# COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF	)
SKYWAY TOWERS, LLC, AND	)
KENTUCKY RSA NO. 1 PARTNERSHIP BY CELLCO	)
PARTNERSHIP D/B/A VERIZON WIRELESS	)
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	) CASE NO.: 2025-00065
CONVENIENCE AND NECESSITY TO CONSTRUCT	)
A WIRELESS COMMUNICATIONS FACILITY	)
IN THE COMMONWEALTH OF KENTUCKY	)
IN THE COUNTY OF CALLOWAY	)

SITE NAME: FLINT

APPLICATION FOR CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

FOR CONSTRUCTION OF A WIRELESS COMMUNICATIONS FACILITY

Skyway Towers, LLC, a Delaware limited liability company and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Operating Entity, ("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 provides and states the following information:

1. The complete name and address of the Applicants are: Skyway Towers, LLC,

a Delaware limited liability company having an address of 3637 Madaca Lane, Tampa, Florida 33618 and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Operating Entity, 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. Skyway Towers, LLC is a limited liability company organized in the State of Delaware. Skyway Towers, LLC's Certificate of Good Standing issued by the State of Delaware is attached as part of **Exhibit A** and hereby incorporated by reference. Skyway Towers, 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, Kentucky RSA No. 1 Partnership's Operating Entity ("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. Verizon Wireless operates on frequencies licensed by the Federal

Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of 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 Verizon Wireless' services to an area currently not served or not adequately served by Verizon Wireless by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless communications services. The WCF will provide a necessary link in Verizon Wireless' communications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications service area. The WCF is an integral link in Verizon Wireless' network design that must be in place to provide adequate coverage to the service area.
- 7. To address the above-described service needs, Applicants propose to construct a WCF in a lease area located at 18 Stonecrop Drive, Almo, KY 42020 (36° 41' 55.263" North latitude, 88° 18' 03.393" 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 Welch Concrete Products, LLC, a Kentucky limited liability corporation, pursuant to a Deed recorded at Deed Book 1141, Page 691 in the office of the County Clerk. The proposed WCF will consist of a 150-foot tower, with an approximately 5-foot lightning arrestor attached at the top, for a total height of 155-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of Verizon Wireless' radio electronics equipment and appurtenant equipment. Verizon

Wireless' 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 Verizon Wireless' antennas on an existing structure. When suitable towers or structures exist, Verizon Wireless attempts to co-locate on existing structures such as communications towers or other structures capable of supporting Verizon Wireless' facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site.
- 12. A Determination of No Hazard to Air Navigation issued by the Federal Aviation Administration ("FAA") for the proposed tower is attached as **Exhibit E**.

- 13. Documentation from the Kentucky Airport Zoning Commission ("KAZC") confirming that a KAZC permit is not required because a tower at the proposed height and location is outside of the KAZC's jurisdiction 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. Skyway Towers, 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 Hank Haynes 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 notified every person who, according to the records of the County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and 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 Calloway County PVA records obtained