99.000	87.700	89.600
Transmitting ERP (watts)	0.320	0.320	1.130	30.890	105.820	31.270	2.250	0.320

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)	84.400	76.300	52.500	64.900	82.900	99.000	87.700	89.600
Transmitting ERP (watts)	4.260	0.320	0.320	0.320	0.470	22.310	148.580	69.130

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
24	37-02-38.7 N	085-27-43.8 W	296.5	77.7	1242039

Address: Metcalfe East, 8050 Edmonton Road (KY Hwy 80)

City: Edmonton County: ADAIR 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)	161.200	138.700	115.200	99.600	89.500	117.700	121.700	113.100
Transmitting ERP (watts)	19.600	120.820	182.880	57.830	6.060	0.430	0.470	0.730

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)	161.200	138.700	115.200	99.600	89.500	117.700	121.700	113.100
Transmitting ERP (watts)	0.800	0.430	0.480	7.980	74.500	191.490	102.840	13.560

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)	161.200	138.700	115.200	99.600	89.500	117.700	121.700	113.100
Transmitting ERP (watts)	152.110	28.980	2.410	0.430	0.500	2.410	40.010	162.990

Licensee Name: CELLCO PARTNERSHIP

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File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
25	37-16-37.2 N	085-53-34.8 W	190.0	38.0	

Address: Munfordville Downtown, water tank in the town of

City: Munfordville County: HART 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)	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	63.100	70.030	39.580	9.860	0.660	0.940	8.500	37.380

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)	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	2.430	11.890	72.190	167.790	144.670	35.900	4.030	0.340

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)	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	17.850	1.800	0.480	4.050	25.570	109.870	157.100	105.670

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
26	36-43-19.8 N	085-57-41.8 W	249.9	35.0	

Address: Fountain Run WT, within the Town of

City: Fountain Run County: MONROE 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)	52.200	29.900	29.900	48.100	45.100	49.200	59.500	79.500
Transmitting ERP (watts)	182.210	79.990	9.240	0.460	0.370	0.480	10.610	83.760

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)	52.200	29.900	29.900	48.100	45.100	49.200	59.500	79.500
Transmitting ERP (watts)	2.930	27.060	138.120	171.340	47.630	4.290	0.480	0.380

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)	52.200	29.900	29.900	48.100	45.100	49.200	59.500	79.500
Transmitting ERP (watts)	0.990	0.260	0.290	1.960	27.370	95.990	74.790	12.850

Licensee Name: CELLCO PARTNERSHIP

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Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
27	36-38-51.6 N	085-17-33.1 W	320.0	59.4	

Address: Dale Hollow, 2 km SSE of

City: Frogue County: CUMBERLAND 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)	113.600	98.300	103.500	120.600	143.900	175.000	143.400	133.400
Transmitting ERP (watts)	142.380	46.500	4.580	0.370	0.300	1.790	16.850	97.650

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)	113.600	98.300	103.500	120.600	143.900	175.000	143.400	133.400
Transmitting ERP (watts)	0.260	13.660	49.610	13.050	0.700	0.190	0.190	0.190

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)	113.600	98.300	103.500	120.600	143.900	175.000	143.400	133.400
Transmitting ERP (watts)	0.310	0.190	0.190	0.190	0.680	23.200	45.240	7.010

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
28	37-23-18.7 N	085-45-39.7 W	238.7	77.7	1263443

Address: Jonesville, 3182 Pikeview Road

City: Magnolia County: HART 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)	68.600	45.100	99.400	107.600	113.700	79.200	87.100	75.400
Transmitting ERP (watts)	112.340	72.530	10.730	0.730	0.260	0.300	3.390	38.070

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)	68.600	45.100	99.400	107.600	113.700	79.200	87.100	75.400
Transmitting ERP (watts)	0.350	9.130	63.170	117.640	43.710	4.900	0.260	0.280

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)	68.600	45.100	99.400	107.600	113.700	79.200	87.100	75.400
Transmitting ERP (watts)	2.040	0.260	0.310	0.960	19.520	91.310	100.120	22.420

Licensee Name: CELLCO PARTNERSHIP

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Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
29	37-07-44.7 N	085-02-39.7 W	324.0	77.7	1257754

Address: Sycamore Flat, 309 Damon Creek Spur Road

City: Russell Springs County: RUSSELL 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)	123.600	130.100	81.100	103.900	102.600	103.500	107.800	130.600
Transmitting ERP (watts)	49.220	131.570	80.750	12.800	0.910	0.380	0.430	6.130

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)	123.600	130.100	81.100	103.900	102.600	103.500	107.800	130.600
Transmitting ERP (watts)	0.260	0.280	4.180	40.380	104.990	56.880	7.760	0.470

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)	123.600	130.100	81.100	103.900	102.600	103.500	107.800	130.600
Transmitting ERP (watts)	28.880	2.760	0.260	0.300	0.630	15.510	83.280	107.290

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
30	36-40-50.0 N	084-25-12.0 W	429.8	55.0	

Address: Pine Knot WT, 3.7 km NE of

City: Pine Knot County: MCCREARY 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)	129.900	144.800	120.800	61.600	48.300	104.400	142.100	119.500
Transmitting ERP (watts)	34.460	120.850	94.160	16.180	1.240	0.330	0.360	2.470

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)	129.900	144.800	120.800	61.600	48.300	104.400	142.100	119.500
Transmitting ERP (watts)	0.330	0.370	7.250	61.030	131.990	61.030	7.420	0.400

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)	129.900	144.800	120.800	61.600	48.300	104.400	142.100	119.500
Transmitting ERP (watts)	33.670	3.250	0.330	0.350	0.710	16.940	92.010	120.850

Licensee Name: CELLCO PARTNERSHIP

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File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
31	37-11-40.7 N	085-20-55.2 W	250.5	77.7	1268209

Address: Cane Valley, 1600 Farris Road

City: Columbia County: ADAIR 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)	87.700	83.900	79.000	67.800	85.300	97.600	112.100	124.200
Transmitting ERP (watts)	33.690	28.880	6.680	0.500	0.270	0.720	7.520	29.560

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)	87.700	83.900	79.000	67.800	85.300	97.600	112.100	124.200
Transmitting ERP (watts)	1.670	19.770	92.360	113.930	32.500	3.360	0.270	0.400

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)	87.700	83.900	79.000	67.800	85.300	97.600	112.100	124.200
Transmitting ERP (watts)	1.070	0.280	0.270	3.570	31.280	114.670	85.770	14.800

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
32	37-18-59.5 N	086-03-19.7 W	277.4	50.0	

Address: Cub Run WT, 1.25 km NNE of

City: Cub Run County: HART 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)	120.300	94.100	62.500	94.500	93.900	94.900	119.500	122.500
Transmitting ERP (watts)	148.100	66.150	7.950	0.410	0.330	0.390	8.520	69.270

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)	120.300	94.100	62.500	94.500	93.900	94.900	119.500	122.500
Transmitting ERP (watts)	0.800	19.520	104.850	135.070	36.350	3.470	0.330	0.380

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)	120.300	94.100	62.500	94.500	93.900	94.900	119.500	122.500
Transmitting ERP (watts)	1.320	0.330	0.390	2.890	38.950	135.070	104.850	17.400

Licensee Name: CELLCO PARTNERSHIP

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Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
33	36-57-06.3 N	084-49-13.8 W	251.1	91.1	1203422

Address: Conley Bottom, 13.3 km North of

City: Monticello County: WAYNE 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)	29.900	48.500	30.900	29.900	29.900	46.300	82.000	44.500
Transmitting ERP (watts)	117.640	52.550	6.320	0.320	0.260	0.310	6.770	55.020

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)	29.900	48.500	30.900	29.900	29.900	46.300	82.000	44.500
Transmitting ERP (watts)	2.050	18.640	96.060	119.550	33.460	3.140	0.340	0.270

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)	29.900	48.500	30.900	29.900	29.900	46.300	82.000	44.500
Transmitting ERP (watts)	1.050	0.260	0.310	2.290	30.940	107.290	83.280	13.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
34	36-38-23.0 N	085-46-38.0 W	271.3	45.0	

Address: Gamaliel WT, 1.75 km East of

City: Gamaliel County: MONROE 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)	45.300	35.300	29.900	36.900	61.400	52.700	77.300	68.100
Transmitting ERP (watts)	263.850	136.600	17.700	1.020	0.540	0.670	11.130	103.240

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)	45.300	35.300	29.900	36.900	61.400	52.700	77.300	68.100
Transmitting ERP (watts)	5.290	57.720	173.330	110.860	15.750	1.050	0.370	0.470

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)	45.300	35.300	29.900	36.900	61.400	52.700	77.300	68.100
Transmitting ERP (watts)	9.240	0.460	0.370	0.480	10.610	83.760	182.210	79.990

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
35	36-50-27.1 N	084-28-44.2 W	425.5	79.6	1233359

Address: 165 HWY 90 (KY13162-A)

City: Parkers Lake County: MCCREARY 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)	163.500	149.600	145.400	136.000	86.200	163.400	148.700	171.200
Transmitting ERP (watts)	2.890	33.620	100.380	66.750	9.990	0.680	0.260	0.280

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)	163.500	149.600	145.400	136.000	86.200	163.400	148.700	171.200
Transmitting ERP (watts)	0.260	0.260	0.330	7.940	56.880	104.990	40.380	4.580

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)	163.500	149.600	145.400	136.000	86.200	163.400	148.700	171.200
Transmitting ERP (watts)	20.870	16.620	3.640	0.420	0.450	1.630	14.750	20.590

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
36	36-59-34.1 N	084-56-03.7 W	291.7	77.7	1259175

Address: Alligator, 15.3 km southeast of

City: Russell Springs County: RUSSELL 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)	54.100	59.700	88.000	102.000	98.600	134.200	90.900	67.000
Transmitting ERP (watts)	152.110	67.940	8.170	0.420	0.340	0.400	8.750	71.150

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)	54.100	59.700	88.000	102.000	98.600	134.200	90.900	67.000
Transmitting ERP (watts)	0.690	14.430	63.180	78.560	25.130	2.880	0.260	0.340

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)	54.100	59.700	88.000	102.000	98.600	134.200	90.900	67.000
Transmitting ERP (watts)	1.140	0.260	0.340	2.400	26.930	78.560	63.180	12.860

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
37	37-19-35.7 N	085-45-55.6 W	227.1	77.7	1257254

Address: 5553 North Jackson Highway

City: Munfordville County: HART 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)	51.400	77.900	102.200	109.800	95.200	105.800	54.500	60.400
Transmitting ERP (watts)	122.700	78.480	11.150	0.740	0.260	0.340	3.750	40.860

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)	51.400	77.900	102.200	109.800	95.200	105.800	54.500	60.400
Transmitting ERP (watts)	0.280	0.380	9.920	69.800	128.750	47.020	5.070	0.260

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)	51.400	77.900	102.200	109.800	95.200	105.800	54.500	60.400
Transmitting ERP (watts)	6.540	0.320	0.260	0.340	7.510	59.300	128.990	56.630

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
38	36-47-19.7 N	084-28-52.0 W	407.2	77.7	1258597

Address: Flat Rock, 72 Bryant Mill Road

City: Whitley City County: MCCREARY 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)	126.900	132.400	146.800	120.400	90.700	160.300	195.600	179.100
Transmitting ERP (watts)	100.380	66.750	9.990	0.680	0.260	0.280	2.890	33.620

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)	126.900	132.400	146.800	120.400	90.700	160.300	195.600	179.100
Transmitting ERP (watts)	0.260	0.410	10.460	65.230	100.380	32.860	3.400	0.260

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)	126.900	132.400	146.800	120.400	90.700	160.300	195.600	179.100
Transmitting ERP (watts)	5.900	0.320	0.260	0.290	5.760	48.480	104.840	48.480

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
39	36-53-52.1 N	084-47-02.5 W	353.6	94.2	1238700

Address: Wayne NE, RR 2, Box 9516 (KY13178-A)

City: Monticello County: WAYNE 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)	152.800	156.600	111.800	106.100	61.800	118.700	147.100	144.800
Transmitting ERP (watts)	73.090	95.990	26.740	2.580	0.260	0.270	0.570	13.450

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)	152.800	156.600	111.800	106.100	61.800	118.700	147.100	144.800
Transmitting ERP (watts)	1.050	0.260	0.310	2.290	30.940	107.290	83.280	13.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
40	36-48-41.0 N	085-07-47.0 W	297.2	91.1	1063507

Address: Grider Hill, in the City of

City: ALBANY County: CLINTON 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)	139.900	128.800	89.600	29.900	76.500	89.400	129.500	148.400
Transmitting ERP (watts)	187.140	82.160	9.490	0.470	0.380	0.490	10.890	86.030

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)	139.900	128.800	89.600	29.900	76.500	89.400	129.500	148.400
Transmitting ERP (watts)	1.010	24.530	130.970	169.690	43.870	4.120	0.380	0.470

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)	139.900	128.800	89.600	29.900	76.500	89.400	129.500	148.400
Transmitting ERP (watts)	1.560	0.380	0.500	3.670	49.220	169.690	130.970	20.880

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	36-50-24.2 N	085-56-34.3 W	236.8	77.7	1267267

Address: Cooktown, 47 Pitcock School Road

City: Austin County: BARREN 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)	102.100	83.800	69.100	67.600	75.700	91.300	106.100	110.000
Transmitting ERP (watts)	44.890	155.660	120.830	20.050	1.520	0.380	0.450	3.330

Licensee Name: CELLCO PARTNERSHIP

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File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	36-50-24.2 N	085-56-34.3 W	236.8	77.7	1267267

Address: Cooktown, 47 Pitcock School Road

City: Austin County: BARREN 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)	102.100	83.800	69.100	67.600	75.700	91.300	106.100	110.000
Transmitting ERP (watts)	0.260	0.310	6.770	55.020	117.640	52.550	6.320	0.320

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)	102.100	83.800	69.100	67.600	75.700	91.300	106.100	110.000
Transmitting ERP (watts)	28.880	2.760	0.260	0.300	0.630	15.510	83.280	107.290

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
42	37-05-29.1 N	085-36-52.2 W	242.9	77.7	1266731

Address: Sulphur Well, 9037 Greensburg Road

City: Edmonton County: METCALFE 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)	88.600	85.300	71.200	80.200	58.000	51.600	79.800	80.200
Transmitting ERP (watts)	59.300	128.990	56.630	6.540	0.320	0.260	0.340	7.510

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)	88.600	85.300	71.200	80.200	58.000	51.600	79.800	80.200
Transmitting ERP (watts)	0.280	0.380	9.920	69.800	128.750	47.020	5.070	0.260

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)	88.600	85.300	71.200	80.200	58.000	51.600	79.800	80.200
Transmitting ERP (watts)	18.570	1.520	0.260	0.340	1.630	26.900	108.950	99.160

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
43	37-13-36.2 N	085-48-48.7 W	214.6	77.7	1257256

Address: Bunnell Crossing, 2485 South Jackson Highway

City: Horse Cave County: HART 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)	68.900	94.700	77.500	69.300	79.200	71.800	80.500	77.900
Transmitting ERP (watts)	69.800	128.750	47.020	5.070	0.260	0.280	0.380	9.920

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File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
43	37-13-36.2 N	085-48-48.7 W	214.6	77.7	1257256

Address: Bunnell Crossing, 2485 South Jackson Highway

City: Horse Cave County: HART 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)	68.900	94.700	77.500	69.300	79.200	71.800	80.500	77.900
Transmitting ERP (watts)	0.260	0.340	3.750	40.860	122.700	78.480	11.150	0.740

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)	68.900	94.700	77.500	69.300	79.200	71.800	80.500	77.900
Transmitting ERP (watts)	23.430	2.100	0.260	0.330	1.050	21.320	101.470	108.950

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
44	36-45-08.2 N	085-46-41.1 W	307.2	77.7	1263385

Address: Cedar Flats, 5612 Old Glasgow Road

City: Tompkinsville County: MONROE 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)	127.400	99.600	106.800	108.800	139.200	126.700	120.300	112.600
Transmitting ERP (watts)	106.060	51.260	7.470	0.440	0.270	0.880	9.090	54.930

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)	127.400	99.600	106.800	108.800	139.200	126.700	120.300	112.600
Transmitting ERP (watts)	2.230	17.650	79.600	97.130	30.270	3.270	0.390	0.270

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)	127.400	99.600	106.800	108.800	139.200	126.700	120.300	112.600
Transmitting ERP (watts)	1.220	0.420	0.270	4.470	33.110	100.320	76.550	15.620

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
45	37-14-29.3 N	085-11-59.5 W	262.4	77.7	1274206

Address: Knifely, Tucker Warren Road

City: Knifley County: ADAIR 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)	68.500	61.000	48.800	63.400	69.100	84.500	114.900	92.200
Transmitting ERP (watts)	114.480	130.660	49.070	6.770	0.450	0.620	5.460	32.920

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
45	37-14-29.3 N	085-11-59.5 W	262.4	77.7	1274206

Address: Knifely, Tucker Warren Road

City: Knifley County: ADAIR 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)	68.500	61.000	48.800	63.400	69.100	84.500	114.900	92.200
Transmitting ERP (watts)	5.460	32.920	114.480	130.660	49.070	6.770	0.450	0.620

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)	68.500	61.000	48.800	63.400	69.100	84.500	114.900	92.200
Transmitting ERP (watts)	0.890	0.350	3.940	22.290	94.500	128.360	70.660	11.140

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
46	37-05-19.7 N	084-54-47.3 W	331.6	106.3	1232264

Address: Font Hill, 1101 Pine Top Road

City: RUSSELL SPRINGS County: RUSSELL 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)	94.800	38.800	79.400	108.300	120.800	98.900	92.100	104.300
Transmitting ERP (watts)	130.640	34.360	1.400	0.270	0.270	0.270	0.700	35.980

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)	94.800	38.800	79.400	108.300	120.800	98.900	92.100	104.300
Transmitting ERP (watts)	10.130	0.720	0.520	5.460	30.020	118.460	146.650	67.150

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)	94.800	38.800	79.400	108.300	120.800	98.900	92.100	104.300
Transmitting ERP (watts)	0.270	0.270	0.700	35.980	130.640	34.360	1.400	0.270

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
47	36-58-11.8 N	085-26-00.6 W	343.8	77.7	1261657

Address: Sparksville, 330 Fire Dept Lane

City: Breeding County: ADAIR 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)	174.500	151.700	149.500	180.100	175.600	143.900	152.100	163.400
Transmitting ERP (watts)	63.170	117.640	43.710	4.900	0.260	0.280	0.350	9.130

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
47	36-58-11.8 N	085-26-00.6 W	343.8	77.7	1261657

Address: Sparksville, 330 Fire Dept Lane

City: Breeding County: ADAIR 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)	174.500	151.700	149.500	180.100	175.600	143.900	152.100	163.400
Transmitting ERP (watts)	0.310	0.960	19.520	91.310	100.120	22.420	2.040	0.260

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)	174.500	151.700	149.500	180.100	175.600	143.900	152.100	163.400
Transmitting ERP (watts)	6.320	0.320	0.260	0.310	6.770	55.020	117.640	52.550

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
48	37-07-03.1 N	085-52-50.8 W	232.0	77.7	1250179

Address: Barren North, 645 Jack Turner Road

City: Cave City County: BARREN 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)	88.600	97.500	78.800	56.400	66.700	81.000	89.000	73.900
Transmitting ERP (watts)	55.020	117.640	52.550	6.320	0.320	0.260	0.310	6.770

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)	88.600	97.500	78.800	56.400	66.700	81.000	89.000	73.900
Transmitting ERP (watts)	0.260	0.300	3.390	38.070	112.340	72.530	10.730	0.730

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)	88.600	97.500	78.800	56.400	66.700	81.000	89.000	73.900
Transmitting ERP (watts)	44.460	8.510	0.650	0.280	0.460	6.050	35.340	67.700

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
49	37-12-16.2 N	085-44-03.5 W	214.9	77.7	1263048

Address: Pascal, 2510 Hundred Acre Pond Road

City: Hardyville County: HART 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)	97.900	96.700	73.200	62.000	53.400	78.500	81.200	83.500
Transmitting ERP (watts)	101.470	108.950	23.430	2.100	0.260	0.330	1.050	21.320

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
49	37-12-16.2 N	085-44-03.5 W	214.9	77.7	1263048

Address: Pascal, 2510 Hundred Acre Pond Road

City: Hardyville County: HART 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	96.700	73.200	62.000	53.400	78.500	81.200	83.500
Transmitting ERP (watts)	0.340	7.510	59.300	128.990	56.630	6.540	0.320	0.260

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)	97.900	96.700	73.200	62.000	53.400	78.500	81.200	83.500
Transmitting ERP (watts)	1.520	0.260	0.340	1.630	26.900	108.950	99.160	18.570

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
50	37-03-12.3 N	085-22-03.7 W	261.2	49.1	

Address: Flatwood, 1850 Bliss Road

City: Columbia County: ADAIR 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)	78.200	61.100	61.900	52.600	38.500	29.900	48.000	88.900
Transmitting ERP (watts)	183.340	121.920	18.240	1.250	0.480	0.510	5.290	61.410

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)	78.200	61.100	61.900	52.600	38.500	29.900	48.000	88.900
Transmitting ERP (watts)	3.440	31.560	132.880	120.360	23.780	1.930	0.370	0.340

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)	78.200	61.100	61.900	52.600	38.500	29.900	48.000	88.900
Transmitting ERP (watts)	0.330	0.380	0.800	19.520	104.850	135.070	36.350	3.470

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
51	36-45-53.9 N	085-18-31.2 W	198.1	77.7	1257755

Address: Bear Creek, 4888 Albany Road

City: Burkesville County: CUMBERLAND 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)	54.100	35.900	29.900	29.900	29.900	29.900	82.300	58.000
Transmitting ERP (watts)	9.130	63.170	117.640	43.710	4.900	0.260	0.280	0.350

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
51	36-45-53.9 N	085-18-31.2 W	198.1	77.7	1257755

Address: Bear Creek, 4888 Albany Road

City: Burkesville County: CUMBERLAND 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)	54.100	35.900	29.900	29.900	29.900	29.900	82.300	58.000
Transmitting ERP (watts)	0.250	0.530	4.420	61.030	116.290	16.050	0.380	0.570

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)	54.100	35.900	29.900	29.900	29.900	29.900	82.300	58.000
Transmitting ERP (watts)	2.040	0.260	0.310	0.960	19.520	91.310	100.120	22.420

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
52	36-42-44.7 N	085-21-54.1 W	278.3	77.7	1275245

Address: Burkesville II, Clover Creek Drive

City: Burkesville County: CUMBERLAND 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)	159.000	107.500	71.900	97.500	110.200	122.500	135.900	132.300
Transmitting ERP (watts)	11.530	61.810	130.990	103.880	21.640	2.140	0.270	1.490

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)	159.000	107.500	71.900	97.500	110.200	122.500	135.900	132.300
Transmitting ERP (watts)	0.640	0.460	4.860	26.750	105.570	130.690	59.850	9.030

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)	159.000	107.500	71.900	97.500	110.200	122.500	135.900	132.300
Transmitting ERP (watts)	130.690	59.850	9.030	0.640	0.460	4.860	26.750	105.570

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
53	36-46-19.7 N	084-57-43.8 W	320.0	60.7	

Address: Zula, Route 4 Box 330A

City: Monticello County: WAYNE 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)	98.300	79.400	64.000	29.900	47.800	39.400	81.000	143.200
Transmitting ERP (watts)	80.300	122.700	38.140	3.840	0.260	0.300	0.480	13.100

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
53	36-46-19.7 N	084-57-43.8 W	320.0	60.7	

Address: Zula, Route 4 Box 330A

City: Monticello County: WAYNE 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)	98.300	79.400	64.000	29.900	47.800	39.400	81.000	143.200
Transmitting ERP (watts)	0.340	3.750	40.860	122.700	78.480	11.150	0.740	0.260

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)	98.300	79.400	64.000	29.900	47.800	39.400	81.000	143.200
Transmitting ERP (watts)	2.840	0.260	0.330	0.690	16.910	90.270	116.960	30.240

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
54	36-44-16.2 N	085-39-31.8 W	316.4	45.1	1273499

Address: Tompkinsville II, 182 Tom Ford Road

City: Tompkinsville County: MONROE 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)	52.700	96.000	157.600	122.400	67.800	99.700	86.100	98.800
Transmitting ERP (watts)	157.100	105.670	17.850	1.800	0.480	4.050	25.570	109.870

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)	52.700	96.000	157.600	122.400	67.800	99.700	86.100	98.800
Transmitting ERP (watts)	7.940	44.270	150.440	165.870	63.900	9.040	0.700	1.050

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)	52.700	96.000	157.600	122.400	67.800	99.700	86.100	98.800
Transmitting ERP (watts)	4.030	0.340	2.430	11.890	72.190	167.790	144.670	35.900

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
55	37-06-16.0 N	085-26-55.1 W	242.0	77.7	1272696

Address: Milltown, 294 Ben Smith Road

City: Columbia County: ADAIR 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)	95.100	80.000	94.100	60.700	39.400	50.000	64.200	80.400
Transmitting ERP (watts)	124.610	82.100	13.580	1.250	0.280	2.730	18.240	82.650

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
55	37-06-16.0 N	085-26-55.1 W	242.0	77.7	1272696

Address: Milltown, 294 Ben Smith Road

City: Columbia County: ADAIR 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)	95.100	80.000	94.100	60.700	39.400	50.000	64.200	80.400
Transmitting ERP (watts)	5.460	32.920	114.480	130.660	49.070	6.770	0.450	0.620

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)	95.100	80.000	94.100	60.700	39.400	50.000	64.200	80.400
Transmitting ERP (watts)	2.950	0.270	1.500	8.200	53.810	130.660	112.910	27.380

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
56	36-49-54.0 N	085-30-26.8 W	259.7	77.4	1263396

Address: Marrowbone, 9970 Glasgow Road (KY 11775-A)

City: Burkesville County: CUMBERLAND 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)	57.500	59.800	109.700	100.500	118.200	69.900	45.800	67.300
Transmitting ERP (watts)	107.290	83.280	13.820	1.050	0.260	0.310	2.290	30.940

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)	57.500	59.800	109.700	100.500	118.200	69.900	45.800	67.300
Transmitting ERP (watts)	0.630	15.510	83.280	107.290	28.880	2.760	0.260	0.300

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)	57.500	59.800	109.700	100.500	118.200	69.900	45.800	67.300
Transmitting ERP (watts)	6.320	0.320	0.260	0.310	6.770	55.020	117.640	52.550

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
57	36-49-02.3 N	084-54-11.6 W	308.8	67.1	1256099

Address: Monticello West, 3.2 km west of

City: Monticello County: WAYNE 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)	100.700	71.600	33.000	29.900	29.900	44.700	87.700	110.900
Transmitting ERP (watts)	13.100	80.300	122.700	38.140	3.840	0.260	0.300	0.480

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
57	36-49-02.3 N	084-54-11.6 W	308.8	67.1	1256099

Address: Monticello West, 3.2 km west of

City: Monticello County: WAYNE 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)	100.700	71.600	33.000	29.900	29.900	44.700	87.700	110.900
Transmitting ERP (watts)	0.260	0.280	0.380	9.920	69.800	128.750	47.020	5.070

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)	100.700	71.600	33.000	29.900	29.900	44.700	87.700	110.900
Transmitting ERP (watts)	73.680	13.650	1.130	0.260	0.370	2.600	30.680	93.270

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
58	37-21-53.4 N	085-59-06.7 W	224.3	77.7	1279268

Address: Priceville, 6465 Raider Hollow Road

City: Munfordville County: HART 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)	86.300	57.200	63.000	84.200	63.900	76.100	93.500	93.100
Transmitting ERP (watts)	122.420	126.750	40.620	4.930	0.330	0.900	5.470	39.870

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)	86.300	57.200	63.000	84.200	63.900	76.100	93.500	93.100
Transmitting ERP (watts)	1.490	11.530	61.810	130.990	103.880	21.640	2.140	0.270

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)	86.300	57.200	63.000	84.200	63.900	76.100	93.500	93.100
Transmitting ERP (watts)	11.140	0.890	0.350	3.940	22.290	94.500	128.360	70.660

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
59	36-55-11.8 N	085-46-09.4 W	281.6	60.7	

Address: 640 Spears Road

City: Eighty Eight County: BARREN 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)	73.700	80.500	60.000	52.300	80.600	106.300	140.000	84.000
Transmitting ERP (watts)	83.280	107.290	28.880	2.760	0.260	0.300	0.630	15.510

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
59	36-55-11.8 N	085-46-09.4 W	281.6	60.7	

Address: 640 Spears Road

City: Eighty Eight County: BARREN 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)	73.700	80.500	60.000	52.300	80.600	106.300	140.000	84.000
Transmitting ERP (watts)	0.300	4.900	45.770	117.640	63.170	8.330	0.490	0.260

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)	73.700	80.500	60.000	52.300	80.600	106.300	140.000	84.000
Transmitting ERP (watts)	10.730	0.730	0.260	0.300	3.390	38.070	112.340	72.530

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
60	36-47-29.1 N	085-41-06.2 W	304.8	77.7	1258492

Address: Monroe North, 2543 John Eaton Road

City: Tompkinsville County: MONROE 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)	74.500	125.700	119.500	131.700	96.800	116.700	93.400	125.200
Transmitting ERP (watts)	112.340	72.530	10.730	0.730	0.260	0.300	3.390	38.070

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)	74.500	125.700	119.500	131.700	96.800	116.700	93.400	125.200
Transmitting ERP (watts)	0.290	0.450	12.040	74.220	112.340	35.530	3.720	0.260

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)	74.500	125.700	119.500	131.700	96.800	116.700	93.400	125.200
Transmitting ERP (watts)	6.320	0.320	0.260	0.310	6.770	55.020	117.640	52.550

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
61	36-53-03.2 N	085-06-05.4 W	287.7	77.7	1254846

Address: Lake Cumberland Dam, 3.2 km south of

City: Freedom County: RUSSELL 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)	74.300	122.800	93.300	119.500	87.000	111.600	154.900	86.500
Transmitting ERP (watts)	170.670	76.240	9.170	0.470	0.380	0.450	9.820	79.830

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
61	36-53-03.2 N	085-06-05.4 W	287.7	77.7	1254846

Address: Lake Cumberland Dam, 3.2 km south of

City: Freedom County: RUSSELL 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)	74.300	122.800	93.300	119.500	87.000	111.600	154.900	86.500
Transmitting ERP (watts)	0.920	22.500	120.830	155.660	41.900	4.000	0.380	0.440

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)	74.300	122.800	93.300	119.500	87.000	111.600	154.900	86.500
Transmitting ERP (watts)	1.520	0.380	0.450	3.330	44.890	155.660	120.830	20.050

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
62	36-45-30.5 N	085-12-09.6 W	306.6	77.7	1258453

Address: Ida, Route 5, Box 473AA

City: Albany County: CLINTON 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)	153.900	117.200	66.500	76.800	116.300	109.600	166.800	149.300
Transmitting ERP (watts)	78.620	88.210	8.620	0.340	0.240	0.240	0.240	4.520

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)	153.900	117.200	66.500	76.800	116.300	109.600	166.800	149.300
Transmitting ERP (watts)	0.630	15.510	83.280	107.290	28.880	2.760	0.260	0.300

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)	153.900	117.200	66.500	76.800	116.300	109.600	166.800	149.300
Transmitting ERP (watts)	17.800	1.480	0.260	0.310	1.480	24.580	100.120	93.440

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
63	37-00-27.8 N	085-15-14.6 W	286.5	77.7	1278367

Address: 340 J. Brummett Road

City: Glens Fork County: ADAIR 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)	108.300	86.800	79.000	82.200	122.700	100.800	68.500	113.500
Transmitting ERP (watts)	133.000	105.720	22.590	2.360	0.270	1.950	13.040	65.860

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
63	37-00-27.8 N	085-15-14.6 W	286.5	77.7	1278367

Address: 340 J. Brummett Road

City: Glens Fork County: ADAIR 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)	108.300	86.800	79.000	82.200	122.700	100.800	68.500	113.500
Transmitting ERP (watts)	4.510	24.420	99.090	128.840	72.230	11.760	1.030	0.510

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)	108.300	86.800	79.000	82.200	122.700	100.800	68.500	113.500
Transmitting ERP (watts)	5.350	0.420	1.180	6.560	42.490	126.600	128.390	42.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
64	37-05-35.9 N	086-03-49.8 W	215.2	77.7	1275870

Address: 23190 Louisville Road

City: Park City County: BARREN 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)	71.400	55.000	74.000	71.800	65.900	95.700	105.600	98.500
Transmitting ERP (watts)	57.340	133.270	114.910	28.510	3.200	0.270	1.930	9.450

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)	71.400	55.000	74.000	71.800	65.900	95.700	105.600	98.500
Transmitting ERP (watts)	0.310	1.620	6.890	49.700	131.390	122.590	35.260	4.140

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)	71.400	55.000	74.000	71.800	65.900	95.700	105.600	98.500
Transmitting ERP (watts)	72.230	11.760	1.030	0.510	4.510	24.420	99.090	128.840

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
65	37-04-01.1 N	085-50-36.0 W	249.3	74.4	1250180

Address: Hiseville, 26 Jack Smith Road

City: Glasgow County: BARREN 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)	112.300	98.100	70.600	54.300	71.800	96.100	89.000	109.300
Transmitting ERP (watts)	74.790	99.710	12.510	0.540	0.240	0.240	0.240	5.280

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
65	37-04-01.1 N	085-50-36.0 W	249.3	74.4	1250180

Address: Hiseville, 26 Jack Smith Road

City: Glasgow County: BARREN 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)	112.300	98.100	70.600	54.300	71.800	96.100	89.000	109.300
Transmitting ERP (watts)	3.940	22.290	94.500	128.360	70.660	11.140	0.890	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)	112.300	98.100	70.600	54.300	71.800	96.100	89.000	109.300
Transmitting ERP (watts)	0.890	0.350	3.940	22.290	94.500	128.360	70.660	11.140

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
66	37-19-28.6 N	085-51-23.6 W	261.5	77.7	1263442

Address: Hinesdale, 785 Kirt Logsdon Road

City: Munfordville County: HART 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)	98.200	83.500	121.800	134.000	140.300	151.300	92.900	107.500
Transmitting ERP (watts)	83.280	107.290	28.880	2.760	0.260	0.300	0.630	15.510

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)	98.200	83.500	121.800	134.000	140.300	151.300	92.900	107.500
Transmitting ERP (watts)	0.350	9.130	63.170	117.640	43.710	4.900	0.260	0.280

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)	98.200	83.500	121.800	134.000	140.300	151.300	92.900	107.500
Transmitting ERP (watts)	3.720	0.260	0.290	0.450	12.040	74.220	112.340	35.530

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
67	37-10-38.0 N	085-55-14.4 W	280.1	77.7	1267522

Address: Horse Cave Downtown, 413 West Main Street

City: Horse Cave County: HART 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)	144.700	148.100	149.200	139.100	134.300	143.800	130.200	158.900
Transmitting ERP (watts)	2.790	65.390	98.980	12.180	0.450	0.240	0.240	0.240

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
67	37-10-38.0 N	085-55-14.4 W	280.1	77.7	1267522

Address: Horse Cave Downtown, 413 West Main Street

City: Horse Cave County: HART 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)	144.700	148.100	149.200	139.100	134.300	143.800	130.200	158.900
Transmitting ERP (watts)	0.240	0.240	0.270	16.050	108.530	50.760	2.790	0.240

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)	144.700	148.100	149.200	139.100	134.300	143.800	130.200	158.900
Transmitting ERP (watts)	39.400	1.890	0.240	0.240	0.240	0.360	22.670	113.640

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
68	37-04-25.0 N	085-42-47.2 W	246.2	77.7	1260710

Address: 243 Harold Poynter Road

City: Knob Lick County: METCALFE 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)	89.000	88.700	80.700	66.000	38.100	60.300	78.700	107.700
Transmitting ERP (watts)	116.290	30.590	1.250	0.240	0.240	0.240	0.620	32.030

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)	89.000	88.700	80.700	66.000	38.100	60.300	78.700	107.700
Transmitting ERP (watts)	12.040	74.220	112.340	35.530	3.720	0.260	0.290	0.450

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)	89.000	88.700	80.700	66.000	38.100	60.300	78.700	107.700
Transmitting ERP (watts)	8.330	0.490	0.260	0.300	4.900	45.770	117.640	63.170

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
69	37-01-03.9 N	085-54-42.3 W	254.8	68.5	1230168

Address: Glasgow II, 156 Robert Bishop Road

City: Glasgow County: BARREN 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)	101.800	97.200	66.700	75.200	101.000	116.100	103.100	98.800
Transmitting ERP (watts)	80.450	63.170	11.630	0.910	0.260	0.260	1.680	22.420

Licensee Name: CELLCO PARTNERSHIP

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File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
69	37-01-03.9 N	085-54-42.3 W	254.8	68.5	1230168

Address: Glasgow II, 156 Robert Bishop Road

City: Glasgow County: BARREN 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)	101.800	97.200	66.700	75.200	101.000	116.100	103.100	98.800
Transmitting ERP (watts)	0.510	11.360	61.740	82.330	23.470	2.370	0.260	0.260

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)	101.800	97.200	66.700	75.200	101.000	116.100	103.100	98.800
Transmitting ERP (watts)	1.060	0.240	0.240	0.240	2.850	44.210	63.910	11.630

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
70	36-59-35.6 N	085-46-20.7 W	256.3	106.4	1248189

Address: Slick Rock, 1636 Beaver Creek Road

City: Glasgow County: BARREN 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)	93.300	80.400	81.500	50.600	92.700	113.300	106.000	103.200
Transmitting ERP (watts)	13.820	74.230	95.620	25.740	2.460	0.240	0.270	0.560

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)	93.300	80.400	81.500	50.600	92.700	113.300	106.000	103.200
Transmitting ERP (watts)	0.240	0.280	6.030	49.040	104.850	46.830	5.630	0.290

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)	93.300	80.400	81.500	50.600	92.700	113.300	106.000	103.200
Transmitting ERP (watts)	10.240	0.670	0.240	0.240	4.070	34.450	104.820	65.670

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
71	36-53-29.8 N	085-50-49.9 W	237.4	60.6	

Address: Temple Hill, 215 Peden-Matthews Road

City: Glasgow County: BARREN 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)	47.300	45.800	38.900	59.200	48.200	58.600	85.800	82.100
Transmitting ERP (watts)	30.940	107.290	83.280	13.820	1.050	0.260	0.310	2.290

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Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
71	36-53-29.8 N	085-50-49.9 W	237.4	60.6	

Address: Temple Hill, 215 Peden-Matthews Road

City: Glasgow County: BARREN 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)	47.300	45.800	38.900	59.200	48.200	58.600	85.800	82.100
Transmitting ERP (watts)	0.380	0.450	9.820	79.830	170.670	76.240	9.170	0.470

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)	47.300	45.800	38.900	59.200	48.200	58.600	85.800	82.100
Transmitting ERP (watts)	41.900	4.000	0.380	0.440	0.920	22.500	120.830	155.660

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
72	36-50-21.2 N	085-36-18.3 W	268.2	77.7	1261655

Address: Willow Shade, 680 N.C. Hurt Road

City: Tompkinsville County: MONROE 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)	78.200	72.500	122.700	127.900	90.600	44.500	58.900	42.500
Transmitting ERP (watts)	19.520	91.310	100.120	22.420	2.040	0.260	0.310	0.960

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)	78.200	72.500	122.700	127.900	90.600	44.500	58.900	42.500
Transmitting ERP (watts)	0.260	0.300	3.390	38.070	112.340	72.530	10.730	0.730

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)	78.200	72.500	122.700	127.900	90.600	44.500	58.900	42.500
Transmitting ERP (watts)	28.880	2.760	0.260	0.300	0.630	15.510	83.280	107.290

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
73	36-45-21.5 N	085-03-35.7 W	353.6	78.6	1258266

Address: Cartwright, Old Hwy 90 (KY10655-A)

City: Albany County: CLINTON 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)	156.900	140.200	105.000	45.800	77.300	86.000	132.200	171.200
Transmitting ERP (watts)	131.390	122.590	35.260	4.140	0.310	1.620	6.890	49.700

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File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
73	36-45-21.5 N	085-03-35.7 W	353.6	78.6	1258266

Address: Cartwright, Old Hwy 90 (KY10655-A)

City: Albany County: CLINTON 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)	156.900	140.200	105.000	45.800	77.300	86.000	132.200	171.200
Transmitting ERP (watts)	2.180	16.200	75.640	129.140	95.070	17.850	1.750	0.270

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)	156.900	140.200	105.000	45.800	77.300	86.000	132.200	171.200
Transmitting ERP (watts)	9.560	0.760	0.650	5.540	28.840	110.190	131.780	61.330

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
74	37-05-28.2 N	085-18-03.9 W	251.4	93.2	1228813

Address: Columbia II, 1117 Gaston Ave.

City: Columbia County: ADAIR 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)	84.700	76.800	55.100	72.700	59.500	47.200	97.600	100.900
Transmitting ERP (watts)	3.730	15.320	11.730	14.350	8.940	0.760	0.260	0.260

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)	84.700	76.800	55.100	72.700	59.500	47.200	97.600	100.900
Transmitting ERP (watts)	0.490	0.260	0.300	4.900	45.770	117.640	63.170	8.330

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)	84.700	76.800	55.100	72.700	59.500	47.200	97.600	100.900
Transmitting ERP (watts)	12.770	12.150	3.620	0.260	0.270	0.520	7.080	13.060

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
75	36-39-32.1 N	085-36-54.3 W	314.6	77.7	1278911

Address: Hestand, 150 H. Spears Road

City: Hestand County: MONROE 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)	126.100	199.100	169.300	169.200	113.100	113.800	129.800	107.000
Transmitting ERP (watts)	124.610	82.100	13.580	1.250	0.280	2.730	18.240	82.650

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
75	36-39-32.1 N	085-36-54.3 W	314.6	77.7	1278911

Address: Hestand, 150 H. Spears Road

City: Hestand County: MONROE 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)	126.100	199.100	169.300	169.200	113.100	113.800	129.800	107.000
Transmitting ERP (watts)	0.230	4.050	48.030	38.780	3.370	0.230	0.230	0.230

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)	126.100	199.100	169.300	169.200	113.100	113.800	129.800	107.000
Transmitting ERP (watts)	0.300	0.270	0.270	0.270	7.860	98.980	82.330	6.390

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
76	37-01-28.9 N	085-56-25.6 W	200.3	38.1	1271460

Address: Glasgow III, 3576 Vetrans Outer Loop

City: Glasgow County: BARREN 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)	29.900	29.900	29.900	29.900	29.900	46.700	29.900	29.900
Transmitting ERP (watts)	2.050	33.870	137.170	124.840	23.380	1.910	0.330	0.430

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)	29.900	29.900	29.900	29.900	29.900	46.700	29.900	29.900
Transmitting ERP (watts)	0.630	0.330	0.410	6.840	63.420	162.090	83.920	10.870

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)	29.900	29.900	29.900	29.900	29.900	46.700	29.900	29.900
Transmitting ERP (watts)	154.470	48.010	4.830	0.330	0.380	0.600	16.490	101.100

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
77	36-56-37.0 N	086-00-52.0 W	218.9	91.1	1063506

Address: BARREN RIVER LAKE

City: HAYWOOD County: BARREN 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)	87.800	87.700	78.400	83.300	98.200	130.100	114.100	96.200
Transmitting ERP (watts)	101.050	42.130	4.720	0.240	0.240	0.610	5.870	42.130

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
77	36-56-37.0 N	086-00-52.0 W	218.9	91.1	1063506

Address: BARREN RIVER LAKE

City: HAYWOOD County: BARREN 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)	87.800	87.700	78.400	83.300	98.200	130.100	114.100	96.200
Transmitting ERP (watts)	3.390	28.830	96.130	59.190	8.040	0.390	0.240	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)	87.800	87.700	78.400	83.300	98.200	130.100	114.100	96.200
Transmitting ERP (watts)	0.620	0.240	0.340	2.410	23.740	91.110	68.010	10.650

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
78	36-58-44.0 N	085-36-47.0 W	249.9	45.7	

Address: Edmonton Downtown Water Tank, in the town of

City: Edmonton County: METCALFE 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)	48.500	29.900	29.900	29.900	29.900	29.900	29.900	42.000
Transmitting ERP (watts)	117.640	52.550	6.320	0.320	0.260	0.310	6.770	55.020

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)	48.500	29.900	29.900	29.900	29.900	29.900	29.900	42.000
Transmitting ERP (watts)	0.630	15.510	83.280	107.290	28.880	2.760	0.260	0.300

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)	48.500	29.900	29.900	29.900	29.900	29.900	29.900	42.000
Transmitting ERP (watts)	1.050	0.260	0.310	2.290	30.940	107.290	83.280	13.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
79	36-52-32.5 N	085-24-08.7 W	265.2	77.7	1275158

Address: Smith Bridge, 7031 Columbia Road

City: Burkesville County: CUMBERLAND 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)	50.900	83.800	118.700	123.800	120.900	128.700	92.600	76.800
Transmitting ERP (watts)	5.460	32.920	114.480	130.660	49.070	6.770	0.450	0.620

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN814

File Number: 0009262182

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
79	36-52-32.5 N	085-24-08.7 W	265.2	77.7	1275158

Address: Smith Bridge, 7031 Columbia Road

City: Burkesville County: CUMBERLAND 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)	50.900	83.800	118.700	123.800	120.900	128.700	92.600	76.800
Transmitting ERP (watts)	1.250	0.280	2.730	18.240	82.650	124.610	82.100	13.580

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)	50.900	83.800	118.700	123.800	120.900	128.700	92.600	76.800
Transmitting ERP (watts)	93.210	17.180	1.520	0.270	1.720	14.250	71.470	128.360

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
80	36-46-19.8 N	084-45-59.0 W	351.7	77.7	1271461

Address: Coopersville, 145 Abbott Road

City: Monticello County: WAYNE 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)	67.900	149.400	100.200	78.600	97.200	29.900	101.300	118.700
Transmitting ERP (watts)	3.330	29.550	115.490	103.170	20.970	1.630	0.360	0.270

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)	67.900	149.400	100.200	78.600	97.200	29.900	101.300	118.700
Transmitting ERP (watts)	0.280	0.270	3.570	31.280	114.670	85.770	14.800	1.070

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)	67.900	149.400	100.200	78.600	97.200	29.900	101.300	118.700
Transmitting ERP (watts)	11.150	0.740	0.260	0.340	3.750	40.860	122.700	78.480

Control Points:

Control Pt. No. 1

Address: 316-W LINCOLN TRAIL

City: RADCLIFF County: State: KY Telephone Number:

Waivers/Conditions:

NONE



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ULS Application

0009441402 - Cellco Partnership

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MAIN

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TRANS LOG

NOTIFICATION

File Number	0009441402	Application Status	Q - Accepted
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General Information

Application Purpose	NT - Required Notification		
Existing Radio Service			
Authorization Type		Emergency STA	
Receipt Date	03/05/2021	Action Date	03/09/2021
Entered Date	03/05/2021	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments		Grandfathered Privileges	
Application Fee Exempt	No	Regulatory Fee Exempt	
Major Request			

Applicant Information

FRN	0003290673 (View Ownership Filing)	Type	General Partnership
Name	Cellco Partnership 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022 ATTN Regulatory		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com
Real Party in Interest		FRN of Real Party in Interest	

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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Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WPZV473), File Number (0010160221), and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

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

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WPZV473

File Number: 0010160221

Print Date: 02-15-2023

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0010223928 - New Cingular Wireless PCS, LLC

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MAIN		ADMIN	LEASE INFO	LEASES	DATES	REVENUE
File Number	0010223928			Application Status	Q - Accepted	
Application Purpose	LN - New Lease			Classification of Lease	Spectrum Manager	
General Information						
Application Purpose	LN - New Lease					
Receipt Date	09/30/2022					
Entered Date	09/30/2022			Action Date	11/09/2022	
Waiver	No			Number of Rules		
Attachments	Yes					
Application Fee Exempt	No			Waiver/Deferral Fee	No	
Licensee Information						
FRN	0003290673 (View Ownership Filing)			Type	General Partnership	
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022				P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com	
Race				Gender		
Ethnicity						
Licensee Contact Information						
Name	Verizon Sarah Trosch 1300 I St NW - Suite 500 East Washington, DC 20005				P:(202)515-2453 E:sarah.trosch@verizon.com	
Lessee Information						
FRN	0003291192 (View Ownership)			Type	Limited Liability Company	

Name	New Cingular Wireless PCS, LLC ATTN Cecil J. Mathew 208 S. Akard Street, RM 1016 Dallas, TX 75202		P:(855)699-7073 F:(214)746-6410 E:FCCMW@att.com
Real Party In Interest	AT&T Inc.	FRN of Real Party in Interest	0005193701
Race		Gender	
Ethnicity			

Lessee Contact Information

Name	AT&T Mobility LLC ATTN Michael P. Goggin 1120 20th Street NW, Suite 1000 Washington, DC 20036		P:(202)457-2055 E:michael.p.goggin@att.com
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Lessee Qualifications and Ownership Information

Radio Service Type			
Regulatory Status		Interconnected	

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WQCS429), File Number (0010160221), and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQCS429

File Number: 0010160221

Print Date: 02-15-2023

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0010223928 - New Cingular Wireless PCS, LLC

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MAIN		ADMIN		LEASE INFO		LEASES		DATES		REVENUE	
File Number	0010223928			Application Status	Q - Accepted						
Application Purpose	LN - New Lease			Classification of Lease	Spectrum Manager						
General Information											
Application Purpose	LN - New Lease										
Receipt Date	09/30/2022										
Entered Date	09/30/2022			Action Date	11/09/2022						
Waiver	No			Number of Rules							
Attachments	Yes										
Application Fee Exempt	No			Waiver/Deferral Fee	No						
Licensee Information											
FRN	0003290673 (View Ownership Filing)			Type	General Partnership						
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Network Engineering Alpharetta, GA 30022			P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com							
Race				Gender							
Ethnicity											
Licensee Contact Information											
Name	Verizon Sarah Trosch 1300 I St NW - Suite 500 East Washington, DC 20005			P:(202)515-2453 E:sarah.trosch@verizon.com							
Lessee Information											
FRN	0003291192 (View Ownership)			Type	Limited Liability Company						

Name	New Cingular Wireless PCS, LLC ATTN Cecil J. Mathew 208 S. Akard Street, RM 1016 Dallas, TX 75202		P:(855)699-7073 F:(214)746-6410 E:FCCMW@att.com
Real Party In Interest	AT&T Inc.	FRN of Real Party in Interest	0005193701
Race		Gender	
Ethnicity			

Lessee Contact Information

Name	AT&T Mobility LLC ATTN Michael P. Goggin 1120 20th Street NW, Suite 1000 Washington, DC 20036		P:(202)457-2055 E:michael.p.goggin@att.com
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Lessee Qualifications and Ownership Information

Radio Service Type			
Regulatory Status		Interconnected	

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA718

File Number: 0009793647

Print Date: 02-23-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0010761275 - Trace-Tek

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MAIN		ADMIN	TRANS LOG	LEASE INFO	LEASES	DATES	REVENUE
File Number	0010761275	Application Status	G - Granted				
Application Purpose	AM - Amendment	Classification of Lease	De Facto Transfer				
General Information							
Application Purpose	AM - Amendment	Original Application Purpose	LN - New Lease				
Receipt Date	04/09/2024		See Full Filing History				
Entered Date	04/09/2024	Action Date	04/11/2024				
Waiver	No	Number of Rules					
Attachments	Yes						
Application Fee Exempt	No	Waiver/Deferral Fee	No				
Licensee Information							
FRN	0003290673 (View Ownership Filing)	Type	General Partnership				
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com				
Race		Gender					
Ethnicity							
Licensee Contact Information							
Name	Verizon Sarah Trosch 1300 I St, NW- Suite 500 East Washington, DC 20005		P:(202)515-2453 E:sarah.trosch@verizon.com				
Lessee Information							
FRN	0030856223 (View Ownership)	Type	Limited Liability Company				

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

Lessee Contact Information

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

Radio Service Type			
Regulatory Status		Interconnected	

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WQGA940), File Number (0009774996), and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz)).

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA940

File Number: 0009774996

Print Date: 12-21-2021

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0010761275 - Trace-Tek

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MAIN		ADMIN	TRANS LOG	LEASE INFO	LEASES	DATES	REVENUE
File Number	0010761275	Application Status	G - Granted				
Application Purpose	AM - Amendment	Classification of Lease	De Facto Transfer				
General Information							
Application Purpose	AM - Amendment	Original Application Purpose	LN - New Lease				
Receipt Date	04/09/2024		See Full Filing History				
Entered Date	04/09/2024	Action Date	04/11/2024				
Waiver	No	Number of Rules					
Attachments	Yes						
Application Fee Exempt	No	Waiver/Deferral Fee	No				
Licensee Information							
FRN	0003290673 (View Ownership Filing)	Type	General Partnership				
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com				
Race		Gender					
Ethnicity							
Licensee Contact Information							
Name	Verizon Sarah Trosch 1300 I St, NW- Suite 500 East Washington, DC 20005		P:(202)515-2453 E:sarah.trosch@verizon.com				
Lessee Information							
FRN	0030856223 (View Ownership)	Type	Limited Liability Company				

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

Lessee Contact Information

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

Radio Service Type			
Regulatory Status		Interconnected	

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: CELLCO PARTNERSHIP

Call Sign: 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

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MAIN

ADMIN

TRANS LOG

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 (View Ownership Filing)	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
Qualifications, Ownership			
Radio Service Type	Mobile		
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		Gender	
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

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

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

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

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

Conditions:

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

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQJQ692

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0011075375 - Trace-Tek

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MAIN		ADMIN	LEASE INFO	LEASES	DATES	REVENUE
File Number	0011075375	Application Status	G - Granted			
Application Purpose	LN - New Lease	Classification of Lease	De Facto Transfer			
General Information						
Application Purpose	LN - New Lease					
Receipt Date	05/23/2024					
Entered Date	05/23/2024	Action Date	07/26/2024			
Waiver	No	Number of Rules				
Attachments	Yes					
Application Fee Exempt	No	Waiver/Deferral Fee	No			
Licensee Information						
FRN	0003290673 (View Ownership Filing)	Type	General Partnership			
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com			
Race		Gender				
Ethnicity						
Licensee Contact Information						
Name	Verizon Sarah Trosch 1300 I St, NW- Suite 500 East Washington, DC 20005		P:(202)515-2453 E:sarah.trosch@verizon.com			
Lessee Information						
FRN	0030856223 (View Ownership)	Type	Limited Liability Company			

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

Lessee Contact Information

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

Lessee Qualifications and Ownership Information

Radio Service Type			
Regulatory Status		Interconnected	

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Call Sign WRWD815	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 09-23-2022	Effective Date 09-23-2022	Expiration Date 09-06-2025	Print Date
Market Number BTA263	Channel Block C	Sub-Market Designator 8	
Market Name Louisville, KY			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. 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: WRWD815

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0010170266 - Cellco Partnership

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MAIN

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REVENUE

File Number	0010170266	Application Status	M - Consummated
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General Information

Application Purpose	AA - Assignment of Authorization		
Receipt Date	08/23/2022		
Entered Date	08/23/2022	Action Date	02/10/2023
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Assignor Information

FRN	0003291192 (View Ownership Filing)	Type	Limited Liability Company
Name	New Cingular Wireless PCS, LLC ATTN Cecil J Mathew 208 S. Akard Street, RM 1016 Dallas, TX 75202		P:(855)699-7073 F:(214)746-6410 E:FCCMW@att.com
Race		Gender	
Ethnicity			

Assignor Contact Information

Name	AT&T Mobility LLC ATTN Michael P. Goggin 1120 20th Street NW, Suite 1000 Washington, DC 20036		P:(202)457-2055 E:michael.p.goggin@att.com
------	--	--	---

Assignee Information

FRN	0003290673 (View Ownership)	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com

	Engineering Alpharetta, GA 30022		
Real Party In Interest	Cellco Partnership	FRN of Real Party in Interest	0003290673
Race		Gender	
Ethnicity			

Assignee 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
------	--	--	---

Assignee Qualifications and Ownership Information

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WRWD818), File Number, and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz))

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations.

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

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRWD818

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0010170266 - Cellco Partnership

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REVENUE

File Number	0010170266	Application Status	M - Consummated
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General Information

Application Purpose	AA - Assignment of Authorization		
Receipt Date	08/23/2022		
Entered Date	08/23/2022	Action Date	02/10/2023
Waiver	No	Number of Rules	
Attachments	Yes		
Application Fee Exempt	No	Waiver/Deferral Fee	No

Assignor Information

FRN	0003291192 (View Ownership Filing)	Type	Limited Liability Company
Name	New Cingular Wireless PCS, LLC ATTN Cecil J Mathew 208 S. Akard Street, RM 1016 Dallas, TX 75202		P:(855)699-7073 F:(214)746-6410 E:FCCMW@att.com
Race		Gender	
Ethnicity			

Assignor Contact Information

Name	AT&T Mobility LLC ATTN Michael P. Goggin 1120 20th Street NW, Suite 1000 Washington, DC 20036		P:(202)457-2055 E:michael.p.goggin@att.com
------	--	--	---

Assignee Information

FRN	0003290673 (View Ownership)	Type	General Partnership
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com

	Engineering Alpharetta, GA 30022		
Real Party In Interest	Cellco Partnership	FRN of Real Party in Interest	0003290673
Race		Gender	
Ethnicity			

Assignee 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
------	--	--	---

Assignee Qualifications and Ownership Information

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

Table with Call Sign (WRWF637), File Number (0010170298), and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz)).

FCC Registration Number (FRN): 0003290673

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

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations.

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

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRWF637

File Number: 0010170298

Print Date: 02-16-2023

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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ULS Application

0010761275 - Trace-Tek

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MAIN		ADMIN	TRANS LOG	LEASE INFO	LEASES	DATES	REVENUE
File Number	0010761275	Application Status	G - Granted				
Application Purpose	AM - Amendment	Classification of Lease	De Facto Transfer				
General Information							
Application Purpose	AM - Amendment	Original Application Purpose	LN - New Lease				
Receipt Date	04/09/2024		See Full Filing History				
Entered Date	04/09/2024	Action Date	04/11/2024				
Waiver	No	Number of Rules					
Attachments	Yes						
Application Fee Exempt	No	Waiver/Deferral Fee	No				
Licensee Information							
FRN	0003290673 (View Ownership Filing)	Type	General Partnership				
Name	Cellco Partnership ATTN Regulatory 5055 North Point Pkwy, NP2NE Engineering Alpharetta, GA 30022		P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com				
Race		Gender					
Ethnicity							
Licensee Contact Information							
Name	Verizon Sarah Trosch 1300 I St, NW- Suite 500 East Washington, DC 20005		P:(202)515-2453 E:sarah.trosch@verizon.com				
Lessee Information							
FRN	0030856223 (View Ownership)	Type	Limited Liability Company				

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

Lessee Contact Information

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

Lessee Qualifications and Ownership Information

Radio Service Type			
Regulatory Status		Interconnected	

Alien Ownership

The Applicant answered "No" to each of the [Alien Ownership](#) questions.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

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EXHIBIT B

SITE DEVELOPMENT PLAN:

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



11101 ANDERSON DR SUITE 200,
LITTLE ROCK, AR 72212

CK GLOVER CREEK

725005
486 SUMMER SHADE RD,
SUMMER SHADE, KY 42166
METCALFE COUNTY

TENANT: CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS
"CK GLOVER CREEK"
BUILDING #:

DIRECTION FROM: 201 E STOCKTON ST, EDMONTON, KY 42129: HEAD WEST ON E STOCKTON ST TOWARD KY-496 / EAST ST, 430 FT, TURN LEFT ONTO KY-163 / S MAIN ST, 8.3 MI, TURN RIGHT ONTO KY-90 / SUMMER SHADE RD, 4.2 MI, ARRIVE AT, 486 SUMMER SHADE RD, SUMMER SHADE, KY 42166



11101 ANDERSON DR
SUITE 200
LITTLE ROCK, AR 72212



49030 Pontiac Trail, Suite 100
Wixom, Michigan 48393
PHONE: (248) 705-9212

**NEW 250' SELF SUPPORT TOWER
W/ 5' LIGHTNING ROD
TOTAL TOWER HEIGHT 255'**

TOWER_OWNER_SITE
CK GLOVER CREEK
SITE #: 725005

VERIZON_WIRELESS_SITE
CK GLOVER CREEK
PROJECT#: 16735941
MARKET ID: INKY
MDG#: 5000908543

SITE_ADDRESS
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY
E911 ADDRESS:
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166

TOWER_OWNER
HARMONI TOWER
11101 ANDERSON DR SUITE 200,
LITTLE ROCK, AR 72212

PROPERTY_OWNER
BOWMAN JANE
708 SUMMER SHADE RD
SUMMER SHADE, KY 42166
270-590-6831
JKBOWMAN29@ICLOUD.COM

POLICE
METCALFE COUNTY SHERIFF DEPARTMENT
(270) 432-3041/(270) 651-6161

FIRE
SUMMER SHADE VOLUNTEER FIRE
DEPARTMENT
PHONE: (270) 428-3322/(270) 651-6161

GENERAL_INFORMATION
LATITUDE - 36° 53' 46.16" N
LONGITUDE - 85° 44' 03.79" W
1983 (NAD83)
ELEVATION - 838.5'± AMSL
1988 (NAVD88)

TOWER_OWNER_LEASE_AREA
100'-0" x 100'-0"
(10000 SF)

VERIZON_WIRELESS_LEASE_AREA
(500 SF)

PROJECT_TOTAL_DISTURBED_AREA
COMPOUND AND ADJACENT GRADING: 5657
SQFT (0.13 ACRES)
ACCESS DRIVE + UTILITY: 3434 SQFT (0.08
ACRES)
GROSS AREA: 9091 SQFT (0.21 ACRES)

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 HIS SUB-CONTRACTORS UNLESS NOTED AS (VZW GC) WHICH SHALL INCLUDE VERIZON WIRELESS GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS. GENERALLY DESCRIBED BELOW:

TOWER_OWNER_SCOPE:

- INSTALL A NEW 250' TYPE TOWER w/ 5' LIGHTNING ROD (TOTAL 255')
- INSTALL A NEW TOWER FOUNDATION SYSTEM
- INSTALL A NEW 50'X50' FENCED GRAVEL COMPOUND
- INSTALL A NEW ELECTRICAL SERVICE RUN TO SITE UTILITY H-FRAME
- INSTALL A NEW GRAVEL ACCESS DRIVE
- NO WATER OR SEWAGE SERVICES RUN TO SITE
- INSTALL NEW TOWER & SITE GROUNDING SYSTEM
- INSTALL NEW VZW SUBSURFACE GROUNDING SYSTEM
- INSTALL A NEW VZW CONCRETE EQUIPMENT AND GENERATOR PADS
- INSTALL VZW ICE BRIDGE AND FOUNDATIONS
- INSTALL VZW EQUIPMENT H-FRAME AND FOUNDATIONS
- INSTALL ELECTRICAL SERVICE CONDUIT WITH PULL TAPES FROM 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 GENERATOR PAD
- INSTALL (1) NEW "VERIZON WIRELESS ONLY" FIBER OPTIC 4" PVC CONDUIT WITH (3) 1" SMOOTH WALL HDPE INNERDUCTS WITH PULL TAPES AND TRACER WIRE FROM VZW EQUIPMENT TO NEW "VERIZON WIRELESS ONLY" 24"X36" HAND HOLE OUTSIDE COMPOUND THEN 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 INTERNATIONAL MECHANICAL CODE (IMC 2015)
PLUMBING CODE KENTUCKY STATE PLUMBING CODE (815 KAR CHAP. 20)
ELECTRICAL CODE 2017 NATIONAL ELECTRICAL CODE (NEC) - NFPA 70
FIRE/LIFE SAFETY CODE 2015 INTERNATIONAL FIRE CODE (2015 IFC)
ENERGY CODE 2012 INTERNATIONAL ENERGY CODE (COMMERCIAL)
GAS CODE 2012 NATIONAL FUEL GAS CODE (NFPA 54)

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

APPLICABLE CODES

SURVEYOR
FSTAN
1012 S 4TH STREET, SUITE 101
LOUISVILLE, KY 40203
PH: (502) 636-5111
FAX: (502) 636-5263

ENGINEER
DMITRIY ALBUL, P.E.
OFFICE PH: (716) 800-1364
MOBILE PH: (716) 650-8147
EMAIL: DALBUL@ALBULENG.COM

ELECTRICAL
TBD

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

CONSULTANT TEAM



AERIAL

SHEET NUMBER	DESCRIPTION
T-1	PROJECT INFORMATION, SITE MAPS, SHEET INDEX
LS-1	SURVEY PLAN
LS-2	SURVEY PLAN
LS-3	SURVEY PLAN
CIVIL	
C-1	OVERALL SITE PLAN
C-1A	OVERALL SITE PLAN w/AERIAL OVERLAY
C-1B	OVERALL SITE PLAN w/TOWER LEG DISTANCE TO PROPERTY LINES
C-1C	OVERALL SITE PLAN w/TOWER LEG DISTANCE TO RESIDENTIAL STRUCTURES
C-2	GRADING AND E&S CONTROL PLAN
C-2.1	ENLARGED GRADING AND E&S CONTROL 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	BEST MANAGEMENT PRACTICES & 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	VERIZON WIRELESS SIGNAGE (REFERENCE ONLY)
D-5	TOWER OWNER SITE FENCE SIGNAGE (REFERENCE ONLY)
STRUCTURAL	
S-1	EQUIPMENT PAD FOUNDATION PLAN, DETAILS AND STRUCTURAL NOTES
S-2	ICE BRIDGE PLAN AND DETAILS
S-3	FOUNDATION PLAN AND DETAILS
TOWER ELEVATION	
TE-1	TOWER ELEVATION
ELECTRICAL	
E-1	SITE UTILITY PLAN
E-2	PANEL SCHEDULE, ONE LINE DIAGRAM, ELECTRICAL NOTES AND DETAILS
E-3	EQUIPMENT PAD UTILITY PLAN & EQUIPMENT PAD TRENCH SECTIONS
E-4	OVP & INTEGRATED LOAD CENTER H-FRAME ELEVATIONS AND DETAILS
E-5	ELECTRICAL DETAILS
E-6	EQUIPMENT CABINET ELEVATIONS
E-7	EQUIPMENT PAD LIGHTING PLAN
E-8	ALARMING TABLE, DIAGRAMS AND DETAILS (REFERENCE ONLY)
E-9	ALARM AND FIBER CABLE ROUTING (REFERENCE ONLY)
GROUNDING	
G-1	GROUNDING SITE PLAN
G-2	GROUNDING NOTES
G-3	VERIZON WIRELESS GROUNDING PLAN AND NOTES
G-4	GROUNDING DETAILS
G-5	GROUNDING DETAILS
G-6	GROUNDING DETAILS
REFERENCE DRAWINGS	
RF-1	ANTENNA PLAN AND DETAILS (REFERENCE ONLY)
REF-1	GENERATOR SPECIFICATIONS (REFERENCE ONLY)
PSC_MAP	
PSC_MAP -1	
PSC_MAP -2	

REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
B	03/15/24	REVISED CD
0	03/23/24	PERMITTING CDS
1	06/12/24	ISSUED FOR CONSTRUCTION
2	07/11/24	ISSUED FOR CONSTRUCTION
3	07/23/24	ISSUED FOR CONSTRUCTION



**SITE INFORMATION:
CK GLOVER CREEK**

486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

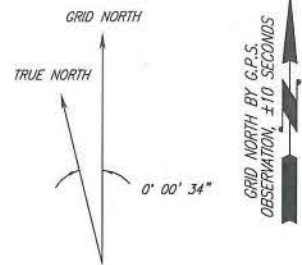
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
PROJECT INFORMATION, SITE MAPS, SHEET INDEX

SHEET NUMBER:
T-1

NIK PAD & CANOPY REV 3 FINAL 10/16/23

- PREMISES
- TITLE NOTES
- FLOOD ZONE DATA
- VICINITY MAP



811
Know what's below.
Call before you dig.
 The utility information shown on this plot, prepared by FSTAN was obtained from existing records and/or by field locations. It is the contractor's responsibility to verify their existence and location, and to contact the appropriate utility company for field locations.

NORTH IS BASED ON THE SINGLE STATE PLANE COORDINATE SYSTEM, AND WAS DETERMINED BY COMPUTATION FROM G.P.S. OBSERVATION ON FEBRUARY 28, 2023.

SURVEYOR'S REVIEW OF "SPECIAL EXCEPTIONS"

NOTES CORRESPONDING TO THE FIDELITY NATIONAL TITLE INSURANCE COMPANY, "REPORT OF TITLE TITLE", ORDER NUMBER: 38029908 AND REFERENCE NUMBER: CK GLOVER CREEK, EFFECTIVE DATE: 11/16/2022.
 2. Matters as shown and noted on Plat recorded in Instrument No. A1027. (Portion to be sold). (DOES NOT AFFECT THE LEASE AREA, BUT DOES AFFECT AND ACCESS & UTILITY EASEMENT AND THE UTILITY EASEMENT SHOWN PER THIS SURVEY)



LOCATION DESCRIPTION

LOCATED ON THE PROPERTY CONVEYED TO JANE BOWMAN IN DEED BOOK 76, PAGE 513, METCALFE COUNTY, KENTUCKY.

THIS SITE IS LOCATED ON THE SUMMER SHADE KENTUCKY USGS QUADRANGLE SHEET.

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

COORDINATE POINT LOCATION

NAD 1983
 LATITUDE: 36° 53' 46.16" N (36.896157)
 LONGITUDE: 85° 44' 03.79" W (-85.734385)
 NAVD 1988
 ELEVATION: 838.5'
 SINGLE STATE COORDINATE (BLUE MARBLE GEOGRAPHIC CALCULATOR VERSION 3.0)
 NORTHING: 3485774.472
 EASTING: 4925816.414

PROJECT BENCHMARK

NORTH: 3485780.064
 EAST: 4925916.059
 ELEVATION: 843.56'
 LOCATION: BEING A 3/8" REBAR W/ CAP STAMPED "CONTROL PNT." 77' SOUTHEAST OF THE NORTHEAST CORNER OF THE LEASE AREA.

SYMBOL LEGEND

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

ABBREVIATIONS

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

LINE LEGEND

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

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

SURVEYORS NOTES

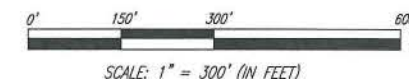
SOURCE OF BEARING AND ELEVATION IS A G.P.S. OBSERVATION ON FEBRUARY 28, 2023, FROM A GPS CONTINUOUSLY OPERATING REFERENCE STATION DESIGNATION - DALE HOLLOW SRP CORP ARP, CORN_ID - KYDH, PID - DK7555.
 SITE SHOWN SUBJECT TO RIGHT OF WAYS AND EASEMENTS SHOWN HEREON OR NOT.
 SOURCE OF ROTATION BASED ON THE NORTHWEST LINE OF THE 30' R/W WHICH HAS THE BEARING OF N 55°38'54" E PER DEED BOOK 113, PAGE 505, AND THE CALCULATED BEARING OF N 47°31'38" E.
 NO SEARCH OF PUBLIC RECORDS HAS BEEN PERFORMED BY THIS FIRM TO DETERMINE ANY DEFECTS AND/OR AMBIGUITIES IN THE TITLE OF THE PARENT TRACT.
 THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.
 EXISTING CONTOURS ARE AT ONE FOOT INTERVALS.



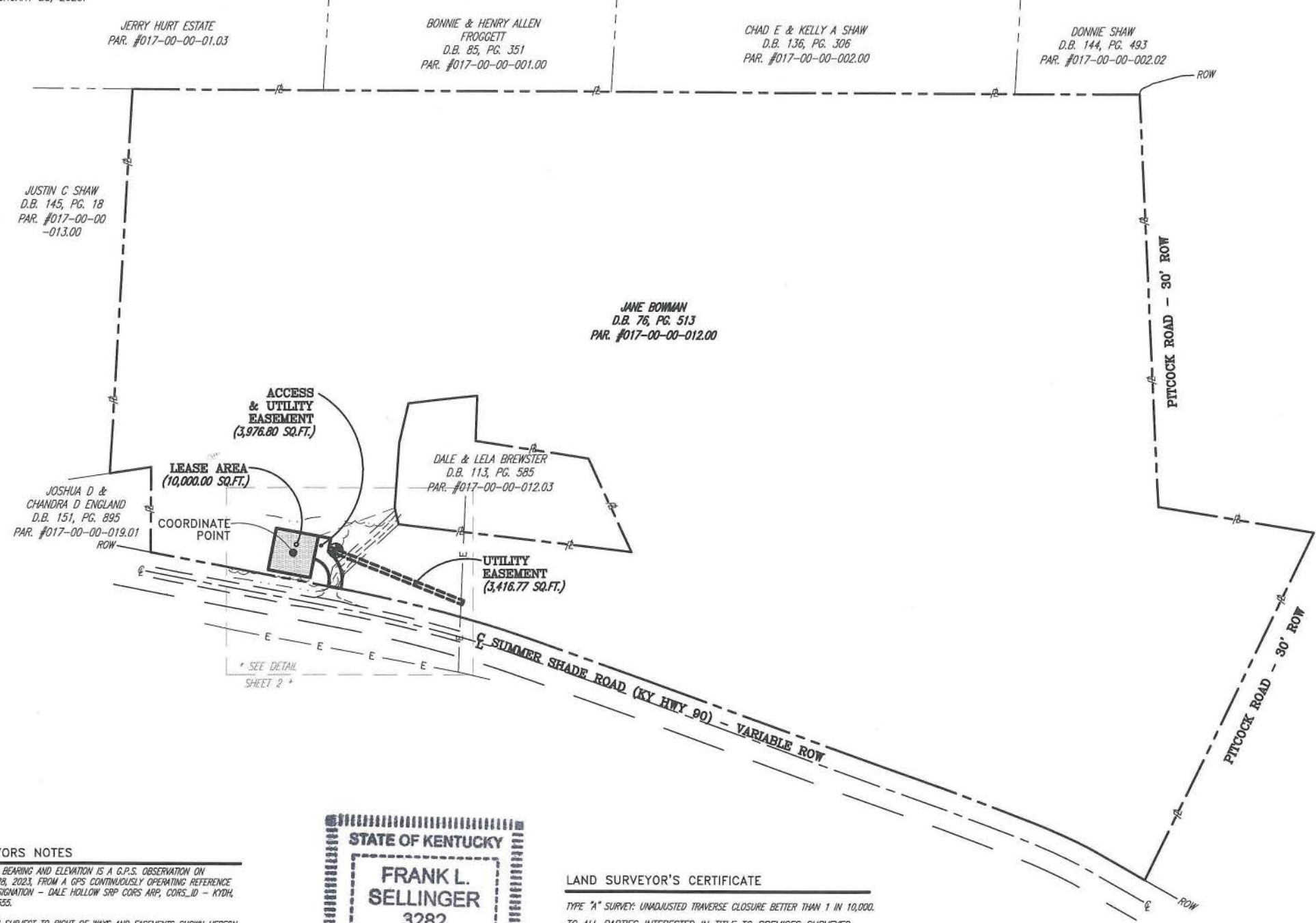
LAND SURVEYOR'S CERTIFICATE

TYPE "A" SURVEY: UNADJUSTED TRAVERSE CLOSURE BETTER THAN 1 IN 10,000.
 TO ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED I hereby certify that this plot and survey were made under my supervision, and that the angular and linear measurements, as witnessed by monuments shown hereon, are true and correct to the best of my knowledge and belief.
 This survey and plat meets or exceeds the minimum standards of the governing authorities.
 This property is subject to any recorded easements or right of ways not shown hereon.

Frank L. Sellinger 7-26-24
 Frank L. Sellinger, II, KY. Reg. No. 3282



I HAVE REVIEWED THE FLOOD INSURANCE RATE MAPS (FIRM) MAP NO. 21169C0175C DATED 05-03-2010 AND THE LEASE AREA DOES NOT APPEAR TO BE IN A FLOOD PRONE AREA. THE LEASE AREA IS LOCATED IN ZONE "X".



PREPARED FOR:



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

SITE NUMBER: 725005

SITE NAME: CK GLOVER CREEK

SITE ADDRESS: 486 SUMMER SHADE ROAD
 SUMMER SHADE, KY 42166

LEASE AREA: 10,000.00 SQ.FT.

PROPERTY OWNER: JANE BOWMAN
 708 SUMMER SHADE ROAD
 SUMMER SHADE, KY 42166

PARCEL NUMBER: 017-00-00-012.00

SOURCE OF TITLE: D.B. 76, PG. 513

DWG BY: SNS FIELD DATE: 02.28.23 DRAFT DATE: 03.20.23
 CHKD BY: FLS

FSTAN PROJECT NO.: 22-11668

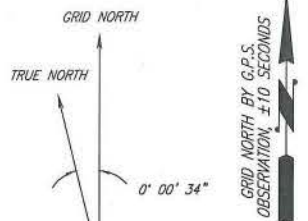
SHEET 1 OF 3

REVISIONS:

- SHIFT LEASE AREA 08.25.23(2311856)
- SITE ADDRESS - 06.06.24
- OWNERS' BLOCK - 07.05.24

RAWLAND

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



LINE	BEARING	DISTANCE
L1	S 13°37'59" W	2.62'
L2	N 13°22'16" E	5.54'
L4	S 21°52'27" W	10.00'
L5	N 10°52'47" E	10.19'

JANE BOWMAN
D.B. 76, PG. 513
PAR. #017-00-00-012.00

DALE & LELA BREWSTER
D.B. 113, PG. 585
PAR. #017-00-00-012.03

COORDINATE POINT LOCATION

NAD 1983
LATITUDE: 36° 53' 46.16" N (36.896157)
LONGITUDE: 85° 44' 03.79" W (-85.734385)
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ELEVATION: 838.5'
SINGLE STATE PLANE COORDINATE
(BLUE MARBLE GEOGRAPHIC
CALCULATOR VERSION 3.0)
NORTHING: 3485774.472
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PROJECT BENCHMARK

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ELEVATION: 843.56'
LOCATION: BEING A 3/8" REBAR W/ CAP
STAMPED "CONTROL PNT." 77'
SOUTHEAST OF THE NORTHEAST
CORNER OF THE LEASE AREA.



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- CONCRETE POWER POLE
- METAL TRAFFIC POLE
- LIGHT POLE
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- GUY ANCHOR
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NOTE: SYMBOLS, ABBREVIATIONS, OR LINESYLES DO NOT NECESSARILY APPEAR ON DRAWING(S). USE ONLY AS APPLICABLE

SURVEYORS NOTES

SOURCE OF BEARING AND ELEVATION IS A G.P.S. OBSERVATION ON FEBRUARY 28, 2023, FROM A GPS CONTINUOUSLY OPERATING REFERENCE STATION DESIGNATION - DALE HOLLOW SRP CORP APP. CORP_ID - KYDH, PID - DK7555.

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

SOURCE OF ROTATION BASED ON THE NORTHWEST LINE OF THE 30' R/W WHICH HAS THE BEARING OF N 55°58'54" E PER DEED BOOK 113, PAGE 585, AND THE CALCULATED BEARING OF N 47°31'38" E.

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

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.

EXISTING CONTOURS ARE AT ONE FOOT INTERVALS.



LAND SURVEYOR'S CERTIFICATE

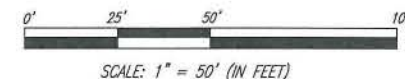
TYPE "A" SURVEY: UNADJUSTED TRAVERSE CLOSURE BETTER THAN 1 IN 10,000.

TO ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED I hereby certify that this plot and survey were made under my supervision, and that the angular and linear measurements, as witnessed by monuments shown hereon, are true and correct to the best of my knowledge and belief.

This survey and plat meets or exceeds the minimum standards of the governing authorities.

This property is subject to any recorded easements or right of ways not shown hereon.

Frank L. Sellinger 7-26-24
Frank L. Sellinger, II KY. Reg. No. 3282



I HAVE REVIEWED THE FLOOD INSURANCE RATE MAPS (FIRM) MAP NO. 21169C0175C DATED 05-03-2010 AND THE LEASE AREA DOES NOT APPEAR TO BE IN A FLOOD PRONE AREA. THE LEASE AREA IS LOCATED IN ZONE "X".

PREPARED FOR:



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

SITE NUMBER:

725005

SITE NAME:

CK GLOVER CREEK

SITE ADDRESS:

486 SUMMER SHADE ROAD
SUMMER SHADE, KY 42166

LEASE AREA:

10,000.00 SQ.FT.

PROPERTY OWNER:

JANE BOWMAN
708 SUMMER SHADE ROAD
SUMMER SHADE, KY 42166

PARCEL NUMBER:

017-00-00-012.00

SOURCE OF TITLE:

D.B. 76, PG. 513

DWG BY: SNS

FIELD DATE: 02.28.23

DRAFT DATE: 03.20.23

CHKD BY: FLS

FSTAN PROJECT NO.:

22-11668

SHEET 2 OF 3

REVISIONS:

SHIFT LEASE AREA 08.25.23(2311856)

SITE ADDRESS - 06.06.24

OWNERS' BLOCK - 07.05.24

RAWLAND

LEGAL DESCRIPTIONS:

This is a description for Harmoni Towers, of a lease area to be located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:

-  - LEGAL DESCRIPTIONS (LEASE AREA)
-  - LEGAL DESCRIPTIONS (ACCESS ESMT)
-  - LEGAL DESCRIPTIONS (UTILITY ESMT)
-  - LEGAL DESCRIPTIONS (PARENT TRACT)

PREPARED FOR:

HARMONI TOWERS

SMJ INTERNATIONAL

FSTAN

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

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

SITE ADDRESS:
486 SUMMER SHADE ROAD
SUMMER SHADE, KY 42166

LEASE AREA:
10,000.00 SQ.FT.

PROPERTY OWNER:
JANE BOWMAN
708 SUMMER SHADE ROAD
SUMMER SHADE, KY 42166

PARCEL NUMBER:
017-00-00-012.00

SOURCE OF TITLE:
D.B. 76, PG. 513

DWG BY: SNS	FIELD DATE: 02.28.23	DRAFT DATE: 03.20.23
CHKD BY: FLS		

FSTAN PROJECT NO.:
22-11668

SHEET 3 OF 3

REVISIONS:

SHIFT LEASE AREA 08.25.23(2311856)
SITE ADDRESS - 06.06.24
OWNERS' BLOCK - 07.05.24

RAWLAND

 LEASE AREA

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:
Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;
Thence traversing said Bowman property S 69°44'03" W - 192.13' to a set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Lease Area;
Thence S 10°52'47" W - 100.00' to a set iron rod with a cap stamped "FStan 3282";
Thence N 79°07'13" W - 100.00' to a set iron rod with a cap stamped "FStan 3282";
Thence N 10°52'47" E - 100.00' to a set iron rod with a cap stamped "FStan 3282";
Thence S 79°07'13" E - 100.00' to the point of beginning, containing 10,000.00 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023, revised on August 30, 2023.

 UTILITY EASEMENT

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:
Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;
Thence traversing said Bowman property S 69°44'03" W - 192.13' to set iron rod with a cap stamped "FStan 3282", and being the northeast corner of the Access & Utility Easement;
Thence with the perimeter of said Access & Utility Easement for the next two (2) calls: (1) S 79°07'13" E - 30.00' to set iron rod with a cap stamped "FStan 3282";
Thence (2) S 10°52'47" W - 19.49' to set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Utility Easement;
Thence leaving said Access & Utility Easement S 68°07'33" E - 342.65' to set iron rod with a cap stamped "FStan 3282";
Thence S 21°52'27" W - 10.00' to set iron rod with a cap stamped "FStan 3282";
Thence N 68°07'33" W - 340.71' to set iron rod with a cap stamped "FStan 3282" on the east line of said Access & Utility Easement;
Thence with said east line N 10°52'47" E - 10.19' to the point of beginning, containing 3,416.77 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023, revised on August 30, 2023.

 ACCESS & UTILITY EASEMENT

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:
Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;
Thence traversing said Bowman property S 69°44'03" W - 192.13' to set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Access & Utility Easement;
Thence S 79°07'13" E - 30.00' to set iron rod with a cap stamped "FStan 3282";
Thence S 10°52'47" W - 32.11' to set iron rod with a cap stamped "FStan 3282";
Thence along a curve to the right with a radius of 80.00' and a chord of S 19°31'48" E - 89.61' to set iron rod with a cap stamped "FStan 3282";
Thence S 13°37'59" W - 2.62' to set iron rod with a cap stamped "FStan 3282" on the north right-of-way line of Summer Shade Road;
Thence with said Right-of-way N 79°07'13" W - 30.00' to set iron rod with a cap stamped "FStan 3282";
Thence leaving said Summer Shade Road and traversing said Bowman property N 13°22'16" E - 5.54' to set iron rod with a cap stamped "FStan 3282";
Thence along a curve to the left with a radius of 50.00' and a chord of N 30°18'19" W - 69.06' to set iron rod with a cap stamped "FStan 3282" on the east line of the Lease Area;
Thence with said east line N 10°52'47" E - 54.50' to the point of beginning, containing 3,976.80 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023, revised on August 30, 2023.

 PARENT TRACT DESCRIPTION (PROVIDED BY OTHERS)

Property located in Metcalfe County, Kentucky
The following described real estate lying and being in Metcalfe County, Kentucky, and more particularly described as follows:
Consisting of 200 acres, more or less, situated 12 miles East of Glasgow, Kentucky, on the Glasgow-Burkesville Road, bounded and described as follows: Beginning at a stone on the North side of the Burkesville Road, thence South 3 degrees West 94-1/8 poles to a stone in Sartin's line; thence South 87 degrees East 43 poles to a stone; thence South 4 degrees West 218 poles to a stone in Kingrey's line; thence East 76 poles to a stone in Asberry Hopes line; thence North 4 degrees East 216 poles to a stone; thence North 84 degrees East 8-1/8 poles to a stone; thence North 21 degrees East 92 poles to a stone, on South side of Burkesville Road; thence with said Road North 78 degrees West 22 1/2 poles; thence North 59 poles to a stone in Joel Taylor's line; thence North 87 degrees West 144 poles to a stone; thence South 6 degrees West 55 poles to a stone; thence North 84 degrees East 6 poles to the beginning.

LESS AND EXCEPT that portion of property conveyed to Clint Sharp and Christine Sharp from Jane Bowman by Deed dated November 26, 1997 and recorded December 5, 1998 in Deed Book 102, Page 261.

AND BEING the same property conveyed to Jane Bowman from Clyde K. Bowman and Betty Bowman by Deed dated March 17, 1985 and recorded February 6, 1986 in Deed Book 76, Page 513.

Tax Parcel No. 017-00-00-012.00

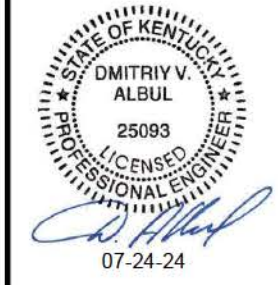


LAND SURVEYOR'S CERTIFICATE

TYPE "A" SURVEY: UNADAUSTED TRAVERSE CLOSURE BETTER THAN 1 IN 10,000.
TO ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED I hereby certify that this plot and survey were made under my supervision, and that the angular and linear measurements, as witnessed by monuments shown hereon, are true and correct to the best of my knowledge and belief.
This survey and plot meets or exceeds the minimum standards of the governing authorities.
This property is subject to any recorded easements or right of ways not shown hereon.

Frank L. Sellinger, II
Frank L. Sellinger, II KY. Reg. No. 3282

REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
B	03/15/24	REVISED CD
0	03/23/24	PERMITTING CDS
1	06/12/24	ISSUED FOR CONSTRUCTION
2	07/11/24	ISSUED FOR CONSTRUCTION
3	07/23/24	ISSUED FOR CONSTRUCTION



SITE INFORMATION:
CK GLOVER CREEK
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

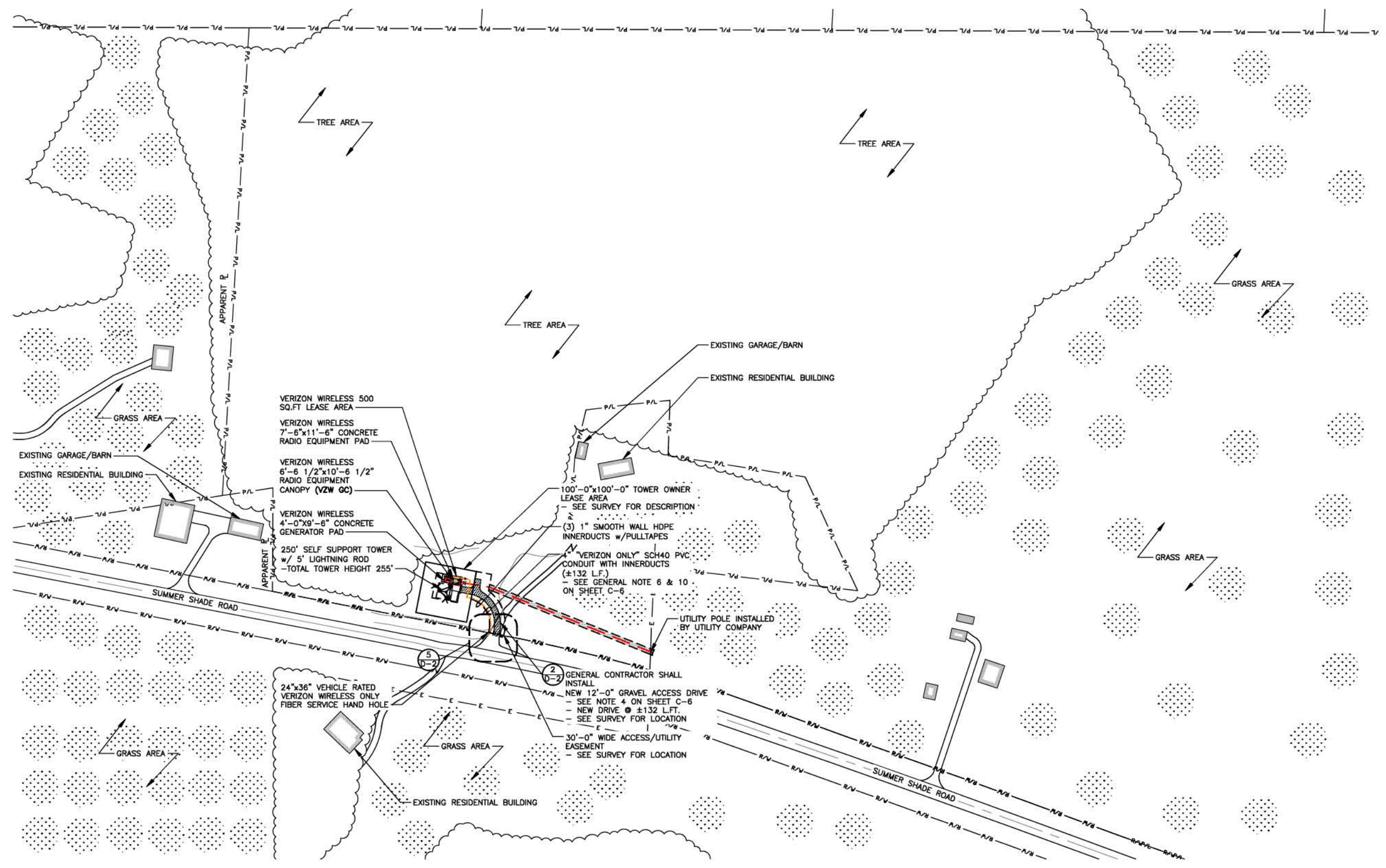
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CHECKED BY: PL
DATE: 03.14.24

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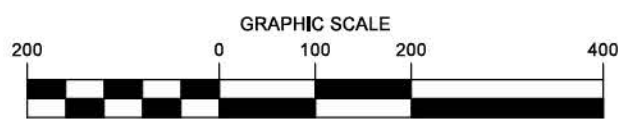
OVERALL SITE PLAN

SHEET NUMBER:

C-1



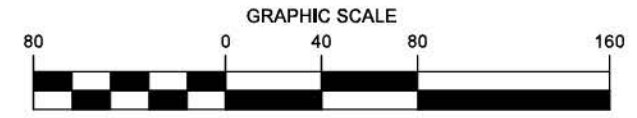
Know what's below.
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Call Monday thru Friday - 7 am. to 6 pm.
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



OVERALL SITE PLAN

SCALE: 1" = 200'



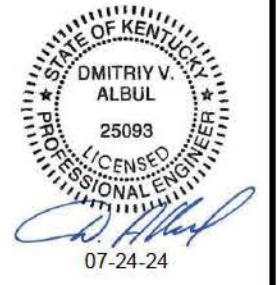


**OVERALL SITE PLAN
w/AERIAL OVERLAY**

SCALE: 1" = 80'



REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
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**SITE INFORMATION:
CK GLOVER
CREEK**

486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

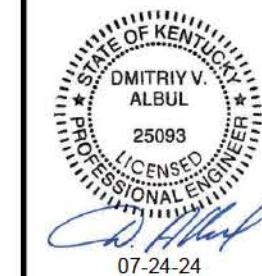
SHEET TITLE:
**OVERALL SITE
PLAN w/AERIAL
OVERLAY**

SHEET NUMBER:
C-1A

**Kentucky
811**
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486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

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CK GLOVER CREEK

PID NUMBER: 16735941

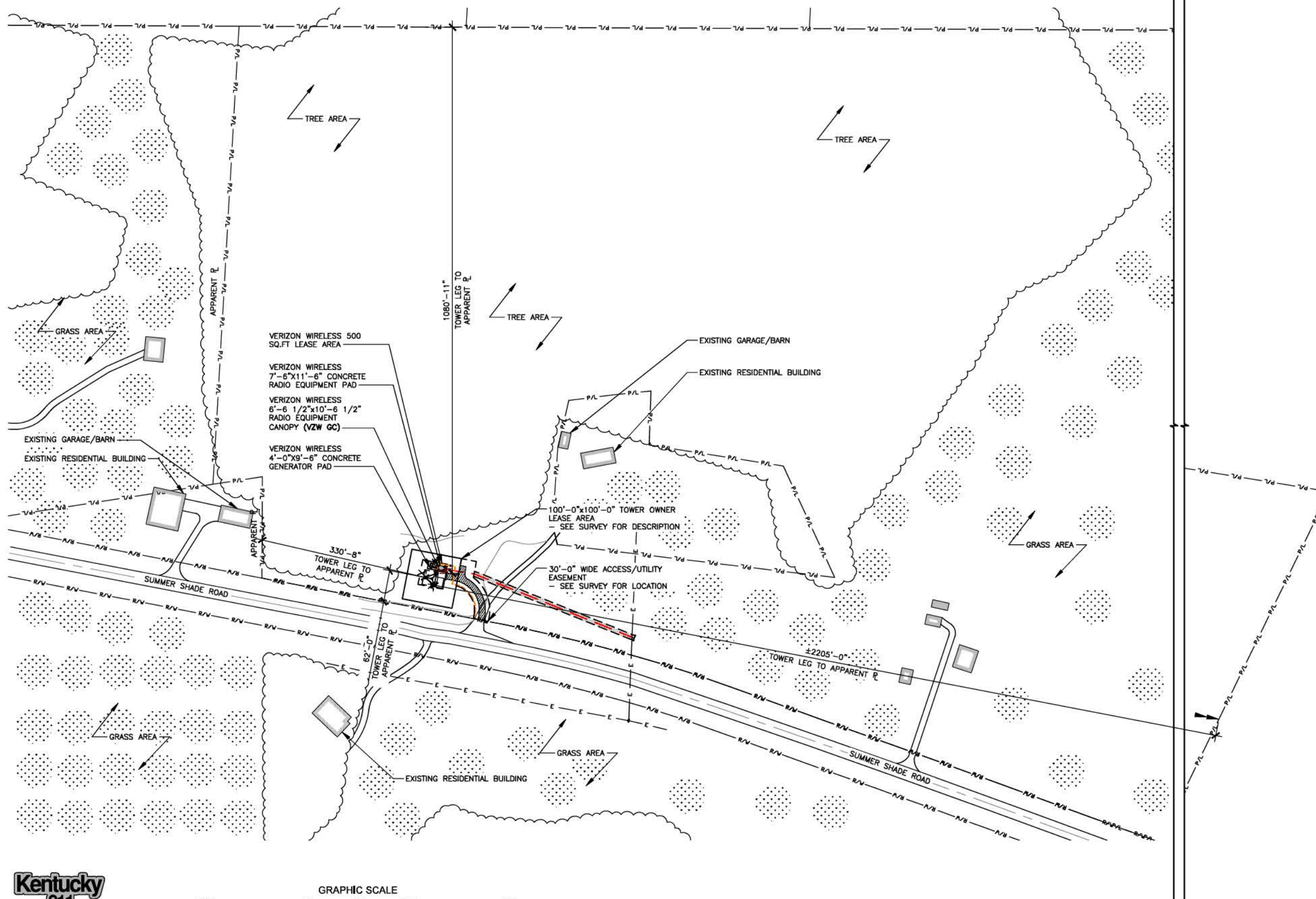
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
OVERALL SITE PLAN W/TOWER LEG DISTANCE TO PROPERTY LINES

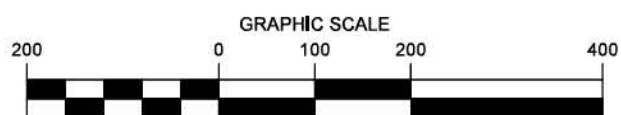
SHEET NUMBER:

C-1B

MK PAD & CANOPY REV 3 FINAL 10/16/23



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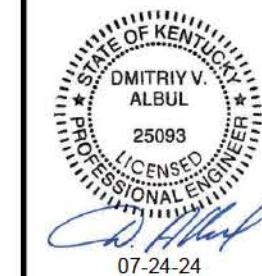


OVERALL SITE PLAN W/TOWER LEG DISTANCE TO PROPERTY LINES

SCALE: 1" = 200'



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SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
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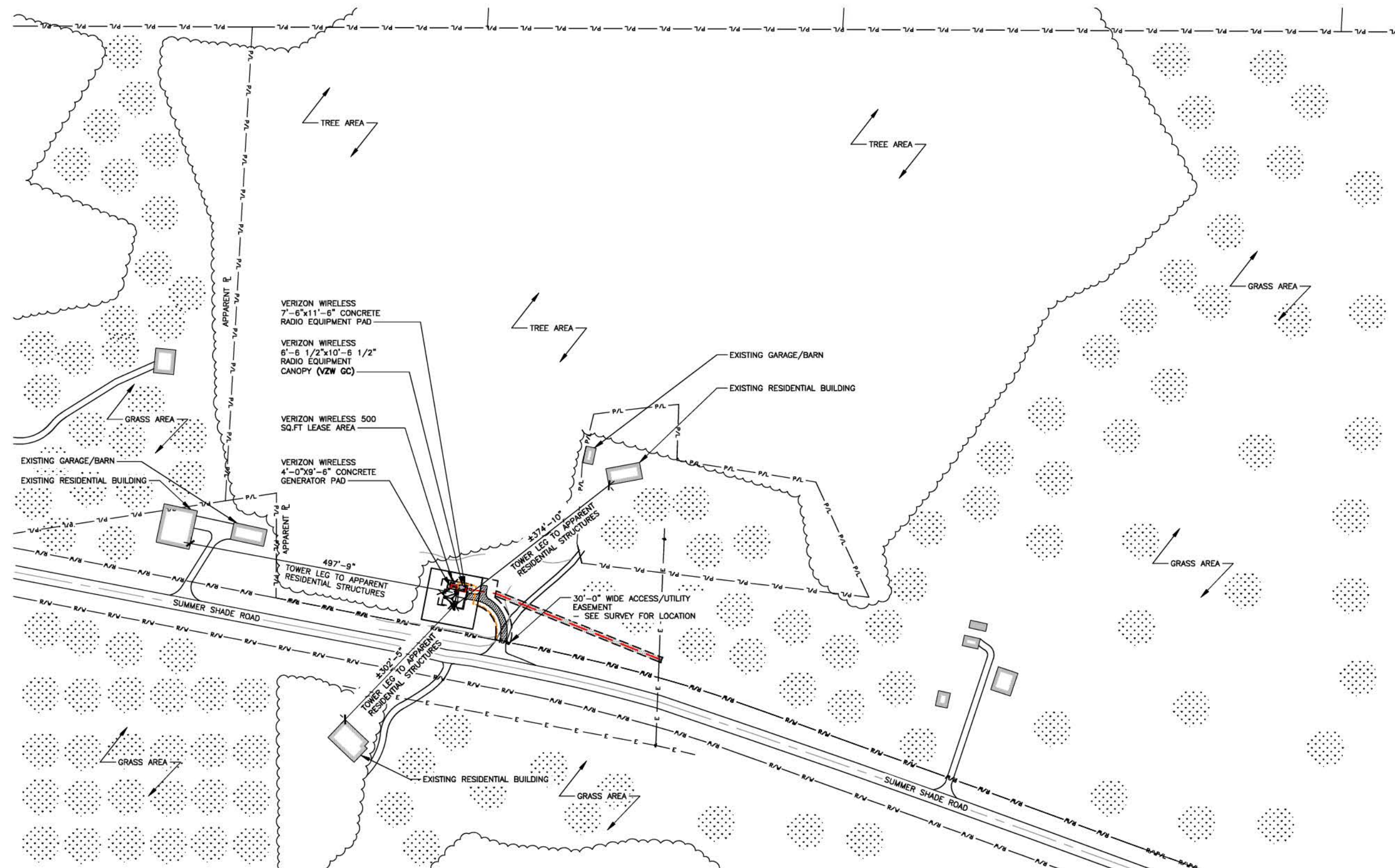
SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

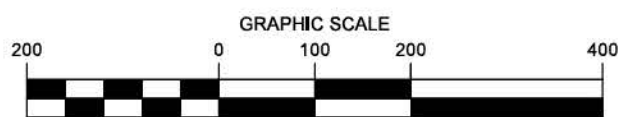
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
OVERALL SITE PLAN w/TOWER LEG DISTANCE TO RESIDENTIAL STRUCTURES

SHEET NUMBER:
C-1C



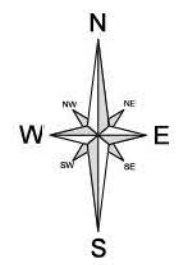
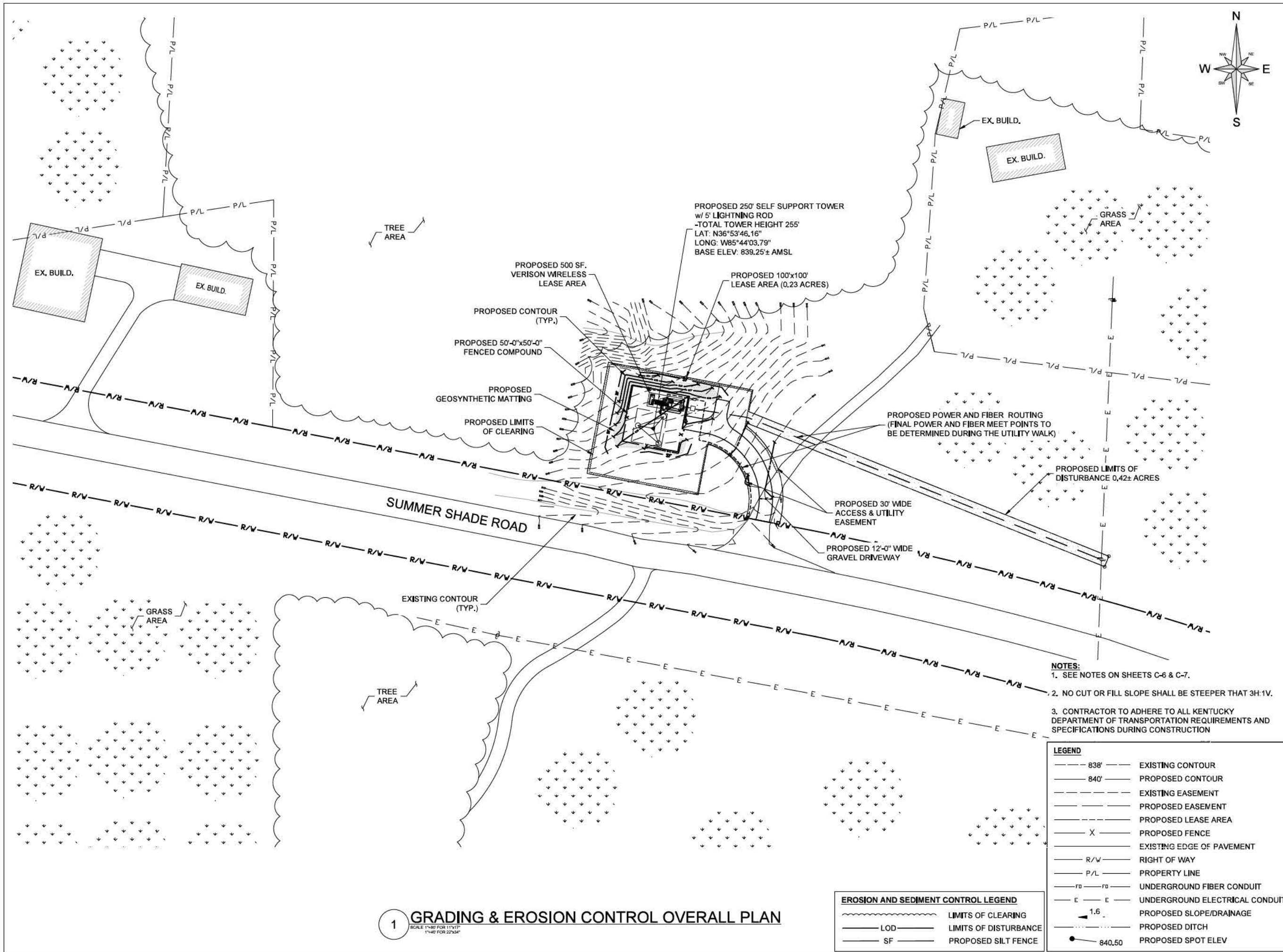
Kentucky 811
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OVERALL SITE PLAN w/TOWER LEG DISTANCE TO RESIDENTIAL STRUCTURES

SCALE: 1" = 200'





HARMONITOWERS
 11101 ANDERSON DR SUITE 200
 LITTLE ROCK, AR 72212

LAB
 49030 PONTIAC TRAIL, SUITE 400
 WIXOM, MICHIGAN 48393
 PHONE: (248) 705-9212

ALBUL ENGINEERING
 3840 E. ROBINSON ROAD
 AMHERST, NY 14228
 WWW.ALBULENG.COM

STATE OF KENTUCKY
 DMITRIY V. ALBUL
 25093
 LICENSED PROFESSIONAL ENGINEER
 07-29-2024
 DMITRIY ALBUL
 KY LICENSE NO. 25093

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	07-29-24	ISSUED FOR CONSTRUCTION	AIK	AAH
B	04-03-24	REVISED PER SITE CONDITIONS	AIK	AAH
A	03-20-24	PRELIMINARY	AIK	AAH

- NOTES:**
- SEE NOTES ON SHEETS C-6 & C-7.
 - NO CUT OR FILL SLOPE SHALL BE STEEPER THAN 3H:1V.
 - CONTRACTOR TO ADHERE TO ALL KENTUCKY DEPARTMENT OF TRANSPORTATION REQUIREMENTS AND SPECIFICATIONS DURING CONSTRUCTION

LEGEND

---	838'	EXISTING CONTOUR
---	840'	PROPOSED CONTOUR
---		EXISTING EASEMENT
---		PROPOSED EASEMENT
---		PROPOSED LEASE AREA
X		PROPOSED FENCE
---		EXISTING EDGE OF PAVEMENT
R/W		RIGHT OF WAY
P/L		PROPERTY LINE
---		UNDERGROUND FIBER CONDUIT
---		UNDERGROUND ELECTRICAL CONDUIT
1.6		PROPOSED SLOPE/DRAINAGE
---		PROPOSED DITCH
840.50		PROPOSED SPOT ELEV

EROSION AND SEDIMENT CONTROL LEGEND

---	---	LIMITS OF CLEARING
---	---	LIMITS OF DISTURBANCE
---	---	PROPOSED SILT FENCE

1 GRADING & EROSION CONTROL OVERALL PLAN
 SCALE 1"=40' FOR 11'x17"
 1"=40' FOR 22'x34"

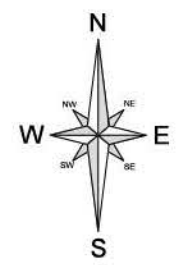
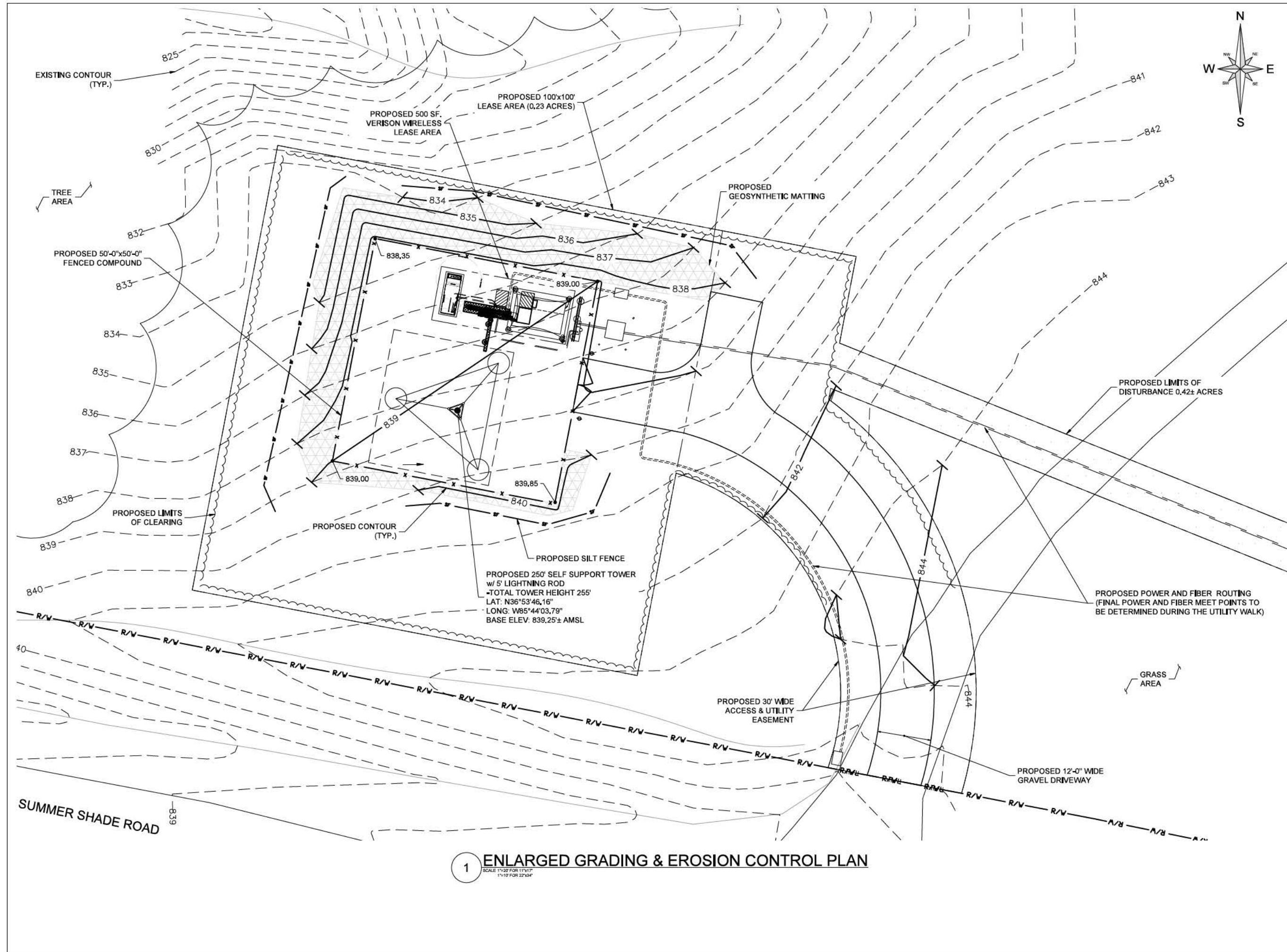
CK GLOVER CREEK
 725005
 486 SUMMER SHADE
 SUMMER SHADE, KY 42166
 METCALFE COUNTY

PROJECT NUMBER
35919.LAB.GDP.P414908.0

SHEET NAME
GRADING & EROSION CONTROL OVERALL PLAN

SHEET NUMBER
C-2

SCALE
AS SHOWN



HARMONITOWERS
 11101 ANDERSON DR SUITE 200
 LITTLE ROCK, AR 72212

LAB
 49030 PONTIAC TRAIL, SUITE 400
 WIXOM, MICHIGAN 48393
 PHONE: (248) 705-9212

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 KY LICENSE NO. 25093

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
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B	04-03-24	REVISED PER SITE CONDITIONS	AIK	AAN
A	03-20-24	PRELIMINARY	AIK	AAN

CK GLOVER CREEK
 725005
 486 SUMMER SHADE
 SUMMER SHADE, KY 42166
 METCALFE COUNTY

PROJECT NUMBER:
35919.LAB.GDP.P414908.0

SHEET NAME:
ENLARGED GRADING & EROSION CONTROL OVERALL PLAN

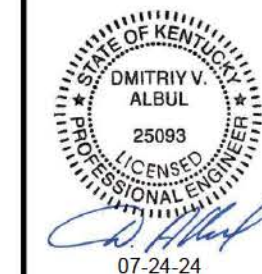
SHEET NUMBER:
C-2.1

SCALE:
AS SHOWN

1 ENLARGED GRADING & EROSION CONTROL PLAN
 SCALE: 1"=20' FOR 11"x17"
 1"=10' FOR 22"x34"

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CK GLOVER CREEK
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

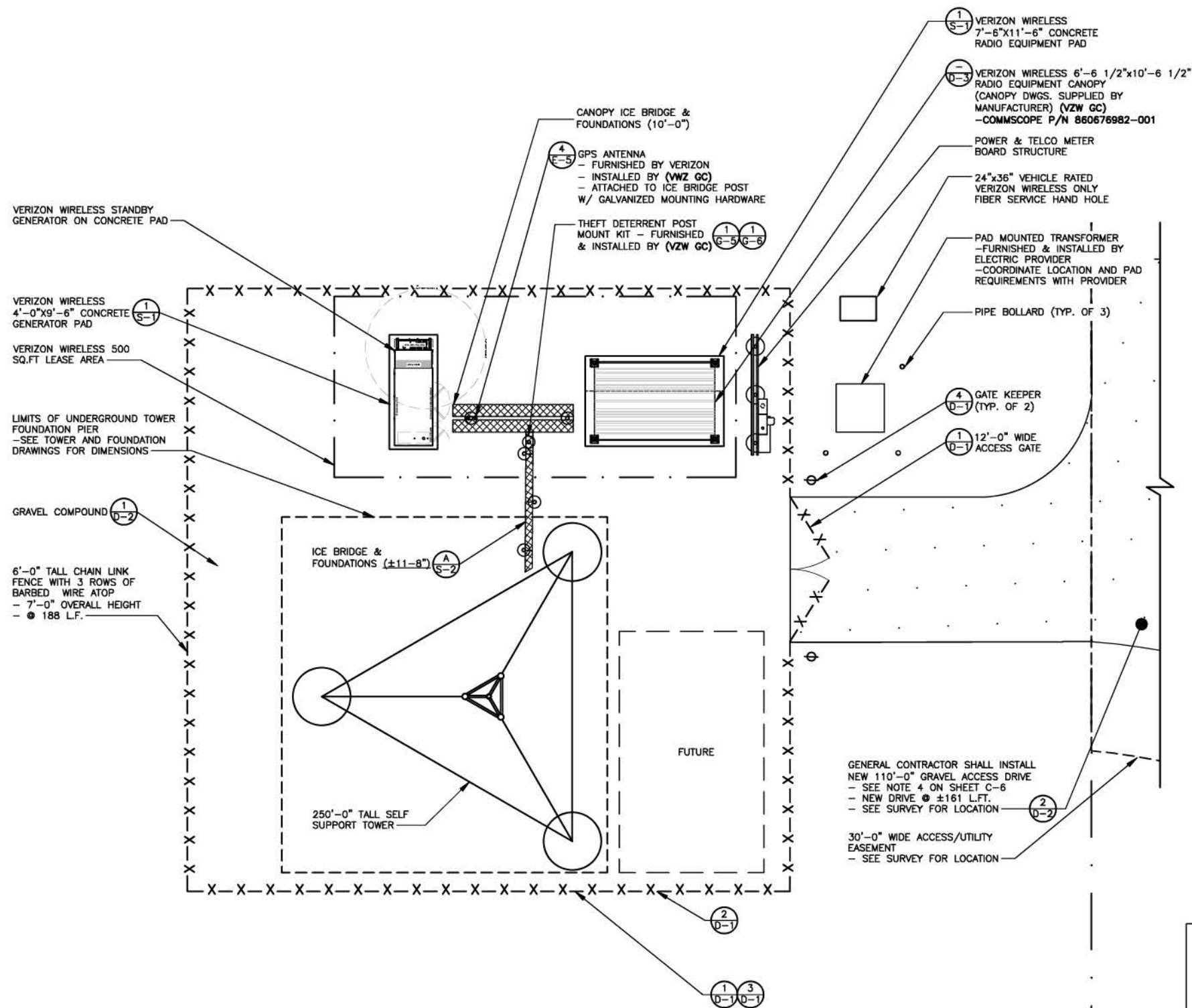
SHEET TITLE:

DETAILED SITE PLAN

SHEET NUMBER:

C-3

MK PAD & CANOPY REV 3 FINAL 10/16/23



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
	FENCED COMPOUND
	CONCRETE
	ACCESS DRIVE

DETAILED SITE PLAN

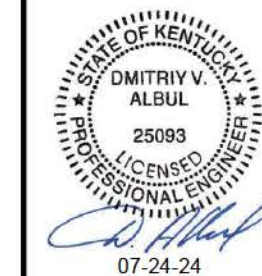
SCALE: 3/32" = 1'-0"



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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.

*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

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CK GLOVER CREEK

486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

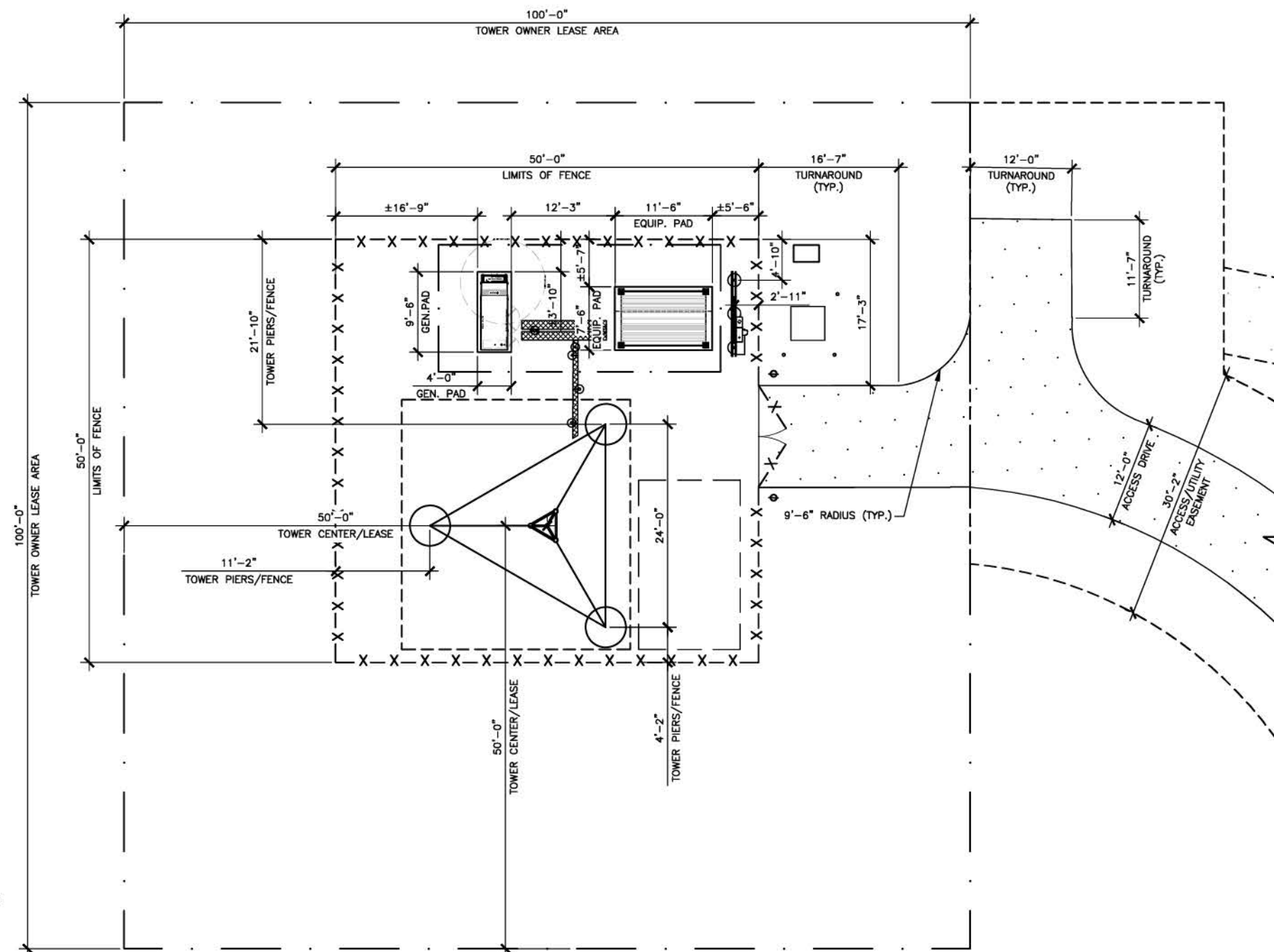
SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
DIMENSIONED SITE PLAN

SHEET NUMBER:
C-4



*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



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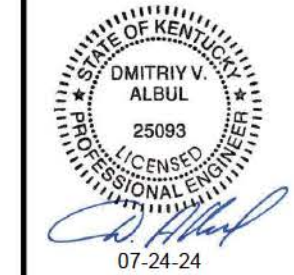
DIMENSIONED SITE PLAN

SCALE: 1/16" = 1'-0"



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

REV.	DATE	DESCRIPTION
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486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

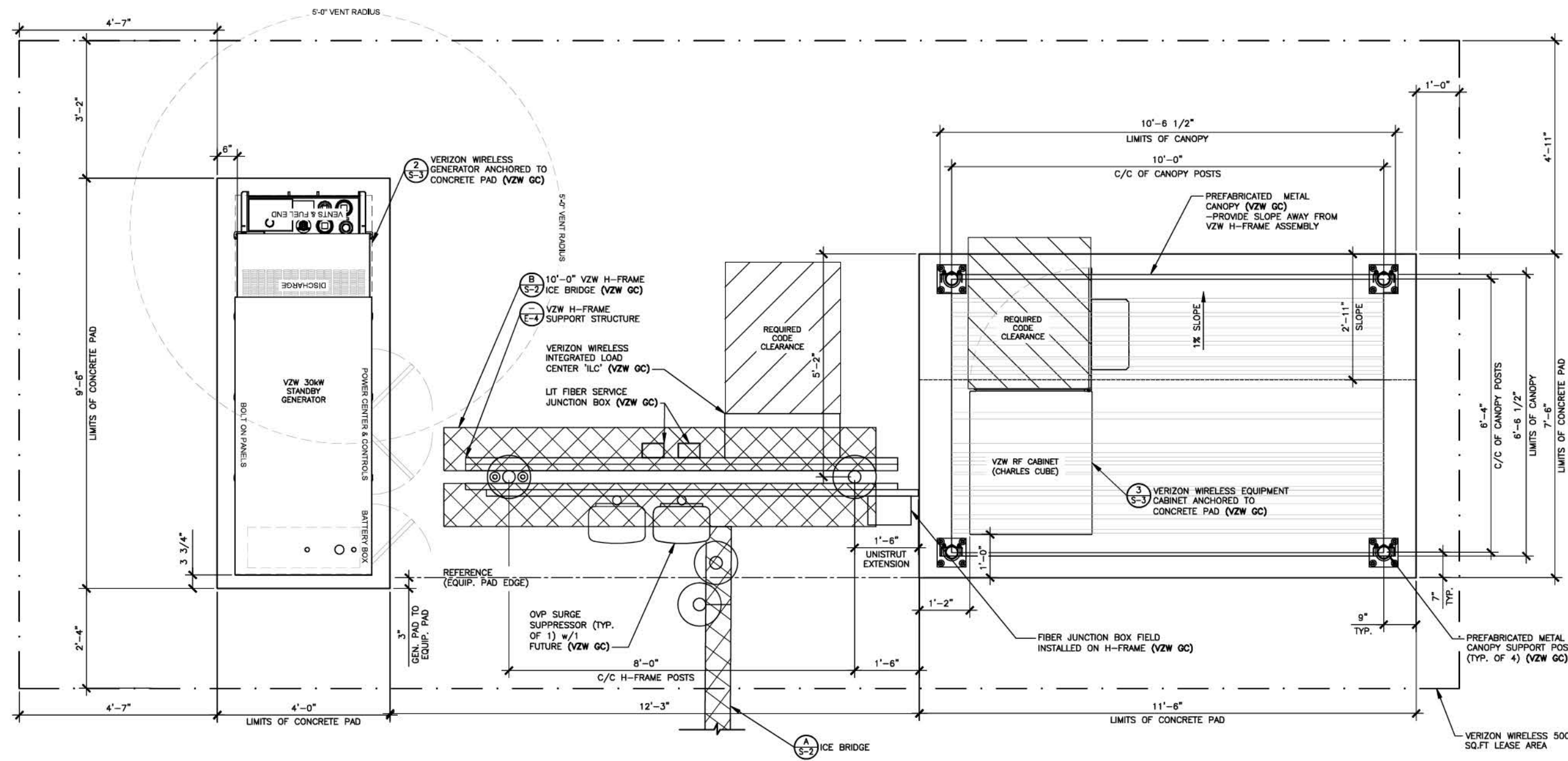
SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
DETAILED VZW EQUIPMENT PLAN

SHEET NUMBER:
C-5
MK PAD & CANOPY REV 3 FINAL 10/16/23



DETAILED VZW EQUIPMENT PLAN
SCALE: 3/8" = 1'-0"



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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:

HARMONI TOWER
11101 ANDERSON DR SUITE 200,
LITTLE ROCK, AR 72212
CONTACT: TBD
PHONE: TBD
FAX: TBD

PROPERTY OWNER REPRESENTATIVE:

BOWMAN JANE
708 SUMMER SHADE RD
SUMMER SHADE, KY 42166
270-590-8831
JKBOWMAN29@ICLOUD.COM

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 CONTRACTOR SHALL RUN AN ELECTRICAL TRENCH WITH 2 1/2" CONDUIT AND DETECTABLE PULL TAPE FROM THE NEW RADIO EQUIPMENT PAD AND END AT THE NEW METER BOARD STRUCTURE. THE CONTRACTOR SHALL THEN RUN (2) TWO 4" CONDUIT WITH PULL TAPE FROM THE METER BOARD TO THE NEW PAD MOUNTED TRANSFORMER LOCATION AND STUB UP 6" ABOVE GRADE. THE ELECTRICAL PROVIDER WILL THEN RUN UNDERGROUND CONDUIT FROM THE NEW TRANSFORMER TO THE NEW UTILITY POLE, CONTACT @ ###-###-####, WITH ???????? BEFORE BEGINNING CONSTRUCTION TO VERIFY LOCATION OF CONDUIT AND TRANSFORMER. CONDUITS MUST HAVE A MINIMUM DEPTH OF 36". CONTRACTOR SHALL CONTACT ELECTRIC PROVIDER TO HAVE TRENCH AND CONDUIT INSPECTED BEFORE THE TRENCH IS COVERED. THE ELECTRIC PROVIDER SHALL SUPPLY SERVICE TO THE NEW METER BOARD STRUCTURE. THE CONTRACTOR SHALL CONTACT ENERGY TO SETUP AN INSPECTION OF THE TRENCHES BEFORE THEY ARE BACKFILLED. THE CONTRACTOR SHALL PROPERLY BACKFILL THE TRENCHES AFTER INSPECTION AND SETTLEMENT. CONTACT ELECTRIC PROVIDER THREE TO FOUR WEEKS PRIOR TO CONSTRUCTION FOR NEW SERVICE AND COORDINATION OF ACCESS TO SITE. THE CONTRACTOR SHALL CONTACT ----- FOR A COPY OF THEIR SPECIFICATIONS BEFORE CONSTRUCTION

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 QUAZITE|HUBBELL POWER SYSTEMS MODEL PG2436Z1857B4 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. 1230N-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:
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 SEED 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 A&E FIRM BY SURVEYING FIRM. A&E FIRM 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.

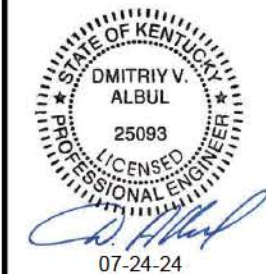


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A	03/14/24	ISSUED FOR REVIEW
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1	06/12/24	ISSUED FOR CONSTRUCTION
2	07/11/24	ISSUED FOR CONSTRUCTION
3	07/23/24	ISSUED FOR CONSTRUCTION



SITE INFORMATION:
CK GLOVER CREEK

486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
GENERAL SITE CONSTRUCTION NOTES

SHEET NUMBER:
C-6

EROSION & SEDIMENT CONTROL NOTES

- ALL WORK SPECIFIED AS A/AN DOT ITEM SHALL BE GOVERNED BY THE STATE OF INDIANA OF DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION HANDBOOK. IT IS CONTRACTORS RESPONSIBILITY TO POSSESS AND BE FAMILIAR WITH APPLICABLE SECTIONS.
- THIS CONTRACT DRAWING SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN STORM WATER POLLUTION PREVENTION IS ENCOUNTERED, ADDITIONAL STORM WATER POLLUTION PREVENTION (SWPP) MEASURES MAY BE REQUESTED BY THE OWNER, COUNTY ENGINEER, PROJECT ENGINEER OR SOIL CONSERVATION SERVICE REPRESENTATIVE AT ANYTIME. SUCH REQUESTS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
- ALL STORM WATER POLLUTION PREVENTION ITEMS SHALL BE INSTALLED AS SHOWN OR NOTED ON THIS SHEET.
- PLANT TEMPORARY SEEDING AND MULCHING IN ALL AREAS THAT SHALL BE INACTIVE FOR 7 DAYS OR MORE. ALL DISTURBED AND ERODED EARTH SHALL BE REGRADED AND SEEDED WITHIN 14 DAYS WITH SEEDING, AS DEFINED ABOVE AND AS SHOWN ON THE TABLE BELOW. TO ESTABLISH STABILITY AND PROVIDE SEDIMENT CONTROL, WHERE POSSIBLE. TEMPORARY SEEDING GROWTH SHALL NOT BE MOWED UNTIL IT HAS GONE TO SEED FOR 1 YEAR.

	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
PERMANENT SEEDINGS			A			*	*					
DORMANT SEEDINGS	B									B		
TEMPORARY SEEDINGS			C			D						
SODDING			E**									
MULCHING	F											

- | | |
|---|---|
| A. KENTUCKY BLUEGRASS 90 LBS./AC/MIXED PERENNIAL RYEGRASS 30 LBS./ACRE
B. KENTUCKY BLUEGRASS 135 LBS./AC/MIXED PERENNIAL RYEGRASS 45 LBS./AC. 2 TON STRAW MULCH PER ACRE | C. SPRING OATS 100 LBS./ACRE
D. WHEAT OR CEREAL RYE 150 LBS./ACRE
E. SOD (NURSERY CROWN KENTUCKY BLUEGRASS) 150 LBS./ACRE
F. STRAW MULCH 2 TONS PER ACRE |
|---|---|
- * IRRIGATION NEEDED DURING JUNE, JULY & SEPTEMBER
 ** IRRIGATION NEEDED FOR 2-3 WEEKS AFTER SODDING

- PERMANENT VEGETATION SHALL BE INSTALLED WITHIN 10 DAYS AT THE COMPLETION OF ANY GRADED AREAS, WEATHER PERMITTING. ALL PERMANENT VEGETATION SHALL CONSIST OF PLANTING AND SOD
- AT SUCH TIME ROUGH GRADING OF THE SITE IS COMPLETE AND DRAINAGE DIVERTS TO INLETS, INLET SEDIMENT FILTERS SHALL BE INSTALLED AT ALL INLET STRUCTURES TO KEEP PIPING SYSTEMS FREE OF SILTATION.
- SILT BARRIERS SHALL BE INSTALLED AROUND ALL EXISTING OR NEW STORM INLETS, CATCH BASINS, AND YARD DRAINS. INSTALL ROCK CHECK DAMS FOR HEADWALL INLETS FOR STORM WATER POLLUTION PREVENTION.
- STORM WATER POLLUTION PREVENTION MEASURES SHALL BE INSTALLED ON TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS SHOWN ON THESE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL INSPECT ALL SWPP MEASURES DAILY AND REPAIR AS NECESSARY TO PREVENT EROSION. SILTATION SHALL BE REMOVED FROM AREAS WHERE FAILURES HAVE OCCURRED AND CORRECTIVE ACTION TAKEN WITHIN 24 HOURS TO MAINTAIN ALL SWPP.
- SILT BARRIERS, CONSTRUCTION ENTRANCES, AND SILT FENCES SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF GRASS HAS BEEN OBTAINED AND/OR PAVING OPERATIONS ARE COMPLETE. CONTRACTOR SHALL KEEP SILT FROM ENTERING ANY STORM DRAINAGE SYSTEM. ONCE SITE HAS BEEN COMPLETELY STABILIZED, ANY SILT IN PIPES AND DRAINAGE SWALES SHALL BE REMOVED WITHIN 10 DAYS.
- TEMPORARY SEDIMENTATION AND STORM WATER POLLUTION PREVENTION MEASURES MUST BE INSPECTED AND LOGGED BY THE CONTRACTOR FOR INSPECTION, LOGGING SHALL BE WEEKLY AND AFTER RAIN STORMS.
- UTILITY COMPANIES MUST COMPLY WITH ALL STORM WATER POLLUTION PREVENTION MEASURES AS DEFINED ON THE STORM WATER PREVENTION PLANS, DETAILS AND NOTES.
- THE TOTAL AREA OF DISTURBANCE FOR THIS PROJECT IS APPROXIMATELY 0.96 ACRES.
- ALL EXISTING WATER COURSES WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY PROTECTED DURING LAND CLEARING AND GRADING OPERATIONS. SOILS WITHIN 50 FEET OF SAID WATER COURSES SHALL BE STABILIZED WITHIN 2 DAYS OF THE INITIAL CLEARING / GRADING OPERATION AS SHOWN ON PLANS.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF FINAL GRADING.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SEDIMENTATION AND STORM WATER POLLUTION PREVENTION ITEMS AT ALL TIMES.
- ALL STORM WATER POLLUTION PREVENTION PRACTICES WILL BE INSTALLED BEFORE ANY OTHER EARTH MOVING OCCURS.
- THE FOLLOWING STORM WATER POLLUTION PREVENTION AND SEDIMENT CONTROL MEASURES WILL BE USED ON THIS SITE:
 - SILT BARRIERS
 - SILT FENCE
 - CONSTRUCTION ENTRANCE
 - EROSION CONTROL SEED BLANKETS - SPEC FOR TEMPORARY EROSION CONTROL BLANKETS ON SLOPES/DITCHES

CONSTRUCTION SEQUENCE

- STAKE AND/OR FLAG LIMITS OF CLEARING
- DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED.
- CLEARING & GRUBBING, AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
- INSTALL SILT FENCE PERIMETER CONTROLS AS SHOWN ON PLANS.
- INSTALL CONSTRUCTION ENTRANCE. IF CONDITIONS ARE SUCH THAT MUD IS COLLECTION ON VEHICLE TIRES, THE TIRES MUST BE CLEANED BEFORE THE VEHICLES ENTER THE PUBLIC ROADWAY. THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOW OF MUD INTO THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO THE ROADWAY MUST BE REMOVED PROMPTLY.
- CLEARING & GRUBBING THE REMAINING SITE AS NECESSARY.
- BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.
- CONSTRUCT AND MAINTAIN TEMPORARY DRAINAGE SWALES DURING FILLING AND GRADING ACTIVITIES.
- CONSTRUCT SITE WORK INCLUDING STORM DRAINAGE FACILITIES.
- MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED.
- REMOVE SEDIMENT CONTROLS.

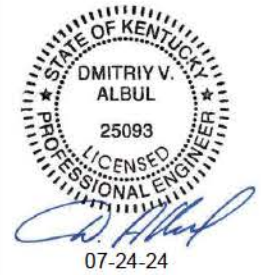


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SITE INFORMATION:
CK GLOVER CREEK
 486 SUMMER SHADE RD
 SUMMER SHADE, KY 42166
 METCALFE COUNTY

SITE NUMBER:
 725005

SITE NAME:
 CK GLOVER CREEK

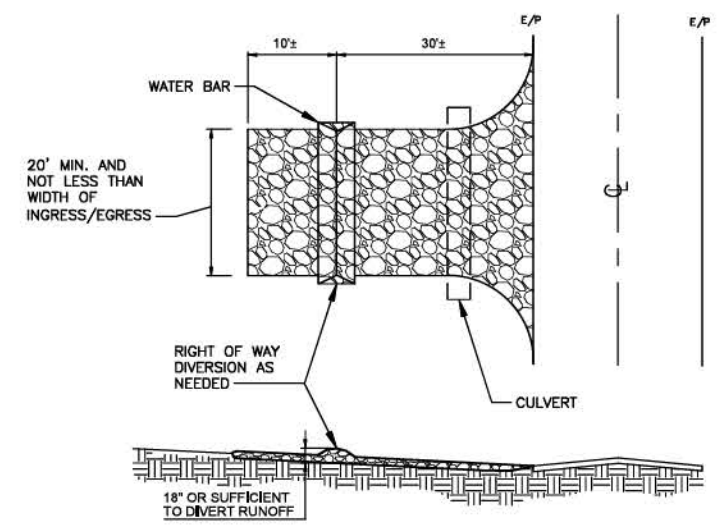
PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
BEST MANAGEMENT PRACTICES & EROSION CONTROL DETAILS AND NOTES

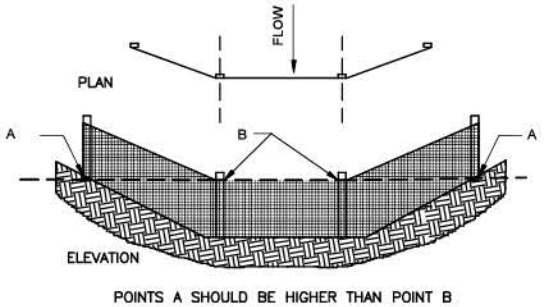
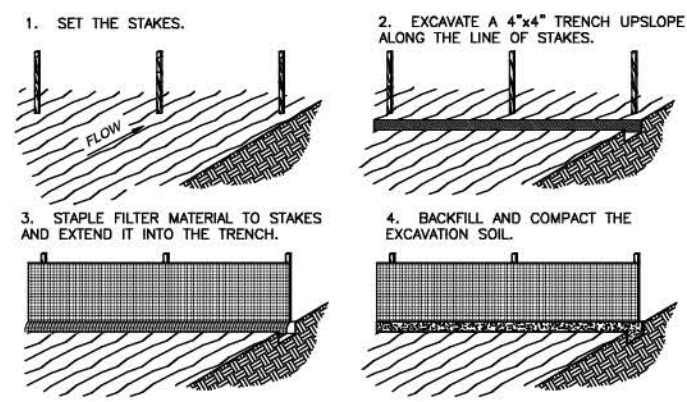
SHEET NUMBER:

C-7

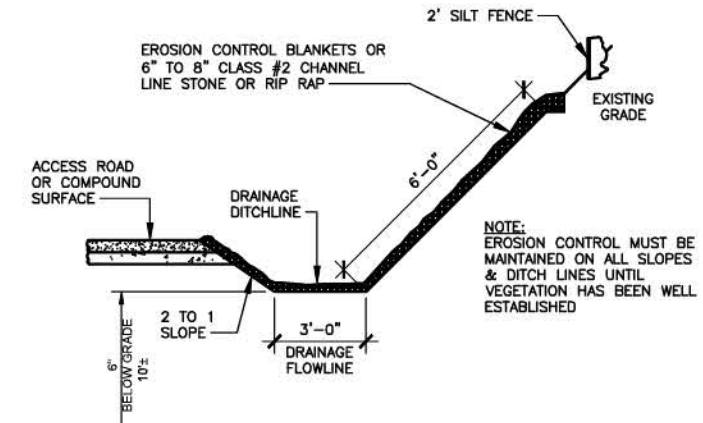


- NOTES:**
- STONE SIZE - TWO INCH STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
 - THE CONSTRUCTION ENTRANCE SHALL COINCIDE WITH THE PROPOSED DRIVE AS SHOWN ON THE PLAN.
 - PAVEMENT THICKNESS - STONE LAYER SHALL BE AT LEAST 6" THICK.
 - DRIVEWAY WIDTH - THE ENTRANCE SHALL BE AT LEAST 10' WIDE, BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS/EGRESS OCCURS.
 - BEDDING - A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200 LBS. AND A MULLEN BURST STRENGTH OF AT LEAST 190 LBS.
 - CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
 - WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
 - MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND, MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
 - CONSTRUCTIONS ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SHALL BE RESTRICTED FROM MUDDY AREAS.

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE 1
 SCALE: N.T.S. C-7



SILT FENCE DETAIL 2
 SCALE: N.T.S. C-7

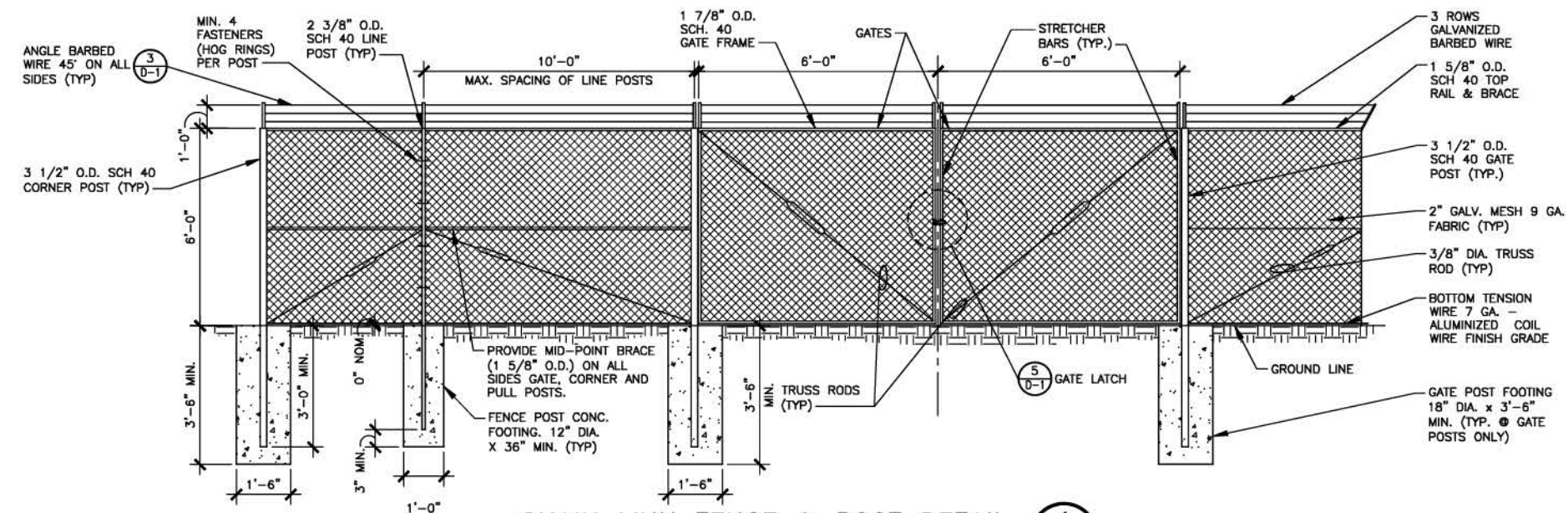


- NOTE:**
 EROSION CONTROL MUST BE MAINTAINED ON ALL SLOPES & DITCH LINES UNTIL VEGETATION HAS BEEN WELL ESTABLISHED
- NOTES:**
- WHEN FACED WITH SLOPES LESS THAN 2 TO 1 SLOPES, ALL SLOPES SHOULD BE DOZER TRACKED PRIOR TO SEEDING. ALL SLOPES SHOULD HAVE EROSION CONTROL BLANKETS OR RIP RAP EMBEDDED ON SLOPES SURFACES TO REDUCE EROSION.
 - ALL FLOWLINES MUST BE INSTALLED BELOW SUB-GRADE OF COMPOUND. (AT MINIMUM OF 6" BELOW)

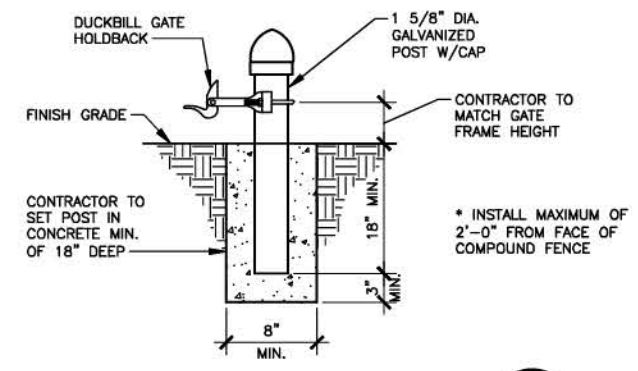
DRAINAGE DITCHLINE DETAIL (SWALE) 3
 SCALE: N.T.S. C-7

CHAIN LINK FENCING NOTES

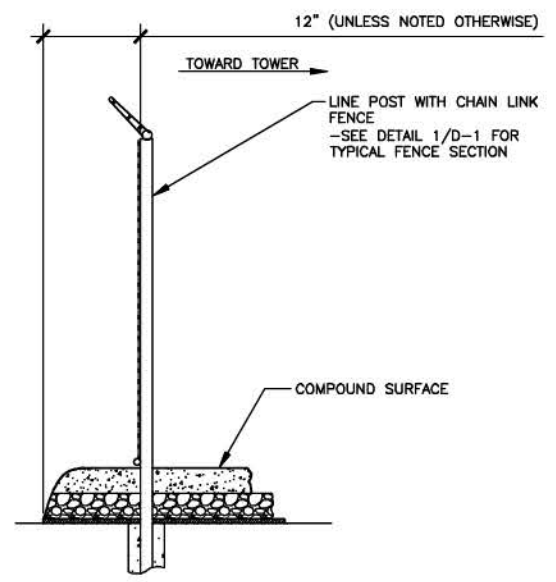
1. ALL FENCE AND FABRIC SHALL BE HOT DIPPED GALVANIZED WITH A MINIMUM OF 2 OZ. PER SQUARE FOOT, 9 GAUGE WIRE (MIN. BREAKING STRENGTH OF 1,290 LBS) WITH 2" MESH. ALL BARBED WIRE SHALL BE ALUMINUM OR COATED PER NOTE #4.
2. BOTTOM EDGE OF FENCE FABRIC SHALL EXTEND TO FINISHED GRADE.
3. SITE FENCE SHALL 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 1, 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 MANUFACTURERS INSTITUTE CLFM-PM 2445.
10. CONTRACTOR SHALL FURNISH AND INSTALL ONE (1) MASTER LOCK LONG SHANK #175LH COMBINATION PADLOCK. COMBINATION TO BE SET AT 7011.



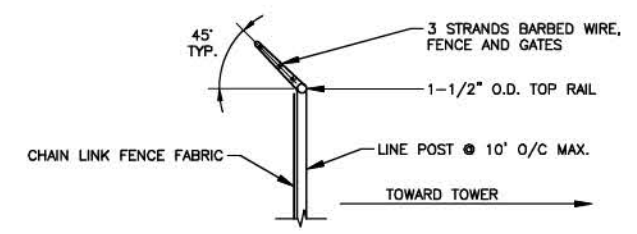
CHAIN LINK FENCE & POST DETAIL 1
SCALE: N.T.S.



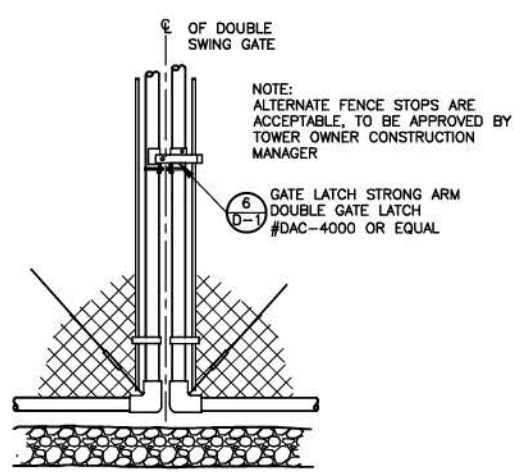
GATE KEEPER DETAIL 4
SCALE: N.T.S.



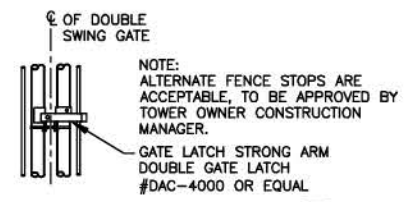
SITE AREA SURFACING 2
SCALE: N.T.S.



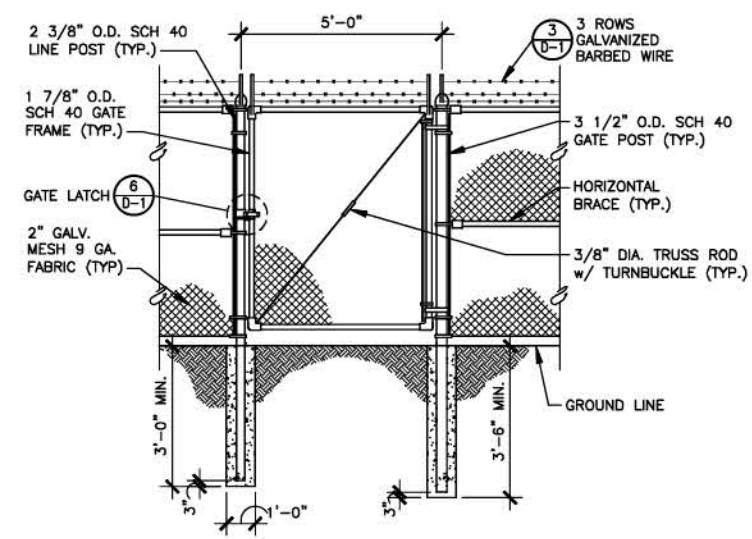
TYPICAL BARBED WIRE DETAIL 3
SCALE: N.T.S.



GATE LATCH DETAIL 5
SCALE: N.T.S.

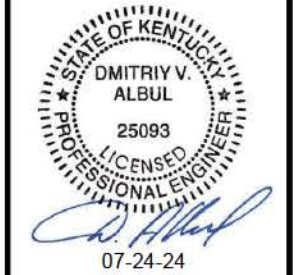


GATE LATCH DETAIL 6
SCALE: N.T.S.



MAN GATE DETAIL 7
SCALE: N.T.S.

REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
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1	06/12/24	ISSUED FOR CONSTRUCTION
2	07/11/24	ISSUED FOR CONSTRUCTION
3	07/23/24	ISSUED FOR CONSTRUCTION



SITE INFORMATION:
CK GLOVER CREEK
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

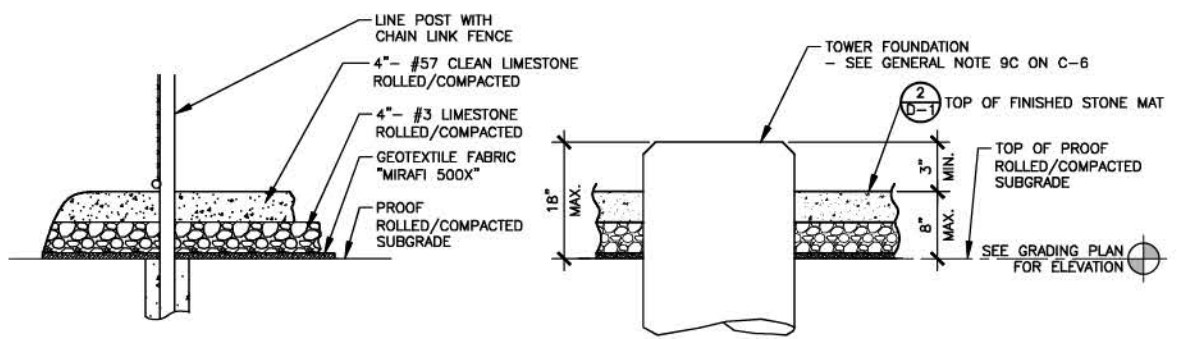
SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

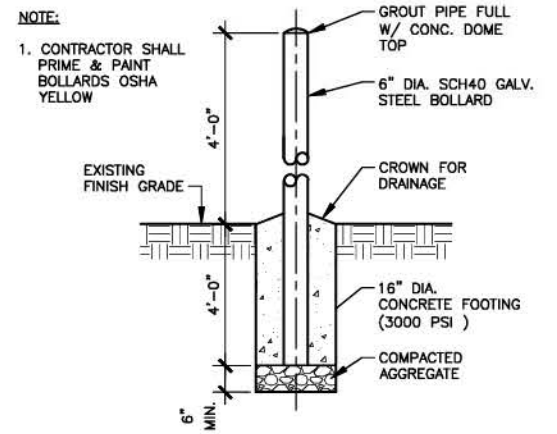
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
FENCE DETAILS & NOTES

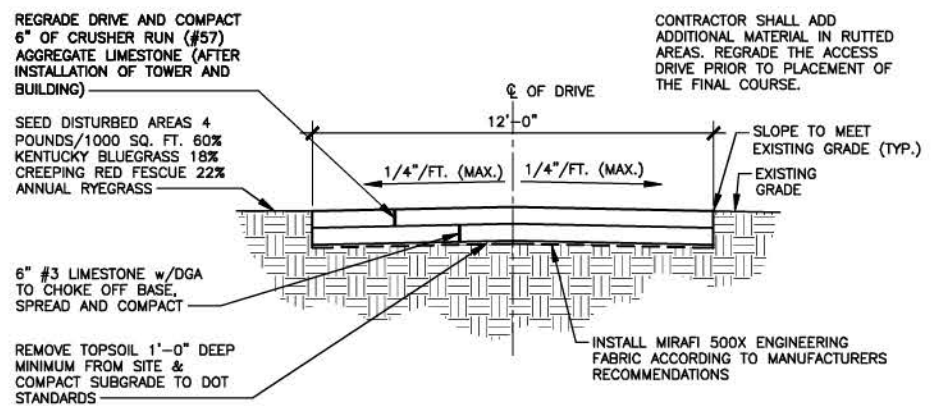
SHEET NUMBER:
D-1



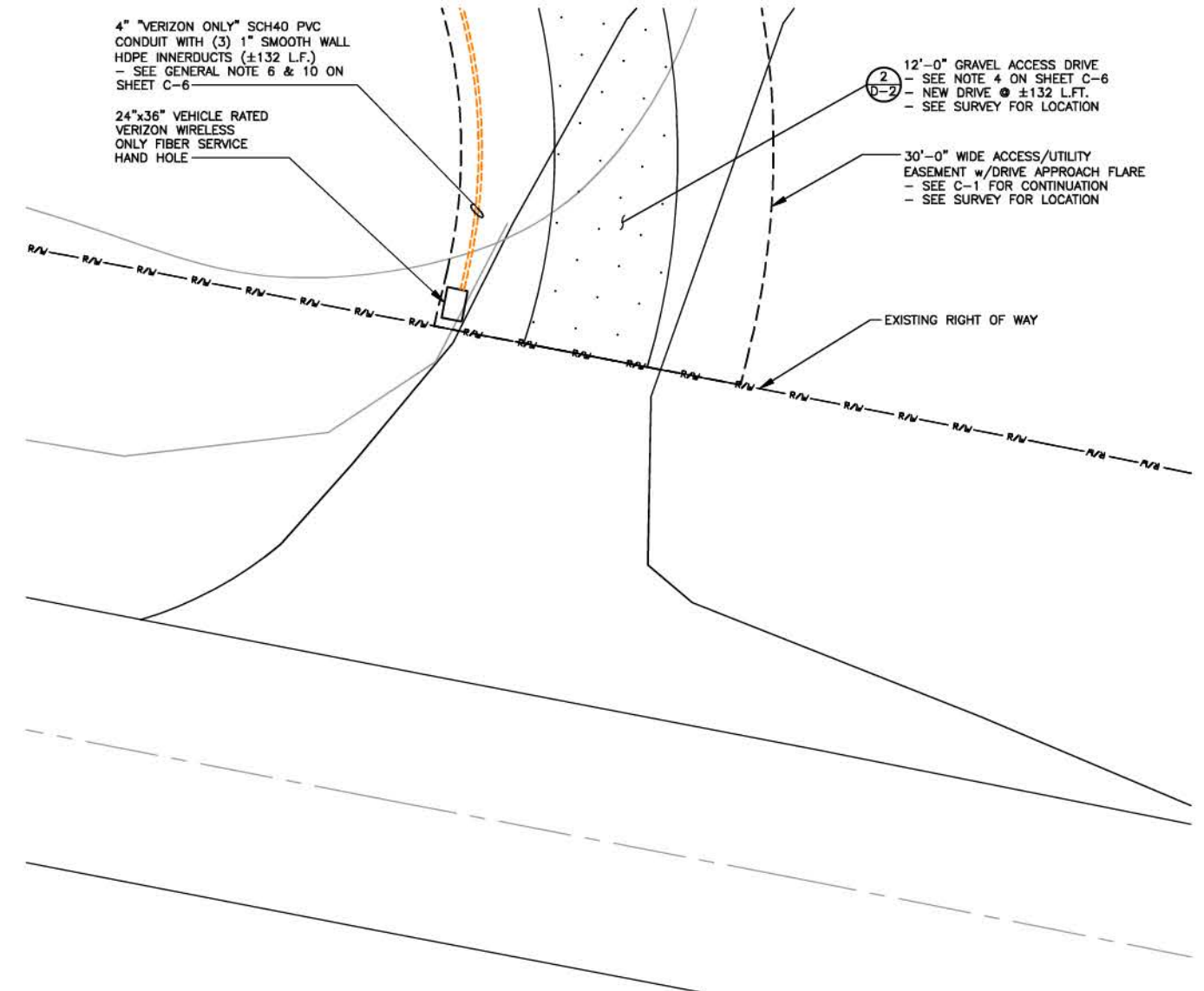
PARTIAL COMPOUND SECTION 1 D-2
SCALE: N.T.S.



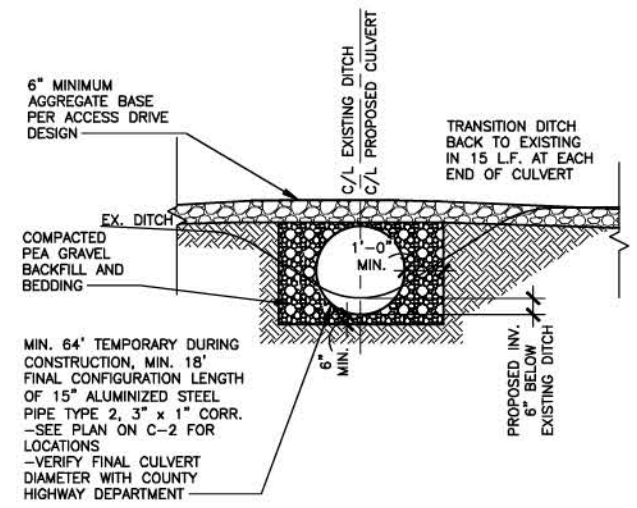
BOLLARD DETAIL 4 D-2
SCALE: N.T.S.



ACCESS DRIVE TYPICAL SECTION 2 D-2
SCALE: N.T.S.

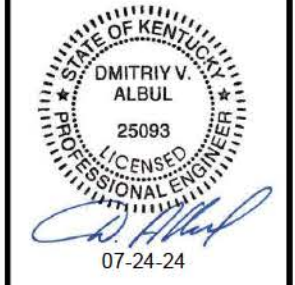


ENLARGED FIBER HAND HOLE PLAN AT R.O.W. 5 D-2
SCALE: 1/16" = 1'-0"



CULVERT DETAIL 3 D-2
SCALE: N.T.S.

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SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

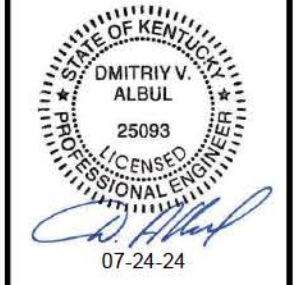
SHEET TITLE:

SITE DETAILS

SHEET NUMBER:

D-2

REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
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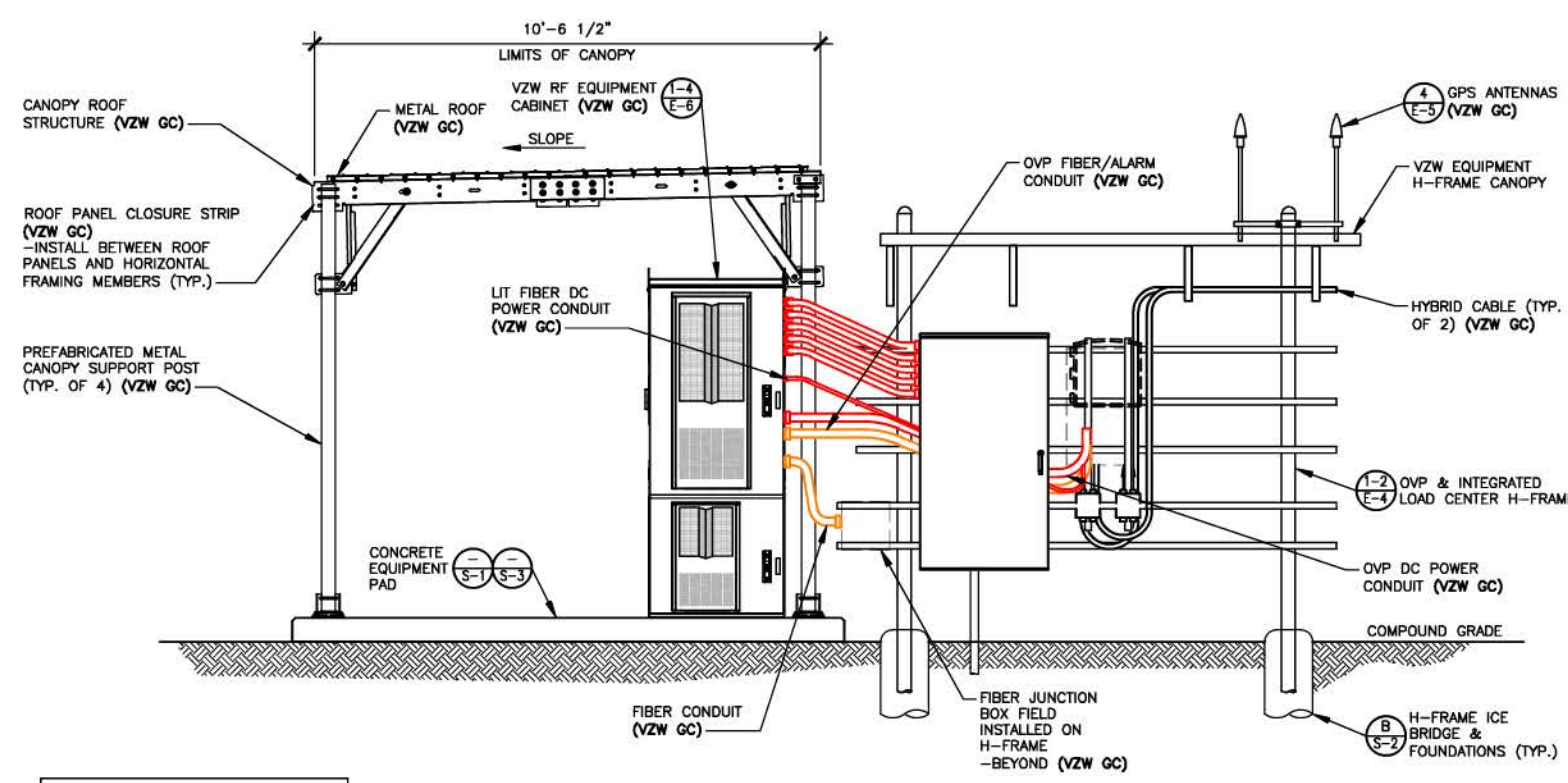
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
EQUIPMENT PAD & CANOPY ELEVATIONS

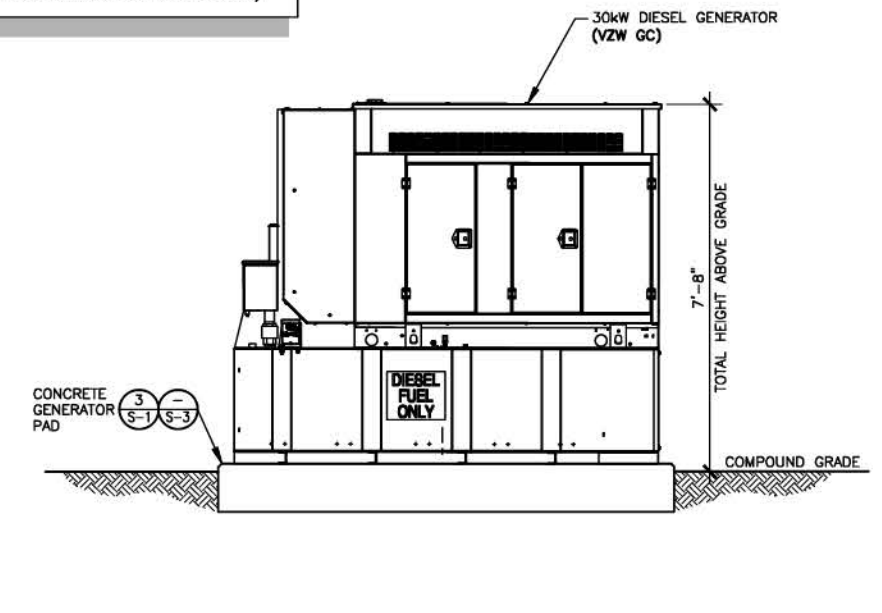
SHEET NUMBER:

D-3

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)

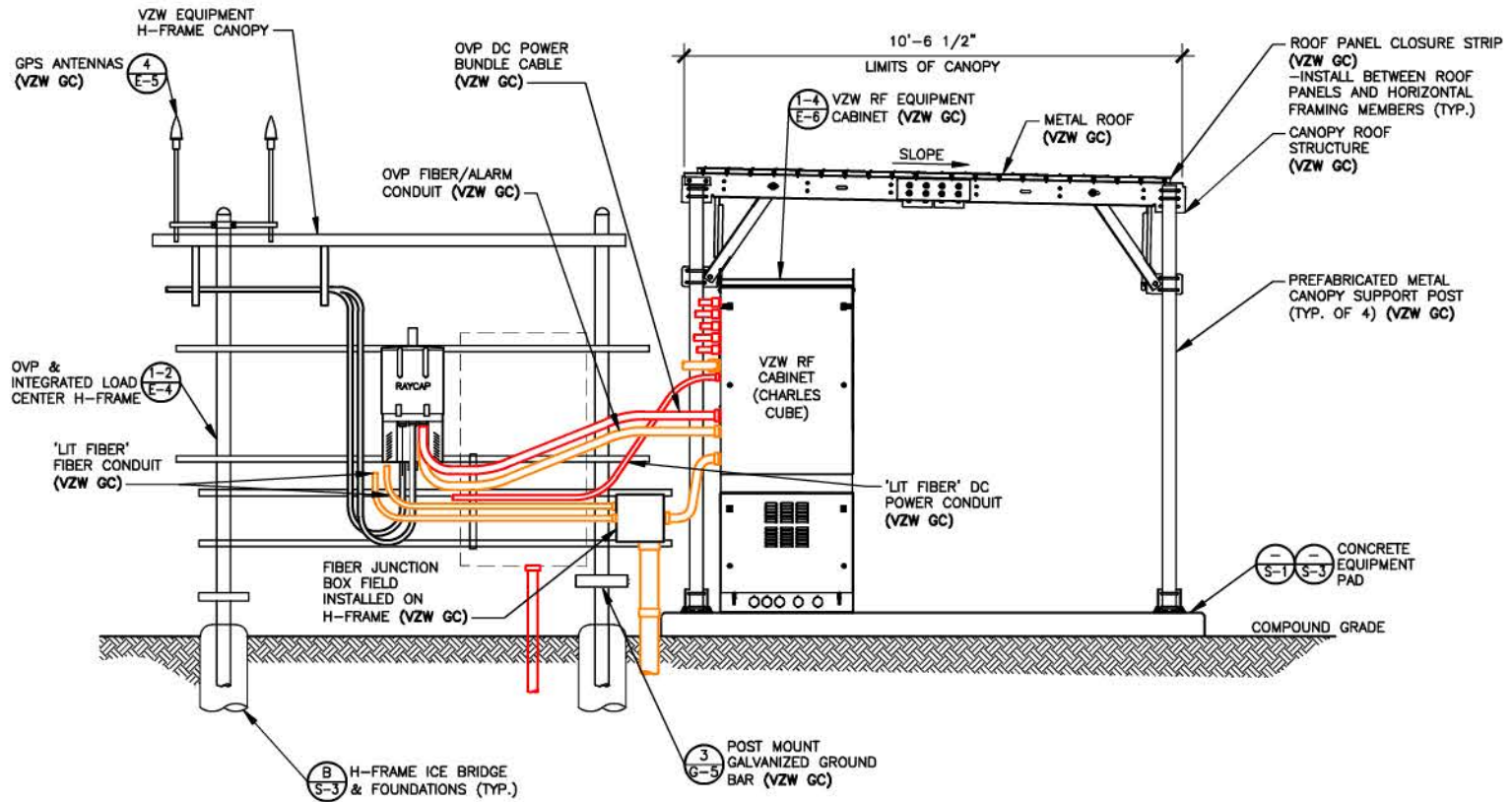


FRONT ELEVATION
SCALE: 1/4" = 1'-0"

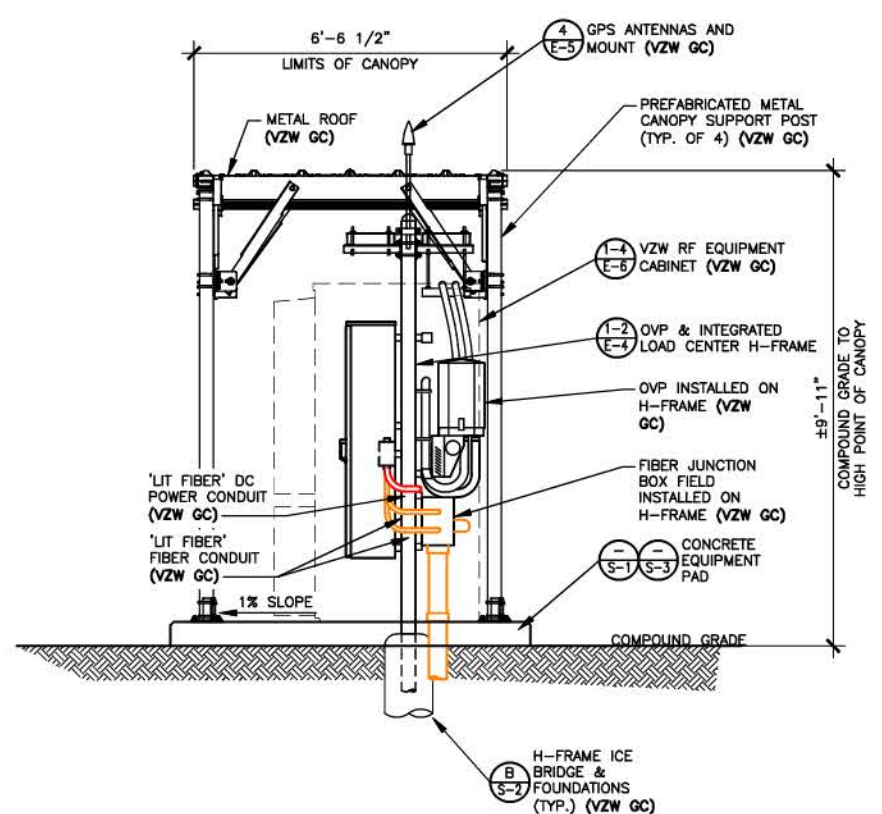


GENERATOR ELEVATION
SCALE: 1/4" = 1'-0"

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



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



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

STANDARD SITE SIGNAGE:

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

-N.O.C. STANDS FOR "NETWORK OPERATIONS CENTER"
 -S.D.S. STANDS FOR "SAFETY DATA SHEET"

NOTES:

- CONTRACTOR SHALL INSTALL ALL SIGNS ON THE FRONT OF EACH CABINET. ALL SIGNS CAN BE PLACED ON ONLY THE UPPER DOOR, IF SPACE IS AVAILABLE.
- CONTRACTOR SHALL INSTALL SIGN C3 OR C4 BASED ON THE TYPE OF BATTERY THAT IS BEING INSTALLED.



FIGURE 1 - EQUIPMENT CABINET SIGNAGE

N/A



FIGURE 5 - EME SIGN



FIGURE 3 - TOWER A.S.R. SIGN



FIGURE 4 - FENCE COMPOUND A.S.R. SIGN



FIGURE 6 - DRIVEWAY A.S.R. SIGN

SIGNAGE FOR EACH GENERATOR FUEL TYPE:

DIESEL GENERATOR

REQUIRED SIGNS:	LOCATIONS:
D1 • "DANGER DIESEL FUEL"	INSTALL ON GENERATOR (SEE FIGURE 6)
D2 • HAZARD DIAMOND	
D3 • NOTICE SIGN	INSTALL ON FUEL TANK
D4 • FUEL TANK CAPACITY	

*SIGNS D1 AND D2 MAY BE COMBINED TO A SINGLE SIGN

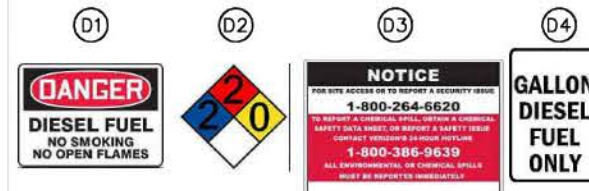


FIGURE 6 - DIESEL GENERATOR SIGNAGE

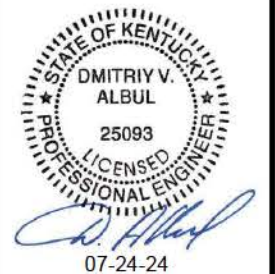
E.M.E. SIGNAGE NOTES:

- CONTRACTOR SHALL AT A MINIMUM INSTALL "NOTICE" ELECTROMAGNETIC ENVIRONMENT (E.M.E.) SIGNAGE ON COMPOUND FENCE AT ALL SITES. (SEE FIGURE 5)
- CONTRACTOR SHALL VERIFY WITH THE VERIZON CONSTRUCTION MANAGER IF ANY ADDITIONAL E.M.E. SIGNAGE IS REQUIRED AT A SITE PRIOR TO SIGNAGE INSTALLATION. (SEE FIGURE 9)



FIGURE 9 - TYPICAL E.M.E. SIGNAGE

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0	03/23/24	PERMITTING CD
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SITE INFORMATION:
CK GLOVER CREEK

486 SUMMER SHADE RD
 SUMMER SHADE, KY 42166
 METCALFE COUNTY

SITE NUMBER:
 725005

SITE NAME:
 CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
 CHECKED BY: PL
 DATE: 03.14.24

SHEET TITLE:
 VERIZON WIRELESS
 SIGNAGE (REFERENCE
 ONLY)

SHEET NUMBER:
 D-4

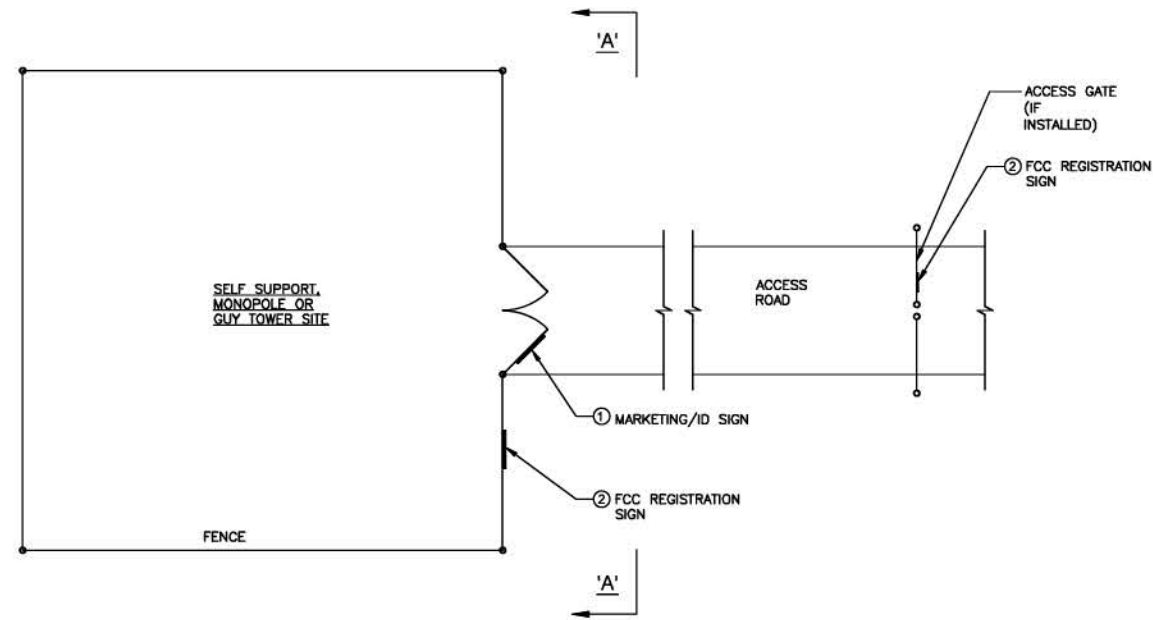
NOTES:

TOWER LEG W/CLIMBING CABLE. DO NOT RESTRICT CLIMBING ACCESS.

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

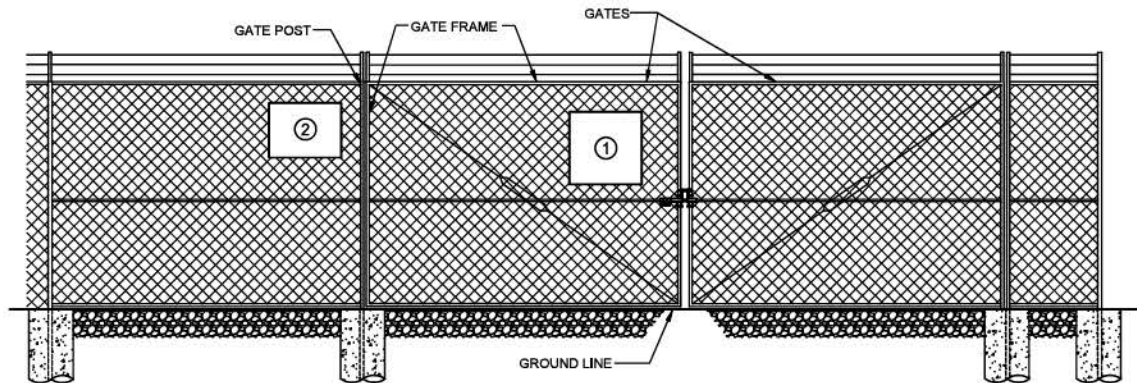
NOTES:

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



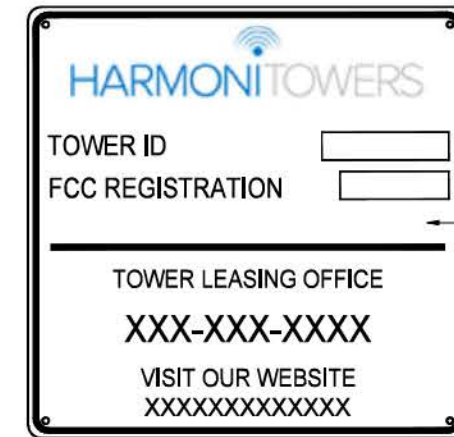
TYPICAL SITE FENCE SIGNAGE PLAN

SCALE: N. T. S.



ELEVATION "A-A"

SCALE: N. T. S.

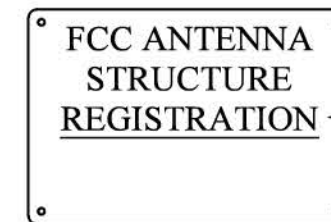


WHITE BACKGROUND w/BLACK LETTERING

MARKETING/ID SIGN

24" WIDE x 24" HIGH

1



WHITE BACKGROUND w/BLACK LETTERING

FCC REGISTRATION SIGN

24" WIDE x 18" HIGH

2



11101 ANDERSON DR
SUITE 200
LITTLE ROCK, AR 72212



49030 Pontiac Trail, Suite 100
Wixom, Michigan 48393
PHONE: (248) 705-9212

REV.	DATE	DESCRIPTION
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3	07/23/24	ISSUED FOR CONSTRUCTION



**SITE INFORMATION:
CK GLOVER CREEK**

486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
TOWER OWNER SITE
FENCE SIGNAGE
(REFERENCE ONLY)

SHEET NUMBER:
D-5

NOTE:
ALL GENERATOR CONDUITS SHALL BE INSTALLED AND CAPPED WEATERTIGHT FOR FUTURE GENERATOR INSTALLATION IF REQUIRED

STRUCTURAL NOTES

1. CANOPY SYSTEM DESIGN LOADINGS:
 ROOF SNOW LOAD 60 PSF
 DEAD LOADS ACTUAL MATERIAL WEIGHTS
 BASIC WIND SPEED 110 MPH

DESIGN CODES
 7-16 BUILDINGS AND OTHER STRUCTURES: ASCE 7-10, ASCE 7-16
 TOWERS: ANTENNA SUPPORTS, RELATED APPURTENANCES AND TIA-5053, TIA-222-H AND TIA-222-G

2. BUILDING FOUNDATION SYSTEM:
 THE SUBSURFACE REPORT WAS PROVIDED BY XYZ ENGINEERING, INC., DATED MONTH DAY, YEAR.

ALLOWABLE BEARING CAPACITY BLDG. FOOTINGS **** PSF

ALL CONTRACTORS SHALL EXERCISE GREAT CARE DURING EXCAVATION. ALL CONTRACTORS SHALL PREDETERMINE UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY IF DEVIATION FROM PLANS EXIST.

THE SUBSURFACE REPORT IS NOT TO BE CONSIDERED AS A COMPLETE RECORD OF THE EXISTING CONDITIONS AT THE SITE. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, INCLUDING SUBSURFACE CONDITIONS. THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE OWNER PRIOR TO SITE ENTRY FOR THE PURPOSE OF CONDUCTING SOIL TESTING AND VERIFICATION OF EXISTING CONDITIONS.

FOUNDATION SUBGRADES SHALL BE HAND TRIMMED AND COMPACTED. ALL BACKFILL TO BE COMPACTED TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.

3. CONCRETE WORK:
 CONCRETE CYLINDERS SHALL BE TAKEN AND TESTED BY A QUALIFIED CONCRETE TESTING COMPANY. THE GENERAL CONTRACTOR SHALL PROVIDE ONE (1) CYLINDER SAMPLE TAKEN PER TRUCK OR FOUR (4) TOTAL FOR BUILDING FOUNDATION AND THE CONCRETE MUST MEET A 4" SLUMP. THE GENERAL CONTRACTOR SHALL PROVIDE THREE (3) COPIES OF TESTING RESULTS TO VERIZON WIRELESS AND TOWER OWNER CONSTRUCTION MANAGERS. FAILURE TO PROVIDE WRITTEN DOCUMENTATION WILL RESULT IN A DEDUCTION FROM THE CONTRACT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY ADDITIONAL COSTS IN TESTING DUE TO DELAYS BY THE GENERAL CONTRACTOR OR HIS SUBCONTRACTORS. USE AIR ENTRAINMENT IN EXTERIOR SLABS.

SPECIFICATIONS
 - LATEST EDITION OF ACI-318 AS ADOPTED BY THE STATE OF KENTUCKY
 - BLDG. FOUNDATION F'c = 4000 PSI @ 28 DAYS
 - 2"-4" SLUMP

MATERIALS
 - REINFORCING ASTM A615, GRADE 60
 - ANCHOR BOLTS ASTM F1554 A36

REINFORCING COVERS
 - FOOTINGS TOP 2"
 BOTTOM/SIDES 3"

REINFORCING EMBEDMENT AND LAP SPLICES (INCHES) FOR 4000 PSI CONCRETE

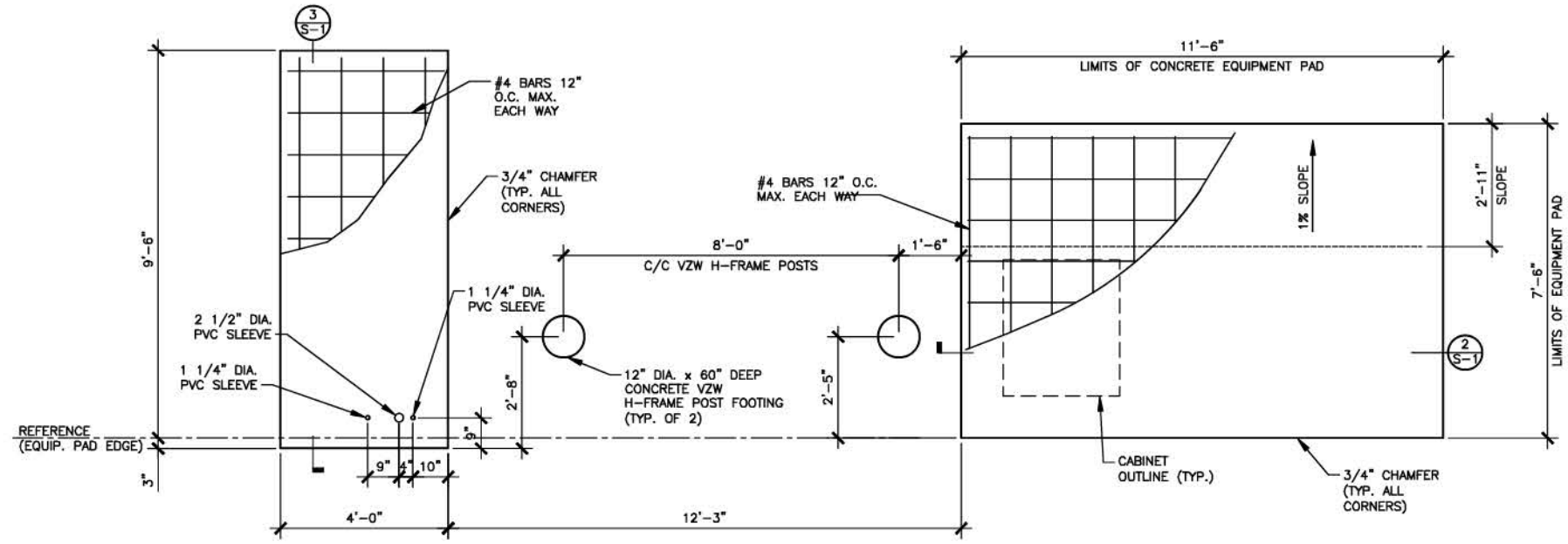
BAR SIZE	ANCHORAGE	SPLICE (OTHER)	ANCHORAGE (TOP)	SPLICE (TOP)
#4	12"	25"	25"	33"

CHAMFER TOP CORNERS OF ALL FOUNDATIONS (3/4")

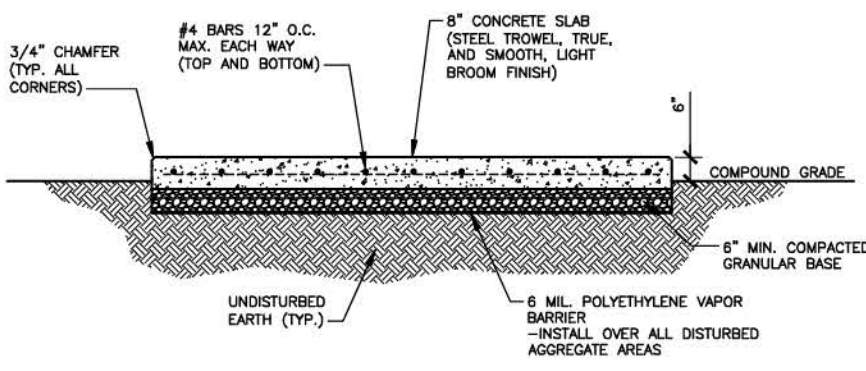
4. BURIED CABLE LOCATIONS INFORMATION
 CONTACT KENTUCKY 811 48 HR. PRIOR TO DIGGING, GRADING, OR DRILLING 1-800-752-6007 OR 811

ADDITIONAL CONCRETE NOTES:

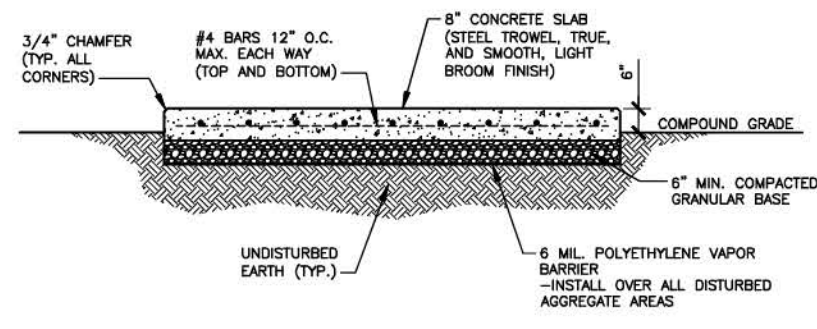
- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI*96, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND ACI 305, 306 AND 307 UNLESS NOTED OTHERWISE.
- ALL DETAILING, FABRICATION AND PLACING OF CONCRETE SHALL CONFORM TO ACI 318-11.
- ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% (±1%) AIR ENTRAINMENT.
- PROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.



EQUIPMENT AND GENERATOR PAD FOUNDATIONS PLAN
 SCALE: 1/4" = 1'-0"
 1 S-1



EQUIPMENT PAD FOUNDATION SECTION
 SCALE: 1/4" = 1'-0"
 2 S-1



GENERATOR PAD FOUNDATION SECTION
 SCALE: 1/4" = 1'-0"
 3 S-1

HARMONITOWERS
 11101 ANDERSON DR
 SUITE 200
 LITTLE ROCK, AR 72212

LAB
 49030 Pontiac Trail, Suite 100
 Wixom, Michigan 48393
 PHONE: (248) 705-9212

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3	07/23/24	ISSUED FOR CONSTRUCTION

STATE OF KENTUCKY
 DMITRIY V. ALBUL
 25093
 LICENSED PROFESSIONAL ENGINEER
 07-24-24

SITE INFORMATION:
CK GLOVER CREEK
 486 SUMMER SHADE RD
 SUMMER SHADE, KY 42166
 METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
 CHECKED BY: PL
 DATE: 03.14.24

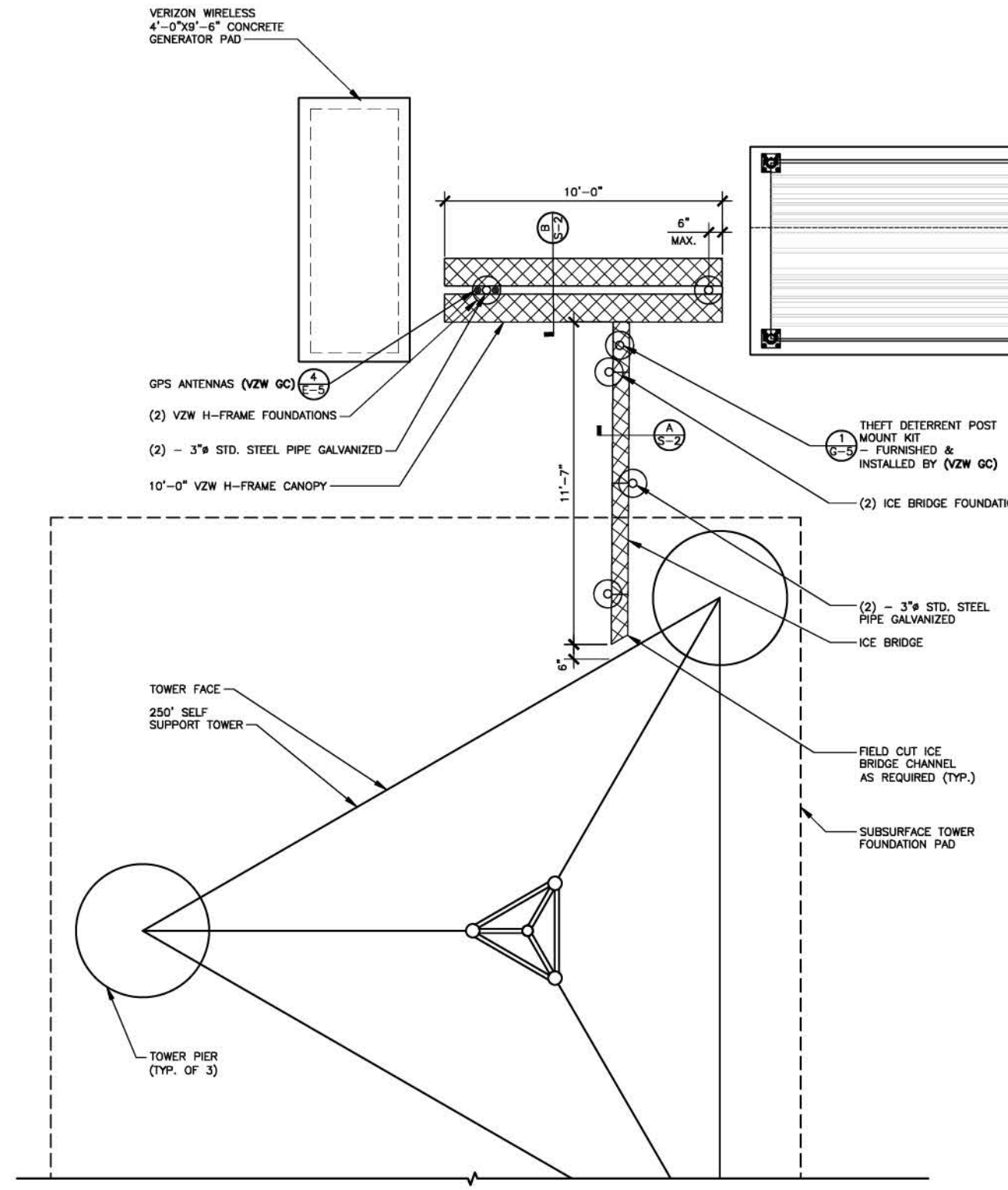
SHEET TITLE:
EQUIPMENT PAD FOUNDATION PLAN, DETAILS AND STRUCTURAL NOTES

SHEET NUMBER:

S-1

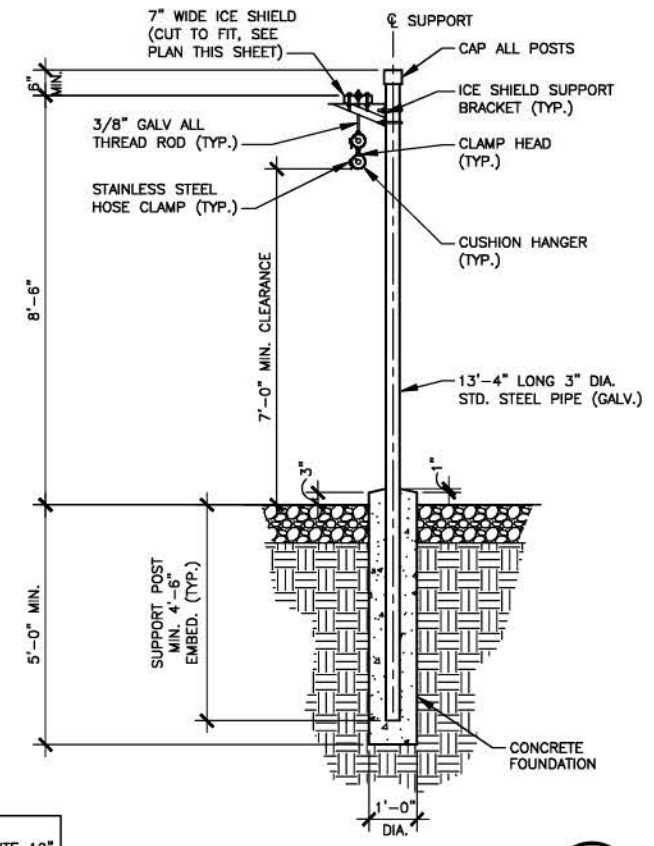
MK PAD & CANOPY REV 3 FINAL 10/16/23

Kentucky 811
 Know what's below. Call before you dig.
 Call Monday thru Friday - 7 am. to 6 pm.
 1-800-752-6007
 PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



ICE BRIDGE PLAN

SCALE: 3/16" = 1'-0"

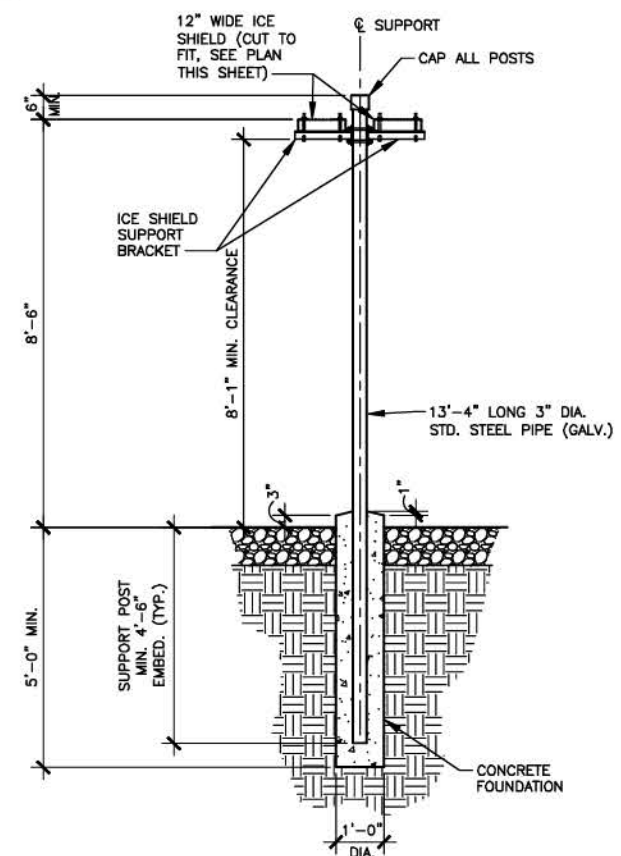


ICE BRIDGE SECTION

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



NOTE:
CONTRACTOR MAY SUBSTITUTE 12"
ICE BRIDGE FOR THE 7" SECTION
TO THE TOWER IF NO ADDITIONAL
COST TO VZW



**VZW H-FRAME
CANOPY SECTION**

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

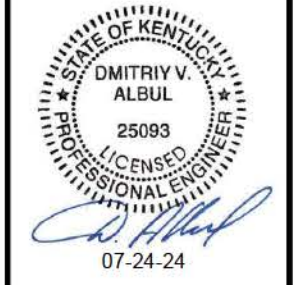


11101 ANDERSON DR
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SITE INFORMATION:
**CK GLOVER
CREEK**
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

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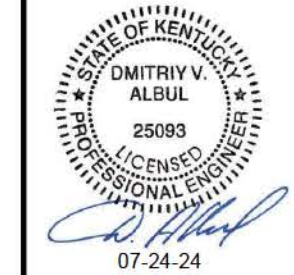
SHEET TITLE:
ICE BRIDGE PLAN
DETAILS

SHEET NUMBER:
S-2

MK PAD & CANOPY REV 3 FINAL 10/16/23

**Kentucky
811**
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LAW TO EXCAVATE WITHOUT NOTIFYING THE
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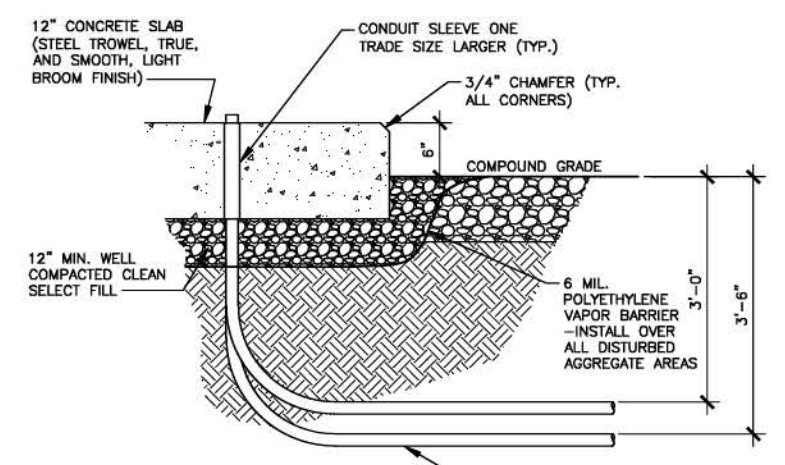
SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

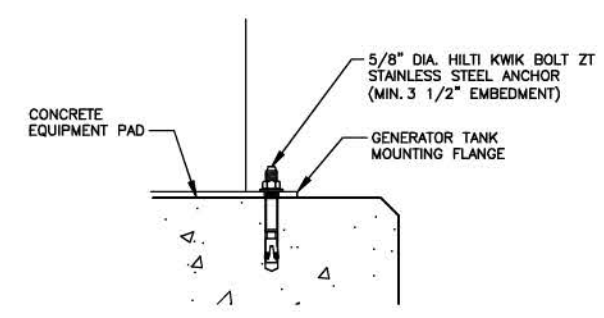
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
FOUNDATION PLAN DETAILS

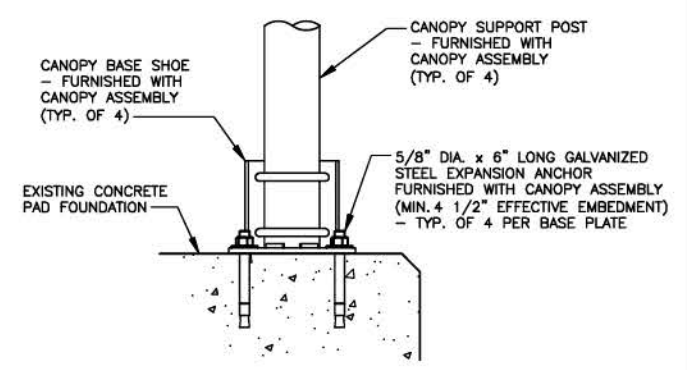
SHEET NUMBER:
S-3



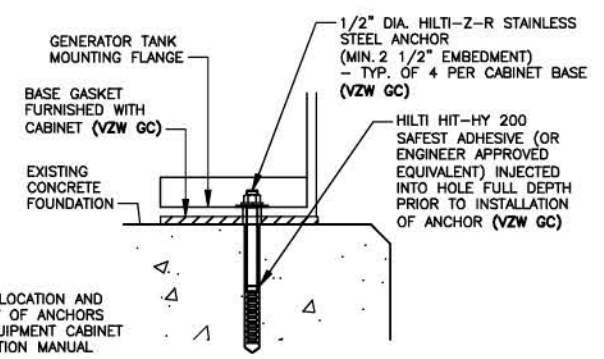
CONDUIT PENETRATION DETAIL 1
SCALE: N.T.S. S-3



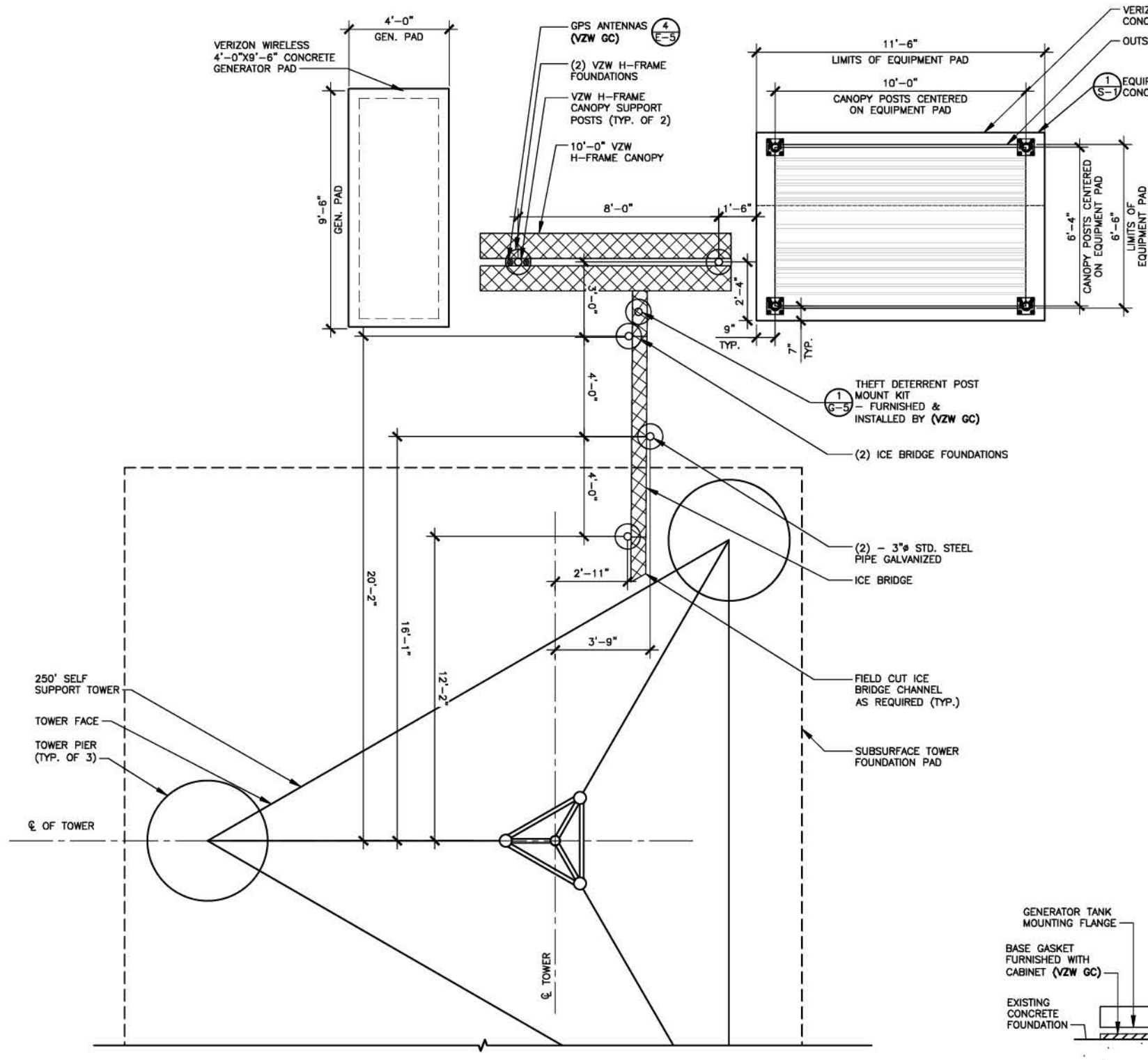
GENERATOR ANCHOR DETAIL 2
SCALE: N. T. S. (VZW GC) S-3



CANOPY BASE PLATE ANCHORING DETAIL 4
SCALE: N. T. S. S-3



EQUIPMENT CABINET MOUNTING DETAIL 3
SCALE: N. T. S. S-3

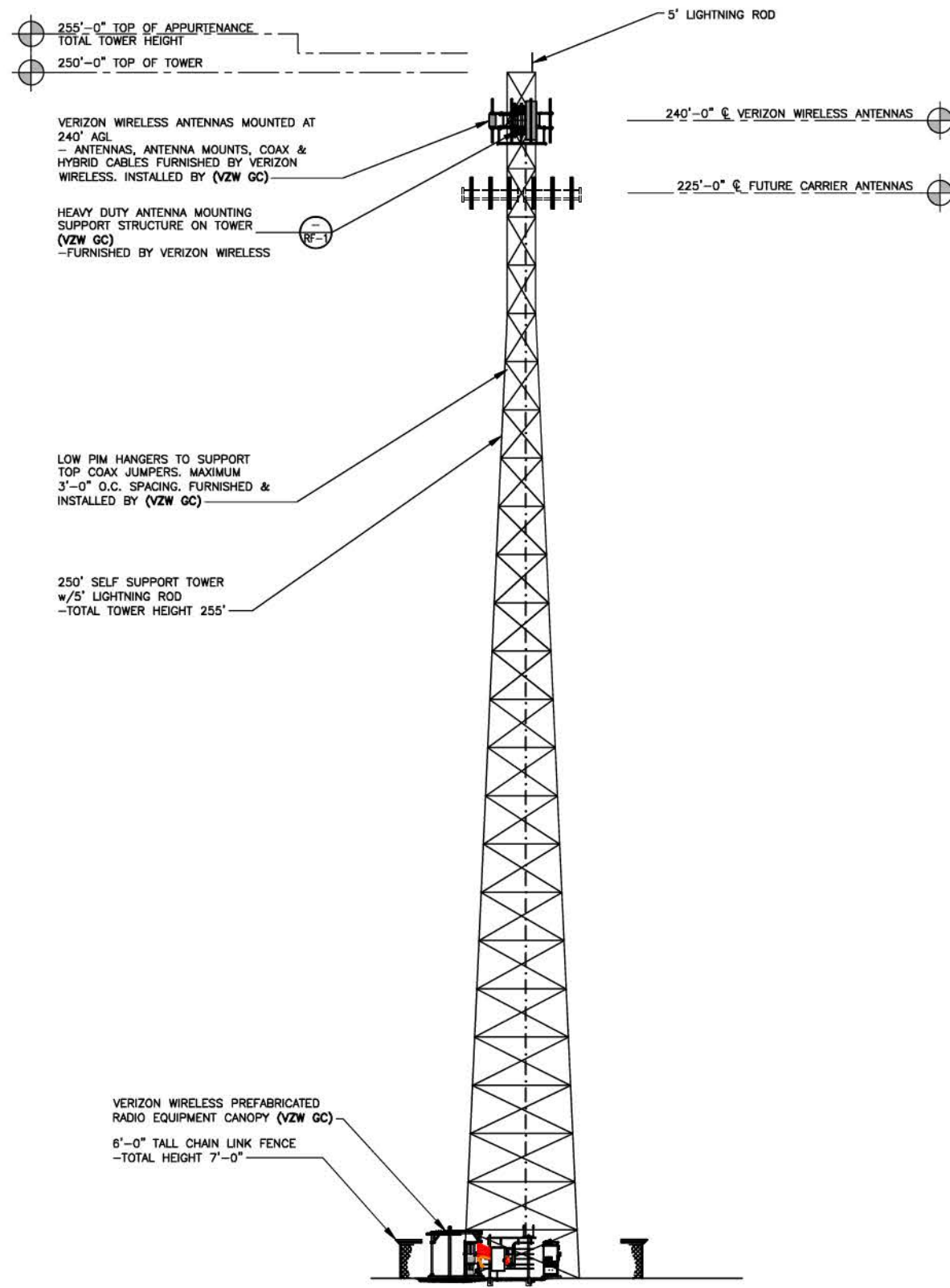


FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

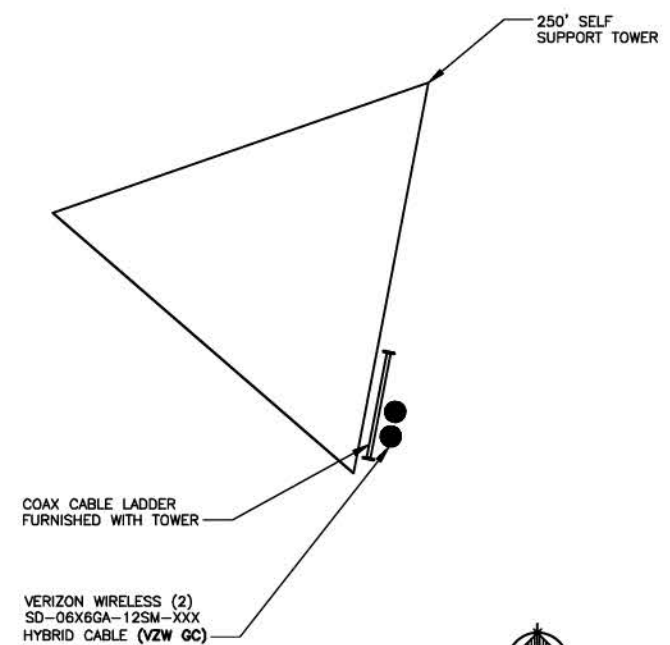


Kentucky 811
Know what's below.
Call before you dig.
Call Monday thru Friday - 7 am. to 6 pm.
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

*VERIFY LOCATION AND QUANTITY OF ANCHORS WITH EQUIPMENT CABINET INSTALLATION MANUAL.



TOWER ELEVATION 1
SCALE: N.T.S. TE-1



NOTE:

- IT IS THE INSTALLING CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL ANTENNA INFORMATION AGAINST FINAL RADIO ENGINEERING PLAN PROVIDED BY CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS (VZW GC)
- ALL TOWER LIGHTING SHALL BE INSTALLED AS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION AND RECOMMENDED BY THE USFWS INTERIM GUIDELINES (2000) FOR LIGHTING OF TOWERS OVER 200' IN HEIGHT.

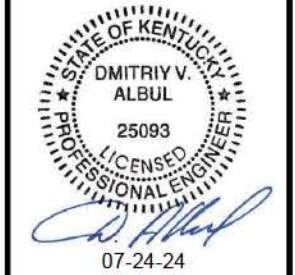


11101 ANDERSON DR
SUITE 200
LITTLE ROCK, AR 72212



49030 Pontiac Trail, Suite 100
Wixom, Michigan 48393
PHONE: (248) 705-9212

REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
B	03/15/24	REVISED CD
0	03/23/24	PERMITTING CDS
1	06/12/24	ISSUED FOR CONSTRUCTION
2	07/11/24	ISSUED FOR CONSTRUCTION
3	07/23/24	ISSUED FOR CONSTRUCTION



SITE INFORMATION:
CK GLOVER CREEK
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:

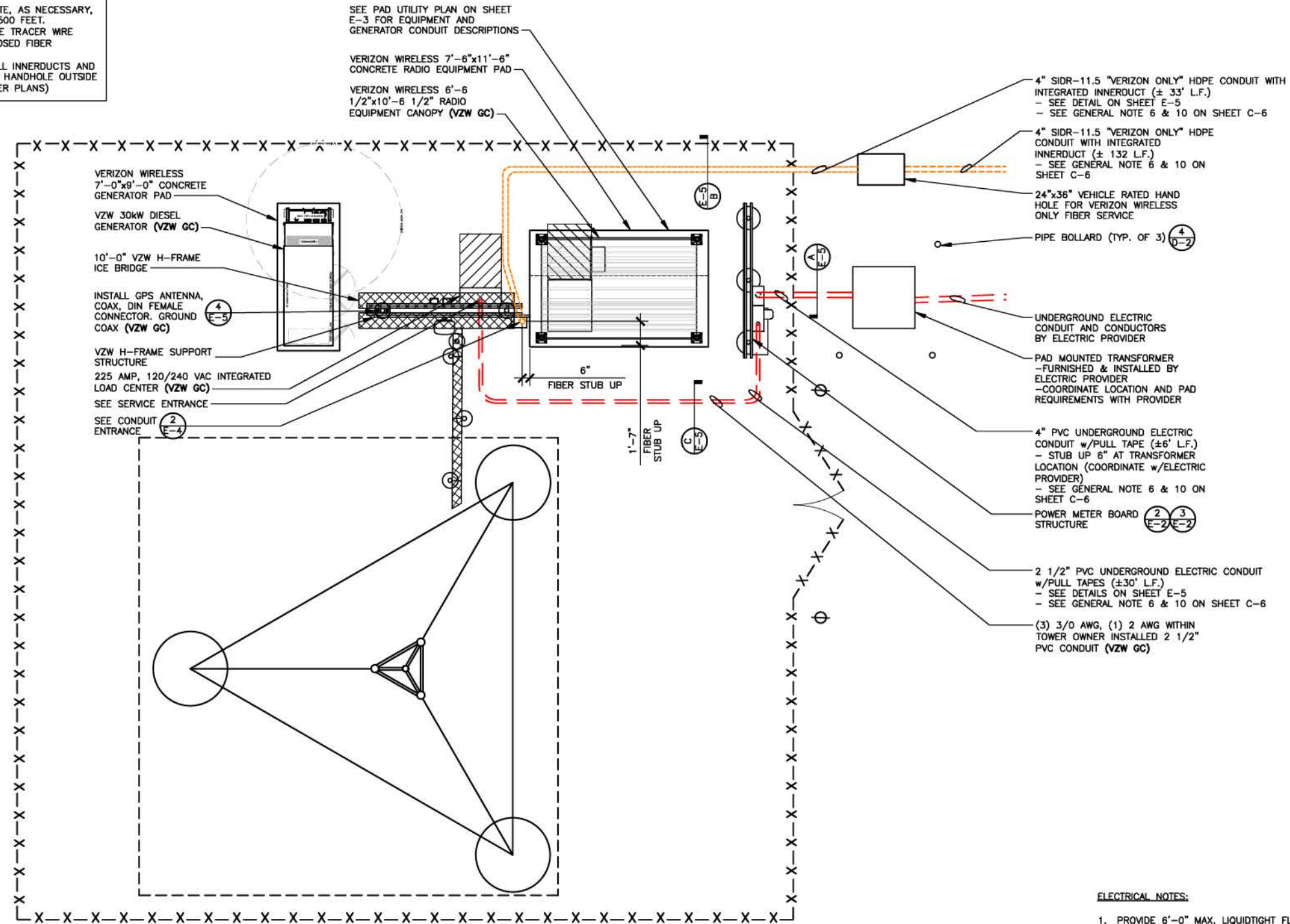
TOWER ELEVATION

SHEET NUMBER:

TE-1

ALTERNATE FIBER CONDUIT BID SPECIFICATION

- ONE 4" SCH40 PVC FIBER CONDUIT w/(3) 1" HDPE SMOOTH WALL 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 QUAZITE/HUBBELL POWER SYSTEMS MODEL PG2436Z1857B4 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. 1230N-HS) OR APPROVED EQUIVALENT ABOVE PROPOSED FIBER CONDUIT(S)
- ONE 4" SCH40 PVC FIBER CONDUIT w/(3) 1" HDPE SMOOTH WALL INNERDUCTS AND PULLTAPES SHALL BE INSTALLED FROM VERIZON WIRELESS ONLY HANDHOLE OUTSIDE COMPOUND TO VERIZON WIRELESS EQUIPMENT PAD LOCATION (PER PLANS)



- ELECTRICAL NOTES:**
- PROVIDE 6'-0" MAX. LIQUIDTIGHT FLEXIBLE METAL CONDUIT AT ALL EQUIPMENT CONNECTIONS.
 - ALL CONDUIT SHALL BE ROUTED WITHIN 2'-0" OF PERIMETER COMPOUND FENCE WHERE APPLICABLE.
 - CONDUIT TRENCH WIDTH SHALL NOT EXCEED 18" AT ALL ACCESS DRIVE LOCATIONS AND WHEN CROSSING THE COMPOUND GATE OPENING.
 - ALL CONDUIT RACEWAYS BETWEEN CABINETS ABOVE CONCRETE PAD SHALL BE 2" DIAMETER IMC WITH WEATHERPROOF FITTINGS.

SITE UTILITY PLAN

SCALE: N.T.S.



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STATE OF KENTUCKY
 DMITRIY V. ALBUL
 25093
 LICENSED PROFESSIONAL ENGINEER
D. Albul
 07-24-24

SITE INFORMATION:
CK GLOVER CREEK
 486 SUMMER SHADE RD
 SUMMER SHADE, KY 42166
 METCALFE COUNTY

SITE NUMBER:
 725005

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SHEET TITLE:

SITE UTILITY PLAN

SHEET NUMBER:

E-1

MK PAD & CANOPY REV 3 FINAL 10/16/23

VERIZON PANEL "A" SCHEDULE							
MAIN: 225/2		VOLTAGE: 120/240		PHASE: 1		WIRE: 3	
TO AUTOMATIC TRANSFER SWITCH							
DESCRIPTION	BRKR.	WATTS	WATTS	BRKR.	DESCRIPTION	WATTS	BRKR.
RECTIFIER #1	30/2	1800	1800	30/2	RECTIFIER #2	1800	30/2
RECTIFIER #3	30/2	1800	1800	30/2	RECTIFIER #4	1800	30/2
RECTIFIER #5	30/2	1800	1800	30/2	RECTIFIER #6	1800	30/2
RECTIFIER #7	30/2	1800	1800	30/2	RECTIFIER #8	1800	30/2
SPACE					SPACE		
SPACE					SPACE		
SPACE					SPACE		
SPACE					SPACE		
SPACE					SPACE		
SPACE					SPACE		
SPACE					SPACE		
GFCI RECEPTACLE (RF CABINET)	15/1	180			GFCI RECEPTACLE		
GEN. BLOCK HEATER	20/1	1500	180	15/1			
CANOPY LIGHTS	15/1	126	250	20/1			

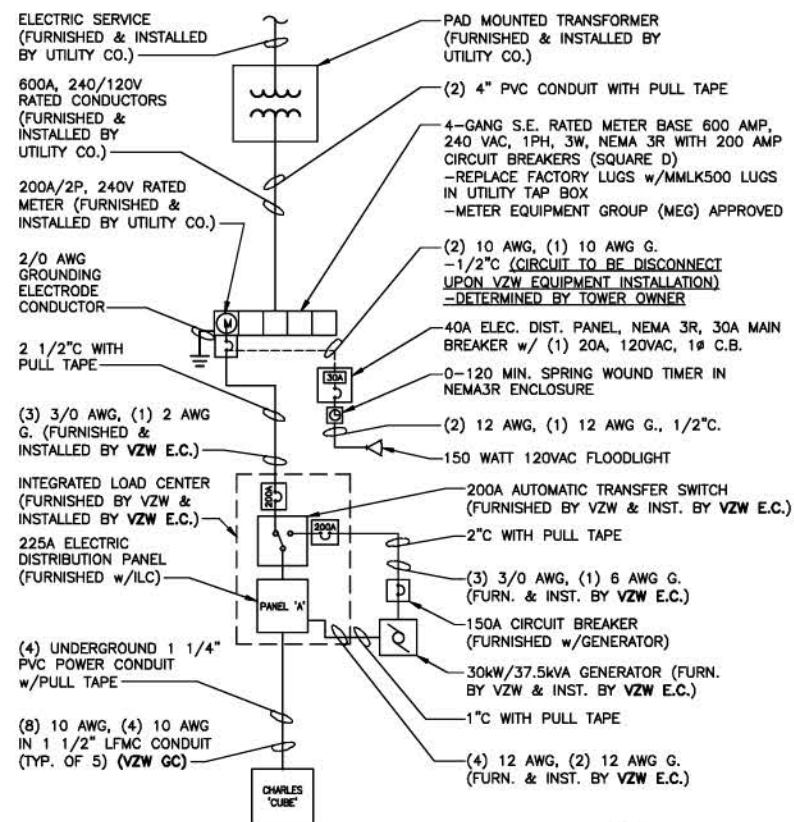
PANEL LOADING SUMMARY:

SURFACE MOUNTED NEMA 3R w/DOOR
22K AIC BREAKERS
(E.C. SHALL VERIFY AIC RATINGS W/LOCAL POWER CO.)

MAXIMUM LOADING ON 200A PANEL SHALL BE 160A CONTINUOUS. RECTIFIERS SHALL BE CONSIDERED A CONTINUOUS LOAD. MAXIMUM NUMBER OF RECTIFIERS SHALL NOT EXCEED 8. LOADING WILL VARY BASED ON QUANTITY OF RECTIFIERS/CABINETS AND WILL NOT BE DETERMINED UNTIL TIME OF BUILD BY VERIZON. VERIZON TO ENSURE THE MAXIMUM TOTAL PANEL LOAD DOES NOT EXCEED 160A CONTINUOUS LOAD. VERIZON SHALL ALSO VERIFY THAT THE GENERATOR IS CAPABLE OF TRANSFERRING THE ENTIRE PLANNED LOAD. VERIZON SHALL LOAD SHED AS REQUIRED IN ORDER TO ENSURE GENERATOR RATING IS NOT EXCEEDED.

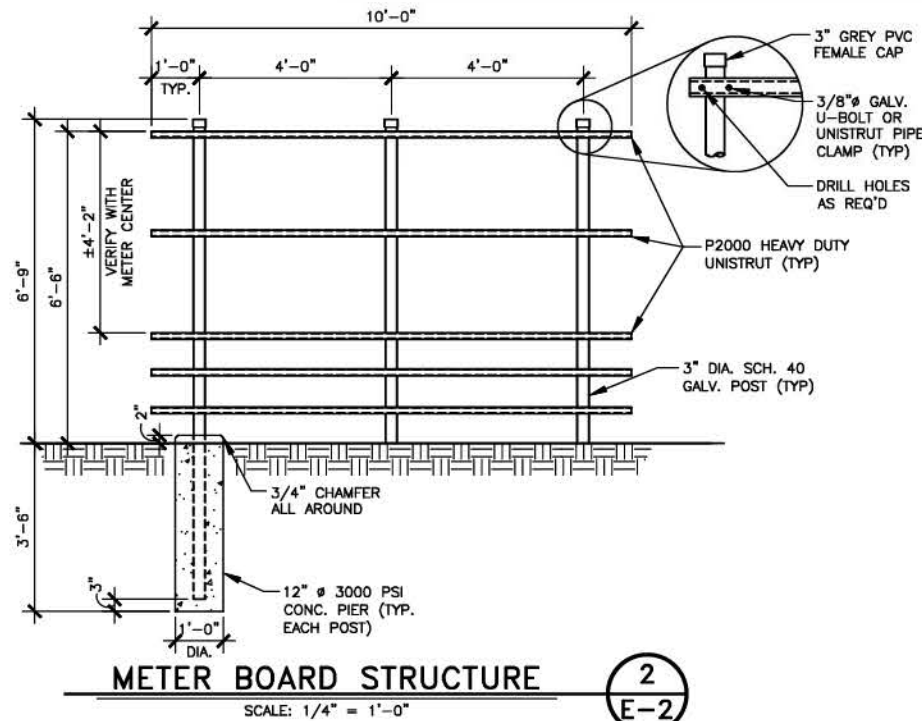
PANEL SCHEDULE "A"

SCALE: N.T.S.



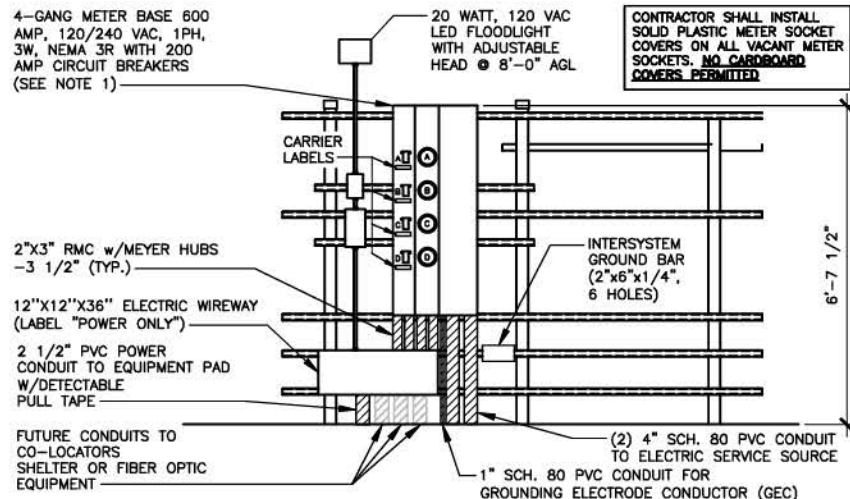
ONE LINE DIAGRAM

SCALE: N.T.S.



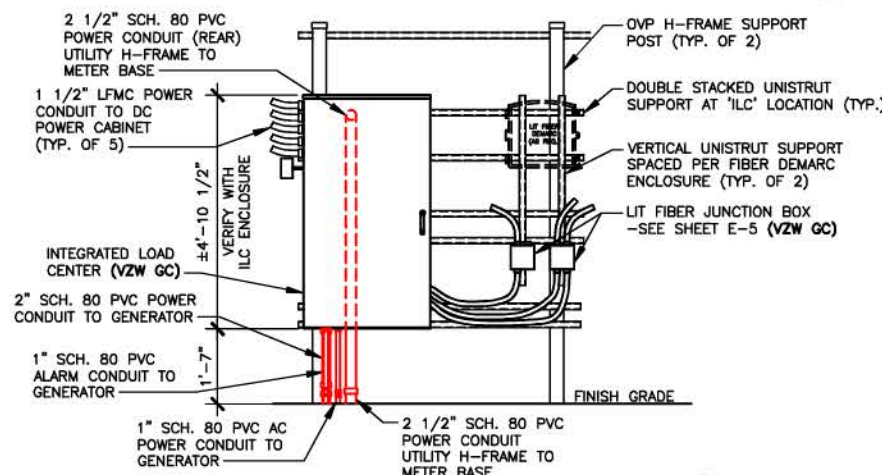
METER BOARD STRUCTURE

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



METER BOARD STRUCTURE-ELECTRIC SIDE

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



VZW ILC MOUNTING DETAIL

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

GENERAL ELECTRICAL NOTES

- UNLESS NOTED AS VERIZON WIRELESS GENERAL CONTRACTOR OR VZW GC, ALL WORK ITEMS ON ELECTRICAL "E" & GROUNDING "G" SHEETS SHALL BE PERFORMED BY THE GENERAL CONTRACTOR'S ELECTRICAL CONTRACTOR. ALL WORK SHOWN AS NEW UNLESS NOTED EXISTING.
- THE GENERAL CONTRACTOR AND VERIZON WIRELESS ELECTRICAL CONTRACTORS SHALL BE LICENSED TO PERFORM WORK IN THE COUNTY OF THIS PROJECT AND SHALL BE RESPONSIBLE FOR OBTAINING AN ELECTRICAL PERMIT FROM THE COUNTY.
- UNDERGROUND CONDUIT SHALL BE SCH. 40 (SCH. 80 UNDER ROADWAY) PVC PLASTIC DUCT WITH ALL BENDS MINIMUM 24" RADIUS 90° SWEEP SCH. 80 UNLESS OTHERWISE NOTED ON DRAWINGS. ELECTRICAL AND FIBER UTILITY LATERAL CONDUITS SHALL BE MINIMUM 36" RADIUS 90° SWEEP SCH. 80. ALL PVC SCH80 PIPING AND FITTINGS SHALL USE BELL END WHERE FEASIBLE.
- ABOVE GRADE RISER CONDUIT SHALL BE RIGID SCH. 80 PVC WITH MATCHING FITTINGS UNLESS NOTED OTHERWISE.
- ALL CONDUITS SHALL BE PLACED WITH 200 LB POLYETHYLENE PULL TAPES. PULL TAPES SHALL BE SECURELY FASTENED AT EACH END OF CONDUIT. (THIS SHALL ALSO APPLY FOR ALL FIBER CONDUITS).
- PRIOR TO TRENCHING AND FOR COORDINATING OF THE FIBER AND ELECTRICAL SERVICES, SEE SHEET C-6 GENERAL NOTE #6 FOR UTILITY CONTACT NAMES & PHONE NUMBERS TO ALSO INCLUDE VERIZON WIRELESS CONSTRUCTION MANAGER.
- ALL WORK SHALL BE IN ACCORDANCE WITH N.F.P.A. AND N.E.C. CODES, NEMA STANDARDS AND ALL LOCAL CODES.
- ALL WIRE SHALL BE COPPER, 600V THHN-2/THWN-2 OR XHHW-2 90°C UNLESS NOTED OTHERWISE.
- ALL ELECTRICAL CONTRACTORS SHALL ABIDE BY ALL GUIDELINES REQUIRED BY TOWER OWNER AND VERIZON WIRELESS, INCLUDING BUT NOT LIMITED TO, a) STAGE CONSTRUCTION AND REPORT WHEN ON AND OFF THE SITE. b) PROVIDE LOG BOOK RECORDS OF PERSONNEL ON TOWER. c) PROVIDE R.F. MONITORING DEVICES TO TOWER PERSONNEL. d) VERIZON WIRELESS TO INSPECT ALL TRENCHING BEFORE BACKFILLING.
- THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL UNDERGROUND CONDUITS SHOWN ON PLANS UNLESS NOTED OTHERWISE. ALL UNDERGROUND CONDUIT SHALL BE STUBBED-UP AND CAPPED AT THE LOCATION INDICATED ON PLANS. VZW CONTRACTOR SHALL COMPLETE ALL CONDUIT TERMINATIONS TO VZW ENCLOSURES SHOWN ON PLANS AND ELECTRICAL PROVIDER DESIGN.
- THE VZW ELECTRICAL CONTRACTOR SHALL VERIFY ELECTRICAL SERVICE REQUIRED - 120/240V, SINGLE PHASE, 200 AMP BEFORE ROUGH IN.
- GENERAL CONTRACTOR AND VZW ELECTRICAL CONTRACTORS SHALL PROVIDE FIRE WATCH DURING ALL WELDING OPERATIONS. TWO (2) HAND HELD 30 LB. FIRE EXTINGUISHERS & ADEQUATE WATER SUPPLY SHALL BE APPROVED BY THE CLIENT AND THE TOWNSHIP WATER AUTHORITY.
- SEAL ALL PENETRATIONS WITH SILICONE SEALANT.
- ELECTRICAL WORK PRESENTS SPECIFIC THREATS TO THE HEALTH AND SAFETY OF WORKERS ON SITE. SPECIFICALLY ELECTROCUTIONS ARE THE FOURTH LEADING CAUSE OF DEATH ON CONSTRUCTION SITES. ALL ELECTRICAL WORKERS SHALL HAVE CURRENT CERTIFICATIONS WHICH SATISFY ALL TRAINING REQUIREMENTS FOR THE ELECTRICAL WORK THEY ARE PERFORMING PER OSHA STANDARDS. ALL ELECTRICAL WORKERS SHALL ADHERE TO ALL SAFETY RULES AND REGULATIONS FOR WORKER AND PUBLIC SAFETY. ALL WORK SHALL BE PERFORMED BY QUALIFIED ELECTRICIANS TRAINED FOR THE TYPE OF WORK AND THE VOLTAGES PRESENT FOR EACH TASK. THE CONTRACTOR SHALL REVIEW ALL LANDOWNER, PRIME CONTRACTOR, CARRIER, OSHA, NFPA 70E, AND LOCAL SAFETY GUIDELINES AND AT ALL TIMES SHALL CONFORM TO THE MOST RESTRICTIVE OF THESE STANDARDS TO ENSURE A SAFE WORKPLACE.
- CONNECT NEUTRAL TERMINAL IN SERVICE DISCONNECTING DEVICE TO GROUNDING ELECTRODE. (2/0 AWG TINNED STRANDED COPPER GROUNDING ELECTRODE CONDUCTOR IN 1" PVC CONDUIT). CONNECT FIRST GROUNDING ELECTRODE TO SECOND GROUNDING ELECTRODE WITH 2/0 AWG TINNED STRANDED COPPER CONDUCTOR EXOTHERMICALLY WELDED TO ELECTRODES.
- VZW E.C. SHALL VERIFY SUFFICIENT CAPACITY EXISTS AT EXISTING METER CENTER. NOTIFY ENGINEER IMMEDIATELY IF SERVICE IS NOT ADEQUATE.
- REFER TO ELECTRICAL SITE PLAN FOR CONDUIT AND WIRE REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT PLACARDS MUST BE ENGRAVED PLASTIC LABELS ONLY, NO P-TOUCH LABELS ARE TO BE USED. PLACARDS SHALL BE 1 1/2" x 5" IN SIZE AND PERMANENTLY AFFIXED TO THE ENCLOSURES EASILY VISIBLE LOCATIONS.
- VERIZON WIRELESS ELECTRICAL PLACARD REQUIREMENTS:
a) AVAILABLE FAULT CURRENT RATING FROM UTILITY PROVIDER WITH DATE.
b) VERIZON WIRELESS SERVICE DISCONNECT AT METER BASE.
c) VERIZON MAIN BREAKER AT INTEGRATED LOAD CENTER "ILC".
d) GENERATOR NEUTRAL CONDUCTOR BONDED TO SERVICE GROUNDING ELECTRODE IN THIS ENCLOSURE AT METER CENTER AND AUTOMATIC TRANSFER SWITCH "ATS" NEUTRAL BAR.
e) VERIZON WIRELESS GENERATOR
f) 'ACCESS PROPERTY OF VERIZON WIRELESS' AT ALL VERIZON WIRELESS FIBER HAND HOLES FASTENED TO INSIDE WALL OF HAND HOLE.
- ALL EQUIPMENT SHALL BE GROUNDED PER LATEST EDITION OF NEC AND AS INDICATED ON GROUNDING PLAN.
- ELECTRICAL EQUIPMENT SHALL BE MIN 3'-0" FROM ANY STRUCTURE AND AS REQUIRED BY LOCAL UTILITY COMPANIES.
- 2 AWG BARE SOLID TINNED COPPER WIRE LEADS FROM NEW H-FRAME STRUCTURE TO BE BONDED TO EXISTING GROUNDING SYSTEM (TYP)
- ALL METALLIC CABINETS & ENCLOSURES MUST BE GROUNDED WITH 2 AWG TO GROUND RING.
- ALL ABOVE GRADE GROUND VZW CONNECTIONS SHALL BE IN 1/2" FLEXIBLE PVC CONDUIT w/ANTI-THEFT COMPOUND. ALL OTHER LEADS SHALL BE IN 1/2" PVC CONDUIT.
- ALL HARDWARE USED MUST BE GALVANIZED OR STAINLESS STEEL, NO ZINC OR OTHER MATERIAL IS TO BE USED.
- VERIZON WIRELESS FURNISH & INSTALL ALL INNER CONNECTING CONDUITS BETWEEN CABINETS AND LAND ALL AC POWER TO VZW EQUIPMENT.
- ALL CONDUIT RUNS SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM THE METERBOARD SO THAT WATER WILL NOT FLOW FROM THE EQUIPMENT. TRENCHES SHALL BE EXCAVATED ALONG STRAIGHT LINES BEFORE CONDUIT ARE INSTALLED SO THE ELEVATION CAN BE ADJUSTED, IF NECESSARY, TO AVOID UNSEEN OBSTACLES.
- 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 STRUCTURAL AND OTHER 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.

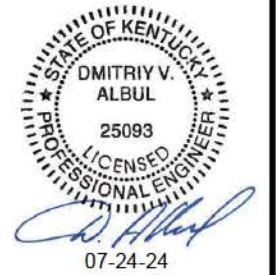


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SUMMER SHADE, KY 42166
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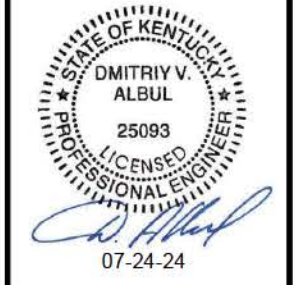
SHEET TITLE:
PANEL SCHEDULE,
ONE LINE DIAGRAM,
ELECTRICAL NOTES
AND DETAILS

SHEET NUMBER:

E-2

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

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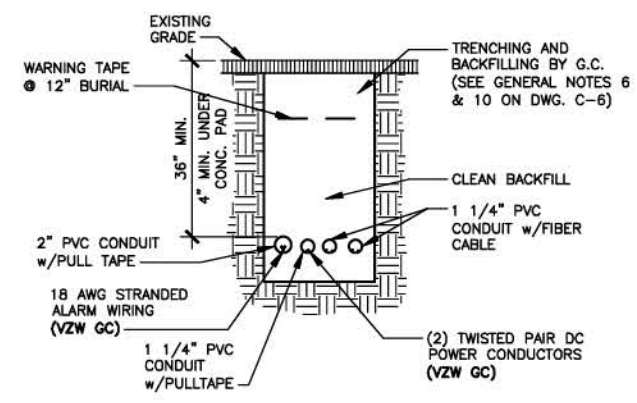
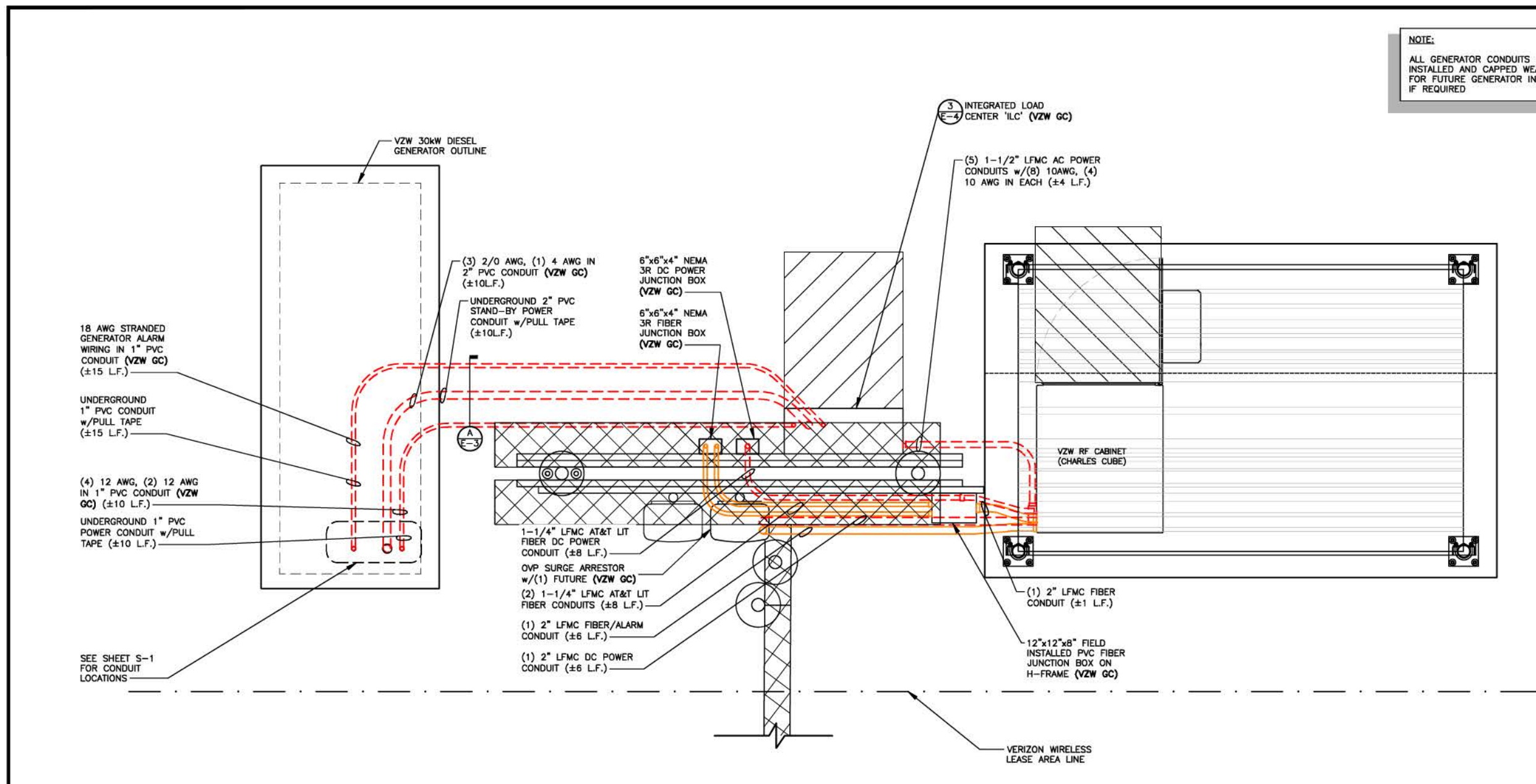
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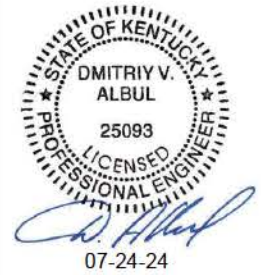
SHEET TITLE:
EQUIPMENT PAD
UTILITY PLAN &
EQUIPMENT PAD
TRENCH SECTIONS

SHEET NUMBER:
E-3
MK PAD & CANOPY REV 3 FINAL 10/16/23



- ELECTRICAL NOTES:**
- EMERGENCY GENERATOR SHALL BE AS MANUFACTURED BY HOFFMAN ENCLOSURE (P/N A865JFGRPWR) OR APPROVED EQUAL
 - GENERATOR EMERGENCY STOP SWITCH SHALL BE OF A SINGLE PUSH BUTTON OPERATING MODE USING A MAINTAINED PUSH/PULL ACTUATOR AS MANUFACTURED BY PILLA ELECTRICAL PRODUCTS (P/N GS120) OR APPROVED EQUAL.
 - CONTACT BLOCKS SHALL BE RATED AT CONTINUOUS CURRENT OF 10A @ 120 VAC
 - PROVIDE 6"-0" MAX. LIQUIDTIGHT FLEXIBLE METAL CONDUIT AT ALL EQUIPMENT AND GENERATOR CONNECTIONS.
 - ALL CONDUIT SHALL BE ROUTED WITHIN 2'-0" OF PERIMETER COMPOUND FENCE WHERE APPLICABLE.
 - CONDUIT TRENCH WIDTH SHALL NOT EXCEED 18" AT ALL ACCESS DRIVE LOCATIONS AND WHEN CROSSING THE COMPOUND GATE OPENING.
 - ALL CONDUIT RACEWAYS BETWEEN CABINETS AND EQUIPMENT ABOVE CONCRETE PAD SHALL BE LFMC WITH DIAMETER AS NOTED ON PLAN WITH WEATHERPROOF FITTINGS.
 - ALL GENERATOR CONDUITS SHALL BE INSTALLED REGARDLESS OF INITIAL GENERATOR INSTALLATION.

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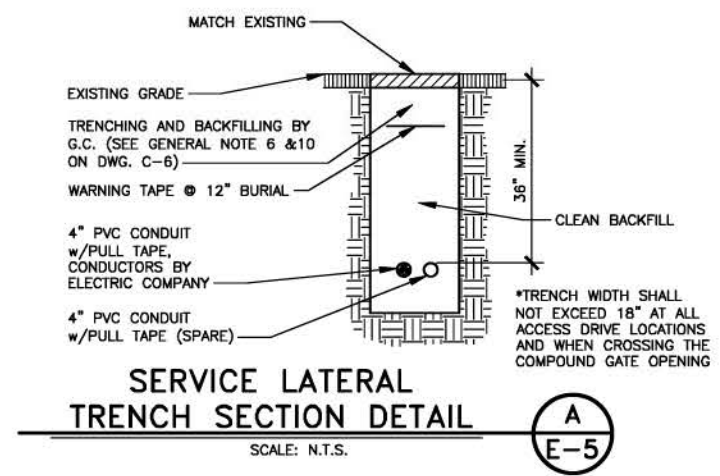
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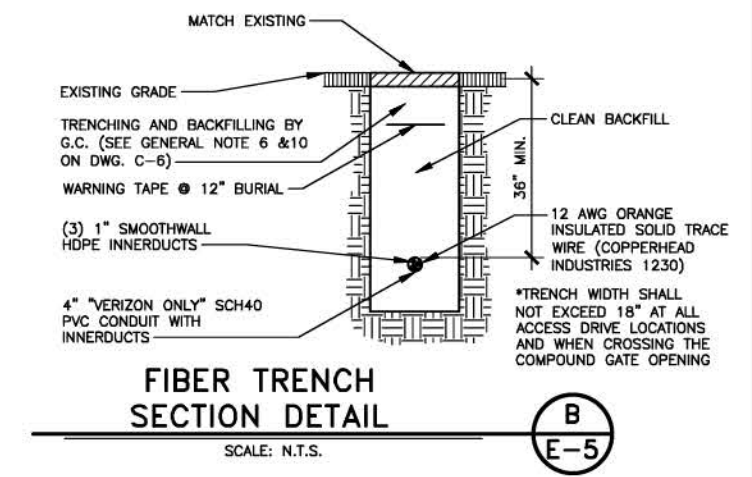
ELECTRICAL DETAILS

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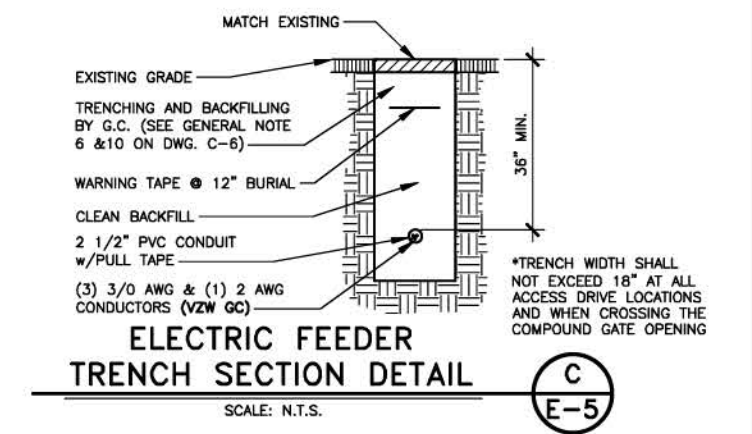
E-5



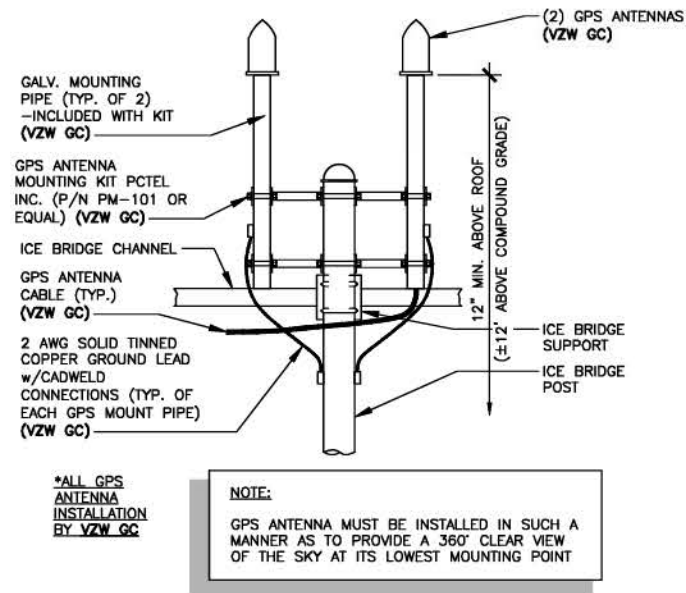
SERVICE LATERAL TRENCH SECTION DETAIL
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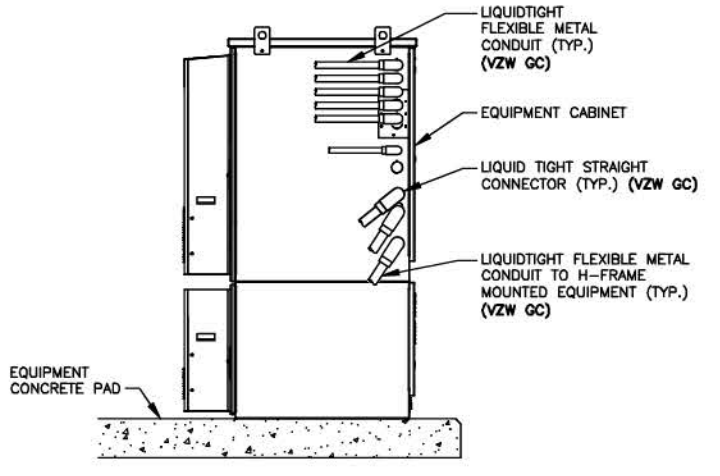
FIBER TRENCH SECTION DETAIL
SCALE: N.T.S.



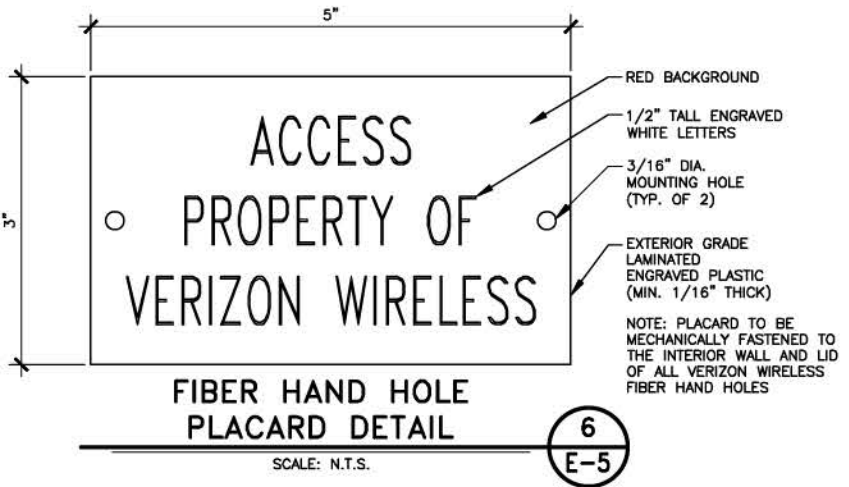
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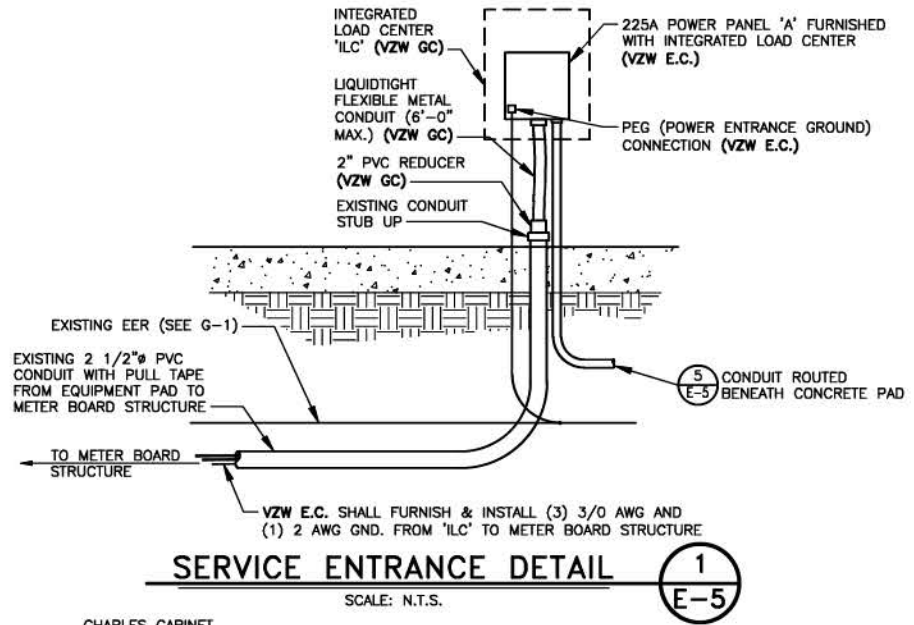
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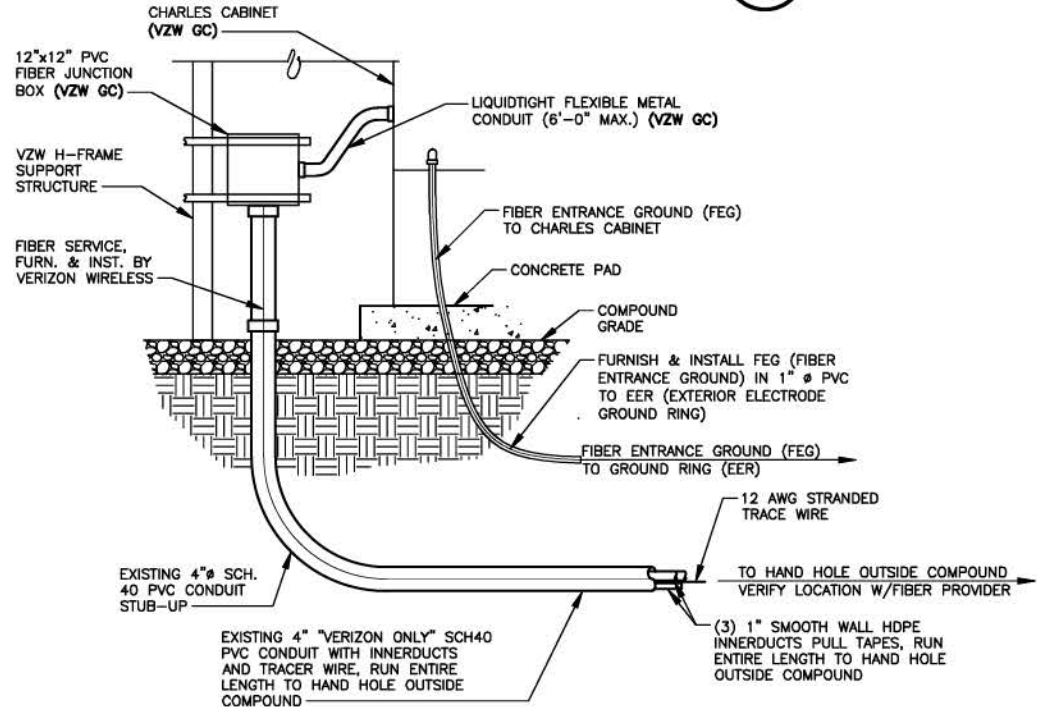
TYP. CABINET CONDUIT ENTRANCE DETAIL
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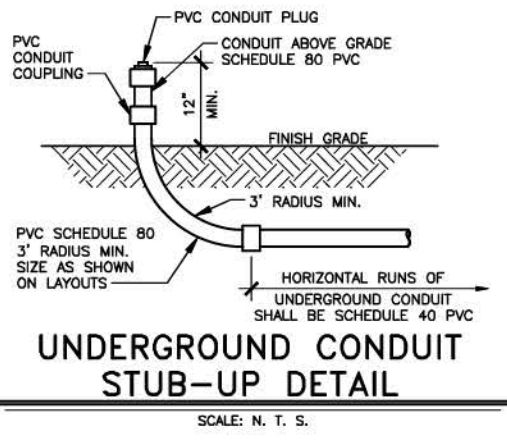
FIBER HAND HOLE PLACARD DETAIL
SCALE: N.T.S.



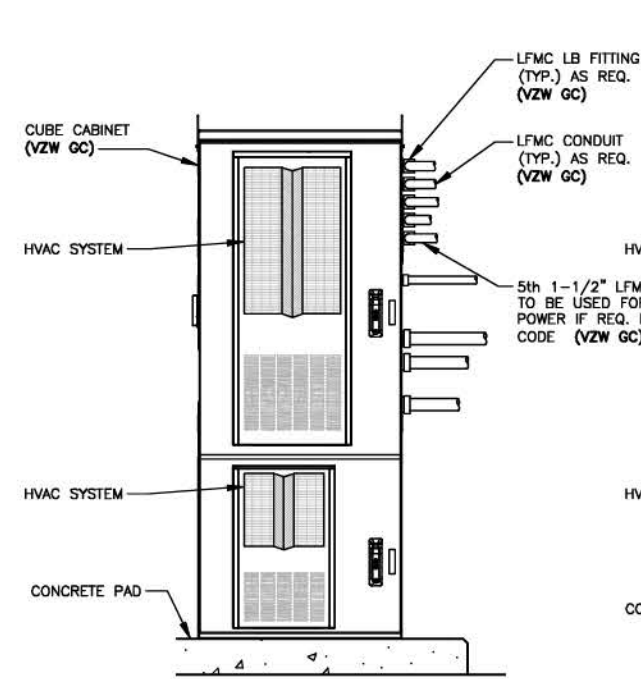
SERVICE ENTRANCE DETAIL
SCALE: N.T.S.



FIBER CONDUIT ENTRANCE DETAIL
SCALE: N.T.S.



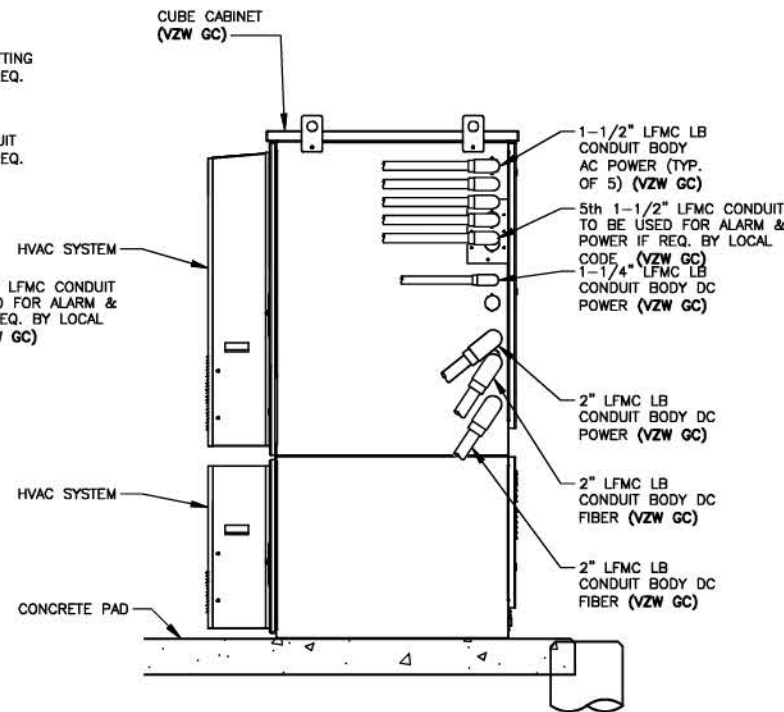
UNDERGROUND CONDUIT STUB-UP DETAIL
SCALE: N. T. S.



RF CABINET
FRONT ELEVATION

SCALE: N.T.S.

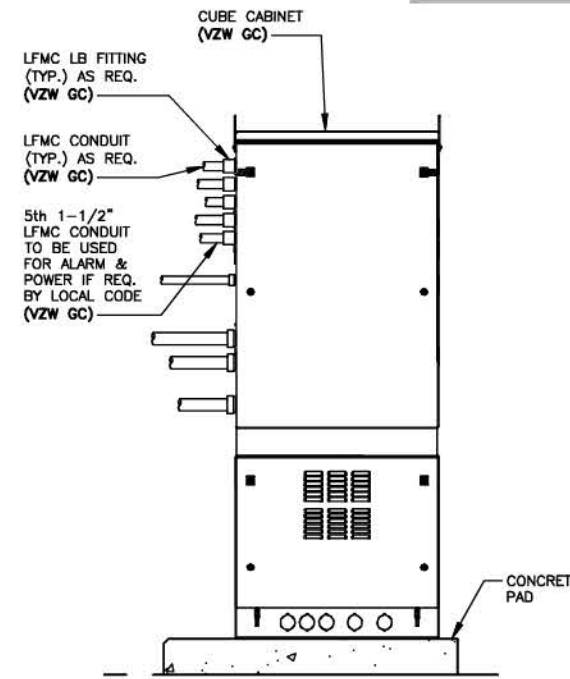
1
E-6



RF CABINET
RIGHT ELEVATION

SCALE: N.T.S.

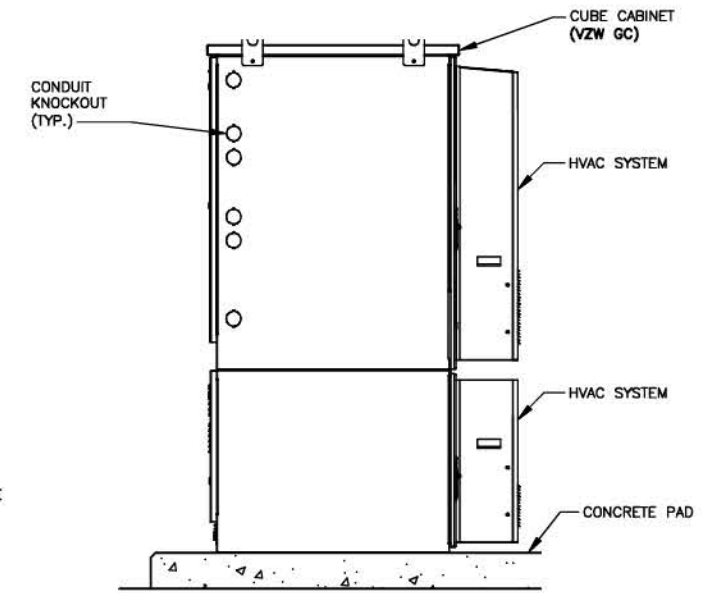
2
E-6



RF CABINET
REAR ELEVATION

SCALE: N.T.S.

3
E-6



RF CABINET
LEFT ELEVATION

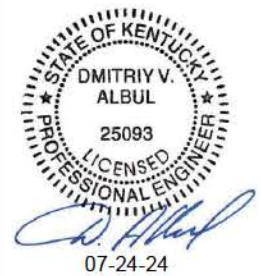
SCALE: N.T.S.

4
E-6

NOTE:
FIBER OPTIC INNERDUCTS SHALL TERMINATE INSIDE CHARLES CABINET ONLY

NOTE:
VERIFY INTERIOR EQUIPMENT LOCATION PRIOR TO JUNCTION BOX FASTENER INSTALLATION. NO SHARP FASTENER EDGES PERMITTED WITHIN CHARLES CABINET

REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
B	03/15/24	REVISED CD
0	03/23/24	PERMITTING CDS
1	06/12/24	ISSUED FOR CONSTRUCTION
2	07/11/24	ISSUED FOR CONSTRUCTION
3	07/23/24	ISSUED FOR CONSTRUCTION



SITE INFORMATION:
CK GLOVER CREEK

486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

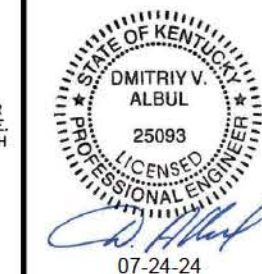
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
EQUIPMENT CABINET
ELEVATIONS

SHEET NUMBER:

E-6

REV.	DATE	DESCRIPTION
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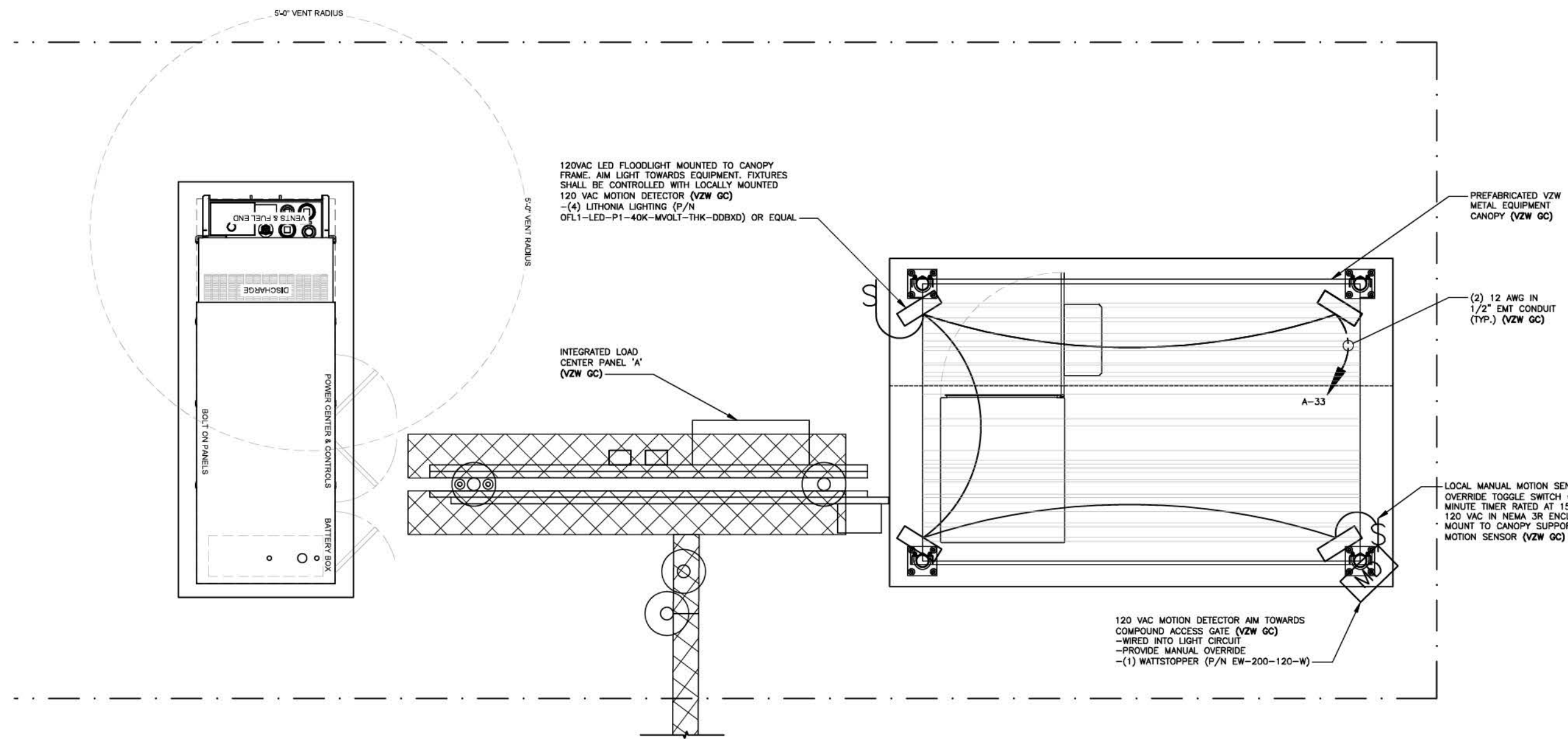
SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

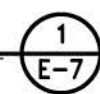
SHEET TITLE:
EQUIPMENT PAD LIGHTING PLAN

SHEET NUMBER:
E-7



EQUIPMENT PAD LIGHTING PLAN

SCALE: N.T.S.

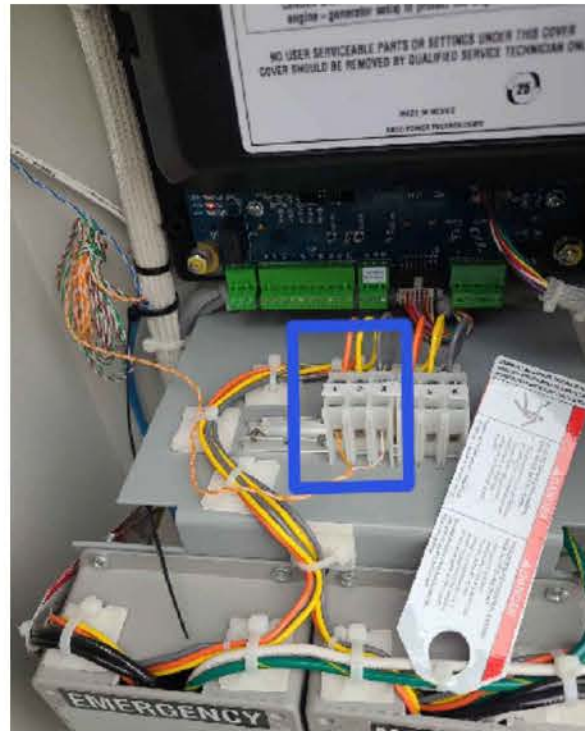


Alarm wiring table							
Alarm block Pos	RMX - 4000 Wiring Install on right side of panel when facing front of panel			Misc Wiring - left side of panel			
	Wire color	Alarm	RMX-4000	Wire Color	Wire Color	Alarm	Conn/Pos
1	White/Orange	Door Intrusion	1-4	White or Blue	Orange	Intrusion Alarm	
2	Orange				White/Orange		
3	White/Green	Commercial Power Failure	1-4	White or Blue	N/A	N/A	
4	Green				N/A		
5	White/Blue	Surge Suppressant Lightning Arrester	1-4	White or Blue	N/A	N/A	
6	Blue				N/A		
7	White/Brown	Rectifier Failure	1-4	White or Blue	Green/White	Rectifier Failure	J4 Pos 8
8	Brown				Red/Green		J4 Pos 18
9	White/Orange	Multiple Rectifier Failure	5-8	Red or Blue	White/Red	Multiple Rectifier Failure	J4 Pos 9
10	Orange				Red/White		J4 Pos 19
11	White/Green	Battery Discharge	5-8	Red or Blue	White	Battery Discharge	J4 Pos 4
12	Green				White/Black		J4 Pos 14
13	White/Blue	Low Voltage	5-8	Red or Blue	Black	Low Voltage	J4 Pos 5
14	Blue				Black/White		J4 Pos 15
15	White/Brown	DC Power Failure	5-8	Red or Blue	Blue/White	Fuse	J4 Pos 6
16	Brown				Red/Black		J4 Pos 20
17	White/Orange	Generator Running	9-12	Black or Blue	N/A	N/A	
18	Orange				N/A		
19	White/Green	Generator Low Fuel	9-12	Black or Blue	N/A	N/A	
20	Green				N/A		
21	White/Blue	Generator Failure	9-12	Black or Blue	N/A	N/A	
22	Blue				N/A		
23	White/Brown	HVAC Failure	9-12	Black or Blue	Black	HVAC Failure	
24	Brown				White/Blue		
25	White/Orange	High Temp	13-16	Yellow or Blue	Green	Overheat Alarm	
26	Orange				White/Green		
27	White/Green	Low Temp	13-16	Yellow or Blue	N/A	N/A	
28	Green				N/A		
29	White/Blue	Tower Light	13-16	Yellow or Blue	N/A	N/A	
30	Blue				N/A		
31	White/Brown	Tower Light Side	13-16	Yellow or Blue	N/A	N/A	
32	Brown				N/A		
33	White/Orange	RRH Upconverter Failure	17-20	Violet or Blue	White/Blue	RRH Upconverter Failure	
34	Orange				Blue		
35	White/Green	RRH Power Failure	17-20	Violet or Blue	N/A	N/A	
36	Green				N/A		
37	White/Blue	RRH High Humidity	17-20	Violet or Blue	N/A	N/A	
38	Blue				N/A		
39	White/Brown	RRH Intrusion	17-20	Violet or Blue	N/A	N/A	
40	Brown				N/A		
41	White/Orange	Smoke Fire	21-24	Blue	N/A	N/A	
42	Orange				N/A		
43	White/Green	Bus Bar Theft	21-24	Blue	N/A	N/A	
44	Green				N/A		
45	White/Blue	N/A	21-24	Blue	N/A	N/A	
46	Blue				N/A		
47	White/Brown	N/A	21-24	Blue	N/A	N/A	
48	Brown				N/A		
49	White/Orange	Microwave Critical	25-28	Orange or Blue	N/A	N/A	
50	Orange				N/A		
51	White/Green	Microwave Major	25-28	Orange or Blue	N/A	N/A	
52	Green				N/A		
53	White/Blue	Dehydrator Alarm	25-28	Orange or Blue	N/A	N/A	
54	Blue				N/A		
55	White/Brown	Fire Suppression Discharge	25-28	Orange or Blue	N/A	N/A	
56	Brown				N/A		
57	White/Orange	Fire Suppression Trouble	29-32	Green or Blue	N/A	N/A	
58	Orange				N/A		
59	White/Green	Secondary HVAC Running	29-32	Green or Blue	N/A	N/A	
60	Green				N/A		
61	White/Blue	Explosive gas	29-32	Green or Blue	N/A	N/A	
62	Blue				N/A		
63	White/Brown	High Humidity	29-32	Green or Blue	N/A	N/A	
64	Brown				N/A		
65-84	N/A	N/A	N/A	N/A	N/A	N/A	

ALARM WIRING TABLE

SCALE: N.T.S.

1
E-8



INTEGRATED LOAD CENTER "SURGE" DETAIL

SCALE: N.T.S.

2
E-8



INTEGRATED LOAD CENTER "COMMERCIAL POWER" DETAIL

SCALE: N.T.S.

3
E-8

CONTRACTOR SHALL COIL ALARMING CONDUCTORS AND PLACE ADJACENT TO ANNUNCIATOR PANEL

CONTRACTOR SHALL INDIVIDUALLY LABEL ALL ALARMING CONDUCTORS COORDINATED TO APPROPRIATE CONTACT POSITION



GENERATOR ANNUNCIATOR PANEL

GENERATOR ALARM PANEL DETAIL

SCALE: N.T.S.

4
E-8

REV.	DATE	DESCRIPTION
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METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
ALARMING TABLE,
DIAGRAMS AND DETAILS
(REFERENCE ONLY)

SHEET NUMBER:

E-8

Scope and test fibers.
Install fibers

Label each end of fibers per label template. Labels should be the same on each end of fiber. Labels should be installed 3-4 inches from end of fiber.

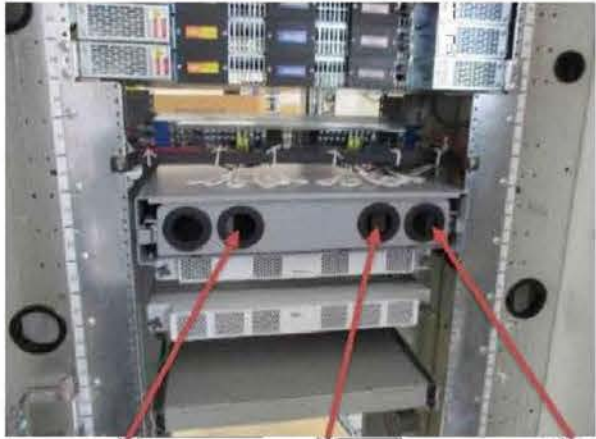
Route fibers out the backside of fiber tray. Separate fibers into Alpha, Beta, and Gamma. Route fibers out of fiber tray as shown.

Route fibers **UNDER** the 6630/6648 Shelf #1 to front side of the cabinet

Note: Only install/label Module #4 if fibers are provided.

Note: Only install Aqua fibers if instructed by a supervisor. Otherwise ship loose

Label Template					
Updated template					
4449 ALPHA	4449 BETA	4449 GAMMA	8843 ALPHA	8843 BETA	8843 GAMMA
6449 ALPHA LINK 1	6449 ALPHA LINK 2	6449 BETA LINK 1	6449 BETA LINK 2	6449 GAMMA LINK 1	6449 GAMMA LINK 2
4408 ALPHA	4408 BETA	4408 GAMMA			



Gamma fibers Beta fibers Alpha fibers

Aqua Fibers if installed- label each end the same
Fiber 1
Fiber 2
Fiber 3

FIBER ROUTING DETAIL 1
E-9

SCALE: N.T.S.

Alarm wiring for Cabinet

Remove old alarm block and install new panel DRP47225W




Route wiring from RMX4000 to alarm panel. Wiring will be various colors or all blue as shown

If connector is connected to old alarm block, remove connector and wire to alarm panel

Note: See wiring table on next page

Place alarm block label template on door

Jumper Office Alarm cable wires. Connector J4 position 16 (Blue/Red) and position 10 (Black/red)

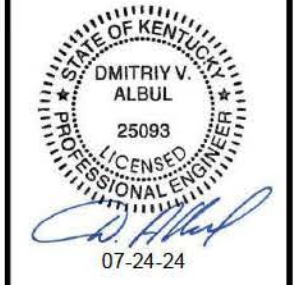




prov
visu

ALARM WIRING CONNECTIONS 2
E-9

SCALE: N.T.S.

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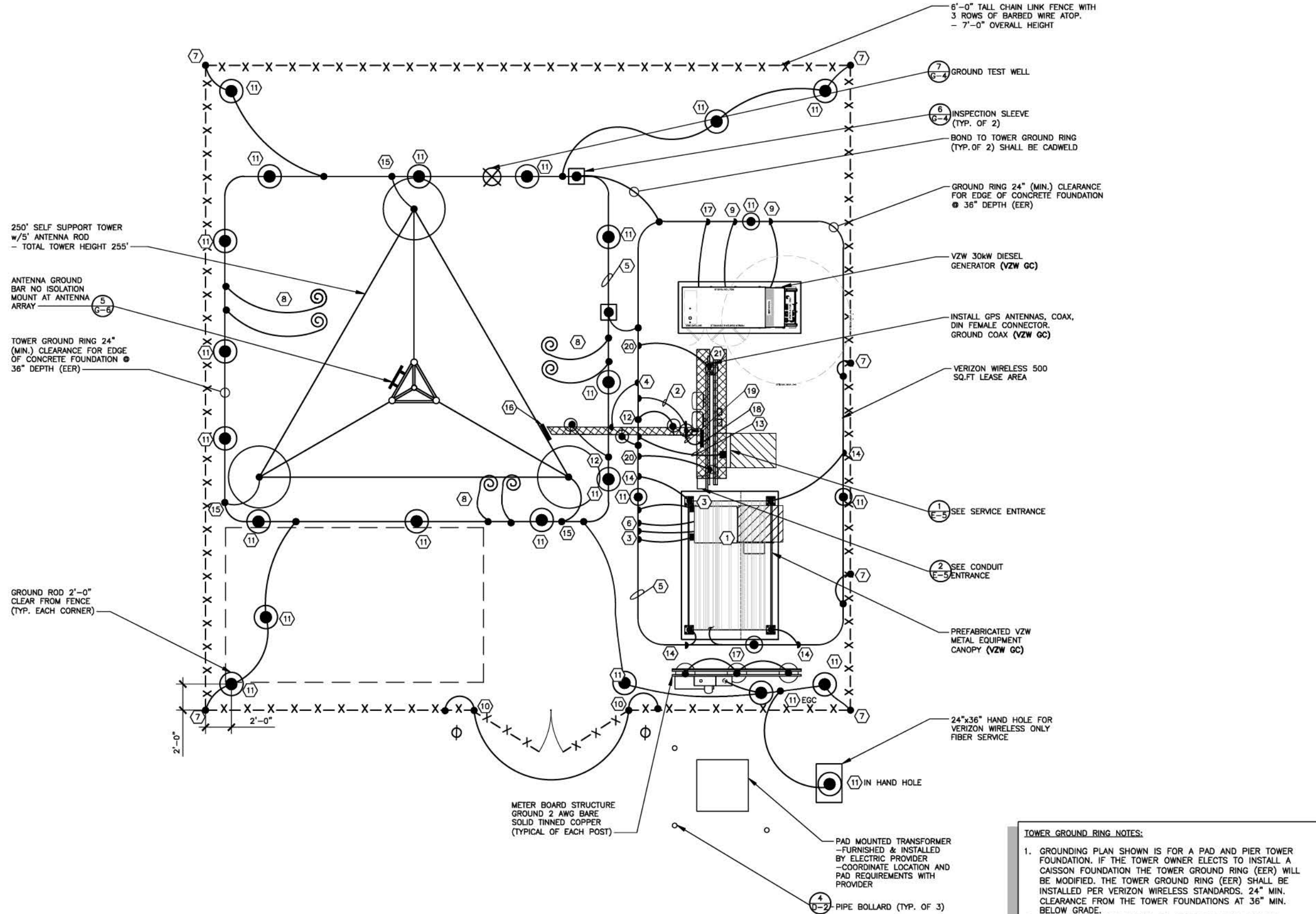
PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
ALARM AND FIBER CABLE ROUTING (REFERENCE ONLY)

SHEET NUMBER:
E-9

MK PAD & CANOPY REV 3 FINAL 10/16/23



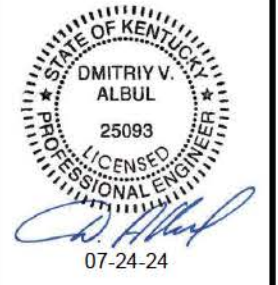
- NOTES:
1. ALL ABOVE GRADE GROUND LEADS TO BE INSTALLED IN 1/2" NON-CONDUCTIVE FLEXIBLE PVC CONDUIT WITH ANTI-THEFT COMPOUND.
 2. COORDINATE ICE BRIDGE POST GROUND LEAD INSTALLATION WITH ICE BRIDGE POST LOCATIONS ON SHEET S-1.
 3. SEE SHEET G-2 FOR GROUNDING KEYED NOTES.

GROUNDING SITE PLAN
SCALE: N.T.S.



- TOWER GROUND RING NOTES:**
1. GROUNDING PLAN SHOWN IS FOR A PAD AND PIER TOWER FOUNDATION. IF THE TOWER OWNER ELECTS TO INSTALL A CAISSON FOUNDATION THE TOWER GROUND RING (EER) WILL BE MODIFIED. THE TOWER GROUND RING (EER) SHALL BE INSTALLED PER VERIZON WIRELESS STANDARDS, 24" MIN. CLEARANCE FROM THE TOWER FOUNDATIONS AT 36" MIN. BELOW GRADE.
 2. ALL GROUND RODS SHALL BE INSTALLED PER VERIZON WIRELESS STANDARDS.
 3. ALL GROUND LEADS DEPICTED ON THIS PLAN SHALL BE MODIFIED TO CONNECT TO THE MODIFIED TOWER GROUND RING (EER) LOCATION.

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SITE NAME:
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PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
GROUNDING SITE PLAN

SHEET NUMBER:
G-1
MK PAD & CANOPY REV 3 FINAL 10/16/23

TOWER OWNER GROUNDING KEYED NOTES

- 1 BBG: FURN. & INST. 1 - 2/0 AWG INSULATED STRANDED COPPER GND. WIRE FOR BATTERY BAY GROUND (BBG) TO (EER). COIL UP 6' ABOVE GRADE. CONNECTION TO (EER) SHALL BE CADWELD.
- 2 CEPSPG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR CEPSPG POST TO (EER). CONNECTION (EER) SHALL BE CADWELD.
- 3 CG: FURN. & INST. 2 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR CABINET GROUND (CG) TO (EER). COIL UP 6' ABOVE GRADE. CONNECTION (EER) SHALL BE CADWELD.
- 4 CSG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND WIRE FOR ICE BRIDGE CHANNEL TO (EER). CONNECTION (EER) SHALL BE CADWELD.
- 5 EER: FURN. & INST. 2 AWG BARE SOLID TINNED COPPER BURIED EXTERIOR ELECTRODE GROUND RING (EER) AROUND RADIO EQUIPMENT PAD AND TOWER BURIED AT 36" OR 6" BELOW FROST LINE (WHICHEVER IS GREATER). MAINTAIN 24" FROM EQUIPMENT PAD AND TOWER FOUNDATIONS MINIMUM.
- 6 FEG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR FIBER ENTRANCE GROUND (FEG) TO (TGE). COIL UP 10' ABOVE GRADE. CONNECTION TO (EER) SHALL BE CADWELD.
- 7 FG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND WIRE FROM NEW FENCING TO GROUND RING (EER). CONNECTION TO FENCING SHALL BE AT THE BASE OF FENCE POST USING CADWELD AND WEAVE GND. WIRE THRU FABRIC AND ATTACH TO TOP RAIL WITH CADWELD. CONNECTION TO (EER) SHALL BE CADWELD.
- 8 FTWGL: FURN. & INST. FUTURE TOWER WAVEGUIDE GROUND BAR LEADS. CONTRACTOR SHALL COIL UP TEN (10') OF 2 AWG SOLID TINNED COPPER GROUND (TYP.)
- 9 GEG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR THE GENERATOR ENCLOSURE TO (EER). COIL UP 6' ABOVE GRADE. CONNECTION (EER) SHALL BE CADWELD. *GENERATOR SERVICE GROUND WHERE REQUIRED BY JURISDICTION HAVING AUTHORITY
- 10 GG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND WIRE AT EACH GATE POST AND PROVIDE GROUND WIRE TO BONDING JUMPER FROM GATE POST TO FENCE POST.
- 11 GRE: FURN. & INST. GROUND RODS TO 36" BELOW FINISH GRADE (OR 6" BELOW FROST LINE, WHICHEVER IS GREATER) AT A MINIMUM SPACING OF 10'-0" AT RADIO EQUIPMENT PAD, TOWER AND SITE EXTERIOR GROUND SYSTEM. CONNECTION TO (EER) SHALL BE CADWELD. REFER TO DETAIL 5 ON SHEET G-4.
- 12 IBSG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FROM ICE BRIDGE SUPPORT POST TO (EER). CONNECTION (EER) SHALL BE CADWELD. SEE SHEET S-1 FOR ICE BRIDGE POST LOCATIONS.
- 13 PEG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR THE 'ILC' GROUND BAR TO (EER). COIL UP 6' ABOVE GRADE. CONNECTION (EER) SHALL BE CADWELD.
- 14 PCSPG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR EACH PAD CANOPY SUPPORT BASE TO (EER). COIL UP 6' ABOVE GRADE. CONNECTION TO (EER) SHALL BE CADWELD.
- 15 TBG: FURN. & INST. 1- 2 AWG BARE SOLID TINNED COPPER GND. WIRE FROM TOWER LEG BASE PLATE TO (EER). CONNECTION TO TOWER LEG BASE PLATE SHALL BE CADWELD OR MECHANICAL TO LEG AND (EER) SHALL BE CADWELD.
- 16 TWG: BY VZW E.C.
- 17 UG: FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE (UFER GROUND) FOR PAD FOUNDATION REINFORCEMENT STEEL CONNECTION TO (EER) SHALL BE CADWELD. PROVIDE HEAT SHRINK TUBING OR ELECTRICAL TAPE PROTECTION FOR CONDUCTOR AT TRANSITION BETWEEN CONCRETE AND SOIL.
- 18 OGA: BY VZW E.C.
- 19 OGL: BY VZW E.C.
- 20 OHG: FURN. & INST. 2 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR THE 'OVP' H-FRAME TO (EER). (TYP. OF 2 POSTS). CONNECTION (EER) SHALL BE CADWELD.
- 21 GPSG: BY VZW E.C.

TOWER OWNER GROUNDING NOTES

1. ALL UNDERGROUND CONNECTIONS ON THE LIGHTNING PROTECTION SYSTEM SHALL BE EXOTHERMIC WELDED USING THE CADWELD PROCESS. THE TOWER OWNER E.C. SHALL FURN. & INST. ALL THESE CONNECTIONS, INCLUDING WELD METALS, MOLDS AND TOOLS. THE TOWER OWNER E.C. SHALL FURN. & INST. 5/8" x 10' COPPER CLAD STEEL (COPPER JACKET 0.0012" MIN.) GROUND RODS, DRIVEN VERTICAL TO 36" BELOW FIN. GRADE (OR 6" BELOW FROSTLINE, WHICHEVER IS GREATER) @ 10'-0" O.C. MINIMUM.
2. THE TOWER OWNER E.C. SHALL FURN. & INST. 2 AWG BARE SOLID TINNED COPPER GND. WIRE AT A DEPTH OF 36" BELOW FIN. GRADE FOR THE EQUIPMENT PAD (EER) AND ICE BRIDGE (CSG).
3. ALL EXTERIOR GND. CONNECTIONS SHALL BE EXOTHERMIC CADWELD (U.N.O).
4. UPON COMPLETION OF THE EQUIPMENT PAD GROUNDING RING AND BEFORE BONDING TO THE TOWER GROUND RING, THE TOWER OWNER E.C. SHALL MEGGER TEST THIS GROUNDING FIELD. THE REQUIRED RESISTANCE LEVEL IS 5 OHMS OR LESS. THE TOWER OWNER E.C. SHALL NOTIFY THE ENGINEER IF THESE REQUIREMENTS ARE NOT ACHIEVED. THE TOWER OWNER E.C. SHALL SUBMIT PRICING TO TOWER OWNER FOR THE INSTALLATION OF ADDITIONAL GROUND RODS REQUIRED FOR PROPER RESISTANCE. UPON APPROVAL FROM TOWER OWNER, THE TOWER OWNER E.C. SHALL INSTALL ADDITIONAL GROUND RODS AS REQUIRED. AFTER PASSING TEST, THE TOWER OWNER E.C. SHALL BOND THE EQUIPMENT PAD RING TO THE TOWER RING. THE TOWER OWNER E.C. SHALL NOTIFY VERIZON WIRELESS CONSTRUCTION MANAGER AND TOWER OWNER CONSTRUCTION MANAGER 48 HOURS PRIOR TO BACKFILLING TRENCHES, POURING CONCRETE FOR FOUNDATIONS, TO INSPECT BONDS AND INSPECT ANY/ALL BREAKS AND REPAIRS TO THE GROUND RING.
5. GROUND SYSTEM SHALL BE VISUALLY INSPECTED BY A TOWER OWNER AND VERIZON WIRELESS CONSTRUCTION ENGINEER BEFORE BACKFILLING IF REQUESTED.
6. NO SHARP 90° BENDS SHALL BE USED. A LONG SWINGING RADIUS BEND REQUIRED.
7. ALL EQUIPMENT PAD AND EQUIPMENT GROUNDING SHALL BE IN ACCORDANCE WITH VERIZON WIRELESS SPECIFICATIONS.
8. ALL ABOVE GROUND BARE COPPER CONDUCTORS BELOW 10' ABOVE GRADE SHALL BE INSTALLED IN FLEXIBLE PVC CONDUIT. CONDUIT SHALL BE FILLED WITH THEFT DETERRENT COMPOUND (ELECTRIC MOTION COMPANY ANTI-THEFT COMPOUND EM-5101).
9. CONNECTION OF COPPER CONDUCTORS TO GALVANIZED METAL OR ALUMINUM SHALL BE AVOIDED. BRASS OR STAINLESS STEEL LUGS OR BARS SHALL BE USED FOR THESE CONNECTIONS.
10. BARE COPPER CONDUCTORS SHALL NOT BE INSTALLED WHERE THEY MAY BE IN CONTACT WITH GALVANIZED METALS. THE CONDUCTORS SHALL BE INSULATED OR ENCLOSED IN PVC CONDUIT, PLASTIC SEALTIGHT OR INSTALLED WITH STANDOFF SUCH THAT NO CONTACT BETWEEN DISSIMILAR METALS MAY TAKE PLACE.

LEGEND	
BBG	BATTERY BAY GROUND
CEPSPG	COAX ENTRY PROTECTION SYSTEM GROUND
CG	CABINET GROUND
CSG	CABLE SUPPORT GROUND
EER	BURIED EXTERIOR ELECTRODE GROUND RING
EGC	EQUIPMENT GROUNDING CONDUCTOR (NEC DESIGNATION)
FEG	FIBER ENTRANCE GROUND
FG	FENCE GROUND
FTWGL	FUTURE TOWER WAVEGUIDE GROUND LEAD
GEC	GROUNDING ELECTRODE CONDUCTOR (NEC DESIGNATION)
GEG	GENERATOR ENCLOSURE GROUND
GES	GROUNDING ELECTRODE SYSTEM (NEC DESIGNATION)
GG	GATE GROUND
GPSG	GPS ANTENNA MOUNT GROUND
GRE	GROUND ROD ELECTRODE
IBSG	ICE BRIDGE SUPPORT GROUND
OGA	OVP GROUND ASSEMBLY
OGL	OVP GROUND LEAD
OHG	OVP H-FRAME SUPPORT GROUND
PEG	POWER ENTRANCE GROUND
PCSPG	PAD CANOPY SUPPORT GROUND DOWN LEAD
TBG	TOWER BASE GROUND
TWG	TOWER WAVEGUIDE GROUND ASSEMBLY
UG	UFER GROUND (PIER FOUNDATION)
○	CABLE TO CABLE CADWELD CONNECTION
⊗	CABLE TO GND. ROD CADWELD CONNECTION
⊙	TEST WELL
⊠	INSPECTION PORT CABLE TO CABLE CADWELD CONNECTION

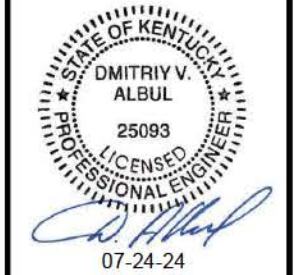


11101 ANDERSON DR
SUITE 200
LITTLE ROCK, AR 72212



49030 Pontiac Trail, Suite 100
Wixom, Michigan 48393
PHONE: (248) 705-9212

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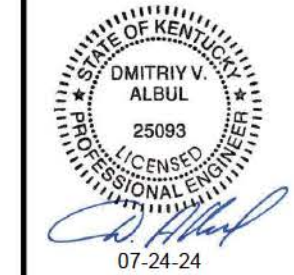
PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
GROUNDING NOTES

SHEET NUMBER:
G-2
MK PAD & CANOPY REV 3 FINAL 10/16/23

REV.	DATE	DESCRIPTION
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0	03/23/24	PERMITTING CDS
1	06/12/24	ISSUED FOR CONSTRUCTION
2	07/11/24	ISSUED FOR CONSTRUCTION
3	07/23/24	ISSUED FOR CONSTRUCTION



SITE INFORMATION:
CK GLOVER CREEK
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

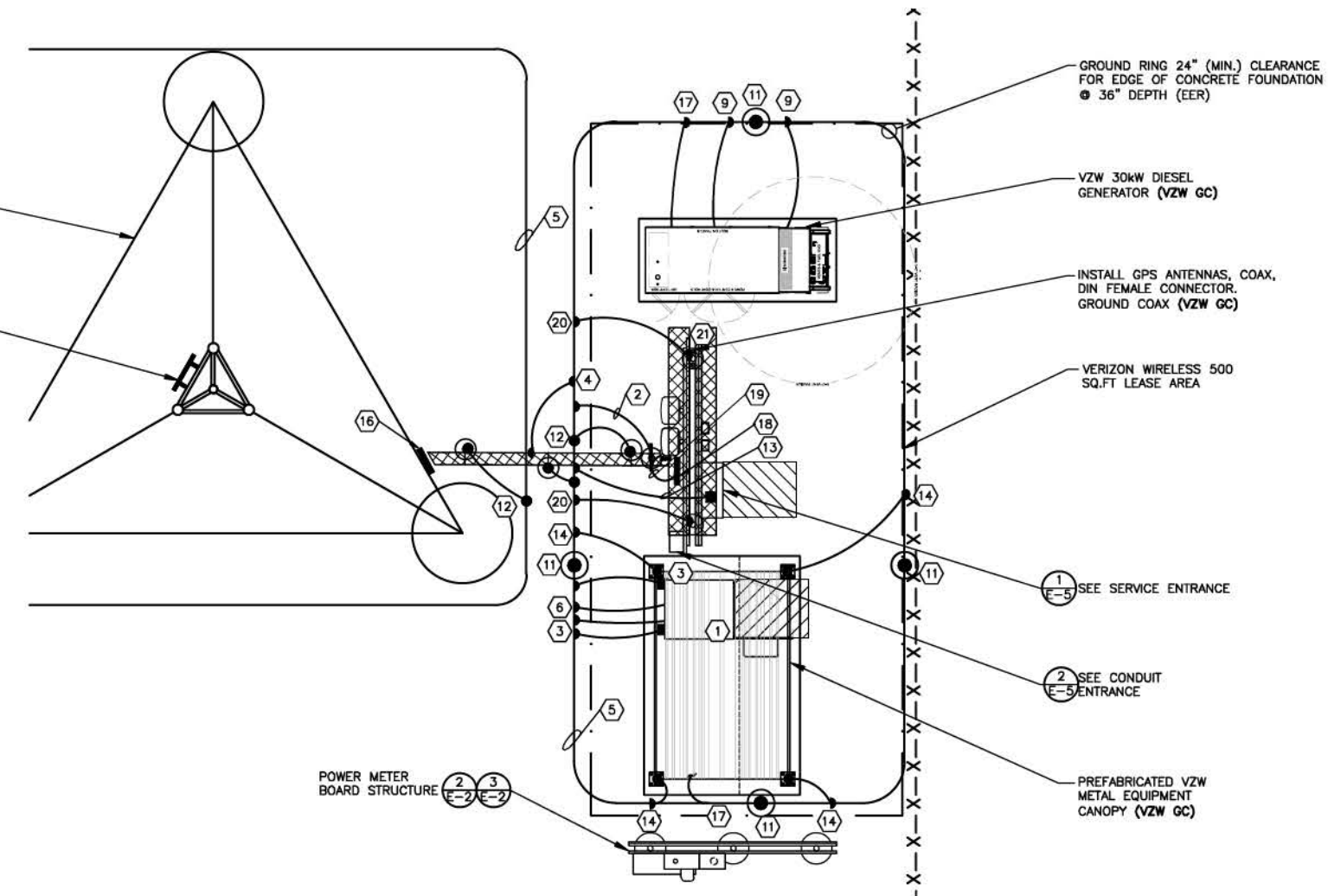
DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:
**VERIZON WIRELESS
GROUNDING PLAN &
NOTES**

SHEET NUMBER:
G-3
MK PAD & CANOPY REV 3 FINAL 10/16/23

250' SELF SUPPORT TOWER
w/5' ANTENNA ROD
- TOTAL TOWER HEIGHT 255'

ANTENNA GROUND
BAR NO ISOLATION
MOUNT AT ANTENNA
ARRAY



LEGEND	
BBG	BATTERY BAY GROUND
CEPSG	COAX ENTRY PROTECTION SYSTEM GROUND
CG	CABINET GROUND
CSG	CABLE SUPPORT GROUND
EER	BURIED EXTERIOR ELECTRODE GROUND RING
EGC	EQUIPMENT GROUNDING CONDUCTOR (NEC DESIGNATION)
FEG	FIBER ENTRANCE GROUND
FG	FENCE GROUND
FTWGL	FUTURE TOWER WAVEGUIDE GROUND LEAD
GEC	GROUNDING ELECTRODE CONDUCTOR (NEC DESIGNATION)
GEG	GENERATOR ENCLOSURE GROUND
GES	GROUNDING ELECTRODE SYSTEM (NEC DESIGNATION)
GG	GATE GROUND
GPSG	GPS ANTENNA MOUNT GROUND
GRE	GROUND ROD ELECTRODE
IBSG	ICE BRIDGE SUPPORT GROUND
OGA	OVP GROUND ASSEMBLY
OGL	OVP GROUND LEAD
OHG	OVP H-FRAME SUPPORT GROUND
PEG	POWER ENTRANCE GROUND
PCSG	PAD CANOPY SUPPORT GROUND DOWN LEAD
TBG	TOWER BASE GROUND
TWG	TOWER WAVEGUIDE GROUND ASSEMBLY
UG	UNDER GROUND (PIER FOUNDATION)
UG	CABLE TO CABLE CADWELD CONNECTION
UG	CABLE TO GND. ROD CADWELD CONNECTION
UG	TEST WELL
UG	INSPECTION PORT CABLE TO CABLE CADWELD CONNECTION

VERIZON WIRELESS GROUNDING PLAN

SCALE: N.T.S.



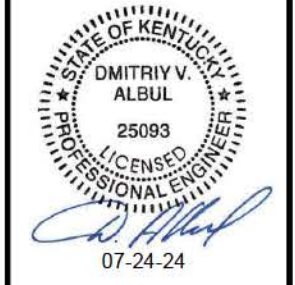
VERIZON WIRELESS GROUNDING KEYED NOTES

- | | |
|---|---|
| 1 BBG: VZW E.C. SHALL CONNECT THE 1 - 2/0 AWG INSULATED STRANDED COPPER GND. WIRE COILED UP BY THE TOWER OWNER E.C. FOR THE BATTERY BAY GROUND (BBG). CONNECTION TO THE GROUND BAR IN THE BATTERY BAY SHALL BE MECHANICAL. ROUTE LEAD IN LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT w/ANTI-THEFT COMPOUND. | 10 GG: BY TOWER OWNER E.C. |
| 2 CEPSG: VZW E.C. SHALL FURNISH & INSTALL THE THEFT DETERRENT GROUND POST ASSEMBLY PART #TDSGAPC14 FOR THE COAX ENTRY PROTECTION SYSTEM (AS MFG'D. BY ERICO GROUNDING AND SUPPLIED BY VZW E.C.) TO THE POST. CONNECT THE 2 AWG BARE SOLID TINNED COPPER COILED UP BY TOWER OWNER E.C. TO THE POST. THE CONNECTION TO POST SHALL BE CADWELDED. REFER TO THE GENERAL INSTALLATION GUIDE AS SUPPLIED WITH THEFT DETERRENT POST MOUNT GROUND ASSEMBLY. SEE DETAIL 1 ON SHEET G-5 FOR DETAILS. | 11 GRE: BY TOWER OWNER E.C. |
| 3 CG: VZW E.C. SHALL FURNISH & INSTALL TWO HOLE LONG BARREL LUGS ON EXISTING 2 AWG BARE TINNED COPPER LEADS. VZW E.C. SHALL FURNISH & INSTALL DRAGON TOOTH WASHERS AND #8 STAINLESS STEEL FASTENERS ON ALL EQUIPMENT CABINET EXTERIOR GROUND LOCATIONS (TYP. 2 PER CABINET). REMOVE ALL SURFACE PAINT AND USE ANTIOXIDANT COMPOUND BETWEEN METAL AND WASHER. ALL LEADS SHALL BE DRESSED TO REDUCE TRIP HAZARDS. DETAIL 3 ON SHEET G-5 FOR DETAILS. | 12 IBSG: BY TOWER OWNER E.C. |
| 4 CSG: BY TOWER OWNER E.C. | 13 PEG: VZW E.C. SHALL CONNECT 1 - 2 AWG BARE SOLID TINNED COPPER GND WIRE FOR THE POWER ENTRANCE GROUND (PEG) COILED UP BY TOWER OWNER E.C. CONNECTION OF THE COILED WIRE TO THE INTEGRATED LOAD CENTER GROUND BAR SHALL BE MECHANICAL. ROUTE LEAD IN FLEXIBLE NONMETALLIC CONDUIT w/ANTI-THEFT COMPOUND. |
| 5 EER: BY TOWER OWNER E.C. | 14 PCSG: VZW E.C. SHALL CONNECT SOLID TINNED COPPER ONE HOLE GROUND TAB TO COILED UP GROUND WIRE BY TOWER OWNER E.C. WITH AN EXOTHERMIC CONNECTION. THE CONNECTION OF THE COILED GROUND WIRE AND LUG TO THE CANOPY SUPPORT BASE SHALL BE MECHANICAL. SEE DETAIL 3 ON SHEET G-5. ROUTE LEAD IN FLEXIBLE NONMETALLIC CONDUIT w/ANTI-THEFT COMPOUND. |
| 6 FEG: VZW E.C. SHALL BRING THE 2 AWG BARE SOLID TINNED COPPER GND. WIRE COILED UP BY TOWER OWNER E.C. FOR (FIBER ENTRANCE GROUND) INTO THE POWER PLANT CABINET AND MAKE A MECHANICAL CONNECTION TO THE FIBER SERVICE GROUND POINT. ROUTE LEAD IN FLEXIBLE NONMETALLIC CONDUIT w/ANTI-THEFT COMPOUND. | 15 TBG: BY TOWER OWNER E.C. |
| 7 FG: BY TOWER OWNER E.C. | 16 TWG: VZW E.C. SHALL FURN. & INST. THEFT DETERRENT GROUND ASSEMBLY KIT PART #TDSGAPC14 FOR THE TOWER WAVEGUIDE GROUND (TWG) DIRECTLY TO THE TOWER (SEE SITE SPECIFIC GROUNDING PLAN OF DESIGN DRAWINGS). |
| 8 FTWGL: BY TOWER OWNER E.C. | 17 UG: BY TOWER OWNER E.C. |
| 9 GEG: VZW E.C. SHALL CONNECT THE 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE COILED UP BY TOWER OWNER E.C. FOR THE GENERATOR ENCLOSURE. CONNECTION TO GENERATOR ENCLOSURE SHALL BE MECHANICAL. ROUTE LEAD IN FLEXIBLE NONMETALLIC CONDUIT w/ANTI-THEFT COMPOUND. *GENERATOR SERVICE GROUND WHERE REQUIRED BY JURISDICTION HAVING AUTHORITY | 18 OGA: VZW E.C. SHALL FURN. & INST. THE THEFT DETERRENT GROUND ASSEMBLY KIT PART #TDSGAPC14 FOR THE OVP GROUND (OGL) DIRECTLY TO THE OVP H-FRAME POST. SEE DETAIL 4 ON SHEET G-5. |
| | 19 OGL: VZW E.C. SHALL FURN. & INST. 1 - 6 AWG GREEN INSULATED STRANDED COPPER GND. WIRE FROM OVP GROUND POINT TO OVP GROUND ASSEMBLY (OGA). CONNECTION TO GROUND BAR SHALL BE MECHANICAL. |
| | 20 OHG: BY TOWER OWNER E.C. |
| | 21 GPSG: VZW E.C. SHALL FURN. & INST. 1 - 2 AWG BARE SOLID TINNED COPPER GND. WIRE FOR GPS ANTENNA MOUNT PIPE TO H-FRAME SUPPORT POST (TYP. OF 2). CONNECTION TO PIPE AND POST SHALL BE CADWELDED. |

VERIZON WIRELESS GROUNDING NOTES

- ALL UNDERGROUND CONNECTIONS ON THE LIGHTNING PROTECTION SYSTEM SHALL BE EXOTHERMIC WELDED USING THE CADWELD PROCESS. THE VZW E.C. AND GENERAL CONTRACTOR E.C. SHALL FURN. & INST. ALL THESE CONNECTIONS, INCLUDING WELD METALS, MOLDS AND TOOLS. THE E.C. SHALL FURN. & INST. 5/8" x 10" COPPER CLAD STEEL (COPPER JACKET 0.0012" MIN.) GROUND RODS, DRIVEN VERTICAL TO 36" BELOW FIN. GRADE (OR 6" BELOW FROSTLINE, WHICHEVER IS GREATER) @ 10'-0" O.C. MINIMUM.
- THE VZW E.C. SHALL FURN. & INST. 2 AWG BARE SOLID TINNED COPPER GND. WIRE AT A DEPTH OF 36" BELOW FIN. GRADE FOR THE EQUIPMENT PAD (EER) AND ICE BRIDGE (CSG).
- THE GENERAL CONTRACTOR E.C. SHALL FURN. & INST. 2 AWG BARE SOLID TINNED COPPER GND. WIRE AT A DEPTH OF 36" BELOW FIN. GRADE FOR THE TOWER (EER), FUTURE TOWER WAVEGUIDE GROUND LEADS (FTWGL), GATE GROUND (GG), FENCE (FG), TOWER BASE GROUND (TBG) AND TOWER WAVEGUIDE GROUND (TWG).
- ALL EXTERIOR GND. CONNECTIONS SHALL BE EXOTHERMIC CADWELD (U.N.O.).
- ALL CRIMP LUG CONNECTIONS TO ALL GROUND BARS SHALL BE LUBRICATED WITH A CORROSION INHIBITER ("OXY-GREASE") OR APPROVED EQUAL.
- UPON COMPLETION OF THE TOWER GROUNDING RING, THE GENERAL CONTRACTOR E.C. SHALL MEGGER TEST THE COUMPOUND GROUNDING FIELD. THE REQUIRED RESISTANCE LEVEL IS 5 OHMS OR LESS. THE GENERAL CONTRACTOR E.C. SHALL NOTIFY THE ENGINEER IF THESE REQUIREMENTS ARE NOT ACHIEVED. THE GENERAL CONTRACTOR E.C. SHALL SUBMIT PRICING TO TOWER OWNER FOR THE INSTALLATION OF ADDITIONAL GROUND RODS REQUIRED FOR PROPER RESISTANCE. UPON APPROVAL FROM TOWER OWNER, THE GENERAL CONTRACTOR E.C. SHALL INSTALL ADDITIONAL GROUND RODS AS REQUIRED. AFTER PASSING TEST, THE GENERAL CONTRACTOR E.C. SHALL NOTIFY TOWER OWNER 48 HOURS PRIOR TO BACKFILLING TRENCHES, POURING CONCRETE FOR FOUNDATIONS, TO INSPECT BONDS AND INSPECT ANY/ALL BREAKS AND REPAIRS TO THE GROUND RING.
- UPON COMPLETION OF THE RADIO EQUIPMENT PAD GROUNDING RING AND BEFORE BONDING TO THE TOWER GROUNDING RING, THE VZW E.C. SHALL MEGGER TEST THE EQUIPMENT PAD GROUNDING FIELD. THE REQUIRED RESISTANCE LEVEL IS 5 OHMS OR LESS. THE VZW E.C. SHALL NOTIFY THE ENGINEER IF THESE REQUIREMENTS ARE NOT ACHIEVED. THE VZW E.C. SHALL SUBMIT PRICING TO VERIZON WIRELESS FOR THE INSTALLATION OF ADDITIONAL GROUND RODS REQUIRED FOR PROPER RESISTANCE. UPON APPROVAL FROM VERIZON WIRELESS, THE VZW E.C. SHALL INSTALL ADDITIONAL GROUND RODS AS REQUIRED. AFTER PASSING TEST, THEN THE VZW E.C. SHALL BOND THE RADIO EQUIPMENT PAD GROUND RING TO THE TOWER GROUND RING. THE VZW E.C. SHALL NOTIFY VERIZON WIRELESS 48 HOURS PRIOR TO BACKFILLING TRENCHES, POURING CONCRETE FOR FOUNDATIONS, TO INSPECT BONDS AND INSPECT ANY/ALL BREAKS AND REPAIRS TO THE GROUND RING.
- GROUND SYSTEM SHALL BE VISUALLY INSPECTED BY A TOWER OWNER AND VERIZON WIRELESS CONSTRUCTION ENGINEER BEFORE BACKFILLING IF REQUESTED.
- GROUND ASSEMBLIES SHALL BE THEFT DETERRENT DESIGN AS MANUFACTURED BY ERICO INC. AND FURNISHED BY VERIZON WIRELESS. PROVIDE TWO (2) LUG HOLES PER VERIZON WIRELESS STANDARDS. UNLESS NOTED OTHERWISE.
- ALL ABOVE GROUND BARE COPPER CONDUCTORS BELOW 10' ABOVE GRADE SHALL BE INSTALLED IN FLEXIBLE PVC CONDUIT. CONDUIT SHALL BE FILLED WITH THEFT DETERRENT COMPOUND (ELECTRIC MOTION COMPANY ANTI-THEFT COMPOUND EM-5101).
- BARE COPPER CONDUCTORS SHALL NOT BE INSTALLED WHERE THEY MAY BE IN CONTACT WITH GALVANIZED METALS. THE CONDUCTORS SHALL BE INSULATED OR ENCLOSED IN PVC CONDUIT, PLASTIC SEALTIGHT OR INSTALLED WITH STANDOFF SUCH THAT NO CONTACT BETWEEN DISSIMILAR METALS MAY TAKE PLACE.
- CONNECTION OF COPPER CONDUCTORS TO GALVANIZED METAL OR ALUMINUM SHALL BE AVOIDED. BRASS OR STAINLESS STEEL LUGS OR BARS SHALL BE USED FOR THESE CONNECTIONS.
- NO SHARP 90° BENDS SHALL BE USED. A LONG SWINGING RADIUS BEND REQUIRED.
- ALL GROUNDING SHALL BE IN ACCORDANCE WITH VERIZON WIRELESS SPECIFICATIONS.

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METCALFE COUNTY

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PID NUMBER: 16735941

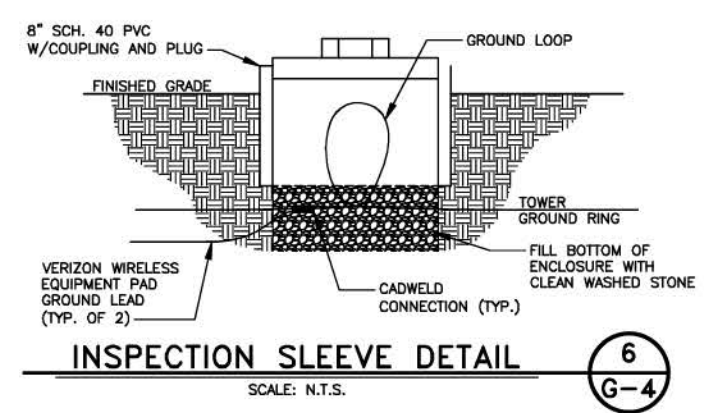
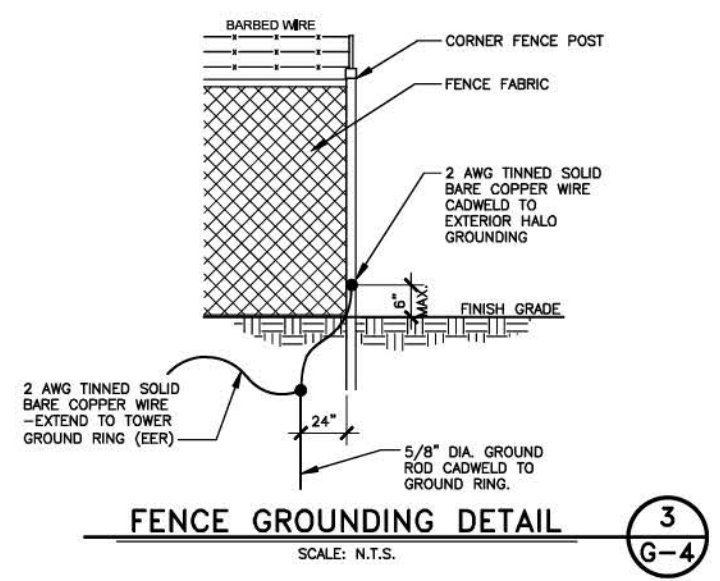
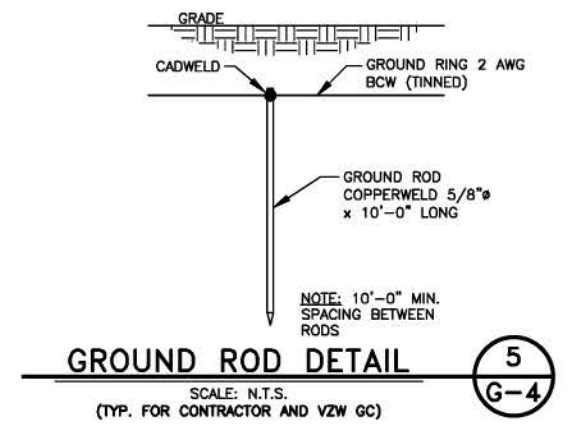
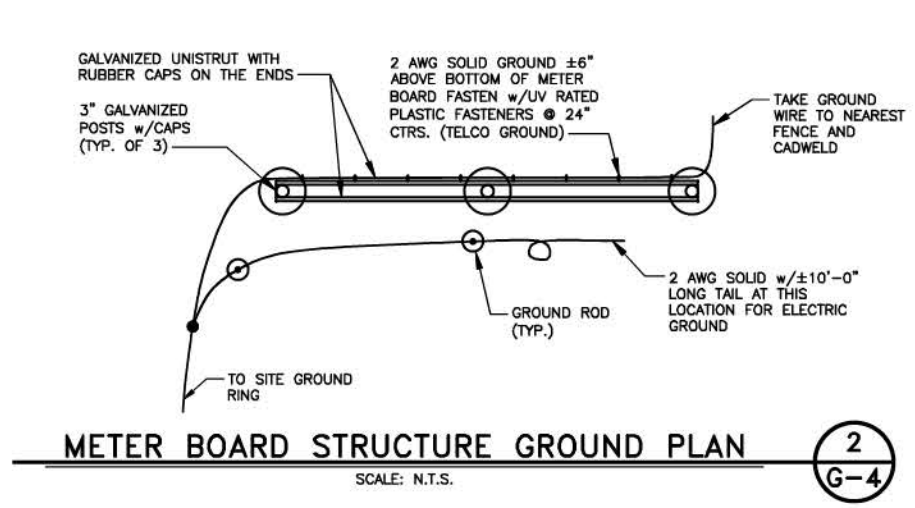
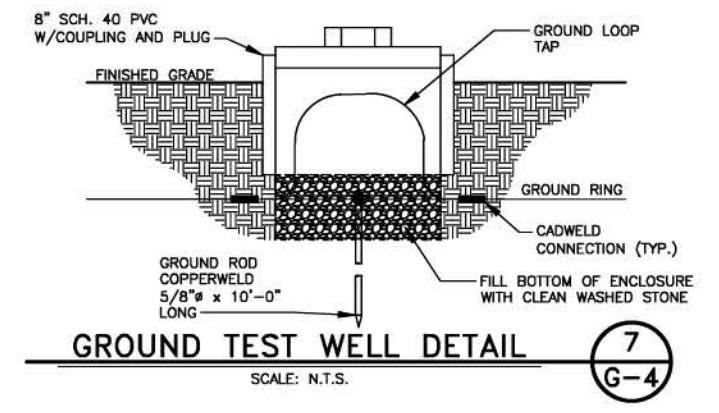
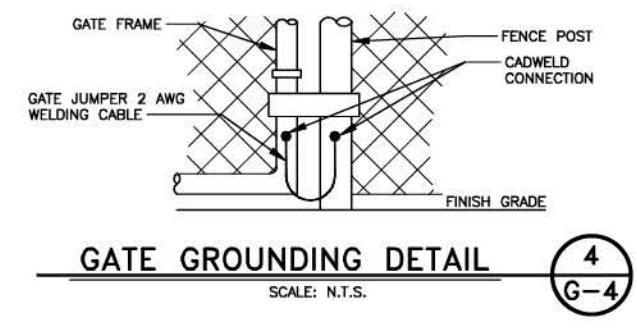
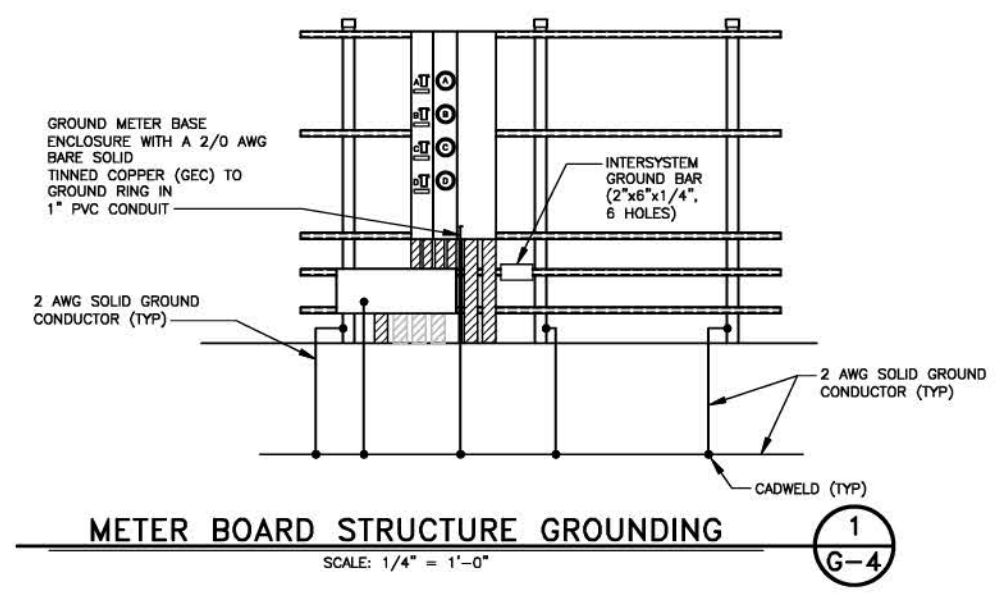
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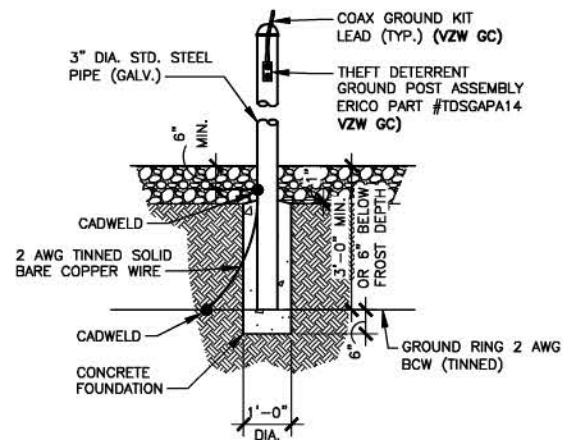
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GROUNDING DETAILS

SHEET NUMBER:

G-4

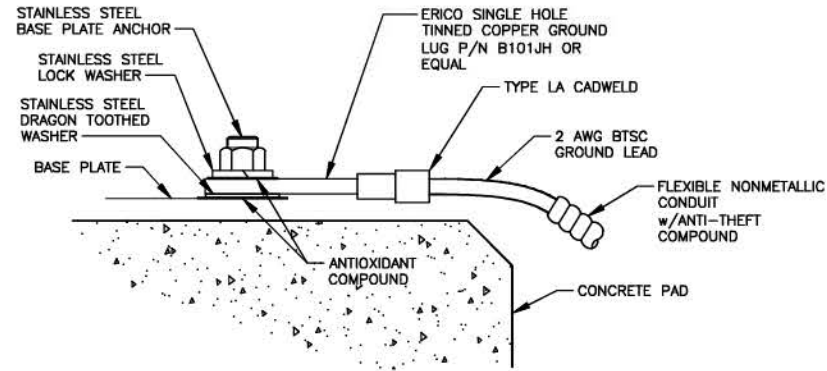




**THEFT DETERRENT POST MOUNT
GROUND DETAIL (CEPSG)**

SCALE: N.T.S.
(BY VZW GC)

1
G-5

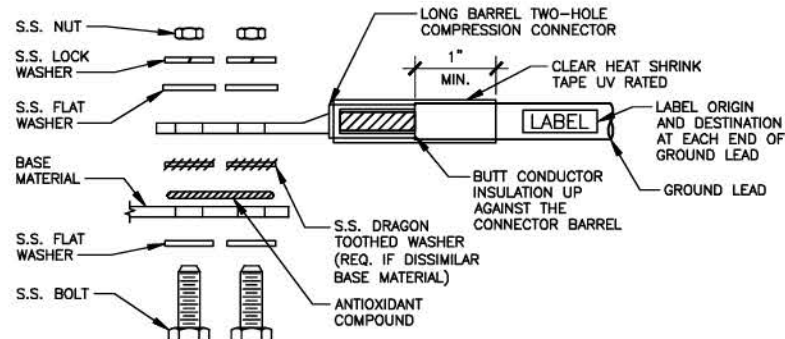


1. ALL HARDWARE SHALL BE 18-8 STAINLESS STEEL.
2. INSTALL ANCHOR LENGTH TO ALLOW EXPOSURE OF AT LEAST TWO THREADS.
3. AT CONNECTIONS MADE TO STEEL OR ANY OTHER DISSIMILAR METALS, A DRAGON TOOTH WASHER SHALL BE USED BETWEEN THE CONNECTOR AND METAL.
4. IF NO DRAGON TOOTH WASHER IS USED, THOROUGHLY REMOVE A SECTION OF THE COATING APPROXIMATELY THE SIZE OF THE CONNECTOR WITH AN ABRASIVE STYLE TOOL.
5. No-Ox-ID ANTI-OXIDATION COMPOUND (SANCHEM) SHALL BE USED AT ALL COPPER TO COPPER CONNECTIONS.
6. A ZINC BASED (GRAY COLORED) ANTI-OXIDATION COMPOUND SHALL BE USED AT ALL COPPER TO STEEL CONNECTIONS.
7. PENTROX OR EQUAL ANTI-OXIDATION COMPOUND SHALL BE USED AT ALL COPPER TO ALUMINUM CONNECTIONS.

**GROUND LUG TO BASEPLATE
INSTALLATION DETAIL**

SCALE: N.T.S.

3
G-5

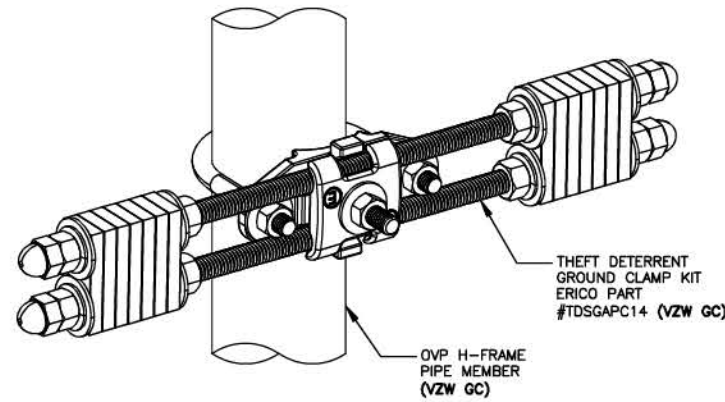


1. ALL HARDWARE SHALL BE 18-8 STAINLESS STEEL.
2. CHOOSE BOLT LENGTH TO ALLOW EXPOSURE OF AT LEAST TWO THREADS.
3. BACK TO BACK LUG CONNECTIONS ARE ACCEPTABLE WHEN BONDED TO A GROUND BAR OR STEEL OBJECT.
4. AT CONNECTIONS MADE TO STEEL OR ANY OTHER DISSIMILAR METALS, A DRAGON TOOTH WASHER SHALL BE USED BETWEEN THE CONNECTOR AND METAL.
5. IF NO DRAGON TOOTH WASHER IS USED, THOROUGHLY REMOVE A SECTION OF THE COATING APPROXIMATELY THE SIZE OF THE CONNECTOR WITH AN ABRASIVE STYLE TOOL.
6. No-Ox-ID ANTI-OXIDATION COMPOUND (SANCHEM) SHALL BE USED AT ALL COPPER TO COPPER CONNECTIONS.
7. A ZINC BASED (GRAY COLORED) ANTI-OXIDATION COMPOUND SHALL BE USED AT ALL COPPER TO STEEL CONNECTIONS.
8. PENTROX OR EQUAL ANTI-OXIDATION COMPOUND SHALL BE USED AT ALL COPPER TO ALUMINUM CONNECTIONS.

GROUND LUG INSTALLATION DETAIL

SCALE: N.T.S.

2
G-5

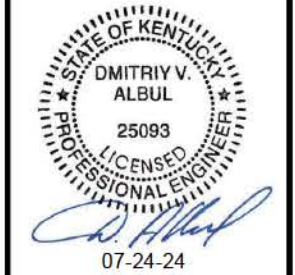


OVP GROUND ASSEMBLY (OGA)

SCALE: N.T.S.
(BY VZW GC)

4
G-5

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CK GLOVER
CREEK**

486 SUMMER SHADE RD
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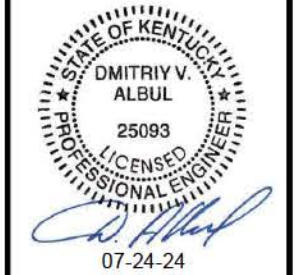
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GROUNDING DETAILS

SHEET NUMBER:

G-5

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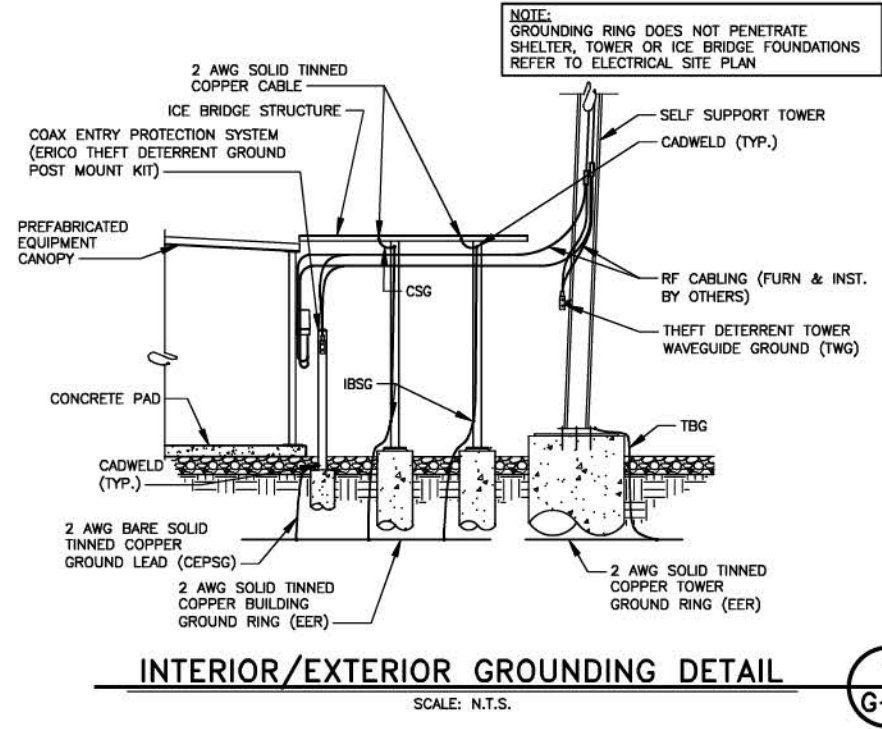
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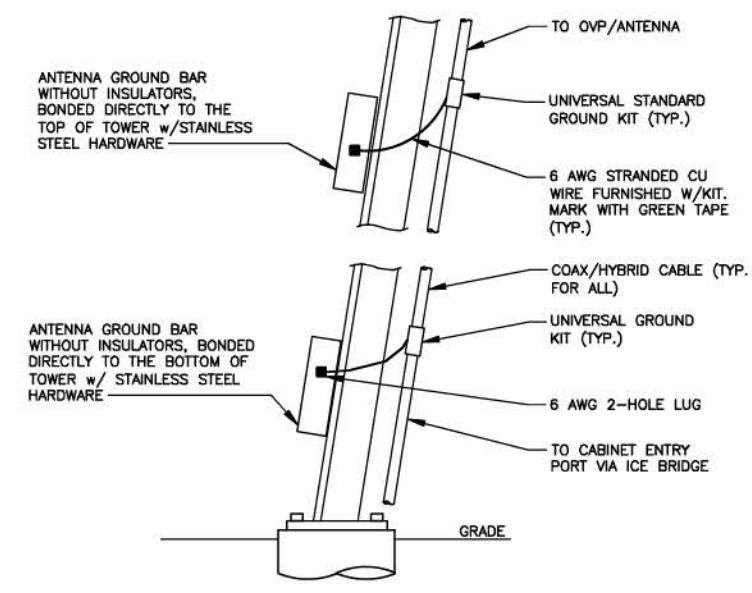
SHEET TITLE:
**ANTENNA LEVEL
GROUNDING PLAN &
DETAILS**

SHEET NUMBER:
G-6



INTERIOR/EXTERIOR GROUNDING DETAIL

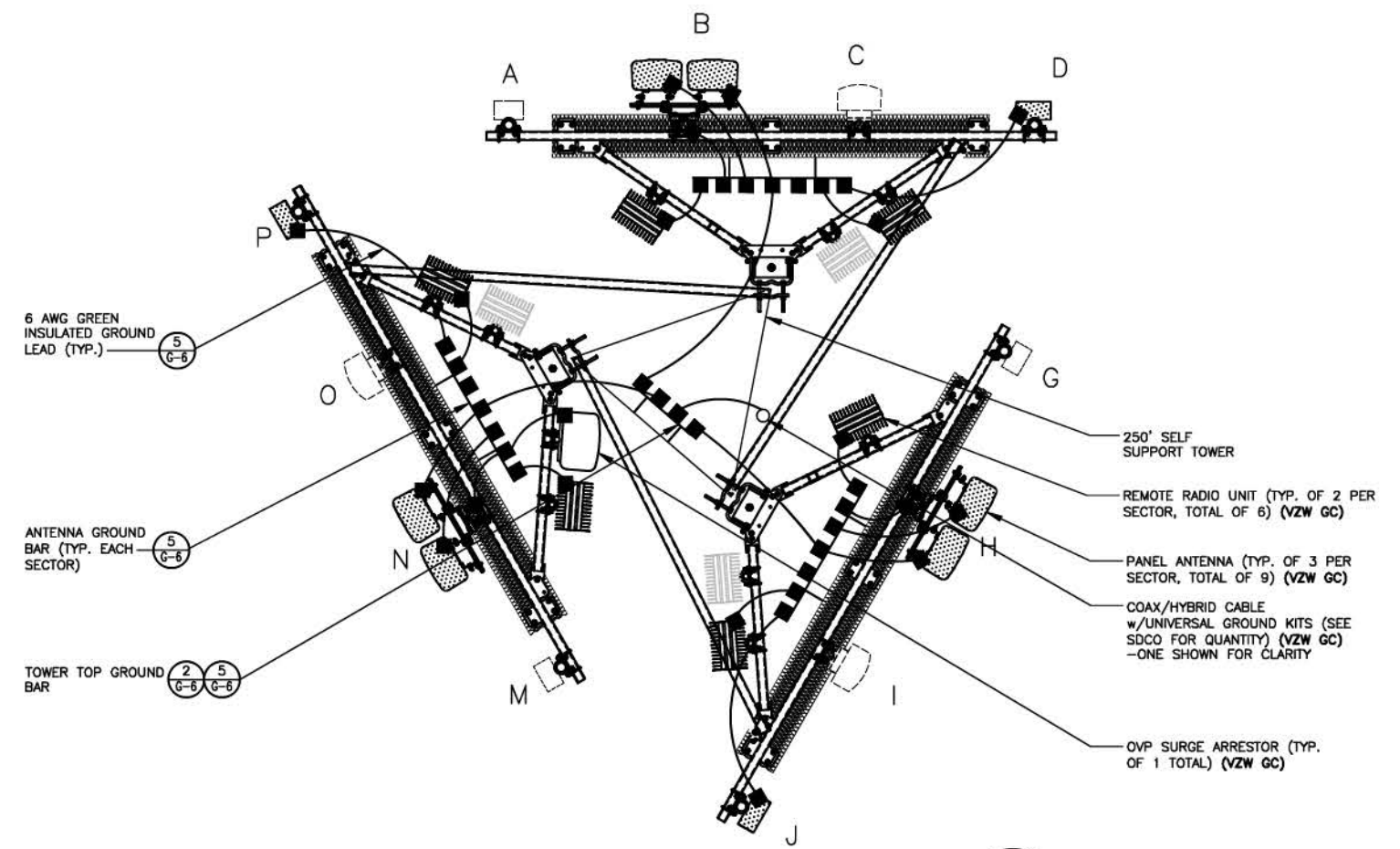
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**ANTENNA CABLE GROUNDING
INSTALLATION DETAIL**

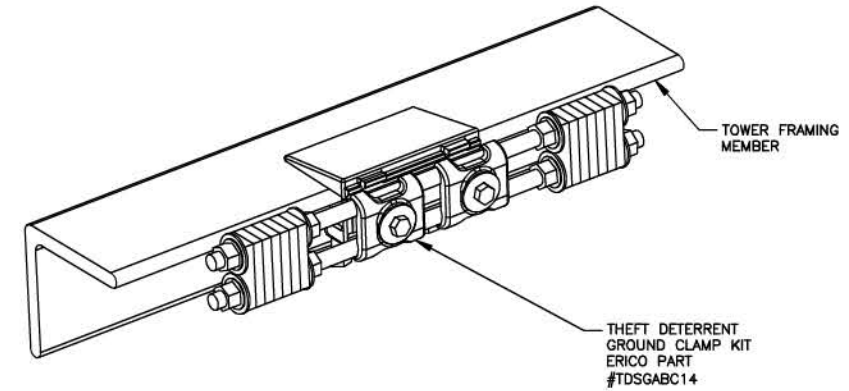
SCALE: N.T.S.

NOTE:
1. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. PROVIDE AS REQUIRED (VZW GC)
2. INSTALL UNIVERSAL GROUND KITS AT ALL GROUND BAR LOCATIONS. (VZW GC)



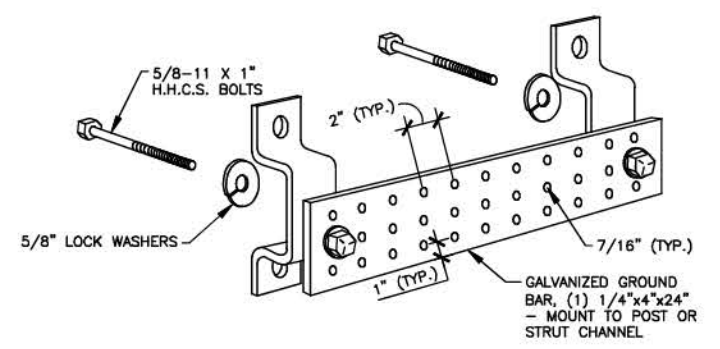
ANTENNA LEVEL GROUNDING PLAN

SCALE: N.T.S.



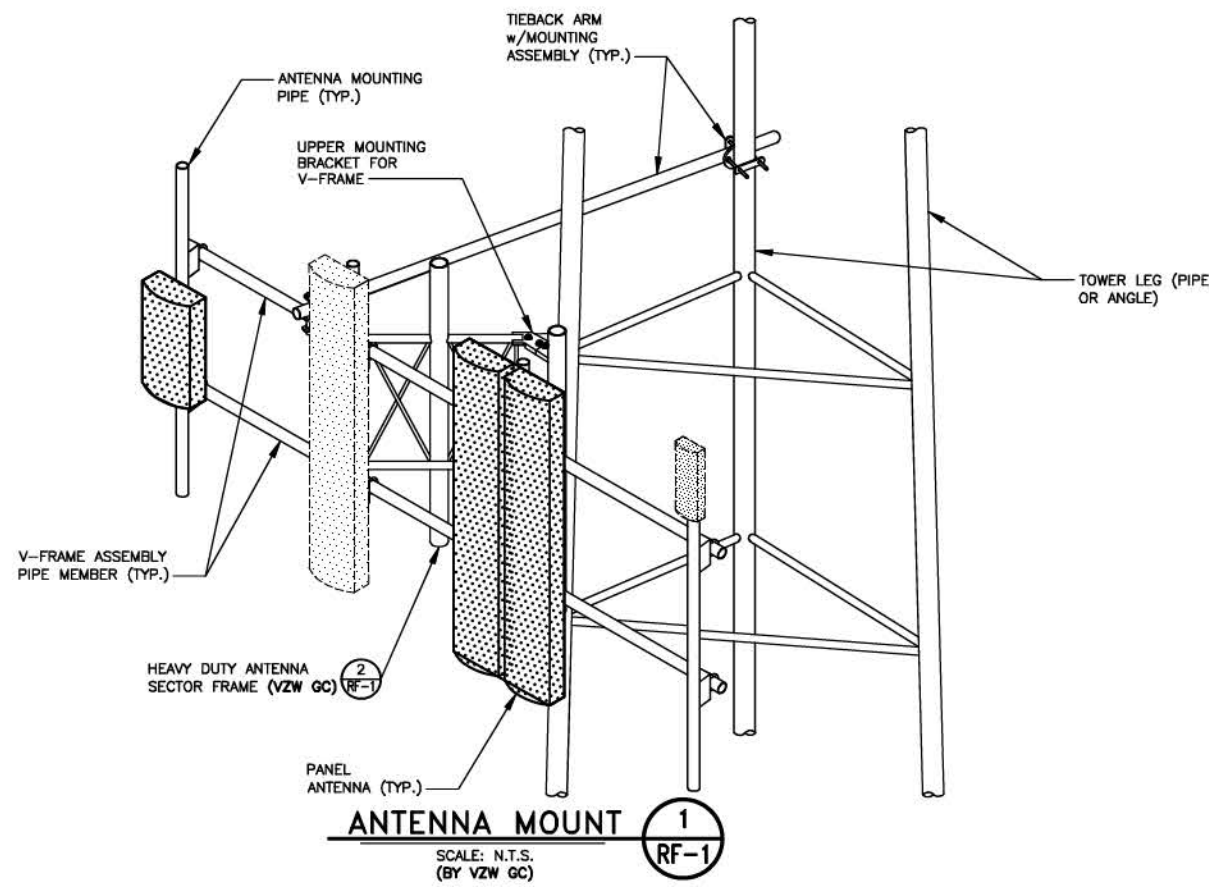
TOWER BOTTOM GROUND ASSEMBLY

SCALE: N.T.S.



**ANTENNA & TOWER TOP
GROUND BAR**

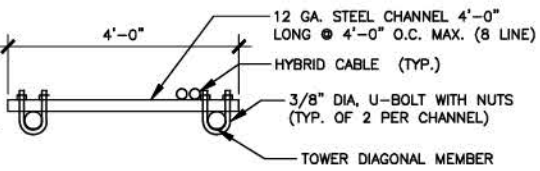
SCALE: N.T.S.



ANTENNA AND HYBRID CABLES

CONTRACTOR MAY SUBSTITUTE AN ALTERNATE METHOD TO SUPPORT THE HYBRID CABLES, BUT SHALL SUBMIT DETAILING OF THE ALTERNATE METHOD TO STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO PROCEEDING WITH THE INSTALLATION OF THE CABLES.

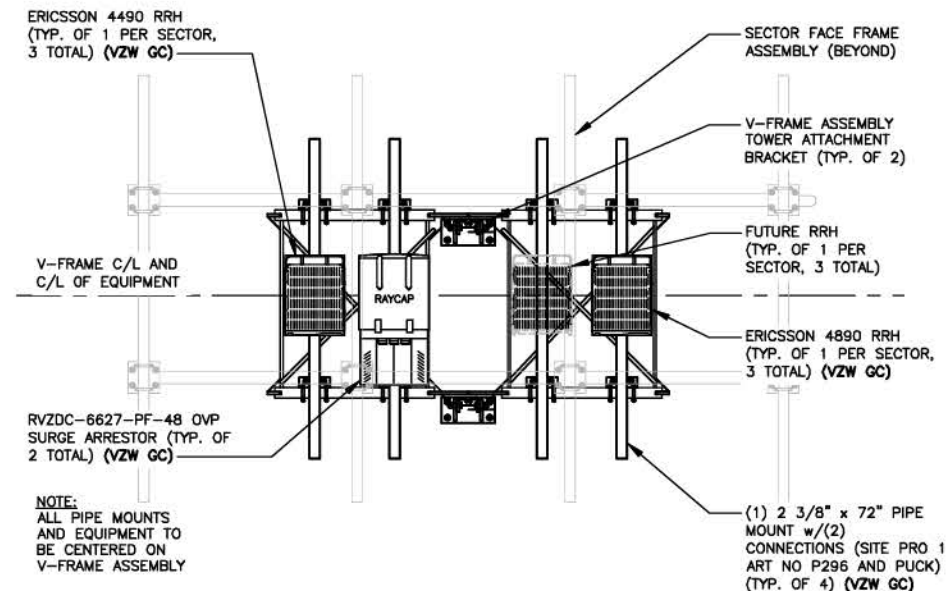
THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE STRUCTURAL ANALYSIS FOR REQUIRED HYBRID CABLE SUPPORT CONFIGURATIONS NOT INDICATED ON THE DETAIL. I.E. BUNDLED CABLES.



HYBRID CABLE SUPPORT DETAIL

GENERAL NOTES:

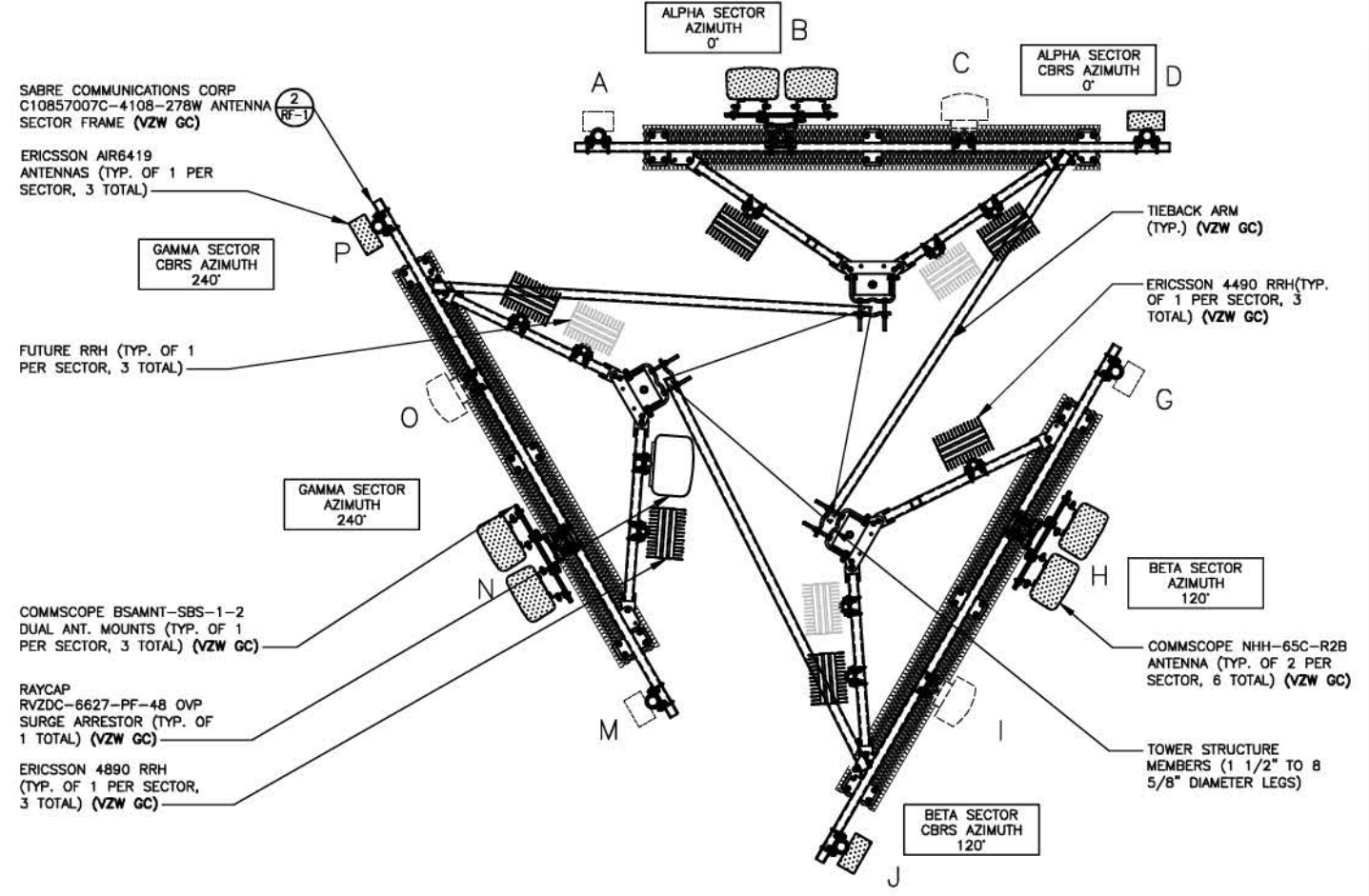
1. VERIFY EACH HYBRID CABLE LENGTH, DIAMETER, ROUTING, AND ALL MOUNTING APPURTENANCES WITH OWNER PRIOR TO ORDER.
2. THE MAXIMUM HYBRID CABLE LENGTH HAS BEEN ESTIMATED AT _____ FEET, APPROXIMATELY. ACTUAL ANTENNA CABLE LENGTH MAY VARY FROM ESTIMATED MAXIMUM LENGTH AND MUST BE VERIFIED.
3. TAG ALL MAIN CABLES AT TWO (2) LOCATIONS. 1) AT ANTENNAS 2) OUTSIDE EQUIPMENT CABINET NEAR THE WAVEGUIDE ENTRY PORT.
4. EACH CABLE SHALL BE GROUNDED AT (3) THREE LOCATIONS. ANTENNA LEVEL ON TOWER, TOWER BASE, AND EQUIPMENT H-FRAME.
5. HYBRID CABLES TO BE SUPPORTED EVERY 36" OFF MOUNTING FRAMES WITH STAINLESS STEEL HANGERS.
6. JUMPER CABLES TO BE SUPPORTED EVERY 18" WITH STAINLESS STEEL HANGERS.



ANTENNA MOUNT - REAR VIEW (FLATTENED)

SCALE: N.T.S. (BY VZW GC)

3 RF-1

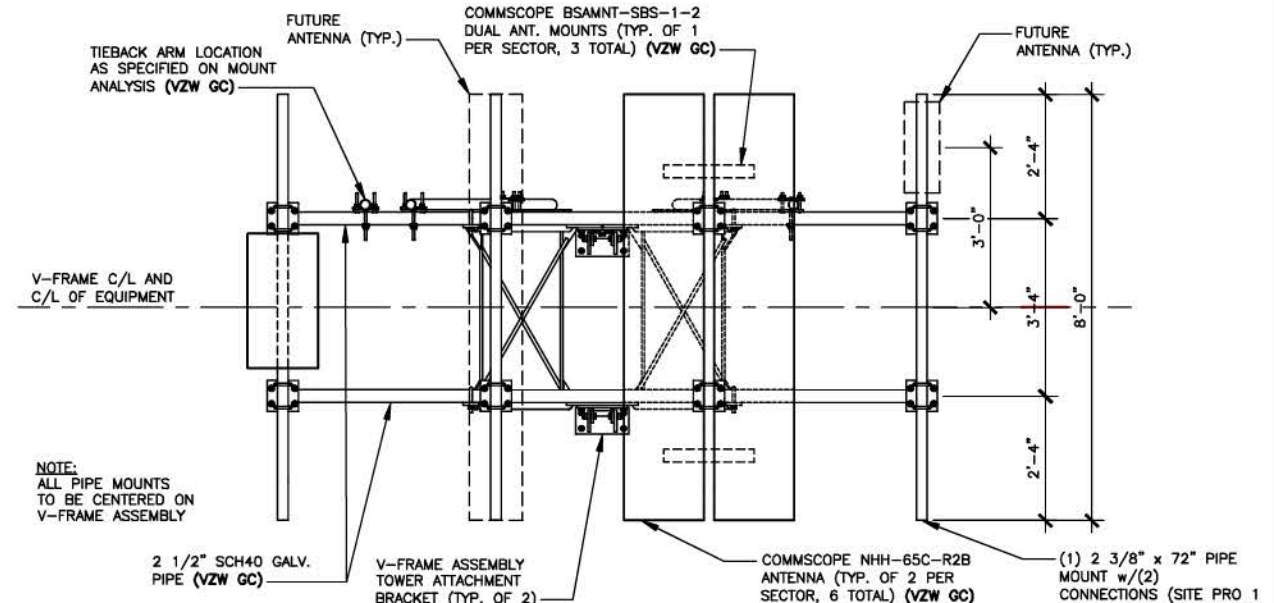


NOTE: FINAL ANTENNA LEVEL PLAN AND PASSING MOUNT ANALYSIS MUST MATCH. NOTIFY VZW CONSTRUCTION MANAGER IF DISCREPANCY EXISTS.

ANTENNA LAYOUT - PLAN VIEW

SCALE: N.T.S. (BY VZW GC)

2 RF-1

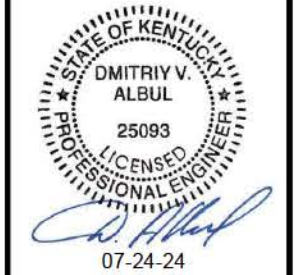


ANTENNA MOUNT - FRONT VIEW

SCALE: N.T.S. (BY VZW GC)

4 RF-1

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PID NUMBER: 16735941

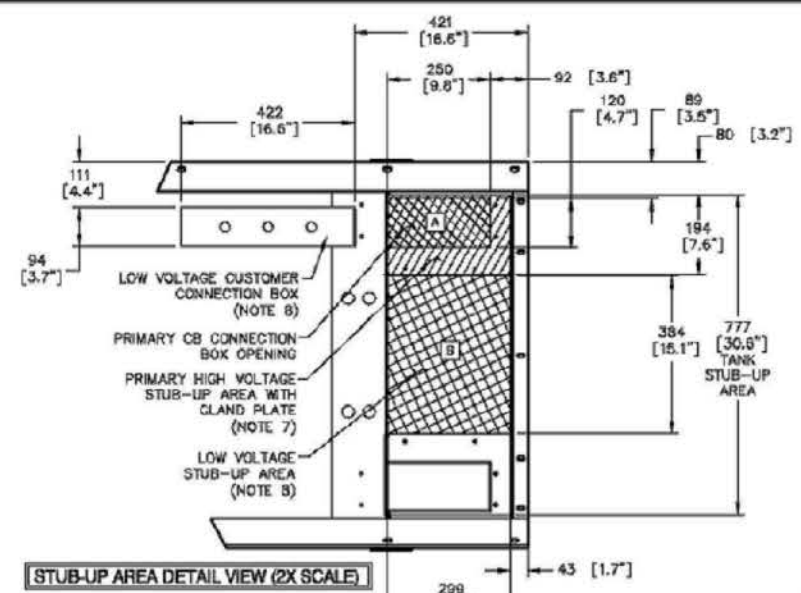
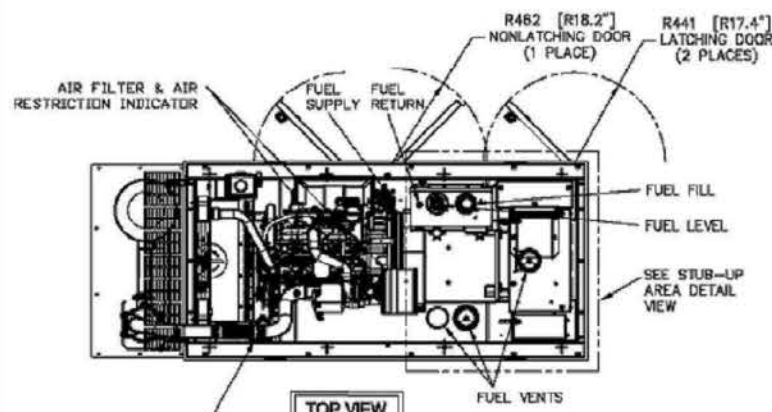
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DATE: 03.14.24

SHEET TITLE:
ANTENNA PLAN & DETAILS
(REFERENCE ONLY)

SHEET NUMBER:

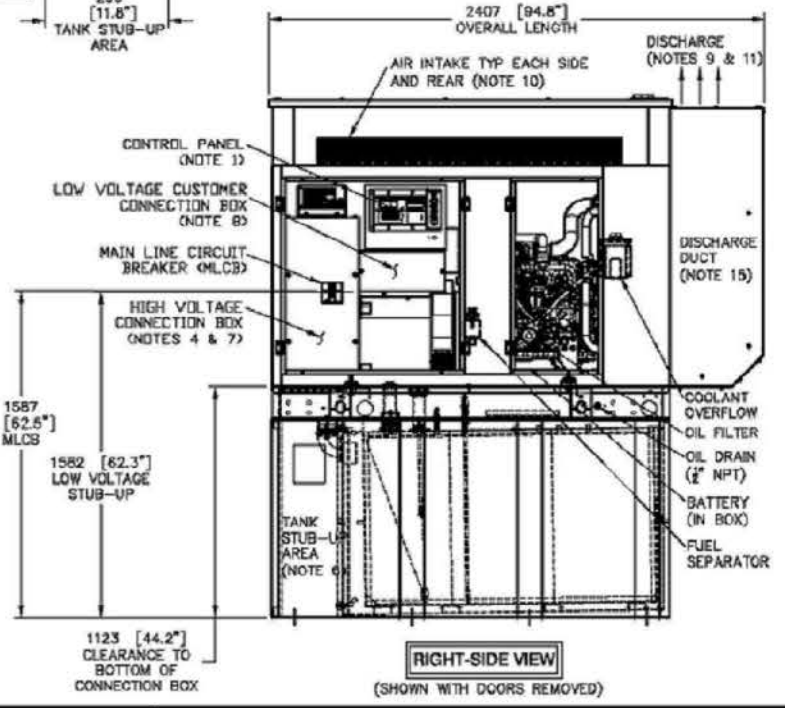
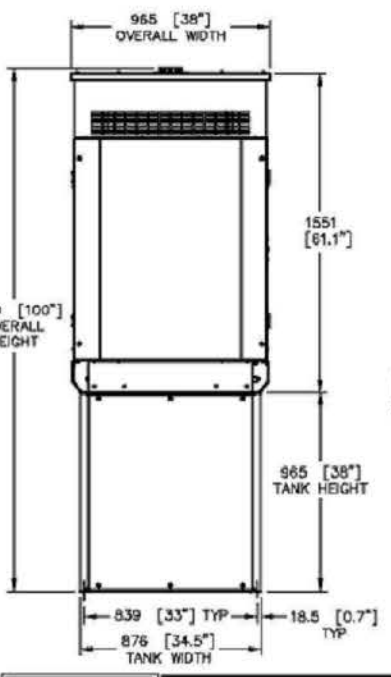
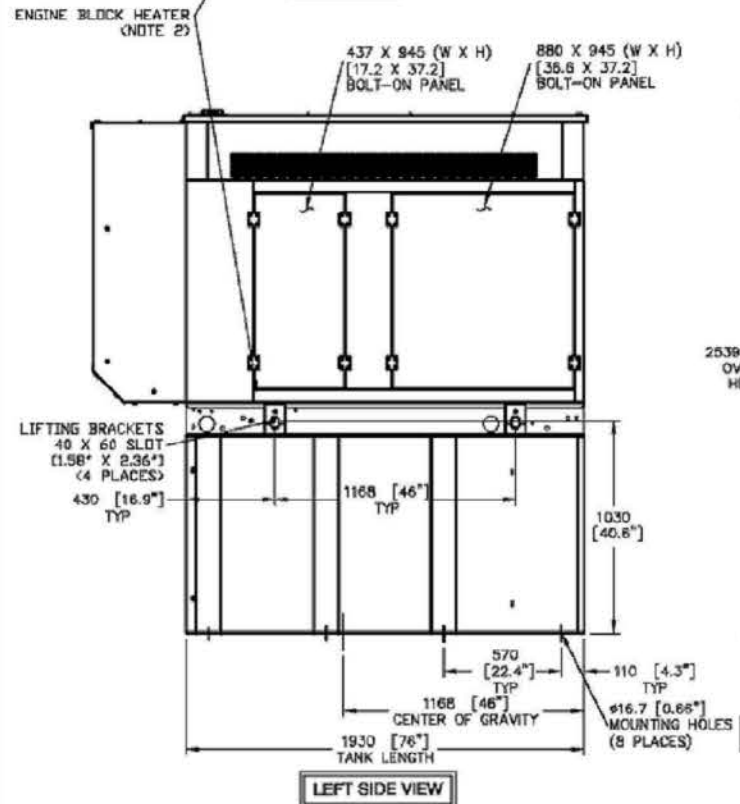
RF-1

0J7500E



RECOMMENDED ELECTRICAL STUB-UPS
(SEE DETAILED VIEW & TOP VIEW)

DESCRIPTION	INSIDE BASE
HIGH VOLTAGE STUB-UP AREA 1) AC LOAD LEAD CONDUIT AREA. 2) 120/240 VAC FROM UTILITY (BY OTHERS) (GLAND PLATE INCLUDED)	A
LOW VOLTAGE STUB-UP AREA 1) TRANSFER SWITCH/ COMMUNICATIONS CONDUITS. COMMUNICATIONS AND 2-WIRE START MUST NOT BE RUN IN CONDUIT WITH AC WIRING. (SEE NOTE 8)	B



- NOTES:
- CONTROL PANEL INCLUDES BATTERY CHARGER WITH THREE PRONG CORD.
 - 1500W 120VAC ENGINE BLOCK HEATER WITH THREE PRONG CORD.
 - 12 VOLT NEGATIVE GROUND SYSTEM.
 - GENERATOR MUST BE GROUNDED.
 - CENTER OF GRAVITY & WEIGHT MAY SHIFT SLIGHTLY DUE TO UNIT OPTIONS.
 - STUB-UPS: BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
 - HIGH VOLTAGE STUB-UP AREA INCLUDES THE AC LOAD LEAD CONNECTION TO THE MAIN LINE CIRCUIT BREAKER, THE NEUTRAL CONNECTION, AND AUXILIARY 120/240V CONNECTION.
 - CONNECTION POINTS FOR CONTROL WIRES. BOTTOM OF LOW VOLTAGE CUSTOMER CONNECTION BOX HAS KNOCKOUTS FOR 1/2" AND 3/4" CONDUIT FITTINGS.
 - MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS.
 - MUST ALLOW FREE FLOW OF INTAKE AIR. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS.
 - GENERATOR MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND THAT DISCHARGE AIR FROM THE RADIATOR IS NOT RECIRCULATED.
 - IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
 - 210 GALLON USEABLE CAPACITY BASETANK IS INCLUDED WITH GENERATOR.
 - UNIT IS SHIPPED WITH FUEL SUPPLY AND RETURN LINES DISCONNECTED AND PLUGGED BETWEEN ENGINE AND FUEL TANK. THIS HAS BEEN DONE TO FACILITATE PRESSURE TESTING OF THE TANK IN THE FIELD. FOR INFORMATION REGARDING CONNECTING THE FUEL SUPPLY AND RETURN LINES PRIOR TO START UP, SEE THE FUEL TANK FIELD TESTING PROCEDURE (065082) SUPPLIED IN THE TANK LOOSE VENTS KIT, WHICH IS SHIPPED WITH THIS GENERATOR.
 - SEE DRAWING OC3850 FOR DISCHARGE DUCT REMOVAL. REMOVAL OF DUCT WILL PROVIDE ACCESS TO MUFFLER FOR SERVICING.

WEIGHT DATA: (INCLUDES EMPTY FUEL TANK)
GENERATOR: 1432 KG (3157 LBS)
GENERATOR WITH WOODEN SHIPPING SKID: 1481 KG (3287 LBS)

UNITS: mm [INCHES]

INSTALLATION DRAWING

GENERAC POWER SYSTEMS OWNS THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS SUPPLIED WITHOUT THE EXPRESS WRITTEN CONSENT OF GENERAC POWER SYSTEMS.
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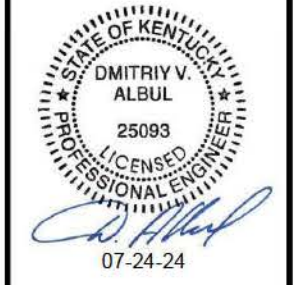
INSTALL SD030
DIESEL 2.4L G16
L2A Y02 SSM
210 GAL BASETANK
ISSUE DATE: 05/21/14

GENERAC POWER SYSTEMS Waukesha P.O. BOX 8 WAUKESHA, WIS. 53187	
FILE NAME	0J7500E.DWG
SCALE	1 = 30
DWG NO.	0J7500E
SIZE	B
FIRST USE	CO 1725150
REV	A



49030 Pontiac Trail, Suite 100
Wixom, Michigan 48393
PHONE: (248) 705-9212

REV.	DATE	DESCRIPTION
A	03/14/14	ISSUED FOR REVIEW
B	03/15/14	REVISED CD
C	03/23/14	PERMITTING CDS
1	06/12/14	ISSUED FOR CONSTRUCTION
2	07/11/14	ISSUED FOR CONSTRUCTION
3	07/23/14	ISSUED FOR CONSTRUCTION



SITE INFORMATION:
CK GLOVER CREEK
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

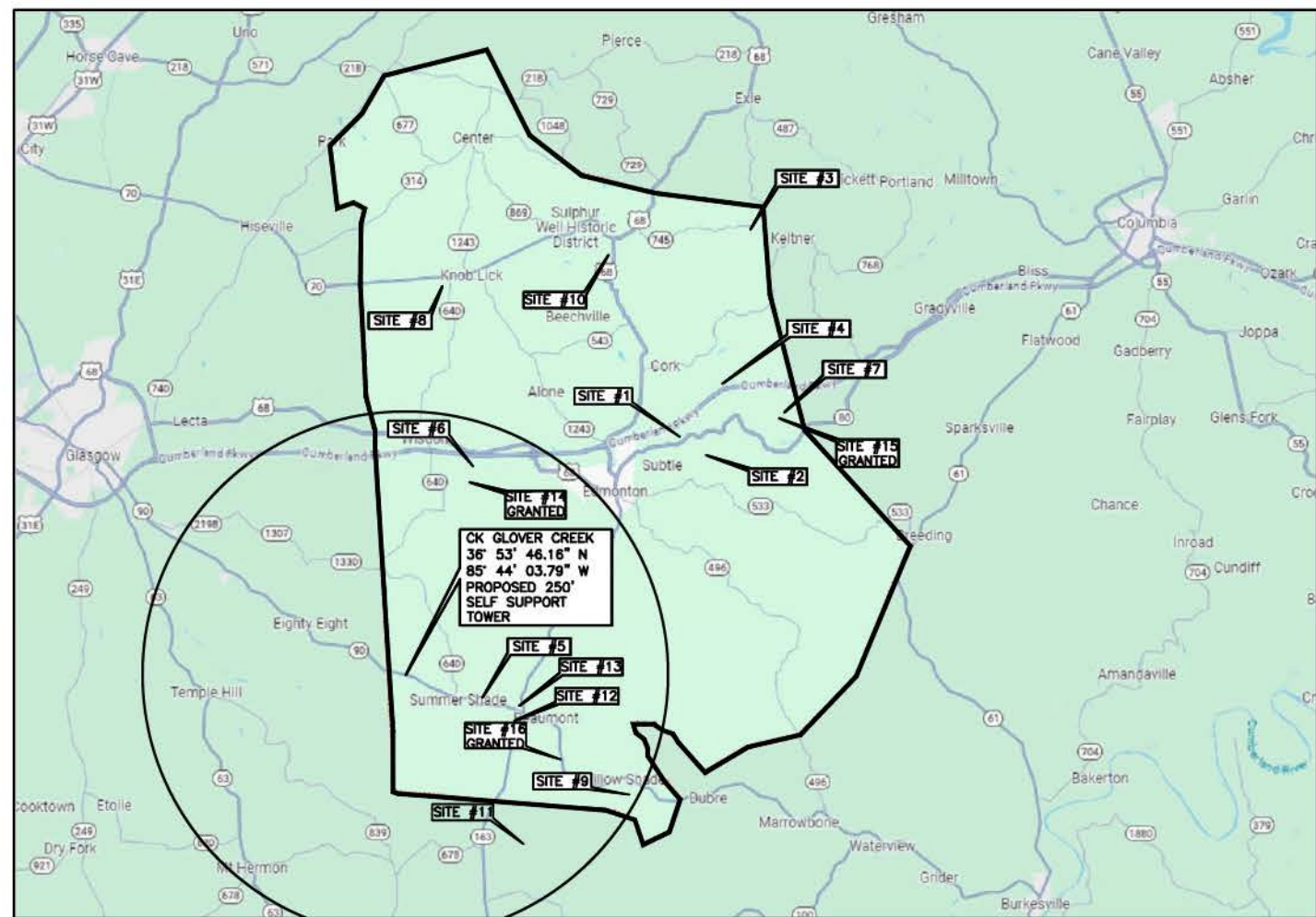
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GENERATOR SPECIFICATIONS (REFERENCE ONLY)

SHEET NUMBER:

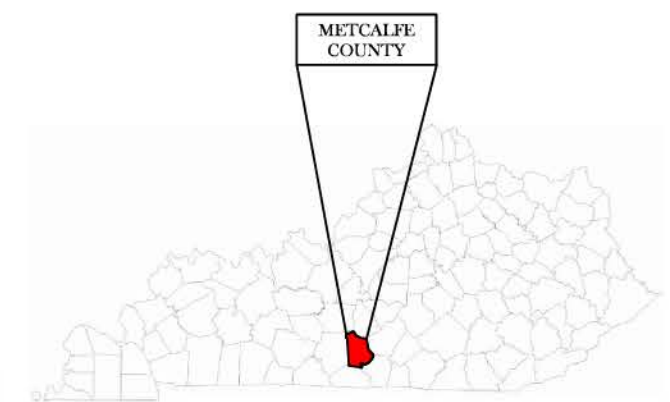
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KENTUCKY CELLCO
PARTNERSHIP D/B/A



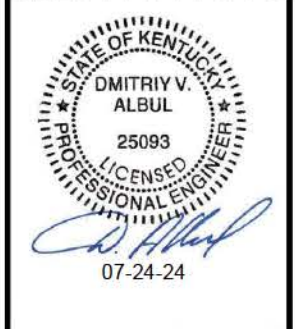
MAP NOT TO SCALE

**CITY OF SUMMER SHADE
METCALFE COUNTY, KENTUCKY
VERIZON WIRELESS SITE
CK GLOVER CREEK
TOWER LOCATION EXHIBIT**



KENTUCKY

REV.	DATE	DESCRIPTION
A	03/14/24	ISSUED FOR REVIEW
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3	07/23/24	ISSUED FOR CONSTRUCTION



- SITE#1: FCC# 1007823, GLOBAL TOWER, LLC. THROUGH AMERICAN TOWERS, LLC, 37° 00' 19.9"N, 085° 34' 34.2"W
- SITE#2: FCC# 1043059, CELLCO PARTNERSHIP, 36° 59' 41.0"N, 085° 33' 38.0"W
- SITE#3: FCC# 1044821, KENTUCKY, COMMONWEALTH OF DBA = KY EMERGENCY WARNING SYSTEM KEWS, 37° 06' 00.0"N, 085° 32' 10.1"W
- SITE#4: FCC# 1048812, HART COUNTY COMMUNICATIONS INC, 37° 01' 32.0" N, 085° 33' 20.0"W
- SITE#5: FCC# 1214425, TENNESSEE VALLEY AUTHORITY, 36° 52' 56.0"N, 085° 41' 16.8"W
- SITE#6: FCC# 1252327, SBA TOWERS VII, LLC, 36° 59' 38.2"N, 085° 41' 15.3"W
- SITE#7: FCC# 1252869, SBA TOWERS VII, LLC, 37° 01' 04.2"N, 085° 30' 53.2"W
- SITE#8: FCC# 1260710, CELLCO PARTNERSHIP, 37° 04' 25.0"N, 085° 42' 47.2"W
- SITE#9: FCC# 1261655, CELLCO PARTNERSHIP, 36° 50' 21.2"N, 085° 36' 18.3"W
- SITE#10: FCC# 1266731, CELLCO PARTNERSHIP, 37° 05' 29.1"N, 085° 36' 52.2"W
- SITE#11: FCC# 1041300, TEXAS EASTERN COMMUNICATIONS, LLC, 36° 49' 56.2" N, 085° 40' 07.8" W
- SITE#12: FCC# 1309696, CTI ASSETS II, LLC, 36° 52' 34.0"N, 085° 40' 01.6"W
- SITE#13: FCC# 1310242, VB BTS, LLC, 36° 52' 43.7"N, 085° 39' 53.1"W
- SITE#14: FCC# 1316243, UNIFI TOWERS LLC, 36° 59' 34.3"N, 085° 41' 17.1"W GRANTED
- SITE#15: FCC# 1319787, TILLMAN INFRASTRUCTURE, LLC, 37° 00' 56.4"N, 085° 31' 05.3"W GRANTED
- SITE#16: FCC# 1327380, TAG TOWERS, LLC, 36° 51' 21.6"N, 085° 38' 35.2"W GRANTED

**SITE INFORMATION:
CK GLOVER
CREEK**
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

**SITE NUMBER:
725005**

**SITE NAME:
CK GLOVER CREEK**

PID NUMBER: 16735941

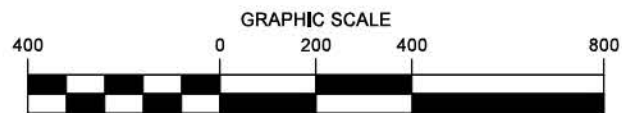
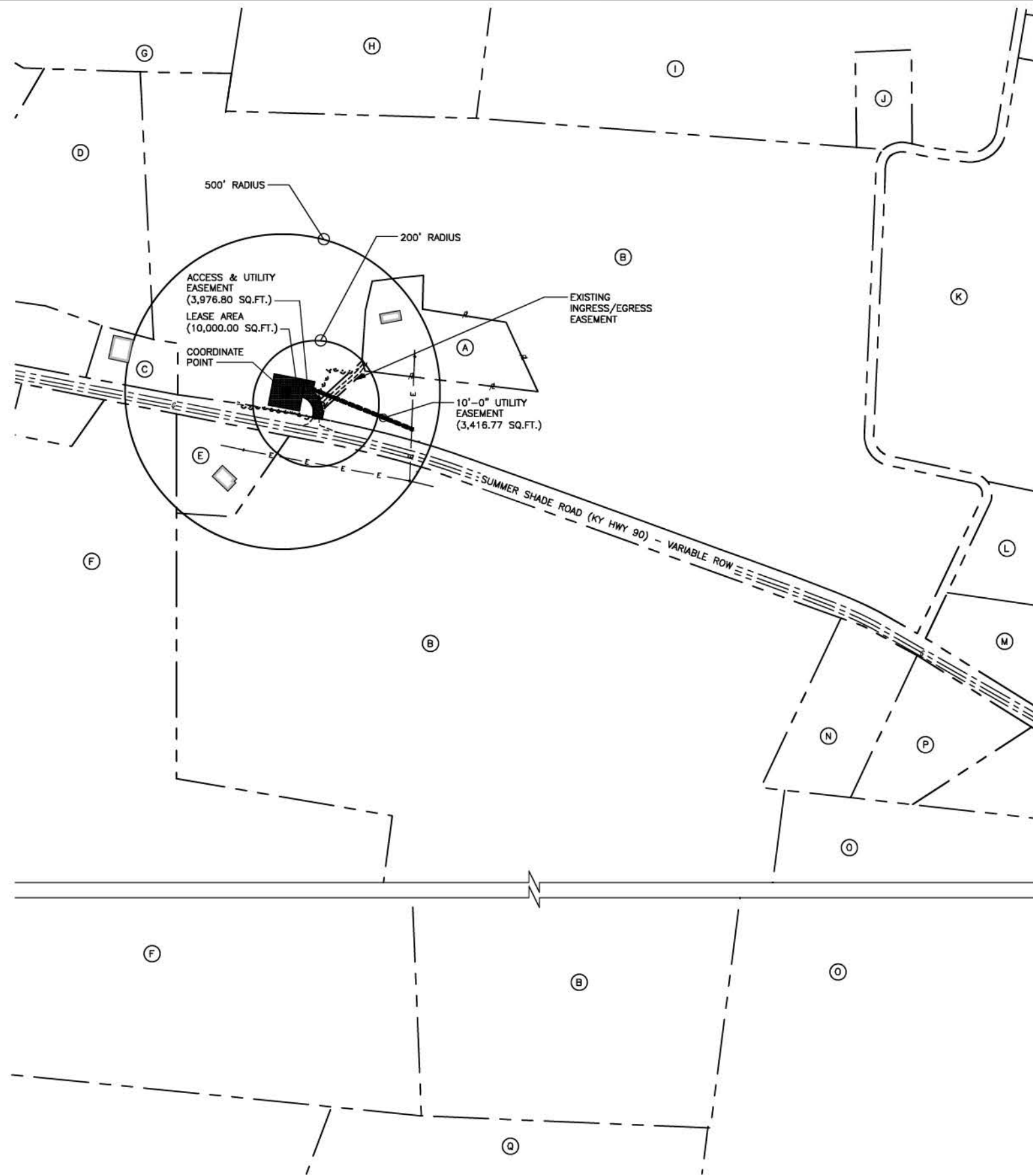
**DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24**

SHEET TITLE:

PSC MAP

SHEET NUMBER:

PSC-1



PSC MAP

SCALE: 1" = 400'



- (A) OWNER: BREWSTER LELA
PARCEL #: 017-00-00-012.03
ADDRESS: 538 SUMMER SHADE RD
SUMMER SHADE, KY 42166
- (B) OWNER: BOWMAN JANE
PARCEL #: 017-00-00-012.00
ADDRESS: 708 SUMMER SHADE RD
SUMMER SHADE, KY 42166
- (C) OWNER: ENGLAND JOSHUA D & CHANDRA D
PARCEL #: 017-00-00-019.01
ADDRESS: 388 SUMMER SHADE RD
SUMMER SHADE, KY 42166
- (D) OWNER: SHAW JUSTIN C
PARCEL #: 017-00-00-013.00
ADDRESS: 245 CORA WILBORN RD
SUMMER SHADE, KY 42166
- (E) OWNER: BOWMAN JANE
PARCEL #: 017-00-00-012.01
ADDRESS: 708 SUMMER SHADE RD
SUMMER SHADE, KY 42166
- (F) OWNER: WADE ELAINE TRUSTEE MIKE
WADE IRREVOCABLE GIFT TRUST
PARCEL #: 017-00-00-021.00
ADDRESS: 110 KARAKAL DRIVE
GLASGOW, KY 42141
- (G) OWNER: HURT JERRY ESTATE
PARCEL #: 017-00-00-001.03
ADDRESS: 200 FROEDGE DUBREE RD
SUMMER SHADE, KY 42166
- (H) OWNER: FROGGETT BONNIE & HENRY ALLEN
PARCEL #: 017-00-00-001.00
ADDRESS: 498 FROEDGE DUBREE RD
SUMMER SHADE, KY 42166
- (I) OWNER: SHAW CHAD E & KELLY A
PARCEL #: 017-00-00-002.00
ADDRESS: P O BOX 1150
EDMONTON, KY 42129
- (J) OWNER: SHAW DONNIE
PARCEL #: 017-00-00-002.02
ADDRESS: 355 PITCOCK RD
SUMMER SHADE, KY 42166
- (K) OWNER: PITCOCK JOSHUA
PARCEL #: 017-00-00-003.04
ADDRESS: 635 TARTER JESSIE RD
SUMMER SHADE, KY 42166
- (L) OWNER: HICKS KAREN SUE
PARCEL #: 017-00-00-003.09
ADDRESS: 5217 E 200 N
GREENFIELD, IN 46140
- (M) OWNER: PITCOCK JOSHUA & FANTOM
PARCEL #: 017-00-00-003.08
ADDRESS: 635 TARTER JESSIE RD
SUMMER SHADE, KY 42166
- (N) OWNER: SIZEMORE LEONARD & CORNELIA LOUISE
PARCEL #: 017-00-00-012.02
ADDRESS: 474 SUMMER SHADE
SUMMER SHADE, KY 42166
- (O) OWNER: DICKERSON LUMBER CO
PARCEL #: 017-00-00-022.00
ADDRESS: P O BOX 125
SUMMER SHADE, KY 42166
- (P) OWNER: DICKERSON LUMBER CO
PARCEL #: 017-00-00-003.01
ADDRESS: P O BOX 125
SUMMER SHADE, KY 42166
- (Q) OWNER: YOUNG TIMMY M
PARCEL #: 017-00-00-030.01
ADDRESS: 450 GUY YOUNG RD
SUMMER SHADE, KY 42166

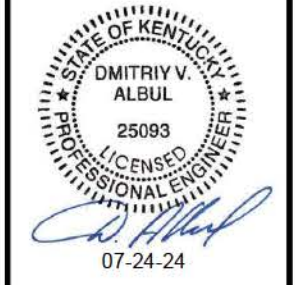


11101 ANDERSON DR
SUITE 200
LITTLE ROCK, AR 72212



49030 Pontiac Trail, Suite 100
Wixom, Michigan 48393
PHONE: (248) 705-9212

REV.	DATE	DESCRIPTION
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SITE INFORMATION:
CK GLOVER CREEK
486 SUMMER SHADE RD
SUMMER SHADE, KY 42166
METCALFE COUNTY

SITE NUMBER:
725005

SITE NAME:
CK GLOVER CREEK

PID NUMBER: 16735941

DRAWN BY: RC
CHECKED BY: PL
DATE: 03.14.24

SHEET TITLE:

PSC MAP

SHEET NUMBER:

PSC-2

MK PAD & CANOPY REV 3 FINAL 10/16/23

* ADJOINING LAND OWNERS LISTED ARE BASED ON PROPERTY VALUATION ADMINISTRATION ("PVA") RECORDS ISSUED BY A REPRESENTATIVE FROM METCALFE COUNTY, TO BE IN COMPLIANCE WITH ALL STATUTORY AND REGULATORY REQUIREMENTS BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION AND FOR TELECOMMUNICATION USE ONLY.

EXHIBIT C

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

Harmoni Towers, LLC
6210 Ardrey Kell Road, Suite 450
Charlotte NC 28277

June 17, 2024

Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602-0615

RE: Site Name – Glover Creek / KY0007088
Proposed Cell Tower
36.896157 North Latitude, 85.734385 West Longitude

Dear Commissioners:

The Construction Manager for the proposed new communications facility will be Josh Supak. His contact information is (681) 285-5620 or Josh.Supak@theipakcompanyllc.com.

Josh has been in the industry completing civil construction and constructing towers since 2000. He has worked at Harmoni Towers, LLC since 2019 providing construction management on New Site Build projects along with managing equipment upgrades and revisions on existing cell sites.

Thank you,



Josh Supak
Construction Manager – Indiana / Kentucky Markets
Harmoni Towers LLC
(681) 285 - 5620

GLOVER CREEK – List of Qualified Professionals

Dmitriy V. Albul
Licensed Professional Engineer
License #25093
Albul Engineering
3840 E. Robinson Road
Amherst, NY 14228

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

Josh Supak
Construction Manager – Indiana / Kentucky Markets
Harmoni Towers LLC
6210 Ardrey Kell Road, Suite 450
Charlotte, NC 28277

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

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



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

DATE: JULY 09, 2024

PURCHASER: HARMONI TOWERS

PROJECT: 250FT RTL SELF SUPPORT TOWER
GLOVERS CREEK, KY

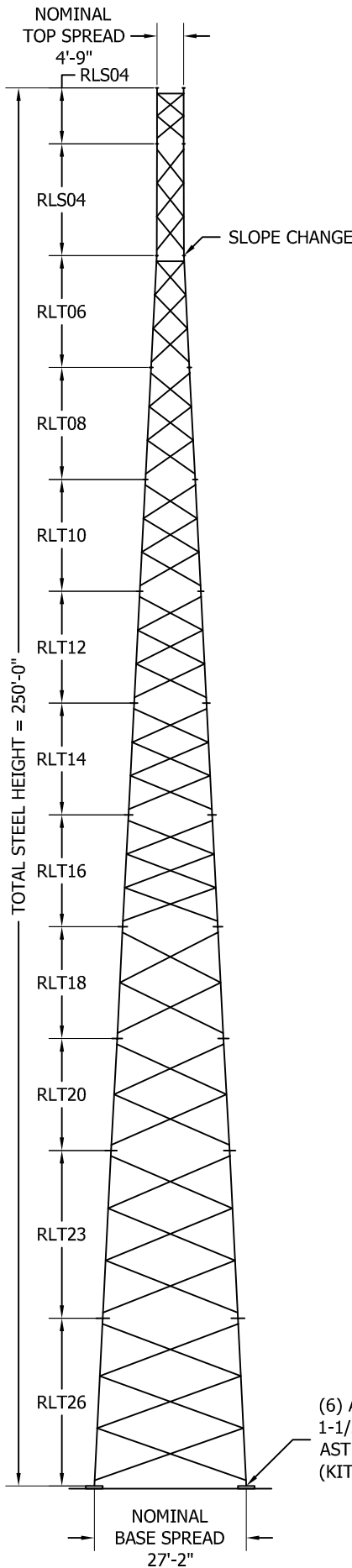
FILE NUMBER:246504

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

Allen Schneider

07/09/2024





GENERAL NOTES

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

MAXIMUM FACTORED REACTIONS	
COMPRESSION PER LEG =	339.8 KIPS
TENSION PER LEG =	291.6 KIPS
SHEAR PER LEG =	32.1 KIPS
TOTAL SHEAR =	52.8 KIPS
TOTAL O.T.M =	7,560.6 FT-KIPS

(6) ANCHOR BOLTS (18 TOTAL)
1-1/2" DIA. X 74" LONG
ASTM F1554 Gr. 105
(KIT P/N: 18K2716RTFST)

TOWER DESIGN LOADING

DESIGN WIND LOAD PER ANSI/TIA-222-H USING THE FOLLOWING DESIGN CRITERIA:
RISK CATEGORY: II
BASIC WIND SPEED (NO ICE): 105 MPH PER ASCE 7-16
BASIC WIND SPEED (W/ICE): 30 MPH PER ASCE 7-16
DESIGN ICE THICKNESS: 1.50 INCHES PER ASCE 7-16
GROUND ELEVATION, Z_s: 837 FT
EXPOSURE CATEGORY: C
TOPOGRAPHIC METHOD: 1, CATEGORY: 1
SEISMIC DESIGN PARAMETERS, S_s: 0.194, S₁: 0.108, T_L: 12, SITE CLASS: D

THIS STRUCTURE HAS BEEN DESIGNED TO SUPPORT THE FOLLOWING LOADS:

ELEVATION (FT)	ANTENNA LOADING	LINE SIZE (NOM)
TOP	BEACON & LIGHTNING ROD	(1) 0-3/4" CONDUIT
240	40,000 SQ-IN [278 SQFT] MAX EPA [K _A = 0.8]	(15) 1-5/8"
228	30,000 SQ-IN [209 SQFT] MAX EPA [K _A = 0.8]	(15) 1-5/8"
110	(1) 10FT HP DISH [AZ. 0 DEG][2 GHz]	(1) 1-5/8"

SECTION MAIN MEMBER SCHEDULE

SECTION	LEGS	DIAGONALS	HORIZONTALS
RLS04	PIPE 2.875x0.203	L1 3/4x1 3/4x1/8 (2)	L1 3/4x1 3/4x3/16 (1)
RLS04	PIPE 2.875x0.203	L1 3/4x1 3/4x3/16 (3)	N/A
RLT06	PIPE 3.500x0.300	L1 3/4x1 3/4x1/8 (3)	L1 3/4x1 3/4x3/16 (1)
RLT08	PIPE 4.500x0.337	L1 3/4x1 3/4x3/16 (3)	N/A
RLT10	PIPE 5.563x0.258	L2x2x1/8 (3)	N/A
RLT12	PIPE 5.563x0.375	L2 1/2x2 1/2x3/16 (3)	N/A
RLT14	PIPE 5.563x0.375	L2 1/2x2 1/2x3/16 (3)	N/A
RLT16	PIPE 5.563x0.375	L2 1/2x2 1/2x3/16 (3)	N/A
RLT18	PIPE 6.625x0.340	L3x3x3/16 (2)	N/A
RLT20	PIPE 6.625x0.432	L3x3x3/16 (2)	N/A
RLT23	PIPE 8.625x0.375	L3 1/2x3 1/2x1/4 (3)	N/A
RLT26	PIPE 8.625x0.375	L4x4x1/4 (3)	N/A

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

FILE NO. 246504

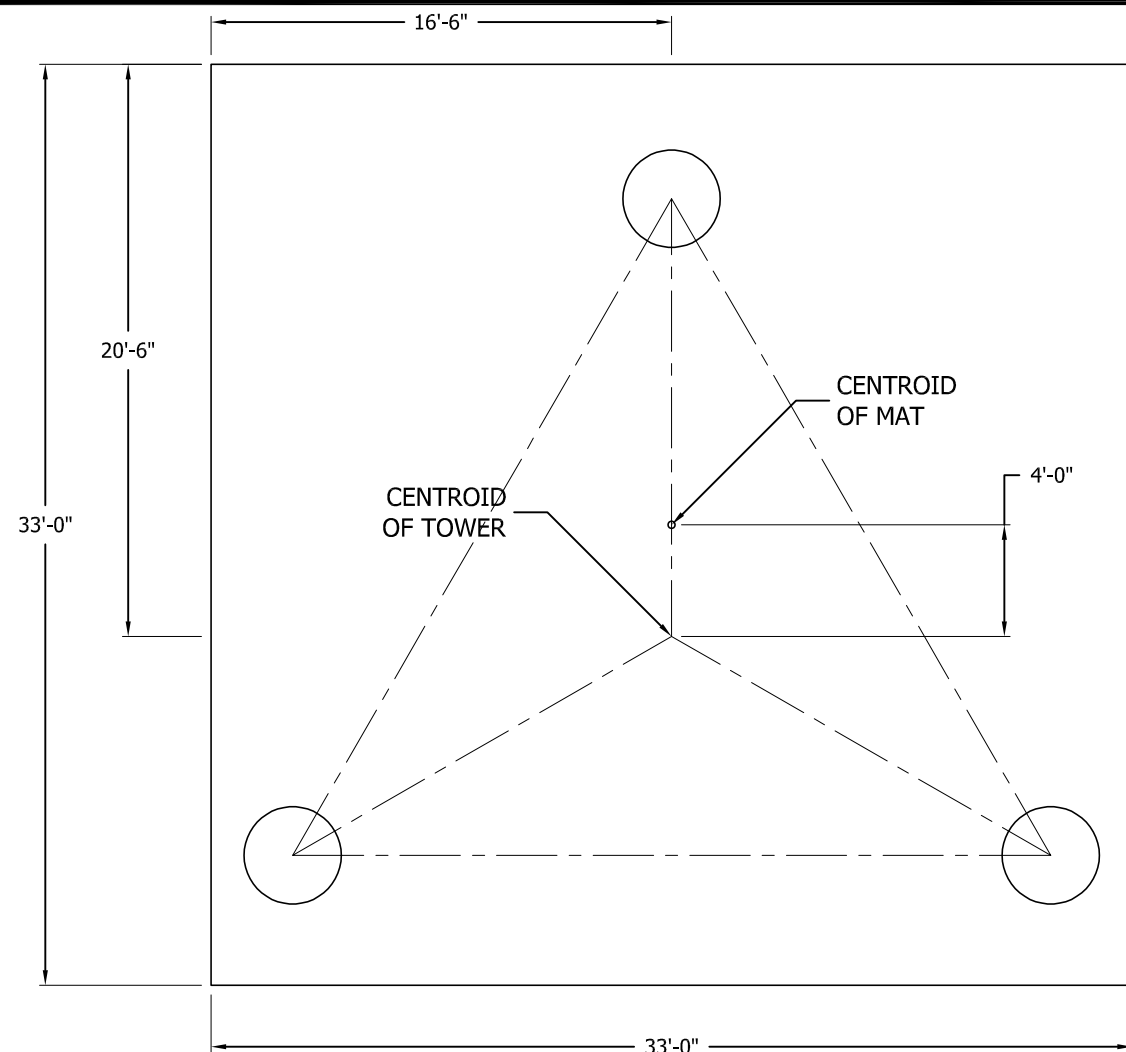
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP



THIS DRAWING IS THE PROPERTY OF ROHN. IT IS NOT TO BE REPRODUCED, COPIED OR TRACED IN WHOLE OR IN PART WITHOUT OUR WRITTEN CONSENT.

HARMONI TOWERS
DESIGN PROFILE
250 FT RTL TOWER
GLOVERS CREEK, KY

DWN: AS	CHK'D: SY	DATE: 07/08/2024
ENG'R: AS	SHEET #: 1 OF 1	
PRJ. ENGR: AS	PRJ. MANG'R:	
DRAWING NO: 246504-01-D1	REV: 0	



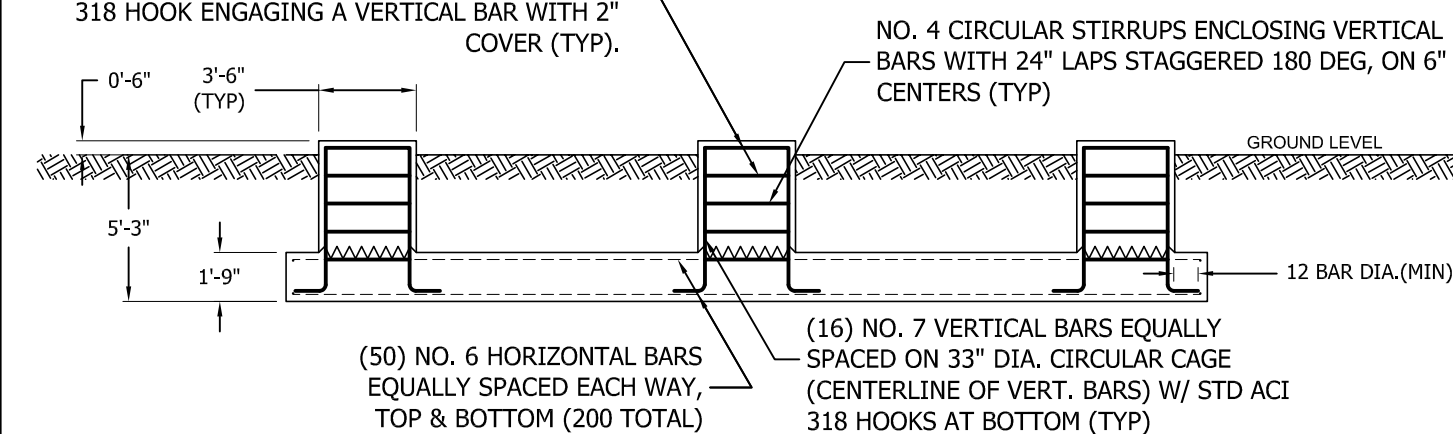
GENERAL NOTES

- 1 FOUNDATION DESIGN HAS BEEN DEVELOPED IN ACCORDANCE WITH GENERALLY ACCEPTED PROFESSIONAL ENGINEERING PRINCIPLES AND PRACTICES WITHIN THE LIMITS OF THE SUBSURFACE DATA PROVIDED. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT THE FOLLOWING DESIGN PARAMETERS ARE NOT APPLICABLE FOR THE SUBSURFACE CONDITIONS ENCOUNTERED.
 - A) ULTIMATE SOIL BEARING PRESSURE AT 5.25 FT DEPTH = 30,000 PSF.
 - B) GROUND WATER TABLE IS AT OR BELOW FOUNDATION DEPTH.
 - C) MAXIMUM FROST PENETRATION DEPTH LESS THAN FOUNDATION DEPTH.
- 2 WORK SHALL BE IN ACCORDANCE WITH THE PROJECT CONSTRUCTION DOCUMENTS, LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
- 3 CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
- 4 PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI IN 28 DAYS.
- 5 MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 3/4 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING. WORKABILITY AND METHODS OF CONSOLIDATION SUCH AS VIBRATING SHALL BE UTILIZED TO PREVENT HONEYCOMBS OR VOIDS.
- 6 REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SPLICES IN REINFORCEMENT SHALL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
- 7 WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
- 8 MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3 INCH MINIMUM COVER ON REINFORCEMENT.
- 9 CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES NOR BE LESS THAN 2 INCHES.
- 10 FOUNDATION DESIGN ASSUMES STRUCTURAL BACKFILL TO BE COMPACTED IN 8 INCH MAXIMUM LAYERS TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D1557. ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 110 POUNDS PER CUBIC FOOT.
- 11 FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT NO. **GEO20-21765-08** DATED **6/12/2024** BY **DELTA OAKS GROUP**.
- 12 FOUNDATION DEPTH INDICATED IS BASED ON THE GRADE LINE DESCRIBED IN THE REFERENCED GEOTECHNICAL REPORT. FOUNDATION MODIFICATION MAY BE REQUIRED IN THE EVENT CUT OR FILL OPERATIONS HAVE TAKEN PLACE SUBSEQUENT TO THE GEOTECHNICAL INVESTIGATION.
- 13 FOUNDATION DESIGN ASSUMES THE RECOMMENDATIONS IN THE REFERENCED GEOTECHNICAL REPORT CONCERNING VERIFICATION OF SUBSURFACE CONDITIONS ARE IMPLEMENTED PRIOR TO PLACEMENT OF CONCRETE.
- 14 FOUNDATION INSTALLATION SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
- 15 ALL CONSTRUCTION AND SAFETY EQUIPMENT AND TEMPORARY SUPPORTS REQUIRED FOR CONSTRUCTION SHALL BE DETERMINED, FURNISHED AND INSTALLED BY THE CONTRACTOR BASED ON THE MEANS AND METHODS CHOSEN BY THE CONTRACTOR. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED BY COMPETENT, QUALIFIED AND TRAINED PERSONNEL.
- 16 FOUNDATION DESIGN ASSUMES INSTALLATION PROCEDURES WILL INCORPORATE THE PROCEDURES RECOMMENDED IN THE REFERENCED GEOTECHNICAL REPORT.
- 17 FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
- 18 FOR FOUNDATION AND ANCHOR TOLERANCES SEE ANCHOR ROD LAYOUT DRAWING.
- 19 LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. SIDES OF EXCAVATION SHALL BE ROUGH AND FREE OF LOOSE CUTTINGS.
- 20 CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
- 21 CONCRETE PREFERABLY SHALL BE PLACED AGAINST UNDISTURBED SOIL. WHEN FORMS ARE NECESSARY, THEY SHALL BE REMOVED PRIOR TO PLACING STRUCTURAL BACKFILL.
- 22 CONSTRUCTION JOINTS, IF REQUIRED AT THE BASE OF THE PIERS, SHALL BE INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 1/4 INCH. FOUNDATION DESIGN ASSUMES NO OTHER CONSTRUCTION JOINTS.
- 23 TOP OF FOUNDATION SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH.
- 24 EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" X 3/4" MINIMUM.

FILE NO.	246504		
REVISIONS			
REV.	DESCRIPTION	DWN	CHK APP

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

PLAN VIEW



ELEVATION VIEW

FACTORED REACTIONS

Maximum O.T.M =	7,560.6 FT-K
Total Tower Wt =	51.1 KIPS
Total Shear =	52.8 KIPS
Max. Shear/Leg =	32.0 KIPS
Max. Ten./Leg =	291.6 KIPS
Max. Comp./Leg =	339.8 KIPS

CONCRETE VOLUME

ROUND PIERS	4.3 CU.YDS
PAD	70.6 CU.YDS
TOTAL	74.9 CU.YDS



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PEORIA, IL 61601-5999
TOLL FREE 800-727-ROHN

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HARMONI TOWERS
MAT W/RAISED PIERS
FOUNDATION DESIGN
GLOVERS CREEK, KY

DWN:	AS	CHK'D:	SY	DATE:	07/09/2024
ENG'R:	AS	SHEET #:		1 OF 1	
PRJ. ENG'R:	AS	PRJ. MANG'R:			
DRAWING NO:				REV:	
246504-01-F1				0	



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File: J:\2024\246504\ENGINEERING\246504.out
 Contract: 246504
 Project: 250 FT RTL TOWER
 Date and Time: 7/8/2024 11:01:40 AM

Revision: 0
 Site: GLOVERS CREEK- KY
 Engineer: AS

Section A: PROJECT DATA

ENGINEERING
 CHECKED BY: SY
 07/09/2024

Project Title: 250 FT RTL TOWER
 Customer Name: HARMONI TOWERS
 Site: GLOVERS CREEK- KY
 Contract No.: 246504
 Revision: 0
 Engineer: AS
 Date: Jul 8 2024
 Time: 11:00:12 AM

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

GENERAL DESIGN CONDITIONS

Start wind direction: 0.00 (Deg)
 End wind direction: 330.00 (Deg)
 Increment wind direction: 30.00 (Deg)
 Elevation above ground: 0.00 (ft)
 Mean elevation of base of structure above sea level Zs: 837.00 (ft)
 Rooftop wind speed-up factor Ks: 1.00
 Gust Response Factor Gh: 0.85
 Risk category: II
 Exposure category: C
 Topographic category: 1
 Material Density: 490.1 (lbs/ft^3)
 Young's Modulus: 29000.0 (ksi)
 Poisson Ratio: 0.30
 Weight Multiplier: 1.25
 Minimum Bracing Resistance as per 4.4.1

WIND ONLY CONDITIONS:
 Basic Wind Speed (No Ice): 105.00 (mph)
 Directionality Factor Kd: 0.85
 Importance Factor I: 1.00
 Wind Load Factor: 1.00
 Dead Load Factor: 1.20
 Dead Load Factor for Uplift: 0.90

WIND AND ICE CONDITIONS:
 Basic Wind Speed (With Ice): 30.00 (mph)
 Directionality Factor Kd: 0.85
 Wind Load Importance Factor Iw: 1.00
 Ice Thickness Importance Factor Ii: 1.00
 Ice Thickness: 1.50 (in)
 Ice Density: 56.19 (lbs/ft^3)
 Wind Load Factor: 1.00
 Dead Load Factor: 1.20
 Ice Load Factor: 1.00

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

EARTHQUAKE CONDITIONS:
 Site class definition: D
 Spectral response acceleration Ss: 0.194
 Spectral response acceleration Sl: 0.108
 Long-period transition period TL: 12.000



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Project: 250 FT RTL TOWER

Date and Time: 7/8/2024 11:01:40 AM

Revision: 0

Site: GLOVERS CREEK- KY

Engineer: AS

Accelaration-based site coefficient Fa: 1.600
Velocity-based site coefficient Fv: 2.384
Design spectral response acceleration Sds: 0.207
Design spectral response acceleration Sd1: 0.172
Seismic analysis method: 1
Fundamental frequency of structure f1: 0.752
Total seismic shear Vs (Kips) : 2.20

Analysis performed using: TowerSoft Finite Element Analysis Program

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Contract: 246504

Project: 250 FT RTL TOWER

Date and Time: 7/8/2024 11:01:40 AM

Revision: 0

Site: GLOVERS CREEK- KY

Engineer: AS

Section B: STRUCTURE GEOMETRY

TOWER GEOMETRY

Cross-Section	Height (ft)	Tot Height (ft)	# of Section	Bot Width (in)	Top Width (in)
Triangular	250.00	290.00	12	325.97	56.99

SECTION GEOMETRY

Sec #	Sec. Name	Elevation		Widths		Legs (lbs)	Brcg. (lbs)	Masses			Brcg. Clear. (in)	
		Bottom (ft)	Top (ft)	Bottom (in)	Top (in)			Sec.Brc (lbs)	Int.Brc (lbs)	Sect. (lbs)		Database (lbs)
12	RLS04*	240.00	250.00	57	57	217	186	0	0	403	0	0.787
11	RLS04	220.00	240.00	58	57	437	389	0	0	826	0	0.787
10	RLT06*	200.00	220.00	82	58	772	324	0	0	1095	0	0.787
9	RLT08	180.00	200.00	107	82	1127	491	0	0	1619	0	0.787
8	RLT10	160.00	180.00	131	107	1099	440	0	0	1539	0	0.787
7	RLT12	140.00	160.00	155	131	1562	943	0	0	2505	0	0.787
6	RLT14*	120.00	140.00	179	155	1562	1066	0	0	2628	0	0.787
5	RLT16*	100.00	120.00	204	179	1562	1194	0	0	2756	0	0.787
4	RLT18*	80.00	100.00	228	204	1714	1147	0	0	2861	0	0.787
3	RLT20*	60.00	80.00	254	228	2151	1249	0	0	3399	0	0.787
2	RLT23*	30.00	60.00	290	254	3722	3207	0	0	6929	0	0.787
1	RLT26*	0.00	30.00	326	290	3722	4094	0	0	7816	0	0.787
Total Mass:						19648	14729	0	0	34377	0	

PANEL GEOMETRY

Sec#	Pnl#	Type	SecBrcg	Mid. Continuous	Horiz	Height (ft)	Bottom Width (in)	Top Width (in)	Plan Bracing	Hip Bracing	Gusset Plate Area (ft^2)	Gusset Plate Weight (lbs)
12	2	X	(None)		Yes	5.0	57.0	57.0	(None)	(None)	0.000	0.00
12	1	X	(None)		None	5.0	57.0	57.0	(None)	(None)	0.000	0.00
11	3	X	(None)		None	6.7	57.2	57.0	(None)	(None)	0.300	0.30
11	2	X	(None)		None	6.7	57.4	57.2	(None)	(None)	0.300	0.30
11	1	X	(None)		None	6.7	57.5	57.4	(None)	(None)	0.300	0.30
10	3	X	(None)		Yes	6.7	65.8	57.5	(None)	(None)	0.000	0.00
10	2	X	(None)		None	6.7	74.1	65.8	(None)	(None)	0.000	0.00
10	1	X	(None)		None	6.7	82.4	74.1	(None)	(None)	0.000	0.00
9	3	X	(None)		None	6.7	90.7	82.4	(None)	(None)	0.000	0.00
9	2	X	(None)		None	6.7	99.0	90.7	(None)	(None)	0.000	0.00
9	1	X	(None)		None	6.7	107.3	99.0	(None)	(None)	0.000	0.00
8	3	X	(None)		None	6.7	115.3	107.3	(None)	(None)	0.000	0.00
8	2	X	(None)		None	6.7	123.3	115.3	(None)	(None)	0.000	0.00
8	1	X	(None)		None	6.7	131.3	123.3	(None)	(None)	0.000	0.00
7	3	X	(None)		None	6.7	139.3	131.3	(None)	(None)	0.000	0.00
7	2	X	(None)		None	6.7	147.3	139.3	(None)	(None)	0.000	0.00
7	1	X	(None)		None	6.7	155.3	147.3	(None)	(None)	0.000	0.00
6	3	X	(None)		None	6.7	163.3	155.3	(None)	(None)	0.300	0.00
6	2	X	(None)		None	6.7	171.3	163.3	(None)	(None)	0.300	0.00
6	1	X	(None)		None	6.7	179.3	171.3	(None)	(None)	0.300	0.00
5	3	X	(None)		None	6.7	187.6	179.3	(None)	(None)	0.000	0.00
5	2	X	(None)		None	6.7	195.9	187.6	(None)	(None)	0.000	0.00
5	1	X	(None)		None	6.7	204.2	195.9	(None)	(None)	0.000	0.00
4	2	X	(None)		None	10.0	216.2	204.2	(None)	(None)	0.000	0.00
4	1	X	(None)		None	10.0	228.2	216.2	(None)	(None)	0.000	0.00
3	2	X	(None)		None	10.0	241.1	228.2	(None)	(None)	0.000	0.00
3	1	X	(None)		None	10.0	254.0	241.1	(None)	(None)	0.000	0.00
2	3	X	(None)		None	10.0	266.0	254.0	(None)	(None)	0.000	0.00
2	2	X	(None)		None	10.0	278.0	266.0	(None)	(None)	0.000	0.00
2	1	X	(None)		None	10.0	290.0	278.0	(None)	(None)	0.000	0.00
1	3	X	(None)		None	10.0	302.0	290.0	(None)	(None)	0.000	0.00
1	2	X	(None)		None	10.0	314.0	302.0	(None)	(None)	0.000	0.00

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Site: GLOVERS CREEK- KY

Engineer: AS

1	1	X	(None)	None	10.0	326.0	314.0	(None)	(None)	0.000	0.00	
MEMBER PROPERTIES												
Sec/	Type	Description	Steel	Conn.	Bolt	Bolt	End	Edge	Gusset	Gusset	Bolt	Dble
Member			Grade	Type	#-Size	Grade	Dist.	Dist.	Thick.	Grade	Space	Mem.
Pnl												
Spacing												
Stitch												
Bolt					(in)		(in)	(in)	(in)		(in)	(in)
(ft)												
12/2	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.625	A325X						
12/2	Diag	L1 3/4x1 3/4x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
12/2	Horiz	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
12/1	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.625	A325X						
12/1	Diag	L1 3/4x1 3/4x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
11/3	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
11/3	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
11/2	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
11/2	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
11/1	Leg	PIPE 2.875x0.203	A500	gr.CSTension	4-0.750	A325X						
11/1	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
10/3	Leg	PIPE 3.500x0.300	A500	gr.CSTension	5-0.875	A325X						
10/3	Diag	L1 3/4x1 3/4x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
10/3	Horiz	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
10/2	Leg	PIPE 3.500x0.300	A500	gr.CSTension	5-0.875	A325X						
10/2	Diag	L1 3/4x1 3/4x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
10/1	Leg	PIPE 3.500x0.300	A500	gr.CSTension	5-0.875	A325X						
10/1	Diag	L1 3/4x1 3/4x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
9/3	Leg	PIPE 4.500x0.337	A500	gr.CSTension	5-1.000	A325X						
9/3	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
9/2	Leg	PIPE 4.500x0.337	A500	gr.CSTension	5-1.000	A325X						
9/2	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
9/1	Leg	PIPE 4.500x0.337	A500	gr.CSTension	5-1.000	A325X						
9/1	Diag	L1 3/4x1 3/4x3/16	A529	gr.50Bolted	1-0.625	A325X	1.500	0.875	0.250	A572	gr.50	2.000
8/3	Leg	PIPE 5.563x0.258	A500	gr.CSTension	5-1.000	A325X						
8/3	Diag	L2x2x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
8/2	Leg	PIPE 5.563x0.258	A500	gr.CSTension	5-1.000	A325X						
8/2	Diag	L2x2x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000
8/1	Leg	PIPE 5.563x0.258	A500	gr.CSTension	5-1.000	A325X						
8/1	Diag	L2x2x1/8	A529	gr.50Bolted	1-0.625	A325X	1.500	1.000	0.250	A572	gr.50	2.000

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



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 Engineer: AS

Section C: ANTENNA DATA

Structure Azimuth from North: 0

ANTENNAS

Ant No.	Elev. (ft)	Antenna (#) Type	Ant. Azim.	Mount. Radius (ft)	Mount Type	Mount Azim.	Tx Line (#) Type	Mounting Pipe Size (in)	Length (ft)	Ka
1	110.00	(1) HP10 Vert. Offset	0.00	10.00		0			Full Shielded	

ANTENNA AND MOUNT WIND AREAS AND WEIGHTS

Ant No.	Antenna/Mount	Frontal Bare Area (ft) ²	Lateral Bare Area (ft) ²	Frontal Iced Area (ft) ²	Lateral Iced Area (ft) ²	Weight Bare (lbs)	Weight Iced (lbs)	Frequency (GHz)	Allowable Signal Loss (dB)	Gh Mount Ka
1	HP10	106.51	7.42	106.51	7.42	540.12	2951.49	2.00	10	0.85



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Section D: TRANSMISSION LINE DATA

Transmission Lines Position

No.	Bot El (ft)	Top El (ft)	Desc.	Radius (ft)	Az.	Orient.	No.	No. of Rows	Vert.	Antenna	User Ka
1	0.00	250.00	3/8 CABLE	17.00	0.00	0.00	1	1	No		
2	0.00	250.00	RC0.75-Cnd	13.67	60.00	5.00	1	1	No		
3	0.00	240.00	TX Ladder	9.05	60.00	30.00	1	1	No		
4	0.00	240.00	LDF7P-50A	9.05	60.00	30.00	15	2	No		
5	0.00	228.00	TX Ladder	9.05	180.00	150.00	1	1	No		
6	110.00	228.00	LDF7P-50A	5.33	180.00	150.00	15	2	No		
7	0.00	110.00	LDF7P-50A	9.05	180.00	150.00	16	2	No		

Transmission Lines Details

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

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Section F: POINT LOAD DATA

Structure Azimuth from North:0.00

POINT LOADS

No.	Description	Elev. (ft)	Radius (ft)	Azim. (Deg)	Orient. (Deg)	Vertical Offset (ft)	Tx Line	Comments
1	BEACON & LR	250.00	1.00	0.0	0.0	0.00		
2	40,000 SQ-IN MAX EPA	240.00	0.00	0.0	0.0	0.00		
3	30,000 SQ-IN MAX EPA	228.00	0.00	0.0	0.0	0.00		

POINT LOADS WIND AREAS AND WEIGHTS

No.	Description	Frontal Bare Area (ft^2)	Lateral Bare Area (ft^2)	Frontal Iced Area (ft^2)	Lateral Iced Area (ft^2)	Weight Bare (Kips)	Weight Iced (Kips)	Gh
1	BEACON & LR	5.00	5.00	10.00	10.00	0.25	0.50	0.85
2	40,000 SQ-IN MAX EPA	222.22	222.22	444.44	444.44	4.00	12.00	0.85
3	30,000 SQ-IN MAX EPA	166.67	166.67	333.33	333.33	3.00	9.00	0.85



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Section H: STRUCTURE DISPLACEMENT DATA

Load Combination Wind Only - Serviceability

Wind Direction Maximum displacements

Node	Elev. (ft)	N-S Disp (in)	W-E Disp (in)	Vert.Disp (in)	N-S Rot (Deg)	W-E Rot (Deg)	Twist (Deg)
102	250.0	13.1	12.3	-0.1	0.57	0.54	-0.02
99	245.0	12.5	11.8	-0.1	0.56	0.54	0.02
96	240.0	11.9	11.2	-0.1	0.58	0.55	0.03
93	233.3	11.1	10.4	-0.1	0.56	0.54	0.02
90	226.7	10.4	9.7	-0.1	0.54	0.51	0.01
87	220.0	9.6	9.0	-0.1	0.51	0.49	-0.02
84	213.3	8.9	8.3	-0.1	0.48	0.45	0.01
81	206.7	8.2	7.7	-0.1	0.45	0.42	-0.02
78	200.0	7.6	7.1	-0.1	0.41	0.39	0.01
75	193.3	7.0	6.5	-0.1	0.40	0.37	-0.02
72	186.7	6.5	6.0	-0.1	0.37	0.35	0.01
69	180.0	6.0	5.5	-0.1	0.35	0.33	-0.01
66	173.3	5.5	5.0	-0.1	0.33	0.31	0.01
63	166.7	5.0	4.6	-0.1	0.31	0.29	-0.01
60	160.0	4.6	4.2	-0.1	0.29	0.27	0.01
57	153.3	4.2	3.8	-0.1	0.27	0.25	-0.01
54	146.7	3.8	3.5	-0.1	0.26	0.24	0.01
51	140.0	3.4	3.1	-0.1	0.24	0.23	-0.01
48	133.3	3.1	2.8	-0.1	0.23	0.21	0.01
45	126.7	2.8	2.5	-0.1	0.21	0.20	-0.01
42	120.0	2.5	2.2	-0.1	0.20	0.19	0.01
39	113.3	2.2	2.0	-0.1	0.19	0.17	-0.01
36	106.7	1.9	1.7	-0.1	0.18	0.16	0.01
33	100.0	1.7	1.5	-0.1	0.15	0.14	0.01
30	90.0	1.3	1.2	-0.1	0.13	0.12	0.01
27	80.0	1.1	1.0	0.0	0.12	0.11	0.01
24	70.0	0.8	0.7	0.0	0.10	0.09	0.00
21	60.0	0.6	0.6	0.0	0.08	0.08	0.00
18	50.0	0.4	0.4	0.0	0.07	0.06	0.00
15	40.0	0.3	0.3	0.0	0.06	0.05	0.00
12	30.0	0.2	0.2	0.0	0.04	0.04	0.00
9	20.0	0.1	0.1	0.0	0.03	0.03	0.00
6	10.0	0.0	0.0	0.0	0.01	-0.01	0.00
3	0.0	0.0	0.0	0.0	0.00	0.00	0.00



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Section J: ANTENNA DISPLACEMENT DATA

Load Combination Wind Only - Serviceability

Wind Direction Maximum displacements

Ant.	Elev. (ft)	N-S Disp (in)	W-E Disp (in)	Vert.Disp (in)	N-S Rot (Deg)	W-E Rot (Deg)	Twist Tot (Deg)	Allow. (Deg)
1	110.00	2.0	1.9	-0.1	0.18	0.17	-0.01	2.66

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Section L: STRENGTH ASSESSMENT SORTED DATA

Load Combination	Max Envelope										
Wind Direction	Maximum										
Sec	Pnl	Elev.	MType	Desc.	Len	kl/r	Gov.	Gov.	Max	Max	Asses.
		(ft)			(ft)		comp.	tens.	Compr.	Tens.	Ratio
							cap.	cap.	(Kips)	(Kips)	
							(Kips)	(Kips)			
12	2	245.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	0.8	0.8	0.01
12	1	240.00	Leg	PIPE 2.875x0.203	5.00	63.4	57.1	76.5	1.2	0.0	0.02
11	3	233.33	Leg	PIPE 2.875x0.203	6.67	84.5	45.4	76.5	8.1	4.9	0.18
11	2	226.67	Leg	PIPE 2.875x0.203	6.67	84.5	45.4	76.5	24.5	19.8	0.54
11	1	220.00	Leg	PIPE 2.875x0.203	6.67	84.5	45.4	76.5	41.9	35.6	0.92
10	3	213.33	Leg	PIPE 3.500x0.300	6.68	70.3	94.7	135.9	62.6	55.5	0.66
10	2	206.67	Leg	PIPE 3.500x0.300	6.68	70.3	94.7	135.9	77.6	69.5	0.82
10	1	200.00	Leg	PIPE 3.500x0.300	6.68	70.3	94.7	135.9	89.1	80.6	0.94
9	3	193.33	Leg	PIPE 4.500x0.337	6.68	54.2	160.1	198.4	100.6	91.2	0.63
9	2	186.67	Leg	PIPE 4.500x0.337	6.68	54.2	160.1	198.4	110.1	100.1	0.69
9	1	180.00	Leg	PIPE 4.500x0.337	6.68	54.2	160.1	198.4	119.8	108.8	0.75
8	3	173.33	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	128.4	116.8	0.76
8	2	166.67	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	137.2	124.7	0.81
8	1	160.00	Leg	PIPE 5.563x0.258	6.68	42.6	169.4	193.5	145.5	132.2	0.86
7	3	153.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	153.8	139.5	0.64
7	2	146.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	161.7	146.5	0.68
7	1	140.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	169.8	153.5	0.71
6	3	133.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	177.6	160.2	0.74
6	2	126.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	185.5	166.9	0.78
6	1	120.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.4	275.0	193.2	173.5	0.81
5	3	113.33	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	200.8	179.9	0.84
5	2	106.67	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	208.4	186.2	0.87
5	1	100.00	Leg	PIPE 5.563x0.375	6.68	43.6	239.3	275.0	216.4	192.9	0.90
4	2	90.00	Leg	PIPE 6.625x0.340	10.02	54.0	244.0	302.1	226.7	201.6	0.93
4	1	80.00	Leg	PIPE 6.625x0.340	10.02	54.0	244.0	302.1	238.9	211.8	0.98
3	2	70.00	Leg	PIPE 6.625x0.432	10.02	54.6	304.2	378.5	250.9	221.6	0.82
3	1	60.00	Leg	PIPE 6.625x0.432	10.02	54.6	304.2	378.5	262.3	230.7	0.86
2	3	50.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	274.0	240.0	0.71
2	2	40.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	285.9	249.3	0.74
2	1	30.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	298.3	259.2	0.77
1	3	20.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	310.2	268.7	0.80
1	2	10.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	322.4	278.2	0.83
1	1	0.00	Leg	PIPE 8.625x0.375	10.02	41.2	386.4	437.4	334.3	287.4	0.87
12	2	245.00	Diag	L1 3/4x1 3/4x1/8	6.90	106.6	10.6	7.1	0.9	0.7	0.11
12	1	240.00	Diag	L1 3/4x1 3/4x1/8	6.90	106.6	10.6	7.1	0.8	1.0	0.14
11	3	233.33	Diag	L1 3/4x1 3/4x3/16	8.19	125.4	11.3	10.7	4.7	4.4	0.42
11	2	226.67	Diag	L1 3/4x1 3/4x3/16	8.20	125.6	11.2	10.7	5.3	5.5	0.51
11	1	220.00	Diag	L1 3/4x1 3/4x3/16	8.21	125.8	11.2	10.7	8.4	8.1	0.76
10	3	213.33	Diag	L1 3/4x1 3/4x1/8	8.42	133.4	6.8	7.1	5.4	5.3	0.80
10	2	206.67	Diag	L1 3/4x1 3/4x1/8	8.86	141.7	6.0	7.1	4.8	4.9	0.80
10	1	200.00	Diag	L1 3/4x1 3/4x1/8	9.33	150.3	5.3	7.1	4.5	4.4	0.85
9	3	193.33	Diag	L1 3/4x1 3/4x3/16	9.82	161.8	6.8	10.7	4.2	4.3	0.62
9	2	186.67	Diag	L1 3/4x1 3/4x3/16	10.34	171.5	6.0	10.7	4.2	4.1	0.69
9	1	180.00	Diag	L1 3/4x1 3/4x3/16	10.88	181.3	5.4	10.7	4.0	4.1	0.75
8	3	173.33	Diag	L2x2x1/8	11.43	160.4	5.3	7.9	4.2	4.2	0.79
8	2	166.67	Diag	L2x2x1/8	11.97	168.9	4.8	7.9	4.2	4.2	0.88
8	1	160.00	Diag	L2x2x1/8	12.53	177.5	4.4	7.9	4.3	4.3	0.98
7	3	153.33	Diag	L2 1/2x2 1/2x3/16	13.10	151.7	11.2	14.1	4.4	4.4	0.39
7	2	146.67	Diag	L2 1/2x2 1/2x3/16	13.68	158.9	10.2	14.1	4.5	4.4	0.44
7	1	140.00	Diag	L2 1/2x2 1/2x3/16	14.27	166.2	9.3	14.1	4.6	4.6	0.49
6	3	133.33	Diag	L2 1/2x2 1/2x3/16	14.86	173.6	8.6	14.1	4.7	4.7	0.55
6	2	126.67	Diag	L2 1/2x2 1/2x3/16	15.46	181.1	7.9	14.1	4.8	4.9	0.62
6	1	120.00	Diag	L2 1/2x2 1/2x3/16	16.06	188.6	7.2	14.1	5.0	5.0	0.69
5	3	113.33	Diag	L2 1/2x2 1/2x3/16	16.68	177.3	8.2	18.8	4.9	4.9	0.60

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5	2	106.67	Diag	L2 1/2x2 1/2x3/16	17.32	183.3	7.7	18.8	5.6	5.7	0.73
5	1	100.00	Diag	L2 1/2x2 1/2x3/16	17.96	189.3	7.2	18.8	6.3	6.3	0.87
4	2	90.00	Diag	L3x3x3/16	20.18	179.1	9.7	21.1	7.2	7.2	0.74
4	1	80.00	Diag	L3x3x3/16	21.05	186.0	9.0	21.1	7.3	7.3	0.81
3	2	70.00	Diag	L3x3x3/16	21.97	193.5	8.3	21.1	6.9	6.9	0.83
3	1	60.00	Diag	L3x3x3/16	22.93	201.0	7.7	21.1	7.1	7.0	0.92
2	3	50.00	Diag	L3 1/2x3 1/2x1/4	23.86	180.6	14.8	31.1	7.8	7.8	0.53
2	2	40.00	Diag	L3 1/2x3 1/2x1/4	24.77	186.8	13.9	31.1	8.1	8.0	0.58
2	1	30.00	Diag	L3 1/2x3 1/2x1/4	25.69	192.9	13.0	31.1	8.3	8.2	0.64
1	3	20.00	Diag	L4x4x1/4	26.62	175.5	18.0	34.1	8.5	8.4	0.47
1	2	10.00	Diag	L4x4x1/4	27.55	180.9	17.0	34.1	8.6	8.6	0.51
1	1	0.00	Diag	L4x4x1/4	28.48	186.3	16.0	34.1	8.8	8.8	0.55
12	2	245.00	Horiz	L1 3/4x1 3/4x3/16	4.75	145.7	8.4	10.7	0.6	0.7	0.07
10	3	213.33	Horiz	L1 3/4x1 3/4x3/16	4.79	145.5	8.4	10.7	0.8	0.7	0.09

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Section M: SECTION PROPERTIES DATA

Sec	Pan	Memb. Type	Steel Grade	Conn. Type	Bolts Bolts	Bolt Size (in)	Bolt Grade	End Dist. (in)	Gusset Thick. (in)	kl/r	Comp Cap. (Kips)	Tens Cap. (Kips)	Bolt Cap. (Kips)	Bear. Cap. (Kips)	Block Shear (Kips)
12	2	Leg	A500 gr.CS	Tension	4	0.625	A325X	0.938	N/A	63.4	57.1	76.5	82.3T	N/A	N/A
12	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	106.6	10.6	11.9	17.2S	9.8	7.1
12	2	Horiz	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	145.7	8.4	17.4	17.2S	14.7	10.7
12	1	Leg	A500 gr.CS	Tension	4	0.625	A325X	0.938	N/A	63.4	57.1	76.5	82.3T	N/A	N/A
12	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	106.6	10.6	11.9	17.2S	9.8	7.1
11	3	Leg	A500 gr.CS	Tension	4	0.750	A325X	1.125	N/A	84.5	45.4	76.5	121.7T	N/A	N/A
11	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	125.4	11.3	17.4	17.2S	14.7	10.7
11	2	Leg	A500 gr.CS	Tension	4	0.750	A325X	1.125	N/A	84.5	45.4	76.5	121.7T	N/A	N/A
11	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	125.6	11.2	17.4	17.2S	14.7	10.7
11	1	Leg	A500 gr.CS	Tension	4	0.750	A325X	1.125	N/A	84.5	45.4	76.5	121.7T	N/A	N/A
11	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	125.8	11.2	17.4	17.2S	14.7	10.7
10	3	Leg	A500 gr.CS	Tension	5	0.875	A325X	1.313	N/A	70.3	94.7	135.9	209.9T	N/A	N/A
10	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	133.4	6.8	11.9	17.2S	9.8	7.1
10	3	Horiz	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	145.5	8.4	17.4	17.2S	14.7	10.7
10	2	Leg	A500 gr.CS	Tension	5	0.875	A325X	1.313	N/A	70.3	94.7	135.9	209.9T	N/A	N/A
10	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	141.7	6.0	11.9	17.2S	9.8	7.1
10	1	Leg	A500 gr.CS	Tension	5	0.875	A325X	1.313	N/A	70.3	94.7	135.9	209.9T	N/A	N/A
10	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	150.3	5.3	11.9	17.2S	9.8	7.1
9	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	54.2	160.1	198.4	275.3T	N/A	N/A
9	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	161.8	6.8	17.4	17.2S	14.7	10.7
9	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	54.2	160.1	198.4	275.3T	N/A	N/A
9	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	171.5	6.0	17.4	17.2S	14.7	10.7
9	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	54.2	160.1	198.4	275.3T	N/A	N/A
9	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	181.3	5.4	17.4	17.2S	14.7	10.7
8	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
8	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	160.4	5.3	14.1	17.2S	9.8	7.9
8	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
8	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	168.9	4.8	14.1	17.2S	9.8	7.9
8	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	42.6	169.4	193.5	275.3T	N/A	N/A
8	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	177.5	4.4	14.1	17.2S	9.8	7.9
7	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
7	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	151.7	11.2	27.7	17.2S	14.7	14.1
7	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
7	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	158.9	10.2	27.7	17.2S	14.7	14.1
7	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
7	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	166.2	9.3	27.7	17.2S	14.7	14.1
6	3	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
6	3	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	173.6	8.6	27.7	17.2S	14.7	14.1
6	2	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
6	2	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	181.1	7.9	27.7	17.2S	14.7	14.1
6	1	Leg	A500 gr.CS	Tension	5	1.000	A325X	1.500	N/A	43.6	239.4	275.0	275.3T	N/A	N/A
6	1	Diag	A529 gr.50	Bolted	1	0.625	A325X	1.500	0.250	188.6	7.2	27.7	17.2S	14.7	14.1
5	3	Leg	A500 gr.CS	Tension	6	1.000	A325X	1.500	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
5	3	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	177.3	8.2	27.7	34.5S	25.7	18.8
5	2	Leg	A500 gr.CS	Tension	6	1.000	A325X	1.500	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
5	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	183.3	7.7	27.7	34.5S	25.7	18.8
5	1	Leg	A500 gr.CS	Tension	6	1.000	A325X	1.500	N/A	43.6	239.3	275.0	330.3T	N/A	N/A
5	1	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	189.3	7.2	27.7	34.5S	25.7	18.8
4	2	Leg	A500 gr.CS	Tension	6	1.000	A325X	1.500	N/A	54.0	244.0	302.1	330.3T	N/A	N/A
4	2	Diag	A529 gr.50	Bolted	2	0.625	A325X	1.125	0.375	179.1	9.7	34.6	34.5S	25.7	21.1

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Contract: 246504

Project: 250 FT RTL TOWER

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Revision: 0

Site: GLOVERS CREEK- KY

Engineer: AS

4	1	Leg	A500	gr.CS	Tension	6	1.000	A325X	1.500	N/A	54.0	244.0	302.1	330.3T	N/A	N/A
4	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	186.0	9.0	34.6	34.5S	25.7	21.1
3	2	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	54.6	304.2	378.5	765.3T	N/A	N/A
3	2	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	193.5	8.3	34.6	34.5S	25.7	21.1
3	1	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	54.6	304.2	378.5	765.3T	N/A	N/A
3	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	201.0	7.7	34.6	34.5S	25.7	21.1
2	3	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	3	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	180.6	14.8	54.8	34.5S	34.1	31.1
2	2	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	2	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	186.8	13.9	54.8	34.5S	34.1	31.1
2	1	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
2	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	192.9	13.0	54.8	34.5S	34.1	31.1
1	3	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
1	3	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	175.5	18.0	63.9	34.5S	34.1	34.2
1	2	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
1	2	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	180.9	17.0	63.9	34.5S	34.1	34.2
1	1	Leg	A500	gr.CS	Tension	6	1.500	A325X	2.250	N/A	41.2	386.4	437.4	765.3T	N/A	N/A
1	1	Diag	A529	gr.50	Bolted	2	0.625	A325X	1.125	0.375	186.3	16.0	63.9	34.5S	34.1	34.2



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Revision: 0
 Site: GLOVERS CREEK- KY
 Engineer: AS

Section N: LEG REACTION DATA

Load Combination	Max Envelope				
Wind Direction	Maximum				
	Force-Y Download (Kips)	Force-Y Uplift (Kips)	Shear-X (Kips)	Shear-Z (Kips)	Max Shear (Kips)
	339.83	291.62			32.07



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Section O: TOWER FOUNDATION DATA

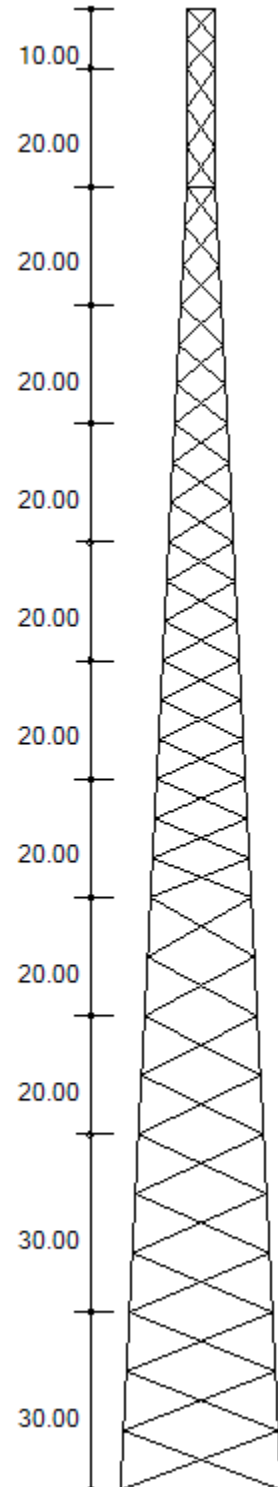
Load Combination		Max Envelope					
Wind Direction		Maximum					
Axial Load (Kips)	Shear Load-X (Kips)	Shear Load-Z (Kips)	Total Shear (Kips)	Moment-X (Kipsft)	Moment-Y (Kipsft)	Moment-Z (Kipsft)	Total Moment (Kipsft)
46.06	46.22	25.58	52.83	3698.03	0.74	-6594.49	7560.60
46.06	46.22	25.58	52.83	3698.03	0.74	-6594.49	7560.60

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Project: 250 FT RTL TOWER
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Revision: 0
Site: GLOVERS CREEK- KY
Engineer: AS

DESIGN SPECIFICATION

Sct.	Length (ft)	Top W. (in)	Bot Width (in)
1	30.00	289.97	325.97
2	30.00	253.97	289.97
3	20.00	228.24	253.97
4	20.00	204.24	228.24
5	20.00	179.32	204.24
6	20.00	155.32	179.32
7	20.00	131.32	155.32
8	20.00	107.32	131.32
9	20.00	82.40	107.32
10	20.00	57.53	82.40
11	20.00	56.99	57.53
12	10.00	56.99	56.99



MAXIMUM BASE REACTIONS

Download (Kips)	339.8
Uplift (Kips)	291.6
Shear (Kips)	32.1

Customer: HARMONI TOWERS
 Project: 250 FT RTL TOWER
 Site: GLOVERS CREEK, KY
 Engr. File: 246504
 Build Code: ANSI/TIA-222-H-2016



Mat Foundation

ver.3.0.8

Design Parameters

Description	Load Case					Service
	1	2	3	4	5	
Total Moment, ft-kips	7,558.56	7,560.60	1,097.36	500.34	498.31	2,521.11
Total Shear, kips	52.81	52.83	6.95	2.72	2.72	17.85
Total Tower Wt, kips	61.40	46.06	174.74	61.36	46.03	51.14
Max. Uplift, kips	286.43	291.62	.00	.76	5.79	85.43
Shear, kips	28.69	29.00	29.00	.47	.77	9.04
Max Download, kips	339.83	334.78	104.40	41.69	36.50	123.72
Shear	32.02	31.72	7.61	2.88	2.58	11.48
Soil L.F.	1.20	0.90	1.20	1.20	0.90	1.00
Concrete L.F.	1.20	0.90	1.20	1.20	0.90	1.00

Foundation	
Ht. AGL, ft	0.50
Depth, ft.	5.25
Tower	
Face Width, ft	27.16
Offset, in	48.00
Soil	
Blow Count	N/A
Inplace Unit Wt, pcf	110.00
Submerged Unit Wt, pcf	60.00
Friction Angle, ϕ , deg.	30.00
Cohesion, ksf	N/A
Uplift Angle, deg.	30.00
Water Depth, ft	None
Ult Bearing Capacity, ksf	30.00

Mat	
Thickness, ft	1.75
Width, ft	33.00
EA, in	13.00
Batter, in/ft	0.00

Pier	
Height, ft	4.00
Diameter, ft	3.50
No. Piers	3
Shape	Round

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

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

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

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

Results

ϕM_N – Parallel Axis 10,650.01 ft-kips
 ϕM_N – Diagonal Axis 11,728.63 ft-kips
 Moment – Interaction Ratio 0.758
 ϕV_N – Lateral Load 180.14 kips
 Lateral Load – Interaction Ratio 0.293

Final Mat Dimension : 33.00 x 33.00 x 1.75 ft. thick w/ (3) 3.50 ft. Dia. Piers

Final Pocket Dimension : Pockets not required

Total Volume of Concrete : 74.9 yd³

Designed By: AS
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ENGINEERING
 CHECKED BY: SY
 07/09/2024

Customer: HARMONI TOWERS
 Project: 250 FT RTL TOWER
 Site: GLOVERS CREEK, KY
 Engr. File: 246504
 Build Code: ANSI/TIA-222-H-2016



Mat Foundation

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OTM Capacity

Controlling Load Case: 2 [Wind w/Min. Dead Load]
 Foundation Width = 33.00 ft
 $M_U = 8,073.4$ ft-kips

	ϕM_N , ft-kips	x, ft	N	σ_{ur}
Parallel	10,650.0	3.300	0.100	8.65
Diagonal	11,728.6	10.436	0.224	8.65

$\phi M_N = 10,650.01$ ft-kips IRatio = 0.758
 $\phi V_N = 180.14$ kips IRatio = 0.293

Mat Design

$\gamma_c = 123.33$ pcf

Exterior Slab	x, ft	N	σ_R , ksf	P_s , kips	P_{su} , kips	Moment, ft-kips/ft		Shear, kips/ft	
						DownLoad Side	Uplift Side	Download Side	Uplift Side
Parallel	10.256	0.311	2.07	19.87	0.00	7.02	5.45	4.57	2.97
Diagonal	17.944	0.384	2.18	19.87	0.00	57.56	32.18	13.96	7.35

Interior Slab	Moment, ft-kips/ft			Shear, kips/ft		
	DownLoad Side	Uplift Side	Download Side	Uplift Side	Soil Pressure Termination	
	27.39	44.80	5.65	6.06	5.61	

Punching Shear	Download			Uplift			Description
	Interior	Edge	Corner	Interior	Edge	Corner	
b_o , ft	17.74	14.71	12.01	15.08	13.38	11.35	2-Way Shear
V_{su} , psi	111.75	142.79	184.57	111.28	132.42	166.71	
ϕV_c , psi	228.08	228.08	228.08	228.08	228.08	228.08	
IR	0.49	0.63	0.81	0.49	0.58	0.73	
M_{ut} , ft-kips	76.8			69.6			Moment transfer to slab
B_e , ft	7.3			6.9			
M_u , ft-kips/ft	10.5			10.1			
Edge Distances: a = 4.82 ft. b = 2.92 ft. c = 4.66 ft.							

Summary	Max. Value	Utilization
Slab Moment, ft-kips/ft	57.56	0.993
Slab Shear, kips/ft	13.96	0.638
Punching Shear, psi	184.57	0.809
Soil Bearing Required, σ_{UR} , ksf	2.90	0.097

Mat Reinforcement	
Min. Steel Area (Strength)	.663 in ² /ft.
Min. Steel Area (Temperature)	.227 in ² /ft.
Steel Strain Actual	0.020
Minimum Steel Strain Required	0.005

50 - #6 Horizontal bars equally spaced @7.96 in., each way, top and bottom, total of 200, $A_s = 0.669$ in²/ft

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Customer: HARMONI TOWERS
Project: 250 FT RTL TOWER
Site: GLOVERS CREEK, KY
Engr. File: 246504
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Mat Foundation

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Pier Design

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

C = 334.78 kips	Vc = 31.72 kips	Mc = 126.88 ft-kips
T = 291.62 kips	Vt = 29.00 kips	Mt = 116.00 ft-kips
Fy = 60.00 ksi	Fyt = 60.00 ksi	L.F. = 1.00
H = 42.00 in.	Ds = 33.00 in.	F'c = 4.50 ksi
U = 1.00	Irs = Round	

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

SUMMARY OF ANALYSIS

Minimum area of steel required	= 9.317 in ²	(Rhomin = 0.0067)
Area of steel provided.	= 9.621 in ²	(Rhoactual = 0.0069)
Maximum steel area limit	= 110.836 in ²	(Rhomax = 0.0800)

(16) #7 Vertical Bars equally spaced w/ #4 Circular Ties @ 6" on center.

CIRCULAR TIE DATA

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

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

DEVELOPMENT LENGTH MODIFIERS FOR BAR DEVELOPMENT

Modifier for tension development = 1.000
Modifier for compression development = 0.165
REQUIRED Ld = MODIFIER * BASIC Ld * ACI 318 MODIFIERS, (12 in. min.)

Designed By: AS
Date: 09 July, 2024 @ 09:34 AM

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

KY Public Service Commission

Master Utility Search

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

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

Search

	Utility ID	Utility Name	Utility Type	Class	City	State
<input type="button" value="View"/>	4111300	2600Hz, Inc. dba ZSWITCH	Cellular	D	Henderson	NV
<input type="button" value="View"/>	4115150	ACN Communication Services, LLC dba Flash Wireless dba Flash Mobile	Cellular	D	Concord	
<input type="button" value="View"/>	4113600	AFNET, LLC	Cellular	D	Alpharetta	GA
<input type="button" value="View"/>	4108300	Air Voice Wireless, LLC d/b/a AirTalk Wireless	Cellular	A	Houston	TX
<input type="button" value="View"/>	4115200	Airespring, Inc.	Cellular	C	Clearwater	FL
<input type="button" value="View"/>	4111900	ALLNETAIR, INC.	Cellular	D	West Palm Beach	FL
<input type="button" value="View"/>	44451184	Alltel Corporation d/b/a Verizon Wireless	Cellular	A	Lisle	IL
<input type="button" value="View"/>	4110850	AltaWorx, LLC	Cellular	D	Fairhope	AL
<input type="button" value="View"/>	4107800	American Broadband and Telecommunications Company	Cellular	D	Toledo	OH
<input type="button" value="View"/>	4108650	AmeriMex Communications Corp.	Cellular	A	Safety Harbor	FL
<input type="button" value="View"/>	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA

View	4114250	Approved Contact LLC	Cellular	D	Reno	NV
View	4115050	Aquarius Silver LLC	Cellular	C	Sheridan	WY
View	4105700	Assurance Wireless USA, L.P.	Cellular	D	Atlanta	GA
View	4114150	Atlantic Mobile US LLC d/b/a Angel Mobile	Cellular	D	Wilmington	DE
View	4113100	BARK TECHNOLOGIES, INC.	Cellular	D	Charlotte	NC
View	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
View	4106000	Best Buy Health, Inc. d/b/a GreatCall d/b/a Jitterbug	Cellular	A	San Diego	CA
View	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
View	4107600	Boomerang Wireless, LLC	Cellular	A	Dallas	TX
View	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4106600	Cintex Wireless, LLC	Cellular	D	Houston	TX
View	4112900	Clear Mobile, LLC	Cellular	D	Tulsa	OK
View	4114550	Cliq Communications LLC d/b/a Cliq Mobile	Cellular	D	Coral Gables	FL
View	4111150	Comcast OTR1, LLC	Cellular	A	Phoeniexville	PA
View	4113550	Comlink Total Solutions Corp	Cellular	D	Fort Myers	FL
View	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
View	4112700	Cox Wireless, LLC	Cellular	D	Atlanta	GA
View	4108850	Cricket Wireless, LLC	Cellular	A	San Antonio	TX
View	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	B	Long Island City	NY
View	4114000	Daywalker Mobile Inc.	Cellular	D	Bartlesville	OK
View	4112000	DISH Wireless L.L.C.	Cellular	A	Englewood	CO
View	4111200	Dynalink Communications, Inc.	Cellular	C	Brooklyn	NY
View	4111800	Earthlink, LLC	Cellular	B	Atlanta	GA
View	4101000	East Kentucky Network, LLC dba Appalachian Wireless	Cellular	A	Ivel	KY
View	4002300	Easy Telephone Service Company dba Easy Wireless	Cellular	D	Ocala	FL
View	4113250	Elevate Platforms, LLC	Cellular	D	Nashville	TN
View	4109500	Enhanced Communications Group, LLC	Cellular	D	Bartlesville	OK
View	4113800	EVOLVE WIRELESS LLC	Cellular	D	Maumee	OH

View	4110450	Excellus Communications, LLC	Cellular	D	Harrisburg	SD
View	4112400	Excess Telecom Inc.	Cellular	D	Beverly Hills	CA
View	4104800	France Telecom Corporate Solutions L.L.C.	Cellular	D	Herndon	VA
View	4111750	Gabb Wireless, Inc.	Cellular	A	Lehi	UT
View	4109350	Global Connection Inc. of America	Cellular	D	Newport	KY
View	4102200	Globalstar USA, LLC	Cellular	C	Covington	LA
View	4112850	GO TECHNOLOGY MANAGEMENT, LLC	Cellular	D	Atlanta	GA
View	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
View	4113500	GR8 CONNECT Corp.	Cellular	C	Brooklyn	NY
View	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
View	4114300	Group F Consulting, LLC	Cellular	D		
View	4114050	Helix Wireless Inc.	Cellular	D	Monmouth Junction	NJ
View	4111350	HELLO MOBILE TELECOM LLC	Cellular	D	Dania Beach	FL
View	4112950	Hoop Wireless, LLC	Cellular	D	Lakewood	NJ
View	4103100	i-Wireless, LLC	Cellular	C	Newport	KY
View	4112550	IDT Domestic Telecom, Inc.	Cellular	D	Newark	NJ
View	4109800	IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Plano	TX
View	4112650	Insight Mobile, Inc.	Cellular	D	Los Angeles	CA
View	4115300	Interactivetel LLC	Cellular	C	Houston	TX
View	4111950	J Rhodes Enterprises LLC	Cellular	D	Gulf Breeze	FL
View	22215360	KDDI America, Inc.	Cellular	D	Staten Island	NY
View	10872	Kentucky RSA #1 Partnership	Cellular	A	Basking Ridge	NJ
View	4112200	Lexvor Inc.	Cellular	D	Irvine	CA
View	4111250	Liberty Mobile Wireless, LLC	Cellular	B	Sunny Isles Beach	FL
View	4114900	Liberty Wireless, LLC	Cellular	C	Rockville	MD
View	4114750	Link Mobile, Inc.	Cellular	C	New York	NY
View	4111400	Locus Telecommunications, LLC	Cellular	D	Fort Lee	NJ
View	4114500	Lux Mobile USA, Inc	Cellular	D	Baton Rouge	LA
View	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
View	4112500	Marconi Wireless Holdings, LLC	Cellular	B	Westlake Village	CA

View	4113850	MAXSIP TEL KENTUCKY LLC d/b/a Maxsip Telecom	Cellular	D	Woodmere	NY
View	4114800	Mediacom Wireless LLC	Cellular	C	Mediacom Park	NY
View	4108800	MetroPCS Michigan, LLC	Cellular	A	Bellevue	WA
View	4111700	Mint Mobile, LLC	Cellular	A	Costa Mesa	CA
View	4111850	Mobi, Inc.	Cellular	D	Honolulu	HI
View	4115100	Mobile 13, Inc	Cellular	C	South Jordan	UT
View	4114100	MVNO Connect LLC	Cellular	D	St. Petersburg	FL
View	4113350	NatWireless, LLC	Cellular	D	Houston	TX
View	4202400	New Cingular Wireless PCS, LLC	Cellular	A	San Antonio	TX
View	4110700	Norcell, LLC	Cellular	D	Clayton	WA
View	4113700	Nova Labs, Inc. dba Helium Mobile	Cellular	D	Las Vegas	NV
View	4110750	Onvoy Spectrum, LLC	Cellular	D	Chicago	IL
View	4114950	Panda Mobile LLC	Cellular	C	Sparks	NV
View	4109050	Patriot Mobile LLC	Cellular	B	Grapevine	TX
View	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
View	33351182	PNG Telecommunications, Inc. dba PowerNet Global Communications	Cellular	D	Cincinnati	OH
View	4114850	POWER MOBILE LLC	Cellular	C	Rockville Centre	NY
View	4112800	Prepaid Wireless Group, LLC dba Prepaid Wireless Wholesale	Cellular	D	Rockville	MD
View	4114350	PRESTO WIRELESS Corp.	Cellular	D	Fair Lawn	NJ
View	4115000	Prosper Wireless LLC	Cellular	D	Sherman Oaks	CA
View	4107700	Puretalk Holdings, Inc.	Cellular	A	Covington	GA
View	4106700	Q Link Wireless, LLC	Cellular	A	Dania	FL
View	4108700	Ready Wireless, LLC	Cellular	D	Cedar Rapids	IA
View	4113200	Red Pocket Inc.	Cellular	D	Thousand Oaks	CA
View	4114200	Rocstar Wireless LLC	Cellular	D	Bedford	TX
View	4114700	Rocket Mobile LLC	Cellular	C	West Palm Beach	FL
View	4115400	RSCU Mobile, LLC	Cellular	C	Alpine	UT
View	4106200	Rural Cellular Corporation	Cellular	A	Basking Ridge	NJ

View	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	A	Los Angeles	CA
View	4113050	Sarver Corporation	Cellular	D	Rancho Cucamonga	CA
View	4109150	SelecTel, Inc. d/b/a SelecTel Wireless	Cellular	A	Fremont	NE
View	4110150	Spectrotel of the South LLC dba Touch Base Communications	Cellular	D	Neptune	NJ
View	4111450	Spectrum Mobile, LLC	Cellular	A	St. Louis	MO
View	4114400	Splash Cellular Inc.	Cellular	C	Bountiful	UT
View	4111600	STX Group LLC dba Twigby	Cellular	D	Murfreesboro	TN
View	4113450	Syntegra North America, LLC	Cellular	D	Denton	TX
View	4202200	T-Mobile Central, LLC dba T-Mobile	Cellular	A	Bellevue	WA
View	4002500	TAG Mobile Bankruptcy Sale Entity, LLC	Cellular	D	Plano	TX
View	4107200	Telefonica Global Solutions USA, Inc.	Cellular	D	Miami	FL
View	4112100	Tello LLC	Cellular	A	Atlanta	GA
View	4108900	Telrite Corporation	Cellular	D	Covington	GA
View	4108450	Tempo Telecom, LLC	Cellular	D	Dallas	TX
View	4113900	TERRACOM Inc. d/b/a Maxsip Tel	Cellular	C	Chattanooga	TN
View	4113950	THE LIGHT PHONE INC.	Cellular	D	Brooklyn	NY
View	4110400	Torch Wireless Corp.	Cellular	B	Bartlett	TN
View	4103300	Touchtone Communications, Inc.	Cellular	D	Cedar Knolls	NJ
View	4104200	TracFone Wireless, Inc.	Cellular	D	Miami	FL
View	4115350	TREK CELLULAR, LLC	Cellular	C	Stevensville	MD
View	4112250	TROOMI WIRELESS, Inc.	Cellular	D	Orem	UT
View	4114600	TruConnect Communications, Inc.	Cellular	D	Los Angeles	CA
View	4002000	Truphone, Inc.	Cellular	D	Durham	NC
View	4112600	Tube Incorporated dba Reach Mobile	Cellular	D	Atlanta	GA
View	4112750	Unity Wireless, Inc.	Cellular	D	Pembroke Pines	FL
View	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	C	Costa Mesa	CA
View	10630	Verizon Americas LLC dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4113300	Via Wireless, LLC	Cellular	D	Houston	TX

View	4110800	Visible Service LLC	Cellular	D	Basking Ridge	NJ
View	4113750	VOLT MOBILE Inc	Cellular	D	Delray Beach	FL
View	4114450	WeIncentivize LLC d/b/a ChosenWireless	Cellular	D	San Diego	CA
View	4113000	Whoop Connect Inc.	Cellular	D	Melbourne	FL
View	4115250	WHOOOP MOBILE INC.	Cellular	C	Melbourne	FL
View	4106500	WiMacTel, Inc.	Cellular	D	Calgary, AB	CA
View	4110950	Wing Tel Inc.	Cellular	D	New York	NY
View	4113400	Wrizzle, Inc.	Cellular	D	New Milford	CT
View	4113650	XCHANGE TELECOM LLC	Cellular	D	Brooklyn	NY
View	4112150	Zefcom, LLC	Cellular	C	Wichita Falls	TX

EXHIBIT E
FAA



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

Aeronautical Study No.
 2024-ASO-5810-OE
 Prior Study No.
 2023-ASO-30867-OE

Issued Date: 05/02/2024

Michael Wilson
 Harmoni Towers, LLC-MW
 6210 Ardrey Kell Road
 Suite 450
 Charlotte, NC 28277

**** 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 KY0007088 CK Glover Creek
 Location: Summer Shade, KY
 Latitude: 36-53-46.16N NAD 83
 Longitude: 85-44-03.79W
 Heights: 839 feet site elevation (SE)
 255 feet above ground level (AGL)
 1094 feet above mean sea level (AMSL)

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

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

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

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

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

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

See attachment for additional condition(s) or information.

This determination expires on 11/02/2025 unless:

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

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

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

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

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

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

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

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

If we can be of further assistance, please contact our office at (817) 222-4104, or diana.v.pinos@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-ASO-5810-OE.

Signature Control No: 615596595-620478864

(DNE)

Diana Pinos

Technician

Attachment(s)

Additional Information

Frequency Data

Map(s)

cc: FCC

Additional information for ASN 2024-ASO-5810-OE

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

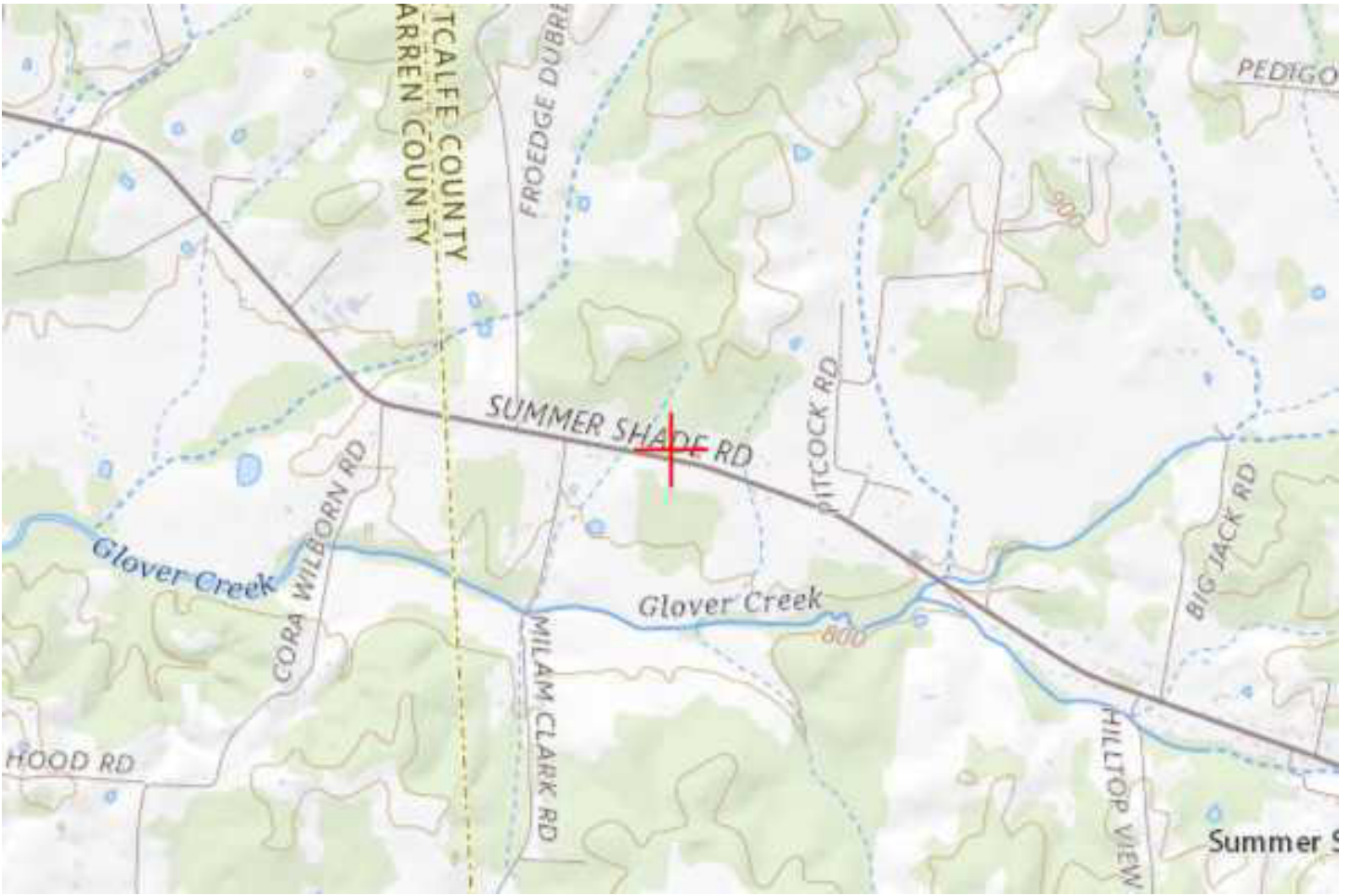
This determination of no hazard is based upon those mitigations implemented by the FAA and operators of transport and commuter category aircraft, and helicopters operating in the vicinity of your proposed location. It is also based on telecommunication industry and FAA collaboration on acceptable power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

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

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

Frequency Data for ASN 2024-ASO-5810-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	2000	W
614	698	MHz	1000	W
698	806	MHz	1000	W
806	824	MHz	500	W
806	901	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W
3700	3980	MHz	3280	W
3700	3980	MHz	1640	W



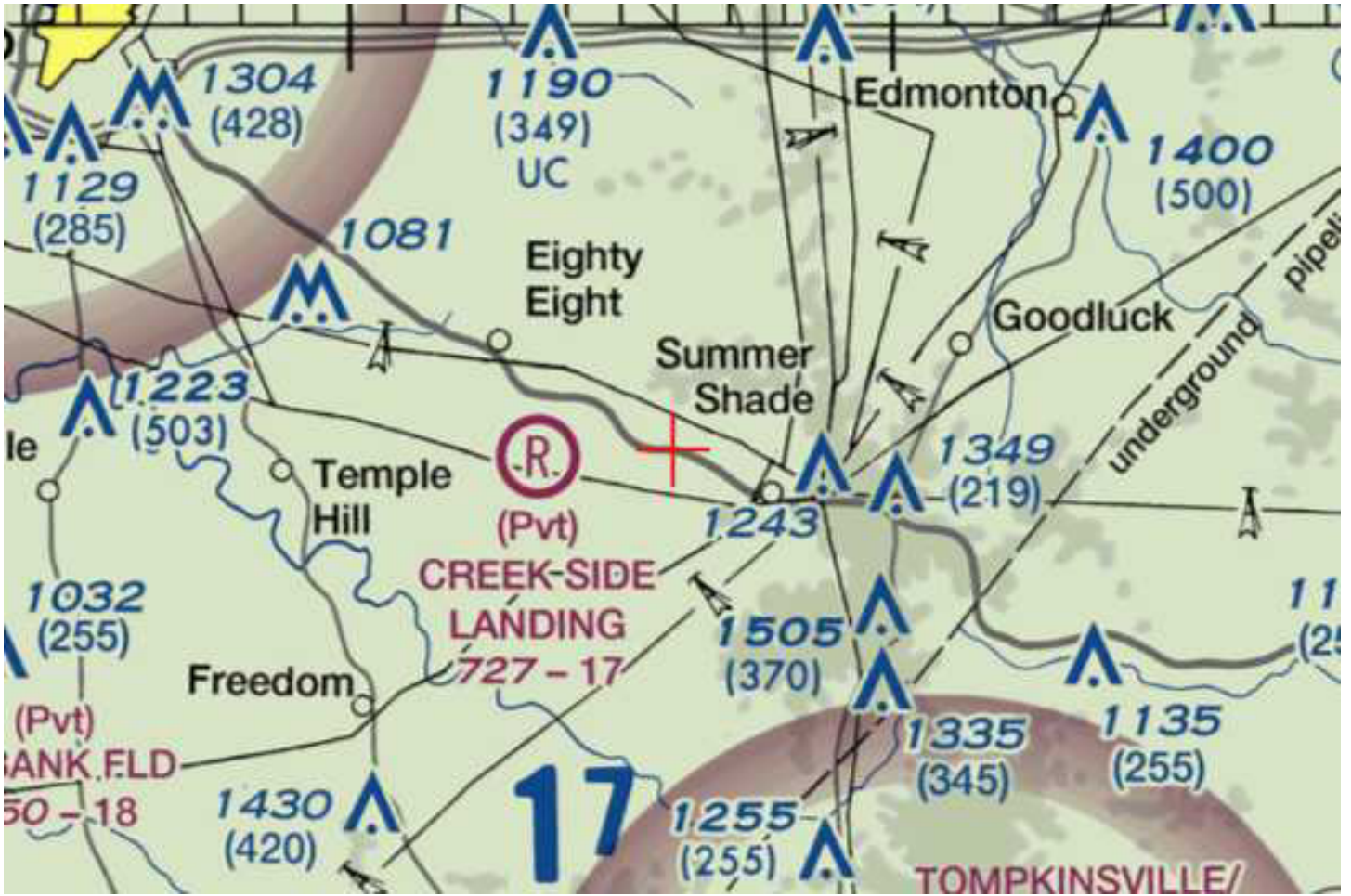


EXHIBIT F
KENTUCKY AIRPORT ZONING COMMISSION



KENTUCKY AIRPORT ZONING COMMISSION

ANDY BESHEAR
Governor

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

JIM GRAY
Secretary

APPROVAL OF APPLICATION

Wednesday, June 12, 2024

Harmoni Towers LLC
6210 Ardrey Kell Road, Suite 450
Charlotte, NC 28277

AS-2024-054-TZV **Tompkinsville-Monroe County Airport**

APPLICANTS NAME: Harmoni Towers, LLC
NEAREST CITY: Summer Shade, KY
LATITUDE/LONGITUDE: 36°53'46.16" N, 85°44'3.79" W
HEIGHT (In Feet): 255' AGL /1094' AMSL
CONSTRUCTION PROPOSED: Telecommunications Tower

NOTES: The tower location is approximately 12.1 nm N of TZV and exceeds 200 ft AGL. It penetrates no protected air surfaces.

FAA DETERMINATION: 2024-ASO-5810-OE. No Hazard To Air Navigation. Marking and Lighting required IAW AC 70/7460-1 M, med-dual system – Chapter 4,8(M-Dual)&15. Emissions must adhere to the 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.

A copy of this notification has also been emailed to your representative Ronald Lageson, Jr at ron.lageson@wacorp.net. Contact us with any questions you may have.

Respectfully,

Anthony Adams

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

EXHIBIT G
GEOTECHNICAL REPORT



DELTA OAKS GROUP

GEOTECHNICAL INVESTIGATION REPORT

July 3, 2024

Prepared For:

SMJ Consulting Services, LLC



CK Glover Creek
KY0007088

Proposed 250-Foot Self-Supporting Tower

486 Summer Shade Road, Summer Shade (Metcalf County), Kentucky 42166
Latitude N 36° 53' 46.16" Longitude W 85° 44' 03.79"

Delta Oaks Group Project GEO24-21765-08

Revision 1

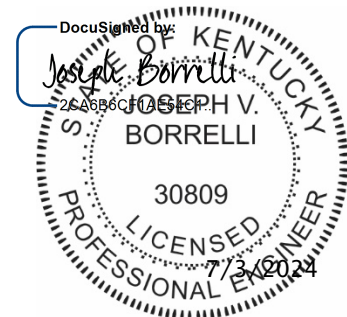
geotech@deltaoaksgroup.com

Performed By:

Michael Thomas

Reviewed By:

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





DELTA OAKS GROUP

INTRODUCTION

This geotechnical investigation report has been completed for the proposed 250-foot self-supporting tower located at 486 Summer Shade Road in Summer Shade (Metcalf County), Kentucky. The purpose of this investigation was to provide engineering recommendations and subsurface condition data at the proposed tower location. A geotechnical engineering interpretation of the collected information was completed and utilized to suggest design parameters regarding the adequacy of the structure's proposed foundation capacity under various loading conditions. This report provides the scope of the geotechnical investigation; geologic material identification; results of the geotechnical laboratory testing; and design parameter recommendations for use in the design of the telecommunication facility's foundation and site development.

SITE CONDITION SUMMARY

The proposed tower and compound are located within a wooded area exhibiting a generally flat topography across the tower compound and subject property.

REFERENCES

- Construction Drawings, provided by SMJ Consulting, dated April 4, 2024
- TIA Standard (TIA-222-G), dated August 2005

SUBSURFACE FIELD INVESTIGATION SUMMARY

The subsurface field investigation was conducted through the advancement of one mechanical soil test boring to the auger refusal depth of 6.8 feet bgs. Samples were obtained at selected intervals in accordance with ASTM D 1586. The sampling was conducted at the staked centerline of the proposed tower. Upon encountering auger refusal 5.0 feet of rock coring was conducted in accordance with ASTM D 2113. Soil and rock samples were transported to our laboratory and classified by a geotechnical engineer in accordance with ASTM D 2487. A detailed breakdown of the material encountered in our subsurface field investigation can be found in the boring log presented in the Appendix of this report.

Additional testing was performed on selected samples in accordance with ASTM D 7012 (Unconfined Compressive Strength – Rock). Laboratory data can be found in the Appendix of this report.

A boring plan portraying the spatial location of the boring in relation to the proposed tower, tower compound and immediate surrounding area can be found in the Appendix.



DELTA OAKS GROUP

SUBSURFACE CONDITION SUMMARY

The following provides a general overview of the site's subsurface conditions based on the data obtained during our field investigation.

FILL

Fill material was not encountered during the subsurface field investigation.

SOIL

The residual soil encountered in the subsurface field investigation began at the existing ground surface in the boring and consisted of silty clay and weathered rock, sampled as silty sand. The materials exhibited a very dense relative density and a hard consistency.

Auger advancement refusal was encountered during the subsurface field investigation at a depth of 6.8 feet bgs.

ROCK

Rock was encountered during the subsurface investigation at a depth of 6.8 feet bgs. The rock can be described as grey, highly fractured, moderately to highly weathered, hard, shale.

SUBSURFACE WATER

At the time of drilling, subsurface water was not encountered during the subsurface investigation. However, subsurface water elevations can fluctuate throughout the year due to variations in climate, hydraulic parameters, nearby construction activity and other factors.

FROST PENETRATION

The frost penetration depth for Metcalfe County, Kentucky is 20 inches (1.7 feet).

CORROSIVITY

Soil resistivity was performed in accordance with ASTM G187 with a test result of 6,300 ohms-cm.



DELTA OAKS GROUP

FOUNDATION DESIGN SUMMARY

In consideration of the provided tower parameters and the determined soil characteristics, Delta Oaks Group recommends utilizing a shallow foundation and/or drilled shaft foundation for the proposed structure. The strength parameters presented in the following sections can be utilized for design of the foundation.

GENERAL SUBSURFACE STRENGTH PARAMETERS

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-1	0.0 - 3.0	CL-ML	130	0	4,000
	3.0 - 6.8	WEATHERED ROCK	130	45	0
	6.8 - 11.8	SHALE	150	0	7,000

- The unit weight provided assumes overburden soil was compacted to a minimum of 95% of the maximum dry density as obtained by the standard Proctor method (ASTM D 698) and maintained a moisture content within 3 percent of optimum.
- The values provided for phi angle and cohesion should be considered ultimate.



DELTA OAKS GROUP

SUBSURFACE STRENGTH PARAMETERS – SHALLOW FOUNDATION

Boring	Dimensions (feet)	Depth (feet bgs)	Net Ultimate Bearing Capacity (psf)
B-1	Greater than 5.0 x 5.0	Greater than 3.0	30,000

- Delta Oaks Group recommends the foundation bear a minimum of 3.0 feet bgs.
- A sliding friction factor of 0.45 can be utilized along the base of the proposed foundation.
- An Ultimate Passive Pressure Table with a reduction due to frost penetration to a depth of 1.7 feet bgs is presented on the following page.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.



DELTA OAKS GROUP

ULTIMATE PASSIVE PRESSURE VS. DEPTH - TOWER FOUNDATION

Soil Layers (feet)		Moist Unit Weight	Phi Angle	Cohesion	PV	KP	Ph
Top	0.0	130	0	4,000	0.00	1.00	4,000.00
Bottom	1.7	130	0	4,000	221.00	1.00	4,110.50
Top	1.7	130	0	4,000	221.00	1.00	8,221.00
Bottom	3.0	130	0	4,000	390.00	1.00	8,390.00
Top	3.0	130	45	0	390.00	5.83	2,273.09
Bottom	6.8	130	45	0	884.00	5.83	5,152.33
Top	6.8	150	0	7,000	884.00	1.00	14,884.00
Bottom	10.0	150	0	7,000	1364.00	1.00	15,364.00



DELTA OAKS GROUP

SUBSURFACE STRENGTH PARAMETERS - DRILLED SHAFT FOUNDATION

Boring	Depth (bgs)	Net Ultimate Bearing Capacity (psf)	Ultimate Skin Friction - Compression (psf)	Ultimate Skin Friction - Uplift (psf)
B-1	0.0 – 3.0	-	-	-
	3.0 – 6.8	53,920	760	570
	6.0 – 11.8	62,860	2,800	2,800

- The top 3.0 feet of soil should be ignored due to the frost penetration and the potential soil disturbance during construction.
- The values presented assume the concrete is cast-in-place against earth walls and any casing utilized during construction of the foundation was removed.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.



DELTA OAKS GROUP

CONSTRUCTION

SITE DEVELOPMENT

The proposed access road and tower compound should be evaluated by a Geotechnical Engineer, or their representative, after the removal or "cutting" of the areas to design elevation but prior to the placement of any structural fill material to verify the presence of unsuitable or weak material. Unsuitable or weak materials should be undercut to a suitable base material as determined by a Geotechnical Engineer, or their representative. Backfill of any undercut area(s) should be conducted in accordance with the recommendations provided in the *STRUCTURAL FILL PLACEMENT* section of this report.

Excavations should be sloped or shored in accordance and compliance with OSHA 29 CFR Part 1926, Excavation Trench Safety Standards as well as any additional local, state and federal regulations.

STRUCTURAL FILL PLACEMENT

Structural fill materials should be verified, prior to utilization, to have a minimum unit weight of 110 pcf (pounds per cubic foot) when compacted to a minimum of 95% of its maximum dry density and within plus or minus 3 percentage points of optimum moisture. Materials utilized should not contain more than 5 percent by weight of organic matter, waste, debris or any otherwise deleterious materials. The Liquid Limit should be no greater than 40 with a Plasticity Index no greater than 20. Structural fill material should contain a maximum particle size of 4 inches with 20 percent or less of the material having a particle size between 2 and 4 inches. Backfill should be placed in thin horizontal lifts not to exceed 8 inches (loose) in large grading areas and 4 inches (loose) where small handheld or walk-behind compaction equipment will be utilized. The potential suitability of on-site materials to be utilized as fill should be evaluated by a Geotechnical Engineer, or their representative just prior to construction.

During construction structural fill placement should be monitored and tested. This should include at minimum, visual observation as well as a sufficient amount of in-place field density tests by a Geotechnical Engineer, or their representative. Materials should be compacted to a minimum of 95% of the maximum dry density as determined by ASTM D 698 (standard Proctor method). Moisture contents should be maintained to within plus or minus 3 percentage points of the optimum moisture content.

SHALLOW FOUNDATIONS

Foundation excavation(s) should be evaluated by a Geotechnical Engineer, or their representative, prior to reinforcing steel and concrete placement. This evaluation should include visual observation to verify a level bearing surface; vertical side-walls with no protrusions, sloughing or caving; and the exposed bearing surface is free of deleterious material, loose soil and standing water. Excavation dimensions should be verified and testing performed on the exposed bearing surface to verify compliance with design recommendations. Bearing testing should be conducted in accordance with ASTM STP399 (Dynamic Cone Penetrometer). A 6-inch layer of compacted crushed stone should be installed prior to reinforcing steel and concrete placement. If subsurface water is encountered during excavation dewatering methods such as sump pumps or well points may be required.



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DRILLED SHAFT FOUNDATIONS

Drilled shaft foundations (caissons) are typically installed utilizing an earth auger to reach the design depth of the foundation. Specialized roller bits or core bits can be utilized to penetrate boulders or rock. The equipment utilized should have cutting teeth to result in an excavation with little or no soil smeared or caked on the excavation sides with spiral-like corrugated walls. The drilled shaft design diameter should be maintained throughout the excavation with a plumbness tolerance of 2 percent of the length and an eccentricity tolerance of 3 inches from plan location. A removable steel casing can be installed in the shaft to prevent caving of the excavation sides due to soil relaxation. Upon completion of the drilling and casing placement, loose soils and subsurface water greater than 3-inches in depth should be removed from the bottom of the excavation for the "dry" installation method. The drilled shaft installation should be evaluated by a Geotechnical Engineer, or their representative, to verify suitable end bearing conditions, design diameter and bottom cleanliness. The evaluation should be conducted immediately prior to as well as during concrete placement operations.

The drilled shaft should be concreted as soon as reasonably practical after excavation to reduce the deterioration of the supporting soils to prevent potential caving and water intrusion. A concrete mix design with a slump of 6 to 8 inches employed in conjunction with the design concrete compressive strength should be utilized for placement. Super plasticizer may be required to obtain the recommended slump range. During placement, the concrete may fall freely through the open area in the reinforcing steel cage provided it does not strike the reinforcing steel and/or the casing prior to reaching the bottom of the excavation. The removable steel casing should be extracted as concrete is placed. During steel casing removal a head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the bottom of the casing.

If subsurface water is anticipated and/or weak soil layers are encountered drilled shafts are typically installed utilizing the "wet" method by excavating beneath a drilling mud slurry. The drilling mud slurry is added to the drilled shaft excavation after groundwater has been encountered and/or the sides of the excavation are observed to be caving or sloughing. Additional inspection by a Geotechnical Engineer, or their representative, during the "wet" method should consist of verifying maintenance of sufficient slurry head, monitoring the specific gravity, pH and sand content of the drilling slurry, and monitoring any changes in the depth of the excavation between initial approval and just prior to concreting.

Concrete placement utilizing the "wet" method is conducted through a tremie pipe at the bottom of the excavation with the drilling mud slurry level maintained at a minimum of 5 feet or one shaft diameter, whichever is greater, above the ground water elevation. The bottom of the tremie should be set one tremie pipe diameter above the excavation. A closure flap at the bottom of the tremie or a sliding plug introduced into the tremie before the concrete is recommended to reduce the potential contamination of the concrete by the drilling mud slurry. The bottom of the tremie must be maintained in the concrete during placement. Additional concrete should be placed through the tremie causing the slurry to overflow from the excavation in order to reduce the potential for the development of "slurry pockets" remaining in the drilled shaft.



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QUALIFICATIONS

The design parameters and conclusions provided in this report have been determined in accordance with generally accepted geotechnical engineering practices and are considered applicable to a rational degree of engineering certainty based on the data available at the time of report preparation and our practice in this geographic region. All recommendations and supporting calculations were prepared based on the data available at the time of report preparation and knowledge of typical geotechnical parameters in the applicable geographic region.

The subsurface conditions used in the determination of the design recommendations contained in this report are based on interpretation of subsurface data obtained at specific boring locations. Irrespective of the thoroughness of the subsurface investigation, the potential exists that conditions between borings will differ from those at the specific boring locations, that conditions are not as anticipated during the original analysis, or that the construction process has altered the soil conditions. That potential is significantly increased in locations where existing fill materials are encountered. Additionally, the nature and extent of these variations may not be evident until the commencement of construction. Therefore, a geotechnical engineer, or their representative, should observe construction practices to confirm that the site conditions do not differ from those conditions anticipated in design. If such variations are encountered, Delta Oaks Group should be contacted immediately in order to provide revisions and/or additional site exploration as necessary.

Samples obtained during our subsurface field investigation will be retained by Delta Oaks Group for a period of 30 days unless otherwise instructed by SMJ Consulting Services, LLC. No warranty, expressed or implied, is presented.

Delta Oaks Group appreciates the opportunity to be of service for this Geotechnical Investigation Report. Please do not hesitate to contact Delta Oaks Group with any questions or should you require additional service on this project.



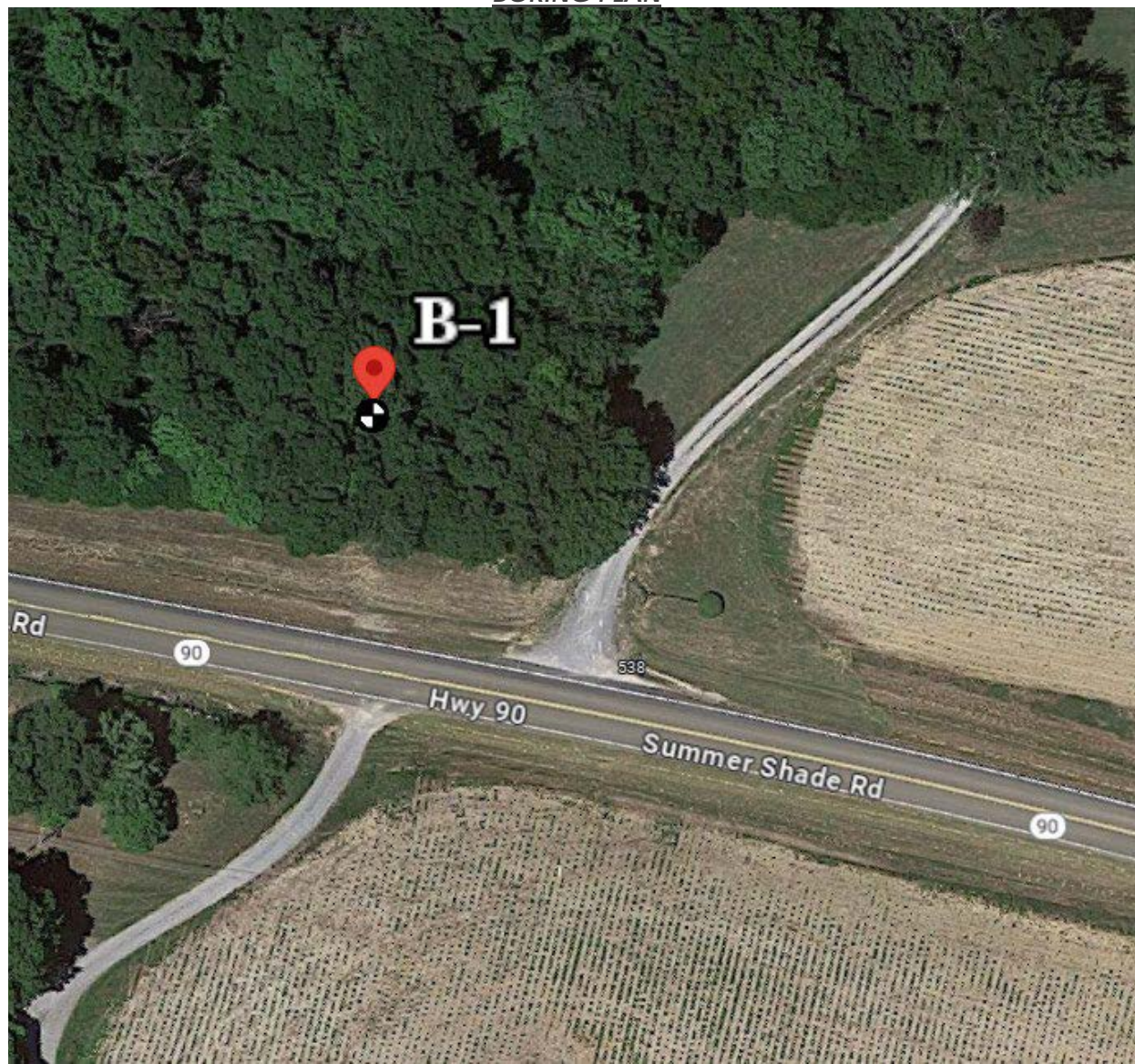
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APPENDIX



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BORING PLAN



**EXHIBIT H
DIRECTIONS TO WCF SITE**

Driving Directions to Proposed Tower Site

1. Beginning at 201 North Main Street, Edmonton, KY, head south on North Main Street (toward E. Stockton Street) and travel approximately 246 feet.
2. Continue straight onto South Main Street and travel approximately 0.9 miles.
3. Continue onto State Highway 163 / Tompkinsville Road and travel approximately 7.4 miles.
4. Turn right onto KY-90 West / Summer Shade Road and travel approximately 4.2 miles.
5. The site is on the right.
6. The site coordinates are
 - a. North 36 deg 53 min 46.16 sec
 - b. West 85 deg 44 min 03.79 sec



Prepared by:
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Shepherdsville, KY 40165-3069
Telephone: 502-955-4400 or 800-516-4293

EXHIBIT I
COPY OF REAL ESTATE AGREEMENT

Site ID: KY0007088
Site Name: Glover Creek
Location No.: MDG 5000908543

LEASE AGREEMENT

THIS LEASE AGREEMENT ("**Agreement or Lease**"), dated as of the latter of the signature dates below (the "**Effective Date**"), is entered into by Jane Bowman, a single woman, having a mailing address of [REDACTED] ("**Landlord**") and Harmoni Towers AssetCo, LLC, a Delaware limited liability company, having a mailing address of 6210 Adrey Kell Road, Suite 450, Charlotte, North Carolina 28277 ("**Tenant**").

BACKGROUND

Landlord owns or controls that certain plot, parcel or tract of land, as described on **Exhibit 1**, together with all rights and privileges arising in connection therewith, located at 708 Summer Shade Road, in the City/Town of Summer Shade, County of Metcalfe, State of Kentucky 42166 (collectively, the "**Property**"). Landlord desires to grant to Tenant the right to use a portion of the Property in accordance with this Agreement.

The parties agree as follows:

1. LEASE.

(a) Landlord grants to Tenant and Tenant hereby leases from Landlord under the terms and conditions set forth herein a certain portion of the Property containing approximately Ten Thousand (10,000) square feet including the air space above such ground space, as described on attached **Exhibit 1**, (the "**Premises**"), for the placement of a Communication Facility in accordance with the terms of this Agreement, together with an easement, or easements, for and any access/ingress, egress, utilities, fiber, easements, guy wire/anchor easements and/or utility easements and any other easements required by the local governing authorities, including, without limitation, a landscape buffer or "Fall Zone" (if applicable), for the duration of the lease on the property which is more particularly, (the "**Easements**"), for the placement of a Communication Facility, collectively all as described on attached **Exhibit 1** attached hereto and made a part hereof. The Easement rights herein granted include the right and authority of Tenant to grant or assign to third parties all or some of the easement rights granted to the Tenant herein without additional consideration paid to Landlord.

(b) During the Due Diligence Period and during the Term, Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, radio frequency testing and other geological or engineering tests or studies of the Property (collectively, the "**Tests**"), to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises and include, without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively, the "**Government Approvals**"), initiate the ordering and/or scheduling of necessary utilities, and otherwise to do those things on or off the Property that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Property, the environmental history of the Property, Landlord's title to the Property and the feasibility or suitability of the Property for Tenant's Permitted Use, all at Tenant's expense. Tenant will not be liable to Landlord or any third party on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Tenant's inspection. Tenant will restore the Property to its condition as it existed at the commencement of the Effective Date, reasonable wear and tear and loss by casualty or other causes beyond Tenant's control excepted. Any such Tests as referenced herein shall not be deemed 'commencement of construction' for purposes of establishing the Rent Commencement Date (as hereinafter defined).

(c) Within thirty (30) business days following the Effective Date, Tenant shall pay the Landlord the sum of [REDACTED] (the "Due Diligence Fee") for a one (1) year period commencing on the Effective Date (the "**Initial Due Diligence Period**"). The Initial Due Diligence Period may be renewed by Tenant for up to two additional due diligence periods of one (1) year each (each a "**Renewal Due Diligence Period**") upon written notification to Landlord and the payment of an additional [REDACTED] no later than five (5) days prior to the expiration date of the Initial Due Diligence Period or the Renewal Due Diligence Period. The Initial Due Diligence Period and any Renewal Due Diligence Periods are collectively referred to as the "**Due Diligence Period.**"

(d) Provided that construction of the Communication Facility (as hereinafter defined) has not commenced, it is understood that Tenant shall have the right to terminate this Agreement during the Due Diligence Period for any reason or no reason at all, without any further liability or obligation to Landlord except those obligations which specifically survive the expiration or termination of this Agreement, by delivery of written notice of termination to Landlord prior to the Rent Commencement Date.

(e) If during the Due Diligence Period or the Term, Landlord decides to subdivide, sell, or change the status of the zoning of the Premises, the Property or any of Landlord's contiguous, adjoining or surrounding property (the "**Surrounding Property**"), or in the event of a threatened foreclosure on any of the foregoing, Landlord shall immediately notify Tenant in writing. Landlord agrees that during the Due Diligence Period or the Term, Landlord shall not initiate or consent to any change in the zoning of the Premises, the Property or the Surrounding Property or impose or consent to any other use or restriction that would prevent or limit Tenant from using the Premises for the Permitted Use.

2. PERMITTED USE. Tenant may use the Premises for the transmission and reception of communications signals and the installation, construction, maintenance, operation, repair, replacement and upgrade of communications fixtures and related equipment, cables, accessories and improvements, which may include a suitable support structure ("**Structure**"), associated antennas, equipment shelters or cabinets and fencing and any other items necessary to the successful and secure use of the Premises (collectively, the "**Communication Facility**"), as well as the right to test, survey and review title on the Property; Tenant further has the right but not the obligation to add, modify and/or replace equipment in order to be in compliance with any current or future federal, state or local mandated application, including, but not limited to, emergency 911 communication services, at no additional cost to Tenant or Landlord (collectively, the "**Permitted Use**"). Landlord and Tenant agree that any portion of the Communication Facility that may be conceptually described on **Exhibit 1** will not be deemed to limit Tenant's Permitted Use. If **Exhibit 1** includes drawings of the initial installation of the Communication Facility, Landlord's execution of this Agreement will signify Landlord's approval of **Exhibit 1**. For a period of ninety (90) days following the start of construction, Landlord grants Tenant, its subtenants, licensees and sublicensees, the right to use such portions of the **Surrounding Property** as may reasonably be required during construction and installation of the Communication Facility. Tenant has the right to install and operate transmission cables from the equipment shelter or cabinet to the antennas, electric lines from the main feed to the equipment shelter or cabinet and communication lines from the Property's main entry point to the equipment shelter or cabinet, install a generator and to make other improvements, alterations, upgrades or additions appropriate for Tenant's Permitted Use, including the right to construct a fence around the Premises or equipment, install warning signs to make individuals aware of risks, install protective barriers, install any other control measures reasonably required by Tenant's safety procedures or applicable law, and undertake any other appropriate means to secure the Premises or equipment at Tenant's expense. Tenant has the right to modify, supplement, replace, upgrade, expand the Communication Facility (including, for example, increasing the number of antennas or adding microwave dishes) or relocate the Communication Facility within the Premises at any time during the Term. Tenant will be allowed to make such alterations to the Property in order to ensure that the Communication Facility complies with all applicable federal, state or local laws, rules or regulations. In the event Tenant desires to modify or upgrade the Communication Facility, in a manner that requires an additional portion of the Property (the "**Additional Premises**") for such modification or upgrade, Landlord agrees to lease to Tenant the Additional Premises, from a mutually agreed upon portion of the Property immediately north of the Communication Facility, upon the same terms and conditions set forth herein, except that the Rent shall increase, in conjunction with the lease of the Additional Premises by the amount equivalent

to the then-current per square foot rental rate charged by Landlord to Tenant times the square footage of the Additional Premises. Landlord agrees to take such actions and enter into and deliver to Tenant such documents as Tenant reasonably requests in order to effect and memorialize the lease of the Additional Premises to Tenant.

3. TERM.

(a) The initial lease term will be five (5) years (the "**Initial Term**"), commencing on the Effective Date (the "**Term Commencement Date**"). The Initial Term will terminate on the fifth (5th) anniversary of the Term Commencement Date.

(b) This Agreement will automatically renew for seventeen (17) additional five (5) year term(s) (each additional five (5) year term shall be defined as an "**Extension Term**"), upon the same terms and conditions set forth herein unless Tenant notifies Landlord in writing of Tenant's intention not to renew this Agreement at least sixty (60) days prior to the expiration of the Initial Term or the then-existing Extension Term.

(c) Unless (i) Landlord or Tenant notifies the other in writing of its intention to terminate this Agreement at least six (6) months prior to the expiration of the final Extension Term, or (ii) the Agreement is terminated as otherwise permitted by this Agreement prior to the end of the final Extension Term, this Agreement shall continue in force upon the same covenants, terms and conditions for a further term of one (1) year, and for annual terms thereafter ("**Annual Term**") until terminated by either party by giving to the other party written notice of its intention to so terminate at least six (6) months prior to the end of any such Annual Term. Monthly rent during such Annual Terms shall be equal to the Rent paid for the last month of the final Extension Term. If the Tenant remains in possession of the Premises after the termination of this Agreement, then Tenant will be deemed to be occupying the Premises on a month-to-month basis (the "**Holdover Term**"), subject to the terms and conditions of this Agreement.

(d) The Initial Term, any Extension Terms, any Annual Terms and any Holdover Term are collectively referred to as the "**Term**".

4. RENT.

(a) Commencing on Rent Commencement Date as defined below, Tenant will pay Landlord on or before the fifth (5th) day of each calendar month in advance, [REDACTED] (the "**Rent**"), which shall be deemed to include any applicable State, County or local sales or use tax, at the address set forth above or by electronic funds transfer. In any partial month occurring after the Rent Commencement Date, the Rent will be prorated. The initial Rent payment will be forwarded by Tenant to Landlord within forty-five (45) days after the Rent Commencement Date subject to the provisions of Section 24(k). The "**Rent Commencement Date**" shall mean the first day of the month following the date the Tenant commences construction of the Communication Facility; provided, however, in the event that Tenant has not commenced construction of the Communication Facility by the expiration of the Due Diligence Period, this Agreement shall automatically terminate and the parties shall be released from further liability or obligation hereunder except those obligations which specifically survive the expiration or termination of this Agreement.

(b) Upon the commencement of each Extension Term, the monthly Rent will increase by [REDACTED] over the Rent paid during the previous five (5) year term, effective the first day of the month in which the anniversary of the Rent Commencement Date occurs.

(c) All charges payable under this Agreement such as utilities and taxes shall be billed by Landlord within one (1) year from the end of the calendar year in which the charges were incurred; any charges beyond such period shall not be billed by Landlord and shall not be payable by Tenant. The foregoing shall not apply to monthly Rent which is due and payable without a requirement that it be billed by Landlord. The provisions of this subsection shall survive the termination or expiration of this Agreement.

(d) Landlord will agree that all payments due to Landlord from Tenant will be made by electronic funds transfer ("EFT"). Any cause for delay of payment to the Landlord from the Tenant due to the Landlord's change of financial institution or account as provided on the Direct Deposit form or the financial institution's actions or lack of action will not be considered a delay in or lack of payment by the Tenant. As a condition precedent to any payment, Landlord agrees to provide Tenant with completed payment forms, or the equivalent, upon execution of this Agreement and at such other times as may be reasonably requested by Tenant, including any change in Landlord's name or address.

(f) Tenant agrees to reimburse Landlord for Landlord's legal fees and costs incurred in negotiating this Agreement. Said reimbursement ("**Reimbursement Amount**") shall be provided within sixty (60) days of Landlord providing Tenant with a final invoice setting forth the legal fees and costs Landlord incurred, such fees and costs not to exceed [REDACTED]

5. APPROVALS.

(a) Attorney-In-Fact and Cooperation. Landlord agrees that Tenant's ability to use the Premises is contingent upon the suitability of the Premises and Property for the Permitted Use and Tenant's ability to obtain and maintain all Government Approvals. Landlord hereby irrevocably appoints Tenant or Tenant's agent as Landlord's agent to file such applications on behalf of Landlord with federal, state and local governmental authorities which relate to Tenant's Intended Use of the Property, including, but not limited to, land use and zoning applications. Landlord agrees to cooperate with Tenant in obtaining and maintaining, at Tenant's expense, all licenses and permits required for Tenant's use of the Property (the "Governmental Approval").

(b) Tenant has the right to obtain a title report or commitment for a leasehold title policy from a title insurance company of its choice and to have the Property surveyed by a surveyor of its choice.

(c) Tenant may also perform and obtain, at Tenant's sole cost and expense, soil borings, percolation tests, engineering procedures, environmental investigation or other tests or reports on, over, and under the Property, necessary to determine if Tenant's use of the Premises will be compatible with Tenant's engineering specifications, system, design, operations or Government Approvals. Any and all testing during the Due Diligence Period will not constitute construction for the purposes of the Rent Commencement.

6. TERMINATION. This Agreement may be terminated, without penalty or further liability, as follows:

(a) by either party on thirty (30) days prior written notice, if the other party remains in default under Section 15 of this Agreement after the applicable cure periods;

(b) by Tenant upon written notice to Landlord, if Tenant is unable to obtain, or maintain, any required approval(s) or the issuance of a license or permit by any agency, board, court or other governmental authority necessary for the construction or operation of the Communication Facility as now or hereafter intended by Tenant; or if Tenant determines, in its sole discretion that the cost of or delay in obtaining or retaining the same is commercially unreasonable;

(c) by Tenant, upon written notice to Landlord, if Tenant determines, in its sole discretion, due to the title report results or survey results, that the condition of the Premises is unsatisfactory for its intended uses;

(d) by Tenant upon written notice to Landlord for any reason or no reason, at any time prior to commencement of construction by Tenant; or

(e) by Tenant upon sixty (60) days' prior written notice to Landlord for any reason or no reason, so long as Tenant pays Landlord a termination fee equal to three (3) months' Rent, at the then-current rate, provided, however, that no such termination fee will be payable on account of the termination of this Agreement by Tenant under any termination provision contained in any other Section of this Agreement, including the following: Section 5 Approvals, Section 6(a) Termination, Section 6(b) Termination, Section 6(c) Termination, Section 6(d) Termination, Section 11(d) Environmental, Section 18 Condemnation or Section 19 Casualty.

7. INSURANCE. During the Term, Tenant will purchase and maintain in full force and effect such general liability policy as Tenant may deem necessary. Said policy of general liability insurance will at a minimum provide a combined single limit of [REDACTED] Notwithstanding the foregoing, Tenant shall have the right to self-insure such general liability coverage.

8. INTERFERENCE.

(a) Prior to or concurrent with the execution of this Agreement, Landlord has provided or will provide Tenant with a list of radio frequency user(s) and frequencies used on the Property as of the Effective Date. Tenant warrants that its use of the Premises will not interfere with those existing radio frequency uses on the Property, as long as the existing radio frequency user(s) operate and continue to operate within their respective frequencies and in accordance with all applicable laws and regulations.

(b) Landlord will not grant, after the Effective Date, a lease, license or any other right to any third party, if the exercise of such grant may in any way adversely affect or interfere with the Communication Facility, the operations of Tenant or the rights of Tenant under this Agreement.

(c) Landlord will not, nor will Landlord permit its employees, tenants, licensees, invitees, agents or independent contractors to interfere in any way with the Communication Facility, the operations of Tenant or the rights of Tenant under this Agreement. Landlord will cause such interference to cease within twenty-four (24) hours, or as soon as reasonably possible, after receipt of notice of interference from Tenant. In the event any such interference does not cease within the aforementioned cure period, Landlord shall cease all operations which are suspected of causing interference (except for intermittent testing to determine the cause of such interference) until the interference has been corrected.

(d) For the purposes of this Agreement, "interference" may include, but is not limited to, any use on the Property or Surrounding Property that causes electronic or physical obstruction with, or degradation of, the communications signals from the Communication Facility.

9. INDEMNIFICATION.

(a) Tenant agrees to indemnify, defend and hold Landlord harmless from and against any and all injury, loss, damage or liability, costs or expenses in connection with a third party claim (including reasonable attorneys' fees and court costs) arising directly from the installation, use, maintenance, repair or removal of the Communication Facility or Tenant's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Landlord, its employees, invitees, agents or independent contractors.

(b) Landlord agrees to indemnify, defend and hold Tenant harmless from and against any and all injury, loss, damage or liability, costs or expenses in connection with a third party claim (including reasonable attorneys' fees and court costs) arising directly from the actions or failure to act of Landlord, its employees, invitees, agents or independent contractors, or Landlord's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Tenant, its employees, agents or independent contractors.

(c) The indemnified party: (i) shall promptly provide the indemnifying party with written notice of any claim, demand, lawsuit, or the like for which it seeks indemnification pursuant to this Section 9 and provide the indemnifying party with copies of any demands, notices, summonses, or legal papers received in connection with such claim, demand, lawsuit, or the like; (ii) shall not settle any such claim, demand, lawsuit, or the like without the prior written consent of the indemnifying party; and (iii) shall fully cooperate with the indemnifying party in the defense of the claim, demand, lawsuit, or the like. A delay in notice shall not relieve the indemnifying party of its indemnity obligation, except (1) to the extent the indemnifying party can show it was prejudiced by the delay; and (2) the indemnifying party shall not be liable for any settlement or litigation expenses incurred before the time when notice is given.

10. WARRANTIES.

(a) Each of Tenant and Landlord (to the extent not a natural person) each acknowledge and represent that it is duly organized, validly existing and in good standing and has the right, power, and authority or capacity, as applicable, to enter into this Agreement and bind itself hereto through the party or individual set forth as signatory for the party below.

(b) Landlord represents, warrants and agrees that: (i) Landlord solely owns the Property as a legal lot in fee simple, or controls the Property by lease or license; (ii) the Property is not and will not be encumbered by any liens, restrictions, mortgages, covenants, conditions, easements, leases, or any other agreements of record or not of record, which would adversely affect Tenant's Permitted Use and enjoyment of the Premises under this Agreement, other than those liens and encumbrances shown on **Exhibit 2**; (iii) as long as Tenant is not in default beyond any applicable cure period then Landlord grants to Tenant sole, actual, quiet and peaceful use, enjoyment and possession of the Premises in accordance with the terms of this Agreement without hindrance or ejection by any persons lawfully claiming under Landlord; (iv) Landlord's 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 Landlord,

(c) Subordination and Non-Disturbance. This Lease shall be subject to and subordinate to any mortgage or deed to secure debt (collectively referred to as a "Mortgage") made by Landlord which may now or hereafter encumber the Premises and Easement(s), provided that no such subordination shall be effective unless the holder of every such Mortgage shall in a separate agreement with Tenant agree that in the event of a foreclosure, or conveyance in lieu of foreclosure of Landlord's interest in the Premises and Easement(s), such holder shall recognize and confirm the validity and existence of this Lease and that Tenant shall have the right to continue its use and occupancy of the Premises and Easement(s) in accordance with the provisions of this Lease as long as Tenant is not in default of this Lease beyond applicable notice and cure periods. Tenant shall execute in timely fashion such instruments as may reasonably be requested to evidence the provisions of this paragraph. Landlord represents and warrants that it has not granted any mortgage, deed of trust, or other security instrument encumbering the Property at any time after the Effective Date of this Agreement. Landlord further covenants not to grant any mortgage, deed of trust, or other security interest, or any interest whatsoever affecting the Site, the Leased Premises, or the Easements at any time between the Effective Date and the recordation date of the Memorandum of Lease.

11. ENVIRONMENTAL.

(a) Landlord represents and warrants, except as may be identified in **Exhibit 3** attached to this Agreement, (i) the Property, as of the Effective Date, is free of hazardous substances, including asbestos-containing materials and lead paint, and (ii) the Property has never been subject to any contamination or hazardous conditions resulting in any environmental investigation, inquiry or remediation. Landlord and Tenant agree that each will be responsible for compliance with any and all applicable governmental laws, rules, statutes, regulations, codes, ordinances, or principles of common law regulating or imposing standards of liability or standards of conduct with regard to protection of the environment or worker health and safety, as may now or at any time hereafter be in effect, to the extent such apply to that party's activity conducted in or on the Property.

(b) Landlord and Tenant agree to hold harmless and indemnify the other from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of the indemnifying party for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any action, notice, claim, order, summons, citation, directive, litigation, investigation or proceeding ("**Claims**"), to the extent arising from that party's breach of its obligations or representations under Section 11(a). Landlord agrees to hold harmless and indemnify Tenant from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of Landlord for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any Claims, to the extent arising from subsurface or other contamination of the Property with hazardous substances prior to the Rent Commencement Date or from such contamination caused by the acts or omissions of Landlord during the Term. Tenant agrees to hold harmless and indemnify Landlord from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of Tenant for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any Claims, to the extent arising from hazardous substances brought onto the Property by Tenant.

(c) The indemnification provisions contained in this Section 11 specifically include reasonable costs, expenses and fees incurred in connection with any investigation of Property conditions or any clean-up, remediation, removal or restoration work required by any governmental authority. The provisions of this Section 11 will survive the expiration or termination of this Agreement.

(d) In the event Tenant becomes aware of any hazardous materials on the Property, or any environmental, health or safety condition or matter relating to the Property, that, in Tenant's sole determination, renders the condition of the Premises or Property unsuitable for Tenant's use, or if Tenant believes that the leasing or continued leasing of the Premises would expose Tenant to undue risks of liability to a government agency or other third party, then Tenant will have the right, in addition to any other rights it may have at law or in equity, to terminate this Agreement upon written notice to Landlord.

12. ACCESS. At all times throughout the Term of this Agreement, and at no additional charge to Tenant, Tenant and its employees, agents, and subcontractors, will have twenty-four (24) hour per day, seven (7) day per week pedestrian and vehicular access ("**Access**") to and over the Property, from an open and improved public road to the Premises, for the installation, maintenance and operation of the Communication Facility and any

utilities or fiber serving the Premises. If Tenant elects to utilize an Unmanned Aircraft System ("UAS") in connection with its installation, construction, monitoring, site audits, inspections, maintenance, repair, modification, or alteration activities at the Property, Landlord hereby grants Tenant, or any UAS operator acting on Tenant's behalf, express permission to fly over the applicable Property and Premises, and consents to the use of audio and video navigation and recording in connection with the use of the UAS. As may be described more fully in **Exhibit 1**, Landlord grants to Tenant an easement for such Access and Landlord agrees to provide to Tenant such codes, keys and other instruments necessary for such Access at no additional cost to Tenant. Upon Tenant's request, Landlord will execute a separate recordable easement evidencing this right. Landlord shall execute a letter granting Tenant Access to the Property substantially in the form attached as **Exhibit 5**; upon Tenant's request, Landlord shall execute additional letters during the Term. Landlord acknowledges that in the event Tenant cannot obtain Access to the Premises, Tenant shall incur significant damage. If Landlord fails to provide the Access granted by this Section 12, such failure shall be a default under this Agreement. In connection with such default, in addition to any other rights or remedies available to Tenant under this Agreement or at law or equity, Landlord shall pay Tenant, as liquidated damages and not as a penalty, [REDACTED] until Landlord provides Access to the Premises pursuant to the terms of this Section. Landlord acknowledges and agrees Tenant may take a credit against any future payments of Rent, without notification to Landlord, of the amount of such liquidated damages. Landlord and Tenant agree that Tenant's damages in the event of a denial of Access are difficult, if not impossible, to ascertain, and the liquidated damages set forth above are a reasonable approximation of such damages.

13. REMOVAL/RESTORATION. All portions of the Communication Facility brought onto the Property by Tenant will be and remain Tenant's personal property and, at Tenant's option, may be removed by Tenant at any time during or after the Term. Landlord covenants and agrees that no part of the Communication Facility constructed, erected or placed on the Premises by Tenant will become, or be considered as being affixed to or a part of, the Property, it being the specific intention of Landlord that all improvements of every kind and nature constructed, erected or placed by Tenant on the Premises will be and remain the property of Tenant and may be removed by Tenant at any time during or after the Term. Tenant will repair any damage to the Property resulting from Tenant's removal activities. Any portions of the Communication Facility that Tenant does not remove within one hundred twenty (120) days after the later of the end of the Term and cessation of Tenant's operations at the Premises shall be deemed abandoned and owned by Landlord. Notwithstanding the foregoing, Tenant will not be responsible for the replacement of any trees, shrubs or other vegetation.

14. MAINTENANCE/UTILITIES.

(a) Tenant will keep and maintain the Premises in good condition, reasonable wear and tear and damage from the elements excepted. Landlord will maintain and repair the Property and access thereto and all areas of the Premises where Tenant does not have exclusive control, in good and tenantable condition, subject to reasonable wear and tear and damage from the elements. Landlord will be responsible for maintenance of landscaping on the Property, including any landscaping installed by Tenant as a condition of this Agreement or any required permit.

(b) Tenant will be responsible for paying on a monthly or quarterly basis all utilities charges for electricity, telephone service or any other utility used or consumed by Tenant on the Premises. In the event Tenant cannot secure its own metered electrical supply, Tenant will have the right, at its own cost and expense, to sub-meter from Landlord. When sub-metering is required under this Agreement, Landlord will read the meter and provide Tenant with an invoice and usage data on a monthly basis. Tenant shall reimburse Landlord for such utility usage at the same rate charged to Landlord by the utility service provider. Landlord further agrees to provide the usage data and invoice on forms provided by Tenant and to send such forms to such address and/or agent designated by Tenant. Tenant will remit payment within sixty (60) days of receipt of the usage data and required forms. Landlord shall maintain accurate and detailed records of all utility expenses, invoices and payments applicable to Tenant's reimbursement obligations hereunder. Within fifteen (15) days after a request from Tenant, Landlord shall provide copies of such utility billing records to the Tenant in the form of copies of invoices, contracts and cancelled checks. If the utility billing records reflect an overpayment by Tenant, Tenant shall have the right to deduct the amount of such overpayment from any monies due to Landlord from Tenant.

(c) As noted in Section 4(c) above, any utility fee recovery by Landlord is limited to a twelve (12) month period. If Tenant submeters electricity from Landlord, Landlord agrees to give Tenant at least twenty-four (24) hours advance notice of any planned interruptions of said electricity. Landlord acknowledges that Tenant provides a communication service which requires electrical power to operate and must operate twenty-four (24) hours per day, seven (7) days per week. If the interruption is for an extended period of time, in Tenant's reasonable determination, Landlord agrees to allow Tenant the right to bring in a temporary source of power for the duration of the interruption. Landlord will not be responsible for interference with, interruption of or failure, beyond the reasonable control of Landlord, of such services to be furnished or supplied by Landlord.

(d) Tenant will have the right to install utilities and fiber on the Property and the Premises, at Tenant's expense and discretion of such utility and/or fiber provider, and to improve present utilities and/or fiber on the Property and the Premises; by way of example, such utilities shall include overhead and underground electric, water, data transmission, and other necessary utility facilities (including guys, wires, poles, and other appurtenant equipment). Landlord hereby grants to Tenant and any service company providing utility, fiber or similar services, including electric power and telecommunications, to Tenant an easement over the Property, from an open and improved public road to the Premises, and upon the Premises, for the purpose of constructing, operating and maintaining such lines, guys, wires, poles, circuits, and conduits, associated equipment cabinets, and such appurtenances thereto, as such service companies may from time to time require in order to provide such services to the Premises. Upon Tenant's or service company's request, Landlord will execute a separate recordable easement evidencing this grant, at no cost to Tenant or the service company.

15. DEFAULT AND RIGHT TO CURE.

(a) The following will be deemed a default by Tenant and a breach of this Agreement: (i) non-payment of Rent if such Rent remains unpaid for more than thirty (30) days after receipt of written notice from Landlord of such failure to pay; or (ii) Tenant's failure to perform any other term or condition under this Agreement within sixty (60) days after receipt of written notice from Landlord specifying the failure. No such failure, however, will be deemed to exist if Tenant has commenced to cure such default within such period and provided that such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Tenant. If Tenant remains in default beyond any applicable cure period, then Landlord will have the right to exercise any and all rights and remedies available to it under law and equity.

(b) The following will be deemed a default by Landlord and a breach of this Agreement: (i) Landlord's failure to provide Access to the Premises as required by Section 12 within forty-eight (48) hours, after written notice of such failure; (ii) Landlord's failure to cure an interference problem as required by Section 8 within seventy-two (72) hours after written notice of such failure; or (iii) Landlord's failure to perform any term, condition or breach of any warranty or covenant under this Agreement within sixty (60) days after written notice from Tenant specifying the failure. No such failure, however, will be deemed to exist if Landlord has commenced to cure the default within such period and provided such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Landlord. If Landlord remains in default beyond any applicable cure period, Tenant will have: (i) the right to cure Landlord's default and to deduct the costs of such cure from any monies due to Landlord from Tenant, and (ii) any and all other rights available to it under law and equity.

16. ASSIGNMENT/SUBLEASE.

(a) Tenant will have the right to assign this Agreement or sublease the Premises and its rights herein, in whole or in part, without Landlord's consent. Upon notification to Landlord of such assignment, Tenant will be relieved of all future performance, liabilities and obligations under this Agreement to the extent of such assignment.

(b) Tenant's lessee(s), licensee(s) and subtenant(s) shall be entitled to modify the Communication Facilities and to erect additional improvements on the Premises, including, but not limited to antennas, dishes, cabling, additional storage buildings or equipment shelters as are reasonably required for the operation and maintenance of the communications equipment, together with rights of ingress and egress to the Premises and

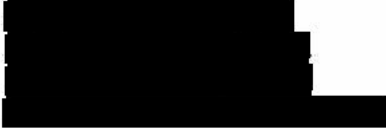
the right to install utilities and fiber to and on the Premises as if said lessee, licensee or subtenant were the Tenant under this Agreement.

17. **NOTICES.** All notices, requests and demands hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties hereto as follows:

If to Tenant: Harmoni Towers AssetCo, LLC
 Attn: Real Estate Administration
 6210 Ardrey Kell Road, Suite 450
 Charlotte, North Carolina 28277
 REAdmin@harmonitowers.com

cc: Harmoni Towers AssetCo, LLC
 Attn: General Counsel
 6210 Ardrey Kell Road, Suite 450
 Charlotte, North Carolina 28277

For Emergencies: NOC@harmonitowers.com

If to Landlord: Jane Bowman
 

Either party hereto may change the place for the giving of notice to it by thirty (30) days' prior written notice to the other party hereto as provided herein.

18. **CONDEMNATION.** In the event Landlord receives notification of any condemnation proceedings affecting the Property, Landlord will provide notice of the proceeding to Tenant within twenty-four (24) hours. If a condemning authority takes all of the Property, or a portion sufficient, in Tenant's sole determination, to render the Premises unsuitable for Tenant, this Agreement will terminate as of the date the title vests in the condemning authority. The parties will each be entitled to pursue their own separate awards in the condemnation proceeds, which for Tenant will include, where applicable, the value of its Communication Facility, moving expenses, prepaid Rent, and business dislocation expenses. Tenant will be entitled to reimbursement for any prepaid Rent on a *pro rata* basis.

19. **CASUALTY.** Landlord will provide notice to Tenant of any casualty or other harm affecting the Property within forty-eight (48) hours of the casualty or other harm. If any part of the Communication Facility or the Property is damaged by casualty or other harm as to render the Premises unsuitable, in Tenant's sole determination, then Tenant may terminate this Agreement by providing written notice to Landlord, which termination will be effective as of the date of such casualty or other harm. Upon such termination, Tenant will be entitled to collect all insurance proceeds payable to Tenant on account thereof and to be reimbursed for any prepaid Rent on a *pro rata* basis. Landlord agrees to permit Tenant to place temporary transmission and reception facilities on the Property, but only until such time as Tenant is able to activate a replacement transmission facility at another location; notwithstanding the termination of this Agreement, such temporary facilities will be governed by all of the terms and conditions of this Agreement, including Rent. If Landlord or Tenant undertakes to rebuild or restore the Premises and/or the Communication Facility, as applicable, Landlord agrees to permit Tenant to place temporary transmission and reception facilities on the Property at no additional Rent until the reconstruction of the Premises and/or the Communication Facility is completed. If Landlord determines not to

rebuild or restore the Property, Landlord will notify Tenant of such determination within thirty (30) days after the casualty or other harm. If Landlord does not so notify Tenant and Tenant decides not to terminate under this Section 19, then Landlord will promptly rebuild or restore any portion of the Property interfering with or required for Tenant's Permitted Use of the Premises to substantially the same condition as existed before the casualty or other harm. Landlord agrees that the Rent shall be abated until the Property and/or the Premises are rebuilt or restored, unless Tenant places temporary transmission and reception facilities on the Property.

20. WAIVER OF LANDLORD'S LIENS. Landlord waives any and all lien rights it may have, statutory or otherwise, concerning the Communication Facility or any portion thereof. The Communication Facility shall be deemed personal property for purposes of this Agreement, regardless of whether any portion is deemed real or personal property under applicable law; Landlord consents to Tenant's right to remove all or any portion of the Communication Facility from time to time in Tenant's sole discretion and without Landlord's consent.

21. TAXES.

(a) Landlord shall be responsible for (i) all taxes and assessments levied upon the lands, improvements and other property of Landlord including any such taxes that may be calculated by a taxing authority using any method, including the income method, (ii) all sales, use, license, value added, documentary, stamp, gross receipts, registration, real estate transfer, conveyance, excise, recording, and other similar taxes and fees imposed in connection with this Agreement, the sale of the Property or an assignment of the Rent payments by Landlord to a third party. Tenant shall be responsible for (y) any taxes and assessments attributable to and levied upon Tenant's leasehold improvements on the Premises and (z) all sales, use, license, value added, documentary, stamp, gross receipts, registration, real estate transfer, conveyance, excise, recording, and other similar taxes and fees imposed in connection with an assignment of this Agreement or sublease by Tenant. Nothing herein shall require Tenant to pay any inheritance, franchise, income, payroll, excise, privilege, rent, capital stock, stamp, documentary, estate or profit tax, or any tax of similar nature, that is or may be imposed upon Landlord.

(b) In the event Landlord receives a notice of assessment for which all or a portion of such taxes or assessments are imposed on Tenant's leasehold improvements, Landlord shall provide Tenant with copies of such notice upon receipt, but in no event later than thirty (30) days after the date of such notice of assessment. If Landlord does not provide such notice to Tenant in a timely manner and Tenant's rights with respect to such taxes are prejudiced by the delay, Landlord shall reimburse Tenant for any increased costs directly resulting from the delay and Landlord shall be responsible for payment of the portion of tax or assessment imposed on Tenant's leasehold improvements and Landlord shall not have the right to reimbursement of such amount from Tenant. For any request of reimbursement by Tenant, Landlord shall, no later than thirty (30) days after Landlord's payment of the taxes or assessments, provide Tenant with a request for reimbursement with accompanying evidence of Landlord's timely payment to the taxing authority ("Tax Reimbursement Request"). Subject to Section 21(c), Tenant shall reimburse Landlord within thirty (30) days from the Tax Reimbursement Request. Landlord shall provide to Tenant any other documentation reasonably requested by Tenant to allow Tenant to evaluate the payment and to reimburse Landlord. For the sake of clarity, in the event Landlord fails to pay any tax or assessment within such time period identified in the tax bill or notice of assessment, Tenant is under no obligation to provide reimbursement for any late fees or penalties.

(c) For any tax amount for which Tenant is responsible under this Agreement, Tenant shall have the right to contest, in good faith, the validity or the amount thereof using such administrative, appellate or other proceedings as may be appropriate in the jurisdiction, and may defer payment of such obligations, pay same under protest, or take such other steps as permitted by law. This right shall include the ability to institute any legal, regulatory or informal action in the name of Landlord, Tenant, or both, with respect to the valuation of the Premises. Landlord shall cooperate with respect to the commencement and prosecution of any such proceedings and will execute any documents required therefor. The expense of any such proceedings shall be borne by Tenant and any refunds or rebates secured as a result of Tenant's action shall belong to Tenant, to the extent the amounts were originally paid by Tenant.

(d) Landlord shall not split or cause the tax parcel on which the Premises are located to be split, bifurcated, separated or divided without the prior written consent of Tenant.

(e) Promptly after the Effective Date, Landlord shall provide the Notice address set forth in Section 17 to the taxing authority for the authority's use in the event the authority needs to communicate with Tenant. In the event that Tenant's tax address changes by notice to Landlord, Landlord shall be required to provide Tenant's new tax address to the taxing authority or authorities.

(f) Notwithstanding anything to the contrary contained in this Section 21, Tenant shall have no obligation to reimburse any tax or assessment for which the Landlord is reimbursed or rebated by a third party.

22. SALE OF PROPERTY.

(a) Landlord may sell the Property or a portion thereof to a third party, provided: (i) the sale is made subject to the terms of this Agreement; and (ii) if the sale does not include the assignment of Landlord's full interest in this Agreement, the purchaser must agree to perform, without requiring compensation from Tenant or any subtenant, any obligation of Landlord under this Agreement, including Landlord's obligation to cooperate with Tenant as provided hereunder.

(b) If Landlord, at any time during the Term of this Agreement, decides to rezone or sell, subdivide or otherwise transfer all or any part of the Premises, or all or any part of the Property or the Surrounding Property, to a purchaser other than Tenant, Landlord shall promptly notify Tenant in writing, and such rezoning, sale, subdivision or transfer shall be subject to this Agreement and Tenant's rights hereunder. In the event of a change in ownership, transfer or sale of the Property, within ten (10) days of such transfer, Landlord or its successor shall send the documents listed below in this Section 22(b) to Tenant. Until Tenant receives all such documents, Tenant's failure to make payments under this Agreement shall not be an event of default and Tenant 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. Copy of current Tax Bill
- v. New IRS Form W-9
- vi. Completed and Signed Tenant Payment Direction Form
- vii. Full contact information for new Landlord including phone number(s)

(c) Landlord agrees not to sell, lease or use any areas of the Property or the Surrounding Property for the installation, operation or maintenance of other wireless communication facilities if such installation, operation or maintenance would interfere with Tenant's Permitted Use or communications equipment as determined by radio propagation tests performed by Tenant in its sole discretion without the prior consent of Tenant, which consent may be withheld in Tenant's sole discretion.

(d) The provisions of this Section 22 shall in no way limit or impair the obligations of Landlord under this Agreement, including interference and access obligations.

23. RIGHT OF FIRST REFUSAL. Notwithstanding the provisions contained in Section 22, if at any time after the Effective Date, Landlord receives a bona fide written offer from a third party seeking any sale, conveyance, assignment or transfer, whether in whole or in part, of any property interest in or related to the Premises, including without limitation any offer seeking an assignment or transfer of the Rent payments associated with this Agreement or an offer to purchase an easement with respect to the Premises ("Offer"), Landlord shall immediately furnish Tenant with a copy of the Offer. Tenant shall have the right within ninety (90) days after it receives such copy to match the Offer and agree in writing (the "Exercise Notice") to match the financial terms of the Offer. For the avoidance of doubt, to exercise its rights under this Section 23, Tenant shall not be required to match any compensation due to parties unrelated to Landlord, including but not limited to broker compensation. The Exercise Notice shall be in the form of a contract substantially similar to the Offer (matching the financial terms); provided, however, that Landlord and Tenant acknowledge and agree that the Exercise Notice is intended to be a letter of intent or similar, and the parties shall thereafter negotiate in good faith the documents reasonably required to consummate Tenant's exercise of its rights under this Section 23. Tenant may assign its rights to a third party under this Section 23. If Tenant chooses not to exercise this right or

fails to provide written notice to Landlord within the ninety (90) day period, Landlord may sell, convey, assign or transfer such property interest in or related to the Premises pursuant to the Offer, subject to the terms of this Agreement. If Landlord attempts to sell, convey, assign or transfer such property interest in or related to the Premises without complying with this Section 23, the sale, conveyance, assignment or transfer shall be void. Tenant shall not be responsible for any failure to make payments under this Agreement and reserves the right to hold payments due under this Agreement until Landlord complies with this Section 23. Tenant's failure to exercise the right of first refusal shall not be deemed a waiver of the rights contained in this Section 23 with respect to any future proposed conveyances as described herein.

24. MISCELLANEOUS.

(a) **Amendment/Waiver.** This Agreement cannot be amended, modified or revised unless done in writing and signed by Landlord and Tenant. No provision may be waived except in a writing signed by both parties. The failure by a party to enforce any provision of this Agreement or to require performance by the other party will not be construed to be a waiver, or in any way affect the right of either party to enforce such provision thereafter.

(b) **Memorandum/Short Form Lease.** Contemporaneously with the execution of this Agreement, the parties will execute a recordable Memorandum of Lease substantially in the form attached as **Exhibit 6**. Either party may record this Memorandum of Lease at any time during the Term, in its absolute discretion.

(c) **Limitation of Liability.** Except for the indemnity obligations set forth in this Agreement, and otherwise notwithstanding anything to the contrary in this Agreement, Tenant and Landlord each waives any claims that each may have against the other with respect to consequential, incidental or special damages, however caused, based on any theory of liability.

(d) **Compliance with Law.** Tenant agrees to comply with all federal, state and local laws, orders, rules and regulations ("Laws") applicable to Tenant's use of the Communication Facility on the Property. Landlord agrees to comply with all Laws relating to Landlord's ownership and use of the Property and any improvements on the Property.

(e) **Bind and Benefit.** The terms and conditions contained in this Agreement will run with the Property and bind and inure to the benefit of the parties, their respective heirs, executors, administrators, successors and assigns.

(f) **Entire Agreement.** This Agreement and the exhibits attached hereto, all being a part hereof, constitute the entire agreement of the parties hereto and will supersede all prior offers, negotiations and agreements with respect to the subject matter of this Agreement. Exhibits are numbered to correspond to the Section wherein they are first referenced. Except as otherwise stated in this Agreement, each party shall bear its own fees and expenses (including the fees and expenses of its agents, brokers, representatives, attorneys, and accountants) incurred in connection with the negotiation, drafting, execution and performance of this Agreement and the transactions it contemplates.

(g) **Governing Law.** This Agreement will be governed by the laws of the state in which the Premises are located, without regard to conflicts of law.

(h) **Interpretation.** Unless otherwise specified, the following rules of construction and interpretation apply: (i) captions are for convenience and reference only and in no way define or limit the construction of the terms and conditions hereof; (ii) use of the term "including" will be interpreted to mean "including but not limited to"; (iii) whenever a party's consent is required under this Agreement, except as otherwise stated in the Agreement or as same may be duplicative, such consent will not be unreasonably withheld, conditioned or delayed; (iv) exhibits are an integral part of this Agreement and are incorporated by reference into this Agreement; (v) use of the terms "termination" or "expiration" are interchangeable; (vi) reference to a default will take into consideration any applicable notice, grace and cure periods; (vii) to the extent there is any issue with respect to any alleged, perceived or actual ambiguity in this Agreement, the ambiguity shall not be resolved on the basis of who drafted the Agreement; (viii) the singular use of words includes the plural where appropriate; and (ix) if any provision of this Agreement is held invalid, illegal or unenforceable, the remaining provisions of this Agreement shall remain in full force if the overall purpose of the Agreement is not rendered impossible and the original purpose, intent or consideration is not materially impaired.

(i) **Affiliates.** All references to "Tenant" shall be deemed to include any of its Affiliate of Harmoni Towers AssetCo, LLC using the Premises for any Permitted Use or otherwise exercising the rights of Tenant pursuant to this Agreement. "Affiliate" means with respect to a party to this Agreement, any person or entity that (directly or indirectly) controls, is controlled by, or under common control with, that party. "Control" of a person or entity means the power (directly or indirectly) to direct the management or policies of that person or entity, whether through the ownership of voting securities, by contract, by agency or otherwise.

(j) **Survival.** Any provisions of this Agreement relating to indemnification shall survive the termination or expiration hereof. In addition, any terms and conditions contained in this Agreement that by their sense and context are intended to survive the termination or expiration of this Agreement shall so survive.

(k) **W-9.** As a condition precedent to payment, Landlord agrees to provide Tenant with a completed IRS Form W-9, or its equivalent, upon execution of this Agreement and at such other times as may be reasonably requested by Tenant, including any change in Landlord's name or address.

(l) **Execution/No Option.** The submission of this Agreement to any party for examination or consideration does not constitute an offer, reservation of or option for the Premises based on the terms set forth herein. This Agreement will become effective as a binding Agreement only upon the handwritten legal execution, acknowledgment and delivery hereof by Landlord and Tenant. This Agreement may be executed in two (2) or more counterparts, all of which shall be considered one and the same agreement and shall become effective when one or more counterparts have been signed by each of the parties. All parties need not sign the same counterpart.

(m) **Attorneys' Fees.** In the event that any dispute between the parties related to this Agreement should result in litigation, the prevailing party in such litigation shall be entitled to recover from the other party all reasonable fees and expenses of enforcing any right of the prevailing party, including reasonable attorneys' fees and expenses. Prevailing party means the party determined by the court to have most nearly prevailed even if such party did not prevail in all matters. This provision will not be construed to entitle any party other than Landlord, Tenant and their respective Affiliates to recover their fees and expenses.

(n) **WAIVER OF JURY TRIAL.** EACH PARTY, TO THE EXTENT PERMITTED BY LAW, KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO A TRIAL BY JURY IN ANY ACTION OR PROCEEDING UNDER ANY THEORY OF LIABILITY ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS AGREEMENT OR THE TRANSACTIONS IT CONTEMPLATES.

(o) **Incidental Fees.** Unless specified in this Agreement, no unilateral fees or additional costs or expenses are to be applied by either party to the other party, including review of plans, structural analyses, consents, provision of documents or other communications between the parties.

(p) **Further Acts.** Upon request, Landlord will cause to be promptly and duly taken, executed, acknowledged and delivered all such further acts, documents, and assurances as Tenant may request from time to time in order to effectuate, carry out and perform all of the terms, provisions and conditions of this Agreement and all transactions and permitted use contemplated by this Agreement.

(q) **Exclusivity.** Landlord agrees not to lease any of Landlord's property within a radius of five (5) miles from the Premises for construction of a tower, for the construction or for use as a communications facility or for the operation of an antenna site leasing business which competes directly or indirectly with Tenant.

(r) **Confidentiality.** Landlord agrees that the terms of this Agreement shall be strictly confidential, and that Landlord shall not disclose any of the terms hereof to any third party, except with Tenant's prior written consent, which consent may be withheld in Tenant's sole discretion. Notwithstanding the foregoing, Landlord is permitted to disclose the terms of this Agreement to its attorneys, accountants and lenders, with any such party acknowledging and agreeing to the confidentiality terms as set forth herein.

(s) **Force Majeure.** No party shall be liable or responsible to the other party, nor be deemed to have defaulted under or breached this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement, when and to the extent such failure or delay is caused by or results from acts beyond the affected party's reasonable control, including, without limitation: (a) acts of God; (b) flood, fire, earthquake, or explosion; (c) war, invasion, hostilities (whether war is declared or not), terrorist threats or acts, riot, or other civil unrest; (d) government order or law; (e) embargoes, or blockades in effect on or after the date of this Agreement; (f) action by any governmental authority; (g) national or regional emergency or epidemics; and (h) strikes, labor stoppages or slowdowns, or other industrial disturbances. The party suffering a force majeure event shall give

written notice to the other party, stating the period of time the occurrence is expected to continue and shall use diligent efforts to end the failure or delay and ensure the effects of such force majeure event are minimized.

(t) **Self Help.** Without limiting Tenant's to terminate this Lease pursuant to Section 18(a) hereof, in case of a breach of any covenant or term hereof by the Landlord, the Tenant may, in its sole discretion, elect to remedy the Landlord's breach, which remedy shall not operate or be construed as a waiver of the Tenant's rights herein to recover the cost of such remedy from the Landlord by setoff or otherwise, and the Landlord shall indemnify the Tenant from any and all costs, expenses, reasonable attorney fees and litigation expenses as may be incurred by the Tenant in performing the Landlord's obligations hereunder.

[SIGNATURES APPEAR ON NEXT PAGE]

"TENANT"

HARMONI TOWERS ASSETCO, LLC

By: Nancy Venturilli
Print Name: Nancy Venturilli
Its: Director Contracts
Date: 4/17/2024

TENANT ACKNOWLEDGMENT

STATE OF North Carolina

COUNTY OF Mecklenburg

On the 17 day of April, 2024 before me personally appeared Nancy Venturilli who acknowledged under oath that he/ (she) is the Director Contracts Admin. of Harmoni Towers AssetCo, LLC, the Tenant named in the attached instrument, and as such was authorized to execute this instrument on behalf of the Tenant.



Emily Jenkins
Notary Public: Emily Jenkins
My Commission Expires: 9/28/2026

EXHIBIT 1

DESCRIPTION OF PROPERTY, PREMISES, AND EASEMENTS

Page 1 of 6

to the Lease Agreement dated April 17, 2024, by and between Jane Bowman, a single woman, as Landlord, and Harmoni Towers AssetCo, LLC, a Delaware limited liability company, as Tenant.

The Property is legally described as follows:

PARENT TRACT DESCRIPTION (PROVIDED BY OTHERS)

Property located in Metcalfe County, Kentucky

The following described real estate lying and being in Metcalfe County, Kentucky, and more particularly described as follows:

Consisting of 200 acres, more or less, situated 12 miles East of Glasgow, Kentucky, on the Glasgow-Burkesville Road, bounded and described as follows: Beginning at a stone on the North side of the Burkesville Road, thence South 3 degrees West 94-1/8 poles to a stone in Sartin's line; thence South 87 degrees East 43 poles to a stone; thence South 4 degrees West 218 poles to a stone in Kingrey's line; thence East 78 poles to a stone in Asberry Hapes line; thence North 4 degrees East 216 poles to a stone; thence North 84 degrees East 8-1/8 poles to a stone; thence North 21 degrees East 92 poles to a stone, on South side of Burkesville Road; thence with said Road North 78 degrees West 22 1/2 poles; thence North 59 poles to a stone in Joel Taylor's line; thence North 87 degrees West 144 poles to a stone; thence South 6 degrees West 55 poles to a stone; thence North 84 degrees East 6 poles to the beginning.

LESS AND EXCEPT that portion of property conveyed to Clint Sharp and Christine Sharp from Jane Bowman by Deed dated November 26, 1997 and recorded December 5, 1998 in Deed Book 102, Page 261.

AND BEING the same property conveyed to Jane Bowman from Clyde K. Bowman and Betty Bowman by Deed dated March 17, 1985 and recorded February 6, 1986 in Deed Book 76, Page 513.

Tax Parcel No. 017-00-00-012.00

The Premises are described and/or depicted as follows:

LEASE AREA

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:

Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;

Thence traversing said Bowman property S 77°06'21" W - 195.16' to a set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Lease Area;

Thence S 10°52'47" W - 100.00' to a set iron rod with a cap stamped "FStan 3282";

Thence N 79°07'13" W - 100.00' to a set iron rod with a cap stamped "FStan 3282";

Thence N 10°52'47" E - 100.00' to a set iron rod with a cap stamped "FStan 3282";

Thence S 79°07'13" E - 100.00' to the point of beginning, containing 10,000.00 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023.

The Easements are described and/or depicted as follows:

ACCESS & UTILITY EASEMENT

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:

Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lola Browster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;

Thence traversing said Bowman property S 77°06'21" W - 195.16' to set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Access & Utility Easement;

Thence S 79°07'13" E - 30.00' to set iron rod with a cap stamped "FStan 3282";

Thence S 10°52'47" W - 47.62' to set iron rod with a cap stamped "FStan 3282";

Thence along a curve to the right with a radius of 80.00' and a chord of S 24°56'20" E - 101.71' to set iron rod with a cap stamped "FStan 3282";

Thence S 13°37'59" W - 2.62' to set iron rod with a cap stamped "FStan 3282" on the north right-of-way line of Summer Shade Road;

Thence with said Right-of-way N 79°07'13" W - 30.00' to set iron rod with a cap stamped "FStan 3282";

Thence leaving said Summer Shade Road and traversing said Bowman property N 13°22'16" E - 5.54' to set iron rod with a cap stamped "FStan 3282";

Thence along a curve to the left with a radius of 50.00' and a chord of N 32°52'29" W - 72.23' to set iron rod with a cap stamped "FStan 3282";

Thence N 79°07'13" W - 9.68' to set iron rod with a cap stamped "FStan 3282" on the east line of the Lease Area;

Thence with said east line N 10°52'47" E - 75.00' to the point of beginning, containing 4,952.62 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023.

ACCESS & UTILITY EASEMENT

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:

Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dots and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;

Thence traversing said Bowman property S 77°06'21" W - 195.16' to set iron rod with a cap stamped "FStan 3282", and being the northeast corner of the Access & Utility Easement;

Thence with the perimeter of said Access & Utility Easement for the next two (2) calls: (1) S 79°07'13" E - 30.00' to set iron rod with a cap stamped "FStan 3282";

Thence (2) S 10°52'47" W - 37.44' To set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Utility Easement;

Thence leaving said Access & Utility Easement S 68°07'33" E - 357.07' to set iron rod with a cap stamped "FStan 3282";

Thence S 21°52'27" W - 10.00' to set iron rod with a cap stamped "FStan 3282";

Thence N 68°07'33" W - 355.13' to set iron rod with a cap stamped "FStan 3282" on the east line of said Access & Utility Easement;

Thence with said east line N 10°52'47" E - 10.19' to the point of beginning, containing 3,561.03 square feet as per survey by Frank L. Sallinger, II dated March 20, 2023.

Notes:

1. THIS EXHIBIT MAY BE REPLACED BY A LAND SURVEY AND/OR CONSTRUCTION DRAWINGS OF THE PREMISES ONCE RECEIVED BY TENANT.
2. ANY SETBACK OF THE PREMISES FROM THE PROPERTY'S BOUNDARIES SHALL BE THE DISTANCE REQUIRED BY THE APPLICABLE GOVERNMENT AUTHORITIES.
3. WIDTH OF ACCESS ROAD SHALL BE THE WIDTH REQUIRED BY THE APPLICABLE GOVERNMENT AUTHORITIES, INCLUDING POLICE AND FIRE DEPARTMENTS.
4. THE TYPE, NUMBER AND MOUNTING POSITIONS AND LOCATIONS OF ANTENNAS AND TRANSMISSION LINES ARE ILLUSTRATIVE ONLY. ACTUAL TYPES, NUMBERS AND MOUNTING POSITIONS MAY VARY FROM WHAT IS SHOWN ABOVE.

SHEET 3

-  - LEGAL DESCRIPTIONS (LEASE AREA)
-  - LEGAL DESCRIPTIONS (ACCESS ESMIT)
-  - LEGAL DESCRIPTIONS (UTILITY ESMIT)
-  - LEGAL DESCRIPTIONS (PARENT TRACT)

LEGAL DESCRIPTIONS:

This is a description for Verizon Wireless, of a lease area to be located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:



LEASE AREA

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:
 Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;
 Thence traversing said Bowman property S 77°06'21" W - 195.16' to a set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Lease Area;
 Thence S 10°52'47" W - 100.00' to a set iron rod with a cap stamped "FStan 3282";
 Thence N 79°07'13" W - 100.00' to a set iron rod with a cap stamped "FStan 3282";
 Thence N 10°52'47" E - 100.00' to a set iron rod with a cap stamped "FStan 3282";
 Thence S 79°07'13" E - 100.00' to the point of beginning, containing 10,000.00 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023.



ACCESS & UTILITY EASEMENT

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:
 Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;
 Thence traversing said Bowman property S 77°06'21" W - 195.16' to set iron rod with a cap stamped "FStan 3282", and being the northeast corner of the Access & Utility Easement;
 Thence with the perimeter of said Access & Utility Easement for the next two (2) calls: (1) S 79°07'13" E - 30.00' to set iron rod with a cap stamped "FStan 3282";
 Thence (2) S 10°52'47" W - 32.44' to set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Utility Easement;
 Thence leaving said Access & Utility Easement S 68°07'33" E - 357.07' to set iron rod with a cap stamped "FStan 3282";
 Thence S 21°52'27" W - 10.00' to set iron rod with a cap stamped "FStan 3282";
 Thence N 68°07'33" W - 353.13' to set iron rod with a cap stamped "FStan 3282" on the east line of said Access & Utility Easement;
 Thence with said east line N 10°52'47" E - 10.19' to the point of beginning, containing 3,561.03 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023.



ACCESS & UTILITY EASEMENT

Being located on the property conveyed to Jane Bowman in Deed Book 76, Page 513, Metcalfe County, Kentucky which is further described as follows:
 Commencing at a 1/2" rebar found at a southwest of the property conveyed to Dale and Lela Brewster in Deed Book 113, Page 585 of the Metcalfe County Clerk's Office, and being a common corner of said Bowman Property;
 Thence traversing said Bowman property S 77°06'21" W - 195.16' to set iron rod with a cap stamped "FStan 3282", and being the True Point of Beginning of the Access & Utility Easement;
 Thence S 79°07'13" E - 30.00' to set iron rod with a cap stamped "FStan 3282";
 Thence S 10°52'47" W - 47.62' to set iron rod with a cap stamped "FStan 3282";
 Thence along a curve to the right with a radius of 80.00' and a chord of S 24°56'20" E - 101.71' to set iron rod with a cap stamped "FStan 3282";
 Thence S 13°37'59" W - 2.62' to set iron rod with a cap stamped "FStan 3282" on the north right-of-way line of Summer Shade Road;
 Thence with said Right-of-way N 79°07'13" W - 30.00' to set iron rod with a cap stamped "FStan 3282";
 Thence leaving said Summer Shade Road and traversing said Bowman property N 13°22'16" E - 5.54' to set iron rod with a cap stamped "FStan 3282";
 Thence along a curve to the left with a radius of 50.00' and a chord of N 32°52'29" W - 72.23' to set iron rod with a cap stamped "FStan 3282";
 Thence N 79°07'13" W - 9.68' to set iron rod with a cap stamped "FStan 3282" on the east line of the Lease Area;
 Thence with said east line N 10°52'47" E - 75.00' to the point of beginning, containing 4,952.62 square feet as per survey by Frank L. Sellinger, II dated March 20, 2023.




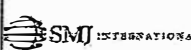
PARENT TRACT DESCRIPTION (PROVIDED BY OTHERS)


Property located in Metcalfe County, Kentucky
 The following described real estate lying and being in Metcalfe County, Kentucky, and more particularly described as follows:
 Consisting of 200 acres, more or less, situated 12 miles East of Glasgow, Kentucky, on the Glasgow-Burkesville Road, bounded and described as follows: Beginning at a stone on the North side of the Burkesville Road, thence South 3 degrees West 94-1/8 poles to a stone in Surbin's line; thence South 87 degrees East 43 poles to a stone; thence South 4 degrees West 218 poles to a stone in Kingrey's line; thence East 76 poles to a stone in Asberry Peoples line; thence North 4 degrees East 216 poles to a stone; thence North 84 degrees East 8-1/8 poles to a stone; thence North 21 degrees East 82 poles to a stone, on South side of Burkesville Road; thence with said Road North 78 degrees West 22 1/2 poles; thence North 59 poles to a stone in Joel Taylor's line; thence North 27 degrees West 144 poles to a stone; thence South 6 degrees West 35 poles to a stone; thence North 84 degrees East 6 poles to the beginning.
 LESS AND EXCEPT that portion of property conveyed to Clint Sharp and Christine Sharp from Jane Bowman by Deed dated November 26, 1997 and recorded December 5, 1998 in Deed Book 102, Page 261.
 AND BEING the same property conveyed to Jane Bowman from Clyde K. Bowman and Betty Bowman by Deed dated March 17, 1985 and recorded February 5, 1986 in Deed Book 76, Page 513.
 Tax Parcel No. 017-00-00-012-00

LAND SURVEYOR'S CERTIFICATE
 I, FRANK L. SELLINGER, UNDISTURBED HERETOFORE CLOSELY BETTER THAN 1 IN 10,000 TO ALL PARTIES INTERESTED BY TITLE TO PREMISES SURVEYED, I hereby certify that this plat and survey were made under my supervision, and that the angles and linear measurements, as indicated by monuments shown hereon, are true and correct to the best of my knowledge and belief.
 This survey and plat meets or exceeds the minimum standards of the governing authorities.
 This property is subject to any recorded encumbrances or right of ways not shown hereon.

Frank L. Sellinger, II KY. Reg. No. 3392

PREPARED FOR:

 Verizon Wireless





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

SITE NUMBER:
 725005

SITE NAME:
 CK CLOVER CREEK

SITE ADDRESS:
 SUMMER SHADE ROAD
 SUMMER SHADE, KY 42166

LEASE AREA:
 10,000.00 SQ.FT.

PROPERTY OWNER:
 JANE BOWMAN
 708 SUMMER SHADE ROAD
 SUMMER SHADE, KY 42166

PARCEL NUMBER:
 017-00-00-012-00

SOURCE OF TITLE:
 O.R. 76, PG. 513

DWG BY: SWS FIELD DATE: 02.28.23 DRAFT DATE: 03.20.23
 CHWD BY: FLS

FSTAN PROJECT NO.:
 22-11668

SHEET 3 OF 3

REVISIONS:

RAWLAND

**EXHIBIT J
NOTIFICATION LIST
PVA RECORDS
PROOF OF NOTICE**

CK Glover Creek – Notice List

017-00-00-012.00

Bowman Jane
708 Summer Shade Rd
Summer Shade, KY 42166

017-00-00-012.03

Brewster Lela
538 Summer Shade Rd
Summer Shade, KY 42166

017-00-00-019.01

England Joshua D & Chandra D
388 Summer Shade Rd
Summer Shade, KY 42166

017-00-00-013.00

Shaw Justin C
245 Cora Wilborn Rd
Summer Shade, KY 42166

017-00-00-012.01

Bowman Jane
708 Summer Shade Rd
Summer Shade, KY 42166

017-00-00-021.00

Wade Elaine Trustee Mike Wade Irrevocable Gift Trust
110 Karakal Drive
Glasgow, KY 42141

017-00-00-001.03

Hurt Jerry Estate
200 Froedge Dubree Rd
Summer Shade, KY 42166

017-00-00-001.00

Froggett Bonnie & Henry Allen
498 Froedge Dubree Rd
Summer Shade, KY 42166

017-00-00-002.00

Shaw Chad E & Kelly A
P O Box 1150
Edmonton, KY 42129

017-00-00-002.02

Shaw Donnie
355 Pitcock Rd
Summer Shade, KY 42166

017-00-00-003.04

Pitcock Joshua
635 Tarter Jessie Rd
Summer Shade, KY 42166

017-00-00-003.09

Hicks Karen Sue
5217 E 200 N
Greenfield, IN 46140

017-00-00-003.08

Pitcock Joshua & Fantom
635 Tarter Jessie Rd
Summer Shade, KY 42166

017-00-00-012.02

Sizemore Leonard & Cornelia Louise
474 Summer Shade Rd
Summer Shade, KY 42166

017-00-00-003.01 & 017-00-00-022.00

Dickerson Lumber Co
PO Box 125
Summer Shade, KY 42166

017-00-00-030.01 (D01)

Young Timmy M
450 Guy Young Rd
Summer Shade, KY 42166

017-00-00-030.01 (D02)

Young Timothy
305 Guy Young Rd
Summer Shade, KY 42166

Summary

Parcel Number 017-00-00-012.00
Account Number 43124
Location Address 708 SUMMER SHADE RD
Description 189A & HSE
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

BOWMAN JANE
 708 SUMMER SHADE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	188.74	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	8221514	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$56,700	\$56,700
+ Improvement Value	\$72,000	\$72,000
= Total Taxable Value	\$128,700	\$128,700
- Exemption Value	(\$46,350)	(\$46,350)
= Net Taxable Value	\$82,350	\$82,350
+ Land FCV	\$488,000	\$488,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$488,000	\$488,000
Exemption	Homestead: Yes - \$46,350	Homestead: Yes - \$40,500

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	3
Year Built	1927	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 1/2 Story	Total Rooms	5
Number of Stories	1.5	Living Sq Ft	2,692
Exterior	Aluminum	Basement Sq Ft	0
Foundation	Poured Concrete	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Fair	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	Y
Basement Type	BT-None	Heat Source	Natural Gas
Basement Finish	None	Heat Type	Forced Air

Basement Size BS-None
Garage/Carport Garage
Garage Size 1 Car
Garage Type Detached Garage
Garage Exterior Wood
Width 0
Length 0
Garage Sq Ft 672
Pool None
Pool Size 0
Tennis Courts None

Air Conditioning N
AC/Type None
Special Improvements N
Fire Alarm N
Sprinklers N
Porch/Deck Open
Porch Sq Ft 322
Deck Sq Ft 156
Concrete Sq Ft 0
Farm Bldg Type
Value \$66,000.00
Driveway Gravel
Fence 0

Building Number 2
Description BARN
Residence Type None
Comm Type
Mobile Home Type
Year Built 0
Effective Age 0
Ave. Wall Height 20
Structure None
Number of Stories 0
Exterior None
Foundation None
Construction Type Pole Frame
Construction Quality
Building Condition None
Roof Type RY-None
Roof Cover RF-Metal
Roof Pitch RP-None
Basement Type BT-None
Basement Finish None
Basement Size BS-None
Garage/Carport
Garage Size
Garage Type
Garage Exterior
Width 20
Length 50
Garage Sq Ft 0
Pool
Pool Size 0
Tennis Courts

Kitchens 0
Dining Rooms 0
Living Rooms 0
Family Rooms 0
Bedrooms 0
Full Baths 0
Half Baths 0
Other Rooms 0
Total Rooms 0
Living Sq Ft 0
Basement Sq Ft 0
Fireplaces 0
Water N
Supplemental Heat None
Mobile Home Model
Mobile Home Manufacturer
MH Skirt Foundation
Heat N
Heat Source None
Heat Type None
Air Conditioning N
AC/Type None
Special Improvements N
Fire Alarm N
Sprinklers N
Porch/Deck
Porch Sq Ft 0
Deck Sq Ft 0
Concrete Sq Ft 0
Farm Bldg Type General Barn
Value \$2,000.00
Driveway Gravel
Fence 0

Building Number 3
Description BARN
Residence Type None
Comm Type
Mobile Home Type
Year Built 0
Effective Age 0
Ave. Wall Height 20
Structure None
Number of Stories 0
Exterior None
Foundation None
Construction Type Pole Frame
Construction Quality
Building Condition None
Roof Type RY-None
Roof Cover RF-Metal
Roof Pitch RP-None
Basement Type BT-None
Basement Finish None
Basement Size BS-None
Garage/Carport
Garage Size
Garage Type
Garage Exterior
Width 36
Length 56
Garage Sq Ft 0
Pool
Pool Size 0
Tennis Courts

Kitchens 0
Dining Rooms 0
Living Rooms 0
Family Rooms 0
Bedrooms 0
Full Baths 0
Half Baths 0
Other Rooms 0
Total Rooms 0
Living Sq Ft 0
Basement Sq Ft 0
Fireplaces 0
Water N
Supplemental Heat None
Mobile Home Model
Mobile Home Manufacturer
MH Skirt Foundation
Heat N
Heat Source None
Heat Type None
Air Conditioning N
AC/Type None
Special Improvements N
Fire Alarm N
Sprinklers N
Porch/Deck
Porch Sq Ft 0
Deck Sq Ft 0
Concrete Sq Ft 0
Farm Bldg Type Tobacco Barn
Value \$2,000.00
Driveway Gravel
Fence 0

Building Number 4
 Description BARN
 Residence Type None
 Comm Type
 Mobile Home Type
 Year Built 0
 Effective Age 0
 Ave. Wall Height 20
 Structure None
 Number of Stories 0
 Exterior None
 Foundation None
 Construction Type Pole Frame
 Construction Quality
 Building Condition None
 Roof Type RY-None
 Roof Cover RF-Metal
 Roof Pitch RP-None
 Basement Type BT-None
 Basement Finish None
 Basement Size BS-None
 Garage/Carport
 Garage Size
 Garage Type
 Garage Exterior
 Width 50
 Length 40
 Garage Sq Ft 0
 Pool
 Pool Size 0
 Tennis Courts

Kitchens 0
 Dining Rooms 0
 Living Rooms 0
 Family Rooms 0
 Bedrooms 0
 Full Baths 0
 Half Baths 0
 Other Rooms 0
 Total Rooms 0
 Living Sq Ft 0
 Basement Sq Ft 0
 Fireplaces 0
 Water N
 Supplemental Heat None
 Mobile Home Model
 Mobile Home Manufacturer
 MH Skirt Foundation
 Heat N
 Heat Source None
 Heat Type None
 Air Conditioning N
 AC/Type None
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck
 Porch Sq Ft 0
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type Tobacco Barn
 Value \$2,000.00
 Driveway Gravel
 Fence 0

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
3/1/1985	\$0	76	513	BOWMAN JANE	CLYDE BOWMAN

Photos



Sketches

Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-012.03
Account Number 43127
Location Address 538 SUMMER SHADE RD
Description M HME & 2.81A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

BREWSTER LELA
 538 SUMMER SHADE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition		Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	2.81	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Gravel
Lot Sq Ft	122403	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$4,000	\$4,000
+ Improvement Value	\$64,000	\$64,000
= Total Taxable Value	\$68,000	\$68,000
- Exemption Value	(\$46,350)	(\$46,350)
= Net Taxable Value	\$21,650	\$21,650
Exemption	Homestead: Yes - \$46,350	Homestead: Yes - \$40,500

Improvement Information

Building Number	1	Kitchens	0
Description	MOBILE HOME	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type	MH - Residential	Bedrooms	0
Year Built	2004	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	2,176
Exterior	MH Standard	Basement Sq Ft	0
Foundation	MH Nonpermanent	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	MHII: Standard	Supplemental Heat	None
Building Condition	New	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	CLAYTON
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	Vinyl
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	Electric
Basement Finish	Unfinished	Heat Type	None
Basement Size	BS-None	Air Conditioning	Y
Garage/Carport		AC/Type	Central
Garage Size		Special Improvements	N

Garage Type
 Garage Exterior
 Width 32
 Length 68
 Garage Sq Ft 0
 Pool
 Pool Size 0
 Tennis Courts

Fire Alarm N
 Sprinklers N
 Porch/Deck Open
 Porch Sq Ft 0
 Deck Sq Ft 482
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$64,000.00
 Driveway Gravel
 Fence 0

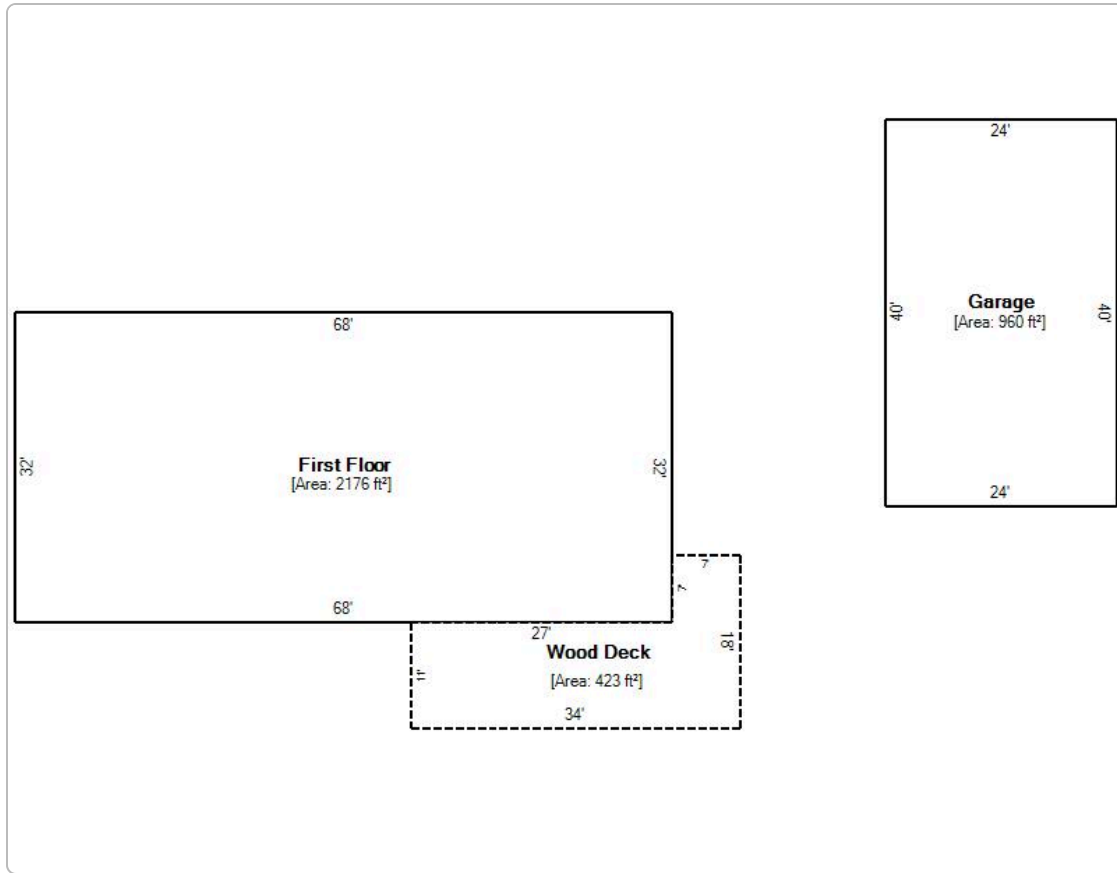
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
5/1/2001	\$0	113	585	BREWSTER LELA	JANE SHARP

Photos



Sketches



Recent Sales In Area

Sale date range:

From: To:



Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-019.01
Account Number 43160
Location Address 388 SUMMER SHADE RD
Description HSE & 1A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

ENGLAND JOSHUA D & CHANDRA D
 388 SUMMER SHADE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	1.00	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	43560	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$5,000	\$5,000
+ Improvement Value	\$135,000	\$135,000
= Total Taxable Value	\$140,000	\$140,000
- Exemption Value	\$0	\$0
= Net Taxable Value	\$140,000	\$140,000

Exemption Homestead: No Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	3
Year Built	1970	Full Baths	1
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	6
Number of Stories	1	Living Sq Ft	1,812
Exterior	Brick Veneer	Basement Sq Ft	1316
Foundation	Concrete Block	Fireplaces	1
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Good/Average	Mobile Home Model	
Roof Type	RY-Hip	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-Walkout	Heat Source	Electric
Basement Finish	Unfinished	Heat Type	None
Basement Size	BS-3/4	Air Conditioning	Y
Garage/Carport		AC/Type	Central
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N

Garage Exterior
 Width 0
 Length 0
 Garage Sq Ft 0
 Pool None
 Pool Size 0
 Tennis Courts None

Sprinklers N
 Porch/Deck None
 Porch Sq Ft 84
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$135,000.00
 Driveway Paved/Asphalt
 Fence 0

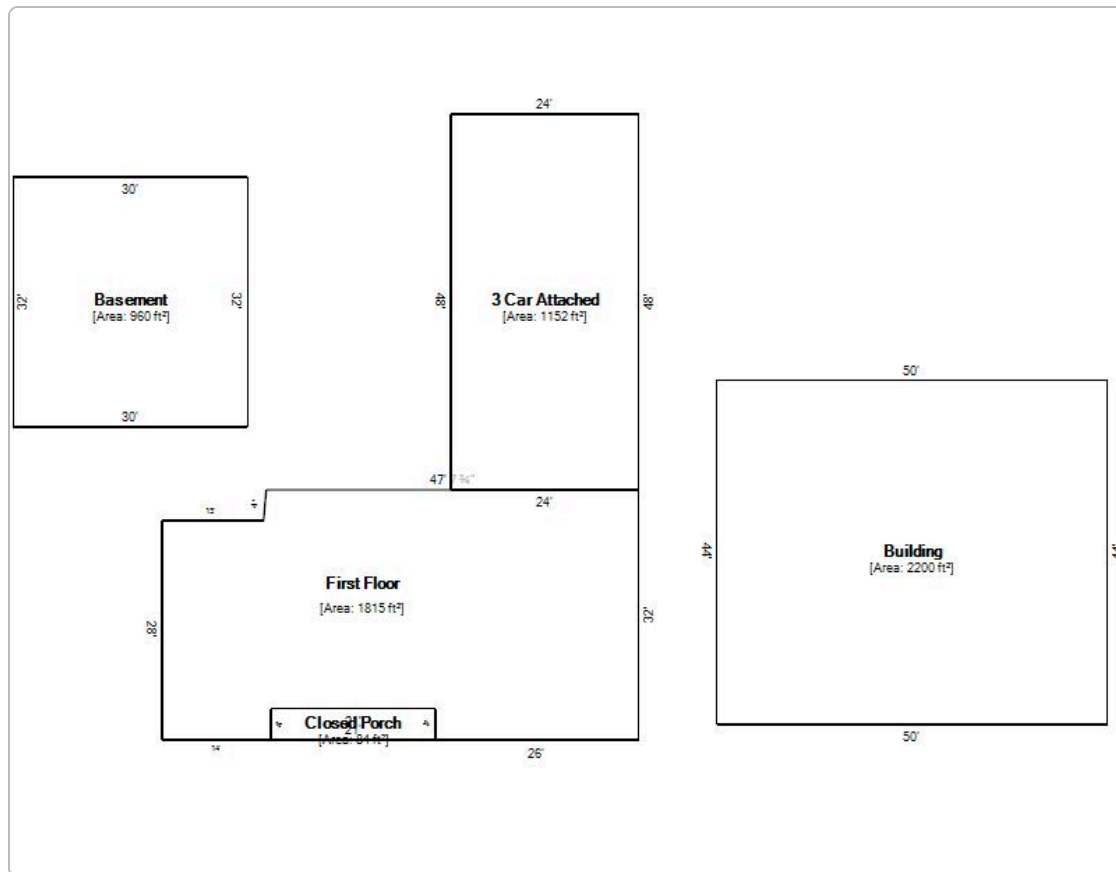
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
5/13/2014	\$140,000	151	895	ENGLAND JOSHUA D & CHANDRA D	CRAFT HEATHER L
12/27/2011	\$130,000	146	57	CRAFT HEATHER L	RITTER DOTTIE NUNN

Photos



Sketches



Recent Sales In Area

Sale date range:

From: To:



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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-013.00
Account Number 43128
Location Address SUMMER SHADE RD
Description 8.71A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)

Ownership

SHAW JUSTIN C
 245 CORA WILBORN RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	Yes
Acres	8.00	Water	Yes
Front	0	Gas	Yes
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	348480	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$7,000	\$7,000
+ Improvement Value	\$5,000	\$5,000
= Total Taxable Value	\$12,000	\$12,000
- Exemption Value	\$0	\$0
= Net Taxable Value	\$12,000	\$12,000

Exemption	Homestead: No	Homestead: No
-----------	---------------	---------------

Improvement Information

Building Number	1	Kitchens	0
Description	BARN	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	0
Construction Type	Pole Frame	Water	N
Construction Quality		Supplemental Heat	None
Building Condition	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-None	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	0	Porch/Deck	
Length	0	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts		Value	\$5,000.00
		Driveway	Unimproved
		Fence	0

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
7/28/2011	\$0	145	18	SHAW JUSTIN C	SHAW JAMES

Recent Sales In Area

Sale date range:

From: To:

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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-012.01
Account Number 43125
Location Address 511 SUMMER SHADE RD
Description HSE & 1.75A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

BOWMAN JANE
 708 SUMMER SHADE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Steep
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	1.75	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	76230	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$3,000	\$3,000
+ Improvement Value	\$75,000	\$75,000
= Total Taxable Value	\$78,000	\$78,000
- Exemption Value	\$0	\$0
= Net Taxable Value	\$78,000	\$78,000

Exemption	Homestead: No	Homestead: No
-----------	---------------	---------------

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	3
Year Built	1975	Full Baths	2
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	7
Number of Stories	1	Living Sq Ft	0
Exterior	Brick Veneer	Basement Sq Ft	1572
Foundation	Concrete Block	Fireplaces	1
Construction Type	None	Water	Y
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Good/Average	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-Walkout	Heat Source	Electric
Basement Finish	Unfinished	Heat Type	None
Basement Size	BS-Full	Air Conditioning	Y
Garage/Carport	Carport	AC/Type	Central
Garage Size	1 Car	Special Improvements	N
Garage Type	Attached Carport	Fire Alarm	N

Garage Exterior None
 Width 0
 Length 0
 Garage Sq Ft 240
 Pool None
 Pool Size 0
 Tennis Courts None

Sprinklers N
 Porch/Deck Covered
 Porch Sq Ft 168
 Deck Sq Ft 140
 Concrete Sq Ft 0
 Farm Bldg Type Value \$75,000.00
 Driveway Gravel
 Fence 0

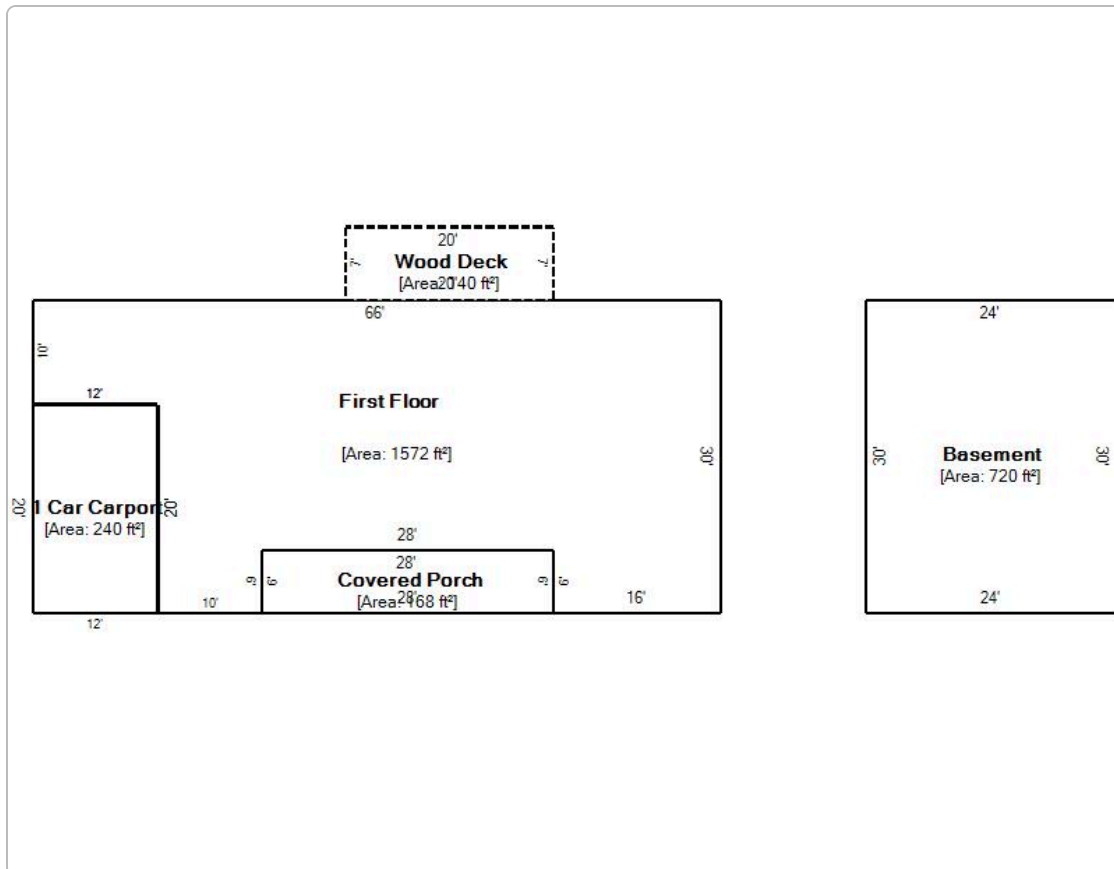
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
1/1/1979	\$0	65	475	BOWMAN JANE	CLYDE BOWMAN

Photos



Sketches



Recent Sales In Area

Sale date range:

From: To:



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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-021.00
Account Number 43164
Location Address 333 SUMMER SHADE RD
Description 164A & HSE
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

WADE ELAINE TRUSTEE MIKE WADE IRREVOCABLE GIFT TRUST
 110 KARAKAL DRIVE
 GLASGOW, KY 42141

Land Characteristics

Condition	Average	Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	164.00	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	7143840	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$46,900	\$46,900
+ Improvement Value	\$100,000	\$100,000
= Total Taxable Value	\$146,900	\$146,900
- Exemption Value	\$0	\$0
= Net Taxable Value	\$146,900	\$146,900
+ Land FCV	\$410,000	\$410,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$410,000	\$410,000
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	3
Year Built	1950	Full Baths	1
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	6
Number of Stories	1	Living Sq Ft	1,555
Exterior	Aluminum	Basement Sq Ft	1080
Foundation	Brick/Stone	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Very Good/Excellent	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	Y
Basement Type	BT-Sunken	Heat Source	Natural Gas
Basement Finish	Unfinished	Heat Type	Forced Air
Basement Size	BS-1/2	Air Conditioning	Y

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

AC/Type Central
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck None
 Porch Sq Ft 196
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$85,000.00
 Driveway Concrete
 Fence 0

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

Kitchens 0
 Dining Rooms 0
 Living Rooms 0
 Family Rooms 0
 Bedrooms 0
 Full Baths 0
 Half Baths 0
 Other Rooms 0
 Total Rooms 0
 Living Sq Ft 0
 Basement Sq Ft 0
 Fireplaces 0
 Water Y
 Supplemental Heat None
 Mobile Home Model
 Mobile Home Manufacturer
 MH Skirt Foundation
 Heat N
 Heat Source None
 Heat Type None
 Air Conditioning N
 AC/Type None
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck
 Porch Sq Ft 0
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$15,000.00
 Driveway Concrete
 Fence 0

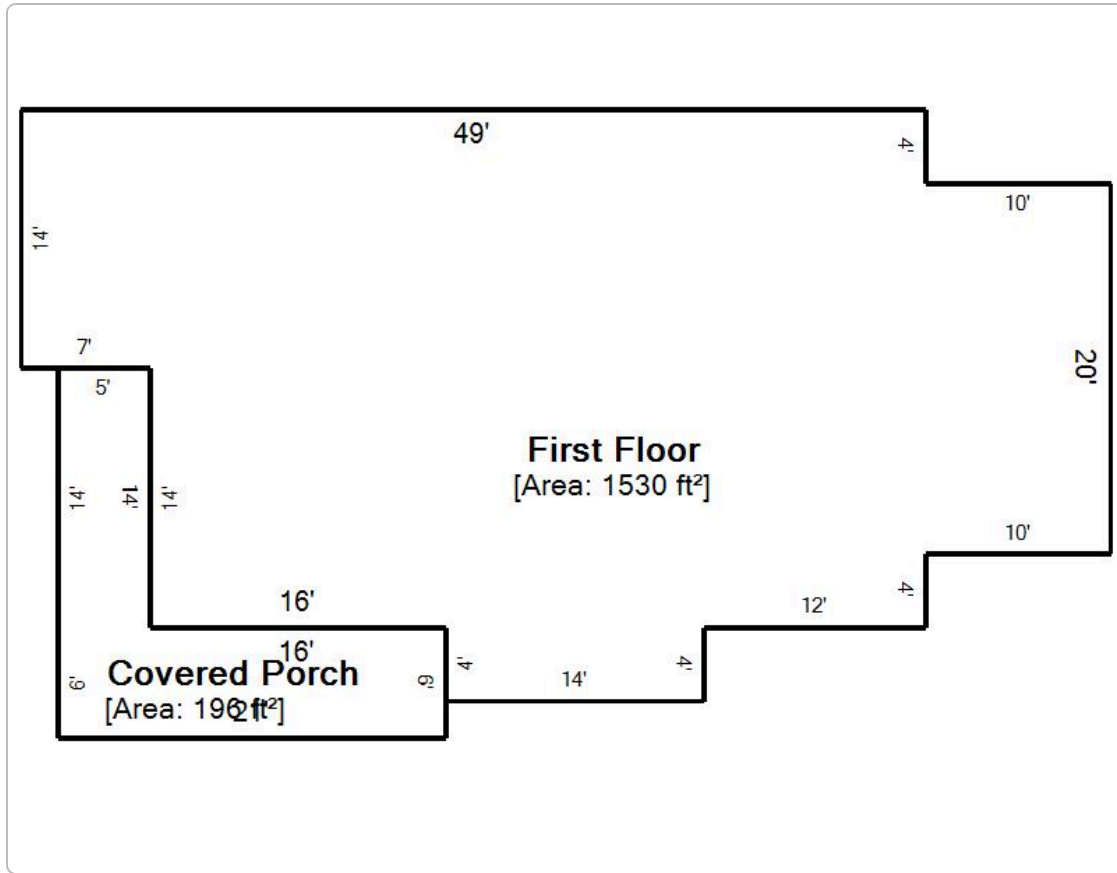
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
12/28/2012	\$0	148	621	WADE ELAINE TRUSTEE	WADE MIKE & ELAINE
12/21/2012	\$450,000	148	585	WADE MIKE & ELAINE	KENTUCKY TAX EXCHANGE
9/22/2011	\$450,000	145	377	KENTUCKY TAX EXCHANGE	MILAM HARMON R & BETTY LOU

Photos



Sketches



Recent Sales In Area

Sale date range:

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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-001.03
Account Number 43090
Location Address 200 FROEDGE DUBREE RD
Description 17A & HSE
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

HURT JERRY ESTATE
 200 FROEDGE DUBREE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Steep
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	17.00	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Secondary
Lot Sq Ft	740520	Sidewalks	No
Shape	None	Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$4,300	\$4,300
+ Improvement Value	\$52,000	\$52,000
= Total Taxable Value	\$56,300	\$56,300
- Exemption Value	\$0	\$0
= Net Taxable Value	\$56,300	\$56,300
+ Land FCV	\$95,000	\$95,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$95,000	\$95,000
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	2
Year Built	1984	Full Baths	2
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	6
Number of Stories	1	Living Sq Ft	1,120
Exterior	Frame/Brick	Basement Sq Ft	1120
Foundation	Concrete Block	Fireplaces	0
Construction Type	None	Water	Y
Construction Quality	Average/Standard	Supplemental Heat	Wood
Building Condition	Fair	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	Y
Basement Type	BT-Walkout	Heat Source	Wood
Basement Finish	Unfinished	Heat Type	Stove/Space Htr
Basement Size	BS-Full	Air Conditioning	Y

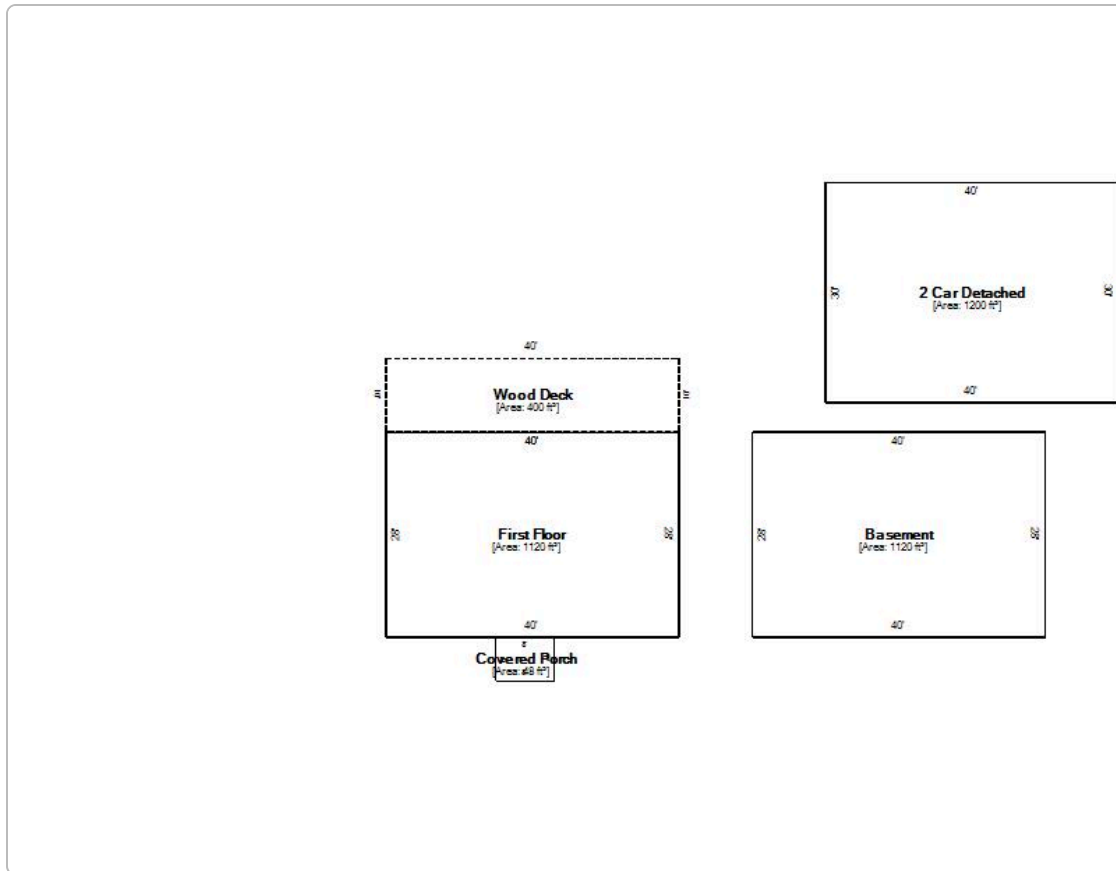
Garage/Carport Garage
 Garage Size 2 Car
 Garage Type Detached Garage
 Garage Exterior Wood
 Width 0
 Length 0
 Garage Sq Ft 1200
 Pool None
 Pool Size 0
 Tennis Courts None

AC/Type
 Special Improvements Wall Units
 Fire Alarm N
 Sprinklers N
 Porch/Deck Open
 Porch Sq Ft 48
 Deck Sq Ft 400
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$52,000.00
 Driveway Gravel
 Fence 0

Photos



Sketches



Recent Sales In Area

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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-001.00
Account Number 43087
Location Address FROEDGE DUBREE RD
Description 201.15A
 (Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

FROGETT BONNIE & HENRY ALLEN
 498 FROEDGE DUBREE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	201.15	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Secondary
Lot Sq Ft	8762094	Sidewalks	No
Shape	None	Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$57,450	\$57,450
+ Improvement Value	\$7,000	\$7,000
= Total Taxable Value	\$64,450	\$64,450
- Exemption Value	\$0	\$0
= Net Taxable Value	\$64,450	\$64,450
+ Land FCV	\$365,000	\$365,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$365,000	\$365,000
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	0
Description	BARN	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	0
Construction Type	Pole Frame	Water	N
Construction Quality		Supplemental Heat	None
Building Condition	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N

Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	0	Porch/Deck	
Length	0	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	General Barn
Tennis Courts		Value	\$5,000.00
		Driveway	Gravel
		Fence	0

Building Number	2	Kitchens	0
Description	BARN	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	20	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	0
Construction Type	Pole Frame	Water	N
Construction Quality		Supplemental Heat	None
Building Condition	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	36	Porch/Deck	
Length	44	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	Tobacco Barn
Tennis Courts		Value	\$2,000.00
		Driveway	Gravel
		Fence	0

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
6/1/1991	\$58,430	85	351	FROGETT BONNIE & HENRY ALLEN	RICHARD & KAY HOPE

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Recent Sales In Area

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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-002.00
Account Number 43093
Location Address 391 PITCOCK RD
Description 200A & HSE
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

SHAW CHAD E & KELLY A
 P O BOX 1150
 EDMONTON, KY 42129

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	200.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Gravel
Lot Sq Ft	8712000	Sidewalks	No
Shape	None	Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$64,850	\$64,850
+ Improvement Value	\$149,000	\$149,000
= Total Taxable Value	\$213,850	\$213,850
- Exemption Value	\$0	\$0
= Net Taxable Value	\$213,850	\$213,850
+ Land FCV	\$550,000	\$550,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$550,000	\$550,000
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	3
Year Built	2018	Full Baths	2
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	1
Structure	1 Story	Total Rooms	8
Number of Stories	0	Living Sq Ft	0
Exterior	Frame	Basement Sq Ft	1728
Foundation	Poured Concrete	Fireplaces	0
Construction Type	None	Water	Y
Construction Quality	Average/Standard	Supplemental Heat	Other
Building Condition	Good/Average	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-Medium	Heat	Y
Basement Type	BT-Walkout	Heat Source	Electric
Basement Finish	None	Heat Type	Forced Air
Basement Size	BS-Full	Air Conditioning	Y

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

AC/Type Central
Special Improvements N
Fire Alarm N
Sprinklers N
Porch/Deck Covered
Porch Sq Ft 192
Deck Sq Ft 0
Concrete Sq Ft 0
Farm Bldg Type
Value \$140,000.00
Driveway Gravel
Fence 0

Building Notes: DUAL FUEL HEATING SYSTEM. ELECTRIC/PROPANE.

Building Number 2
Description BARN
Residence Type None
Comm Type
Mobile Home Type
Year Built 0
Effective Age 0
Ave. Wall Height 0
Structure None
Number of Stories 0
Exterior None
Foundation None
Construction Type Wood Frame
Construction Quality
Building Condition None
Roof Type RY-None
Roof Cover RF-Metal
Roof Pitch RP-None
Basement Type BT-None
Basement Finish None
Basement Size BS-None
Garage/Carport
Garage Size
Garage Type
Garage Exterior
Width 36
Length 50
Garage Sq Ft 0
Pool
Pool Size 0
Tennis Courts

Kitchens 0
Dining Rooms 0
Living Rooms 0
Family Rooms 0
Bedrooms 0
Full Baths 0
Half Baths 0
Other Rooms 0
Total Rooms 0
Living Sq Ft 0
Basement Sq Ft 0
Fireplaces 0
Water N
Supplemental Heat None
Mobile Home Model
Mobile Home Manufacturer
MH Skirt Foundation
Heat N
Heat Source None
Heat Type None
Air Conditioning N
AC/Type None
Special Improvements N
Fire Alarm N
Sprinklers N
Porch/Deck
Porch Sq Ft 0
Deck Sq Ft 0
Concrete Sq Ft 0
Farm Bldg Type General Barn
Value \$2,000.00
Driveway Gravel
Fence 0

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

Kitchens 0
Dining Rooms 0
Living Rooms 0
Family Rooms 0
Bedrooms 0
Full Baths 0
Half Baths 0
Other Rooms 0
Total Rooms 0
Living Sq Ft 0
Basement Sq Ft 0
Fireplaces 0
Water N
Supplemental Heat None
Mobile Home Model
Mobile Home Manufacturer
MH Skirt Foundation
Heat N
Heat Source None
Heat Type None
Air Conditioning N
AC/Type None
Special Improvements N
Fire Alarm N
Sprinklers N
Porch/Deck
Porch Sq Ft 0
Deck Sq Ft 0
Concrete Sq Ft 0
Farm Bldg Type
Value \$5,000.00
Driveway Gravel
Fence 0

Building Number 4
 Description BARN
 Residence Type None
 Comm Type
 Mobile Home Type
 Year Built 0
 Effective Age 0
 Ave. Wall Height 0
 Structure None
 Number of Stories 0
 Exterior None
 Foundation None
 Construction Type Wood Frame
 Construction Quality
 Building Condition None
 Roof Type RY-None
 Roof Cover RF-Metal
 Roof Pitch RP-None
 Basement Type BT-None
 Basement Finish None
 Basement Size BS-None
 Garage/Carport
 Garage Size
 Garage Type
 Garage Exterior
 Width 42
 Length 50
 Garage Sq Ft 0
 Pool
 Pool Size 0
 Tennis Courts

Kitchens 0
 Dining Rooms 0
 Living Rooms 0
 Family Rooms 0
 Bedrooms 0
 Full Baths 0
 Half Baths 0
 Other Rooms 0
 Total Rooms 0
 Living Sq Ft 0
 Basement Sq Ft 0
 Fireplaces 0
 Water N
 Supplemental Heat None
 Mobile Home Model
 Mobile Home Manufacturer
 MH Skirt Foundation
 Heat N
 Heat Source None
 Heat Type None
 Air Conditioning N
 AC/Type None
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck
 Porch Sq Ft 0
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type General Barn
 Value \$2,000.00
 Driveway Gravel
 Fence 0

Sales

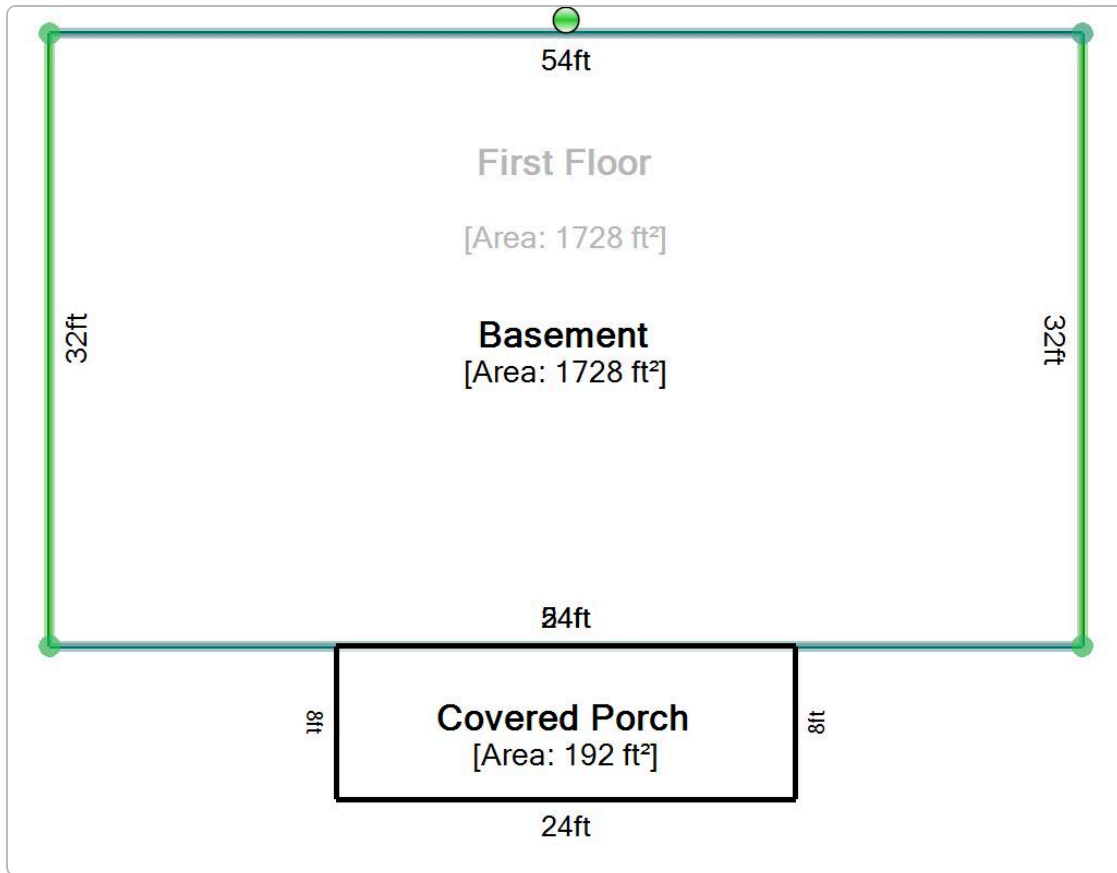
Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
1/3/2008	\$356,000	136	306	SHAW CHAD E & KELLY A	SHAW DONNIE E

Photos





Sketches



Recent Sales In Area

Sale date range:

From: To:

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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-002.02
Account Number 43094
Location Address 355 PITCOCK RD
Description HSE & 1.23A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

SHAW DONNIE
 355 PITCOCK RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	Yes
Acres	1.23	Water	Yes
Front	0	Gas	Yes
Depth	0	Sewer	No
Lot Size	0x0	Road	Secondary
Lot Sq Ft	53578	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$3,000	\$3,000
+ Improvement Value	\$65,000	\$65,000
= Total Taxable Value	\$68,000	\$68,000
- Exemption Value	(\$46,350)	(\$46,350)
= Net Taxable Value	\$21,650	\$21,650
Exemption	Homestead: Yes - \$46,350	Homestead: Yes - \$40,500

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	3
Year Built	1960	Full Baths	1
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	6
Number of Stories	1	Living Sq Ft	0
Exterior	Brick Veneer	Basement Sq Ft	1350
Foundation	Poured Concrete	Fireplaces	0
Construction Type	None	Water	Y
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Good/Average	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-Walkout	Heat Source	Electric
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	Y
Garage/Carport		AC/Type	Central
Garage Size		Special Improvements	N

Garage Type
 Garage Exterior
 Width 0
 Length 0
 Garage Sq Ft 0
 Pool None
 Pool Size 0
 Tennis Courts None

Fire Alarm N
 Sprinklers N
 Porch/Deck Open
 Porch Sq Ft 208
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$65,000.00
 Driveway Gravel
 Fence 0

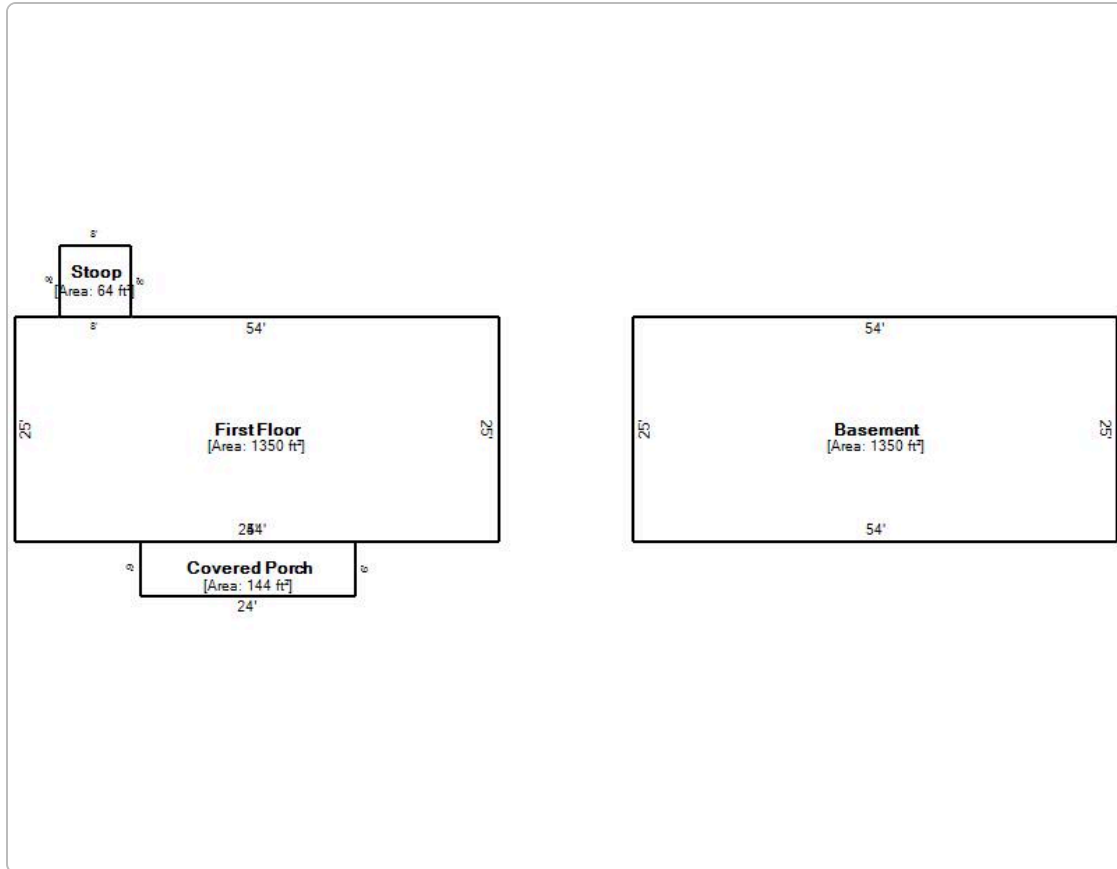
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
5/25/2011	\$68,000	144	493	SHAW DONNIE	HARPER RAYMOND & PRISCILLA

Photos



Sketches



Recent Sales In Area

Sale date range:

From: To:



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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-003.04
Account Number 43100
Location Address 94 PITCOCK RD
Description 77A & HSE
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

PITCOCK JOSHUA
 635 TARTER JESSIE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	None	Topography	Rolling
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	77.29	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Gravel
Lot Sq Ft	3366752	Sidewalks	No
Shape	None	Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$23,850	\$23,850
+ Improvement Value	\$6,000	\$6,000
= Total Taxable Value	\$29,850	\$29,850
- Exemption Value	\$0	\$0
= Net Taxable Value	\$29,850	\$29,850
+ Land FCV	\$175,000	\$175,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$175,000	\$175,000
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	2
Year Built	1940	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	2 Story	Total Rooms	4
Number of Stories	2	Living Sq Ft	1,496
Exterior	Frame	Basement Sq Ft	0
Foundation	Brick/Stone	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	Wood
Building Condition	Fair	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	Y
Basement Type	BT-None	Heat Source	Wood
Basement Finish	None	Heat Type	Stove/Space Htr
Basement Size	BS-None	Air Conditioning	N

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

AC/Type None
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck None
 Porch Sq Ft 40
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$4,000.00
 Driveway Gravel
 Fence 0

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

Kitchens 0
 Dining Rooms 0
 Living Rooms 0
 Family Rooms 0
 Bedrooms 0
 Full Baths 0
 Half Baths 0
 Other Rooms 0
 Total Rooms 0
 Living Sq Ft 0
 Basement Sq Ft 0
 Fireplaces 0
 Water N
 Supplemental Heat None
 Mobile Home Model
 Mobile Home Manufacturer
 MH Skirt Foundation
 Heat N
 Heat Source None
 Heat Type None
 Air Conditioning N
 AC/Type None
 Special Improvements N
 Fire Alarm N
 Sprinklers N
 Porch/Deck
 Porch Sq Ft 0
 Deck Sq Ft 0
 Concrete Sq Ft 0
 Farm Bldg Type General Barn
 Value \$2,000.00
 Driveway Gravel
 Fence 0

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
4/23/2020	\$0	165	731	PITCOCK JOSHUA	PITCOCK JEFF & JOSHUA
3/1/2004	\$0	123	647	PITCOCK JEFF & JOSHUA	PITCOCK EARLINE & DELLA

Photos



Sketches



Recent Sales In Area

Sale date range:

From: To:

Feet



Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-003.09
Account Number 51363
Location Address 94 PITCOCK RD
Description 2.50A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)

Ownership

HICKS KAREN SUE
5217 E 200 N
GREENFIELD, IN 46140

Land Characteristics

Condition	Fair	Topography	Not Used
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	2.50	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Gravel
Lot Sq Ft	108900	Sidewalks	No
Shape	None	Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$10,000	
+ Improvement Value	\$0	
= Total Taxable Value	\$10,000	
- Exemption Value	\$0	
= Net Taxable Value	\$10,000	
Exemption	Homestead: No	Homestead: No

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
11/15/2023	\$0	176	569	HICKS KAREN SUE	MILLER BETTY P

Recent Sales In Area

Sale date range:

From: 07/18/2021 To: 07/18/2024

1500 Feet

No data available for the following modules: Improvement Information, Photos, Sketches.



Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-003.08
Account Number 51362
Location Address PITCOCK RD
Description 8.48A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)

Ownership

PITCOCK JOSHUA & FANTOM
 635 TARTER JESSIE RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Fair	Topography	Not Used
Plat Book/Page Subdivision		Drainage	None
Lot		Flood Hazard	
Block		Zoning	Residential
Acres	8.48	Electric	No
Front	0	Water	Yes
Depth	0	Gas	No
Lot Size	0x0	Sewer	No
Lot Sq Ft	369388	Road	Gravel
Shape	None	Sidewalks	No
		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$32,000	
+ Improvement Value	\$8,000	
= Total Taxable Value	\$40,000	
- Exemption Value	\$0	
= Net Taxable Value	\$40,000	
Exemption	Homestead: No	Homestead: No

Improvement Information

Building Number	1	Kitchens	0
Description	BARN	Dining Rooms	0
Residence Type	None	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	20	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	0
Construction Type	Pole Frame	Water	N
Construction Quality		Supplemental Heat	None
Building Condition	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	36	Porch/Deck	
Length	45	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	Tobacco Barn
Tennis Courts		Value	\$8,000.00
		Driveway	Gravel
		Fence	0

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
11/15/2023	\$40,000	176	339	PITCOCK JOSHUA & FANTOM	MILLER BETTY P

Recent Sales In Area

Sale date range:

From: To:

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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-012.02
Account Number 43126
Location Address 474 SUMMER SHADE RD
Description HSE & 3.45A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)



Ownership

Sizemore Leonard & Cornelia Louise
 474 Summer Shade Rd
 Summer Shade, KY 42166

Land Characteristics

Condition	Average	Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	Yes
Acres	3.45	Water	Yes
Front	0	Gas	Yes
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	150282	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$10,000	\$10,000
+ Improvement Value	\$128,000	\$128,000
= Total Taxable Value	\$138,000	\$138,000
- Exemption Value	\$0	\$0
= Net Taxable Value	\$138,000	\$138,000

Exemption Homestead: No Homestead: No

Improvement Information

Building Number	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	0
Comm Type		Family Rooms	1
Mobile Home Type		Bedrooms	3
Year Built	1998	Full Baths	2
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	7
Number of Stories	1	Living Sq Ft	1,600
Exterior	Aluminum	Basement Sq Ft	1600
Foundation	Brick/Stone	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
Building Condition	Very Good/Excellent	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	Y
Basement Type	BT-Walkout	Heat Source	Natural Gas
Basement Finish	Unfinished	Heat Type	Forced Air
Basement Size	BS-Full	Air Conditioning	Y
Garage/Carport	Garage	AC/Type	Central
Garage Size	2 Car	Special Improvements	N
Garage Type	Attached Garage	Fire Alarm	N

Garage Exterior None
 Width 0
 Length 0
 Garage Sq Ft 0
 Pool None
 Pool Size 0
 Tennis Courts None

Sprinklers N
 Porch/Deck Open
 Porch Sq Ft 300
 Deck Sq Ft 492
 Concrete Sq Ft 0
 Farm Bldg Type
 Value \$128,000.00
 Driveway Gravel
 Fence 0

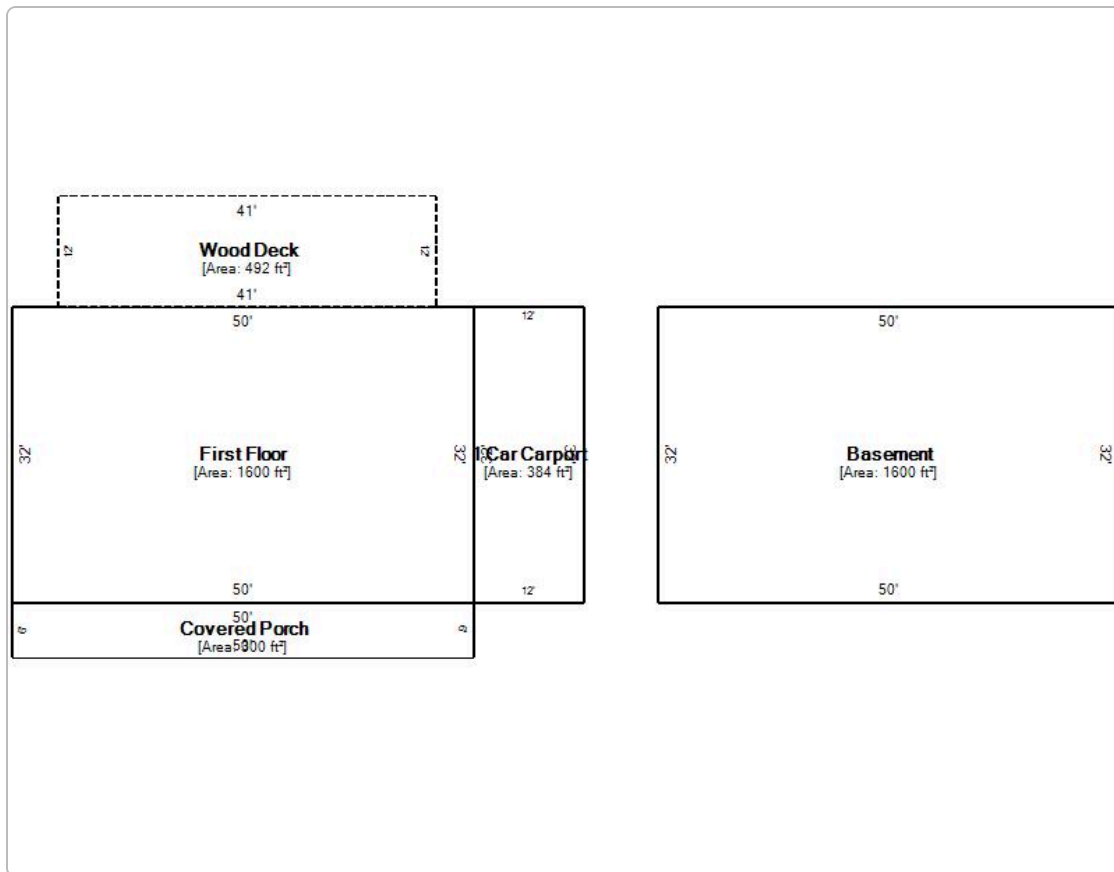
Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
6/2/2014	\$138,000	152	90	SIZEMORE LEONARD & CORNELIA LOUISE	DUGARD FRANCES J
9/30/2010	\$135,000	143	226	DUGARD FRANCES J	SHARP CHRISTINE

Photos



Sketches



Recent Sales In Area

Sale date range:

From: To:



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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-003.01
Account Number 43097
Location Address SUMMER SHADE RD
Description .67A
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)

Ownership

DICKERSON LUMBER CO
PO BOX 125
SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.67	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	29185	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$3,000	\$3,000
+ Improvement Value	\$0	\$0
= Total Taxable Value	\$3,000	\$3,000
- Exemption Value	\$0	\$0
= Net Taxable Value	\$3,000	\$3,000

Exemption Homestead: No Homestead: No

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
1/1/1980	\$0	68	355	DICKERSON LUMBER CO	EARLINE PITCOCK

Recent Sales In Area

Sale date range:

From: 07/18/2021 To: 07/18/2024

1500 Feet

No data available for the following modules: Improvement Information, Photos, Sketches.



Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-022.00
Account Number 43166
Location Address SUMMER SHADE RD
Description 111A
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

[View Map](#)

Ownership

DICKERSON LUMBER CO
P O BOX 125
SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	111.00	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	4835160	Sidewalks	No
Shape		Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$19,650	\$19,650
+ Improvement Value	\$0	\$0
= Total Taxable Value	\$19,650	\$19,650
- Exemption Value	\$0	\$0
= Net Taxable Value	\$19,650	\$19,650
+ Land FCV	\$160,000	\$160,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$160,000	\$160,000
Exemption	Homestead: No	Homestead: No

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
1/1/1977	\$0			DICKERSON LUMBER CO	V G HOPE EST

Recent Sales In Area

Sale date range:

From: To:

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Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-030.01D01
Account Number 43210
Location Address 450 GUY YOUNG RD
Description 89.60A & M HME
(Note: Not to be used on legal documents)
Class FARM (20)
Tax District 00-County
Rate Per Thousand 10.7382

Map Not Available

Ownership

YOUNG TIMMY M
 450 GUY YOUNG RD
 SUMMER SHADE, KY 42166

Land Characteristics

Condition	Average	Topography	Rolling
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	89.60	Water	Yes
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	Secondary
Lot Sq Ft	3902976	Sidewalks	No
Shape	None	Information Source	

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$21,130	\$21,130
+ Improvement Value	\$25,000	\$25,000
= Total Taxable Value	\$46,130	\$46,130
- Exemption Value	\$0	\$0
= Net Taxable Value	\$46,130	\$46,130
+ Land FCV	\$200,000	\$200,000
+ Improvement FCV	\$0	\$0
= Total FCV	\$200,000	\$200,000
Exemption	Homestead: No	Homestead: No

Improvement Information

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

Pool Size	0	Farm Bldg Type	
Tennis Courts		Value	\$2,000.00
		Driveway	Gravel
		Fence	0

Building Number	3	Kitchens	0
Description	MOBILE HOME	Dining Rooms	0
Residence Type	Mobile Home	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type	MH - Residential	Bedrooms	0
Year Built	1993	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	MH Standard	Basement Sq Ft	0
Foundation	MH Nonpermanent	Fireplaces	0
Construction Type	None	Water	Y
Construction Quality	MHII: Standard	Supplemental Heat	None
Building Condition	Good/Average	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	COMMODORE
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	Concrete Block
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	Electric
Basement Finish	Unfinished	Heat Type	None
Basement Size	BS-None	Air Conditioning	Y
Garage/Carport		AC/Type	Central
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	28	Porch/Deck	Covered
Length	52	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	336
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts		Value	\$23,000.00
		Driveway	Gravel
		Fence	0

Sales

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
11/1/2004	\$31,500	125	651	YOUNG TIMMY M	GUY MORRIS YOUNG

Recent Sales In Area

Sale date range:

From: To:

No data available for the following modules: Photos, Sketches.



Metcalfe County, KY PVA

Summary

Parcel Number 017-00-00-030.01D02
Account Number 43211
Location Address 305 GUY YOUNG RD
Description M HME ON TIM YOUNG PROPERTY
(Note: Not to be used on legal documents)
Class RESIDENTIAL (10)
Tax District 00-County
Rate Per Thousand 10.7382

Map Not Available

Ownership

YOUNG TIMOTHY
 305 GUY YOUNG RD
 SUMMER SHADE, KY 42166

Land Characteristics

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

Tax Roll Information

	Working Value	Certified Value
+ Land Value	\$0	\$0
+ Improvement Value	\$4,000	\$4,000
= Total Taxable Value	\$4,000	\$4,000
- Exemption Value	\$0	\$0
= Net Taxable Value	\$4,000	\$4,000

Exemption	Homestead: No	Homestead: No
-----------	---------------	---------------

Improvement Information

Building Number	1	Kitchens	0
Description	MOBILE HOME	Dining Rooms	0
Residence Type	Single Wide	Living Rooms	0
Comm Type		Family Rooms	0
Mobile Home Type	MH - Residential	Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	None	Total Rooms	0
Number of Stories	0	Living Sq Ft	0
Exterior	MH Standard	Basement Sq Ft	0
Foundation	MH Nonpermanent	Fireplaces	0
Construction Type	None	Water	Y
Construction Quality	MHI: Basic or Economy	Supplemental Heat	None
Building Condition	Good/Average	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-Metal	MH Skirt Foundation	Aluminum
Roof Pitch	RP-None	Heat	Y
Basement Type	BT-None	Heat Source	None
Basement Finish	None	Heat Type	Forced Air
Basement Size	BS-None	Air Conditioning	Y
Garage/Carport		AC/Type	Central
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	14	Porch/Deck	
Length	56	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool		Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts		Value	\$4,000.00
		Driveway	
		Fence	0

Recent Sales In Area

Sale date range:

From:  To: 

No data available for the following modules: Sales, Photos, Sketches.



[User Privacy Policy](#) [GDPR Privacy Notice](#)
[Last Data Upload: 7/18/2024, 9:12:02 AM](#)

7022 3330 0000 3636 1335

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

OFFICIAL USE

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 \$

Bowman Jane
708 Summer Shade Rd
Summer Shade, KY 42166

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 6040

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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 \$

Brewster Lela
538 Summer Shade Rd
Summer Shade, KY 42166

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 1359

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OFFICIAL USE

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 \$

England Joshua D & Chandra D
388 Summer Shade Rd
Summer Shade, KY 42166

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 1366

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OFFICIAL USE

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 \$

Shaw Justin C
245 Cora Wilborn Rd
Summer Shade, KY 42166

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 1342

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OFFICIAL USE

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 \$

Bowman Jane
708 Summer Shade Rd
Summer Shade, KY 42166

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 1380

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OFFICIAL USE

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 \$

Wade Elaine Trustee Mike Wade
Irrevocable Gift Trust
110 Karakal Drive
Glasgow, KY 42141

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 1397

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OFFICIAL USE

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
 \$

Hurt Jerry Estate
200 Froedge Dubree Rd
Summer Shade, KY 42166

Postmark Here
SHEPHERDSVILLE KY
JUN 17 2024

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0000 3636 1403

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OFFICIAL USE

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
 \$

Froggett Bonnie & Henry Allen
498 Froedge Dubree Rd
Summer Shade, KY 42166

Postmark Here
SHEPHERDSVILLE KY
JUN 17 2024

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0000 3636 1410

U.S. Postal Service™
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OFFICIAL USE

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
 \$

Shaw Chad E & Kelly A
P O Box 1150
Edmonton, KY 42129

Postmark Here
SHEPHERDSVILLE KY
JUN 17 2024

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0000 3636 0727

U.S. Postal Service™
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OFFICIAL USE

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
 \$

Shaw Donnie
355 Pitcock Rd
Summer Shade, KY 42166

Postmark Here
SHEPHERDSVILLE KY
JUN 17 2024

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0000 3636 0734

U.S. Postal Service™
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OFFICIAL USE

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
 \$

Pitcock Joshua
635 Tarter Jessie Rd
Summer Shade, KY 42166

Postmark Here
SHEPHERDSVILLE KY
JUN 17 2024

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0000 3636 0758

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

OFFICIAL USE

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
 \$

Hicks Karen Sue
5217 E 200 N
Greenfield, IN 46140

Postmark Here
SHEPHERDSVILLE KY
JUN 17 2024

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0000 3636 0741

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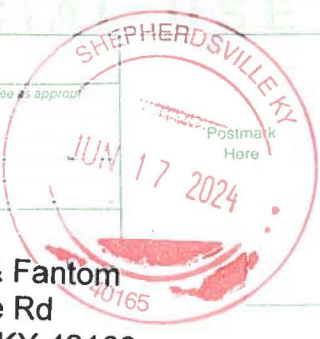
For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

Pitcock Joshua & Fantom
635 Tarter Jessie Rd
Summer Shade, KY 42166



7022 3330 0000 3636 0765

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

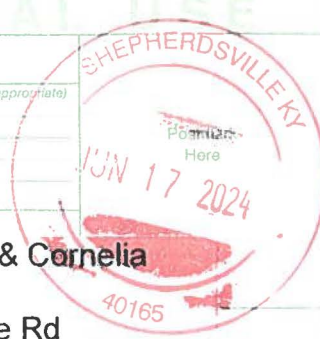
For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

Sizemore Leonard & Cornelia
Louise
474 Summer Shade Rd
Summer Shade, KY 42166



7022 3330 0000 3636 0772

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CERTIFIED MAIL® RECEIPT
Domestic Mail Only

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OFFICIAL USE

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

Dickerson Lumber Co
PO Box 125
Summer Shade, KY 42166



7022 3330 0000 3636 0789

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CERTIFIED MAIL® RECEIPT
Domestic Mail Only

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

OFFICIAL USE

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

Young Timmy M
450 Guy Young Rd
Summer Shade, KY 42166



7022 3330 0000 3636 0796

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

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OFFICIAL USE

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage

Young Timothy
305 Guy Young Rd
Summer Shade, KY 42166



SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Bowman Jane
708 Summer Shade Rd
Summer Shade, KY 42166



9590 9402 7926 2305 8757 85

2. Article Number (Transfer from service label)

7022 3330 0000 3636 1335

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
 Jane Bowman Agent
 Addressee
- B. Received by (Printed Name)
Jane Bowman
- C. Date of Delivery
6-26-24
- D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery
 - Priority Mail Express®

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

England Joshua D & Chandra D
388 Summer Shade Rd
Summer Shade, KY 42166



9590 9402 7926 2305 8758 08

2. Article Number (Transfer from service label)

7022 3330 0000 3636 1359

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
 Chandra England Agent
 Addressee
- B. Received by (Printed Name)
Chandra England
- C. Date of Delivery
6-24-24
- D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery
 - Priority Mail Express®

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Shaw Justin C
245 Cora Wilborn Rd
Summer Shade, KY 42166



9590 9402 7926 2305 8758 15

2. Article Number (Transfer from service label)

7022 3330 0000 3636 1366

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
 J. Shaw Agent
 Addressee
- B. Received by (Printed Name)
Candice Shaw
- C. Date of Delivery
6/21/24
- D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery
 - Priority Mail Express®

Glover Creek

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Bowman Jane
708 Summer Shade Rd
Summer Shade, KY 42166



9590 9402 7926 2305 8758 22

2. Article Number (Transfer from service label)

7022 3330 0000 3636 1373

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Jane Bowman*

Agent

Addressee

B. Received by (Printed Name)

Jane Bowman

C. Date of Delivery

6-26-24

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

3. Service Type

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Wade Elaine Trustee Mike Wade
Irrevocable Gift Trust
110 Karakal Drive
Glasgow, KY 42141



9590 9402 7926 2305 8758 39

2. Article Number (Transfer from service label)

7022 3330 0000 3636 1380

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Elaine Wade*

Agent

Addressee

B. Received by (Printed Name)

Elaine Wade

C. Date of Delivery

6-25-2024

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

3. Service Type

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Hurt Jerry Estate
200 Froedge Dubree Rd
Summer Shade, KY 42166



9590 9402 7926 2305 8758 46

2. Article Number (Transfer from service label)

7022 3330 0000 3636 1397

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Teresa Hurt*

Agent

Addressee

B. Received by (Printed Name)

Teresa Hurt

C. Date of Delivery

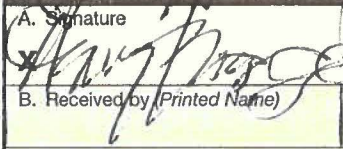

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

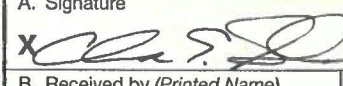

3. Service Type

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Froggett Bonnie & Henry Allen 498 Froese Dubree Rd Summer Shade, KY 42166</p>  <p>9590 9402 7926 2305 8758 53</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 3330 0000 3636 1403</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>Chad E. Shaw</u> C. Date of Delivery <u>6/21/24</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Shaw Chad E & Kelly A P O Box 1150 Edmonton, KY 42129</p>  <p>9590 9402 7926 2305 8758 60</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 3330 0000 3636 1410</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Shaw Donnie 355 Pitcock Rd Summer Shade, KY 42166</p>  <p>9590 9402 7926 2305 8751 67</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 3330 0000 3636 0727</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Hicks Karen Sue
5217 E 200 N
Greenfield, IN 46140



9590 9402 7926 2305 8751 81

2. Article Number (Transfer from service label)

7022 3330 0000 3636 0758

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

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
 Agent
 Addressee
- B. Received by (Printed Name)
 C. Date of Delivery
- D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Sizemore Leonard & Cornelia
Louise
474 Summer Shade Rd
Summer Shade, KY 42166



9590 9402 7926 2305 8752 04

2. Article Number (Transfer from service label)

7022 3330 0000 3636 0765

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

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
 Agent
 Addressee
- B. Received by (Printed Name)
 C. Date of Delivery
- D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Dickerson Lumber Co
PO Box 125
Summer Shade, KY 42166



9590 9402 7926 2305 8752 11

2. Article Number (Transfer from service label)

7022 3330 0000 3636 0772

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

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
 Agent
 Addressee
- B. Received by (Printed Name)
 C. Date of Delivery
- D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Young Timmy M
 450 Guy Young Rd
 Summer Shade, KY 42166



9590 9402 7926 2305 8752 28

2. Article Number (Transfer from service label)

7022 3330 0000 3636 0789

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Melissa Young* Agent
 Addressee

B. Received by (Printed Name)

Melissa Young

C. Date of Delivery

6/22/24

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

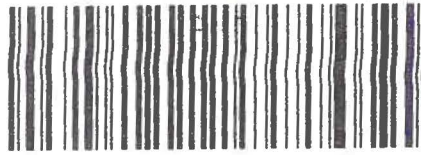
3. Service Type

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

Pike
 P. O. Box 369
 Shepherdsville, KY 40165

7/16

CERTIFIED MAIL®



7022 3330 0000 3636 0796

FIRST-CLASS



US POSTAGE — PITNEY BOWES
 ZIP 40165 \$ 008.69⁰
 JUN 17 2024

WJ
 RT-13
 Sig Rec
 06/21

Young Timothy
 305 Guy Young Rd
 Summer Shade, KY 42166

42100-RFS-IN 07/06/24
 RETURN TO SENDER
 UNCLAIMED
 UNABLE TO FORWARD
 RETURN TO SENDER

2/26
 ret. 7/16

*
 R
 F
 S
 *



SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Young Timothy
 305 Guy Young Rd
 Summer Shade, KY 42166



9590 9402 7926 2305 8752 35

2. Article Number (Transfer from service label)

7022 3330 0000 3636 0796

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

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

Tracking Number:

[Remove X](#)

70223330000036366040

[Copy](#)

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

Latest Update

Your item was picked up at a postal facility at 12:49 pm on July 30, 2024 in SUMMER SHADE, KY 42166.

Get More Out of USPS Tracking:

[USPS Tracking Plus[®]](#)

Delivered

Delivered, Individual Picked Up at Postal Facility

SUMMER SHADE, KY 42166

July 30, 2024, 12:49 pm

[See All Tracking History](#)

Feedback

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

[Text & Email Updates](#)



[USPS Tracking Plus[®]](#)



[Product Information](#)



[See Less ^](#)

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

[FAQs](#)

Tracking Number:

Remove X

70223330000036360734

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item is being held at the SUMMER SHADE, KY 42166 post office at 8:30 am on June 21, 2024. This is at the request of the customer.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Feedback

Delivery Attempt

Held at Post Office, At Customer Request

SUMMER SHADE, KY 42166
June 21, 2024, 8:30 am

Departed USPS Regional Facility

NASHVILLE TN DISTRIBUTION CENTER
June 21, 2024, 7:52 am

See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



USPS Tracking Plus®





See Less ^

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

FAQs

Tracking Number:

Remove X

70223330000036360741

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item is being held at the SUMMER SHADE, KY 42166 post office at 8:30 am on June 21, 2024. This is at the request of the customer.

Get More Out of USPS Tracking:

USPS Tracking Plus[®]

Feedback

Delivery Attempt

Held at Post Office, At Customer Request

SUMMER SHADE, KY 42166
June 21, 2024, 8:30 am

Departed USPS Regional Facility

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Text & Email Updates



USPS Tracking Plus[®]





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
Site Name: GLOVER CREEK**

Dear Landowner:

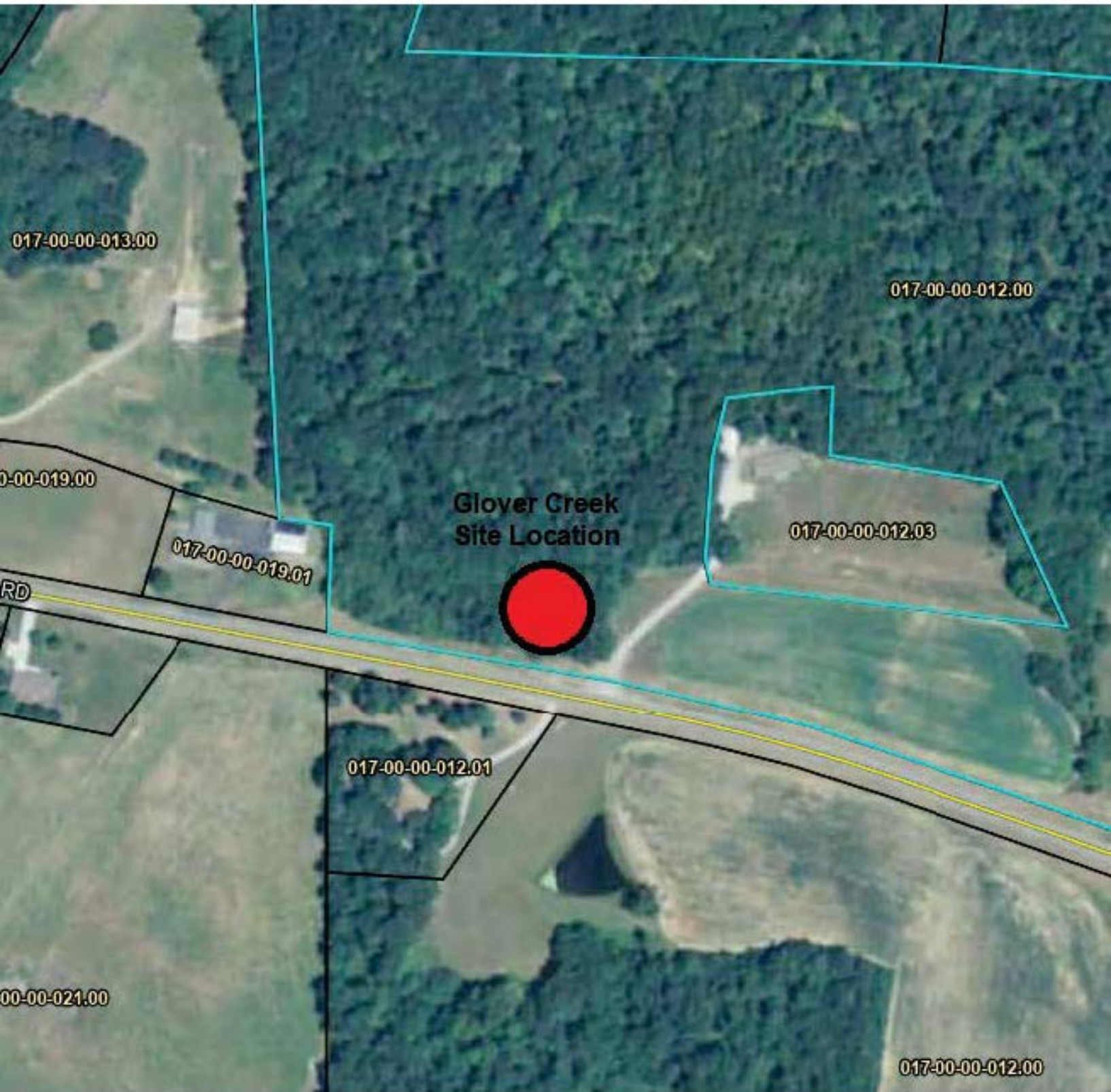
Harmoni Towers AssetCo LLC, a Delaware limited liability company, and Cellco Partnership d/b/a Verizon Wireless are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on Sumer Shade Road (Parcel Address: 708 Summer Shade Road / E911 address: 486 Summer Shade Road), Summer Shade, KY 42166 (36° 53' 46.16" North latitude, 85° 44' 03.79" West longitude). The proposed facility will include a 250-foot tall tower with a 4-foot tall lightning arrestor attached at the top for a total height of 254 feet, plus related ground facilities. This facility is needed to provide improved service for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the PSC, either in writing or to request intervention in the PSC's proceedings on the application. You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00194 in any correspondence sent in connection with this matter.

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

Sincerely,
David A. Pike
Attorney for Applicant

enclosures



017-00-00-013.00

017-00-00-012.00

0-00-019.00

Glover Creek
Site Location

017-00-00-012.03

017-00-00-019.01

RD

017-00-00-012.01

00-00-021.00

017-00-00-012.00

EXHIBIT L
COPY OF COUNTY JUDGE/EXECUTIVE 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

Larry Wilson
County Judge Executive
P.O. Box 149
Edmonton, KY 42129

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2024-00194
Site Name: GLOVER CREEK

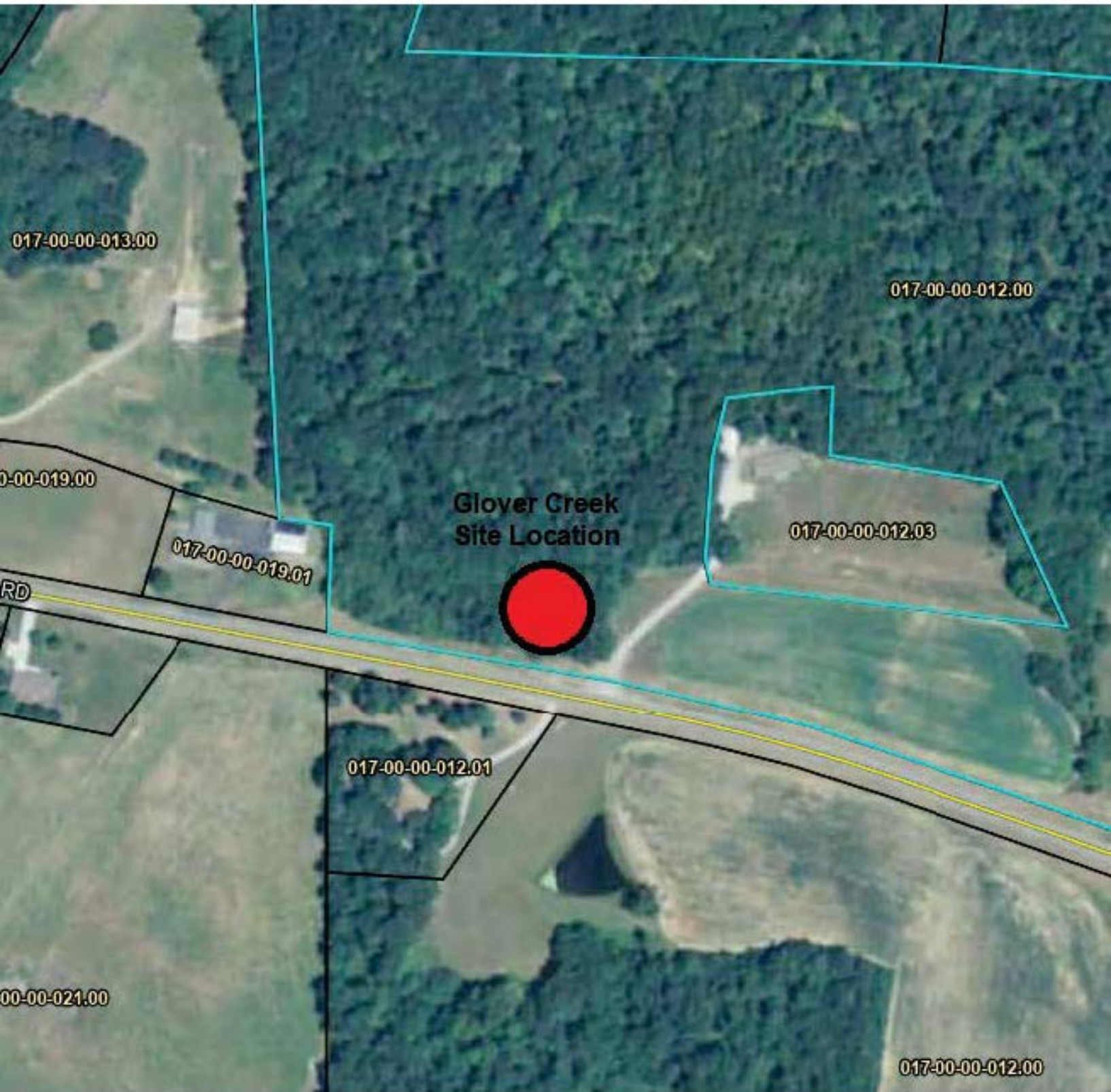
Dear Judge/Executive:

Harmoni Towers AssetCo, LLC, a Delaware limited liability company, and Cellco Partnership d/b/a Verizon Wireless are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on Sumer Shade Road (Parcel Address: 708 Summer Shade Road / E911 address: 486 Summer Shade Road), Summer Shade, KY 42166 (36° 53' 46.16" North latitude, 85° 44' 03.79" West longitude). The proposed facility will include a 250-foot tall tower with a 4-foot tall lightning arrestor attached at the top for a total height of 254 feet, plus related ground facilities. This facility is needed to provide improved service for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00194 in any correspondence sent in connection with this matter.

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

Sincerely,
David A. Pike
Attorney for Applicant
enclosures



017-00-00-013.00

017-00-00-012.00

Glover Creek
Site Location

017-00-00-012.03

017-00-00-019.01

017-00-00-012.01

017-00-00-012.00

00-00-019.00

RD

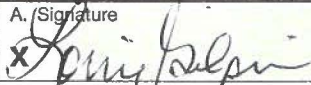
00-00-021.00

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

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

7022 3330 0000 3636 1328

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
 \$
 To: Hon. Larry Wilson
 County Judge Executive
 P.O. Box 149
 Edmonton, KY 42129
 Postmark Here
 JUN 17 2024
 SHEPHERDSVILLE KY
 40165
 Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY												
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Corrie Gilpin</p> <p>C. Date of Delivery 6/24/23</p>												
<p>1. Article Addressed to:</p> <p>Hon. Larry Wilson County Judge Executive P.O. Box 149 Edmonton, KY 42129</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>												
<p>2. Article Number (Transfer from service label) 7022 3330 0000 3636 1328</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®												
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™												
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery												
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™												
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery												
<input type="checkbox"/> Collect on Delivery Restricted Delivery													

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

SITE NAME: CK GLOVER CREEK
NOTICE SIGNS

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

Harmoni Towers AssetCo, LLC, a Delaware limited liability company and Cellco Partnership d/b/a Verizon Wireless propose to construct a telecommunications **tower** on this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00194 in your correspondence.

Harmoni Towers AssetCo, LLC, a Delaware limited liability company and Cellco Partnership d/b/a Verizon Wireless propose to construct a telecommunications **tower** near this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00194 in your correspondence.



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

Edmonton Herald-News
Attn: Public Notice Ad Placement
116 S. Main Street
Edmonton, KY 42129
Via Email: heraldnews@jpinews.com

RE: Legal Notice Advertisement
Site Name: Glover Creek

Dear Edmonton Herald-News:

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

NOTICE

Harmoni Towers Assetco, LLC, a Delaware limited liability company and Cellco Partnership d/b/a Verizon Wireless are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on Summer Shade Road (Parcel Address: 708 Summer Shade Road / E911 address: 486 Summer Shade Road), Summer Shade, Kentucky 42166 (36°53'46.16" North latitude, 85°44'03.79" West longitude). You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2024-00194 in any correspondence sent in connection with this matter.

After this advertisement has been published, please forward a tearsheet copy, affidavit of publication, and invoice to Pike Legal Group, PLLC, P. O. Box 369, Shepherdsville, KY 40165. Please call me at (800) 516-4293 if you have any questions. Thank you for your assistance.

Sincerely,
Aaron L. Roof
Pike Legal Group, PLLC

EXHIBIT N
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

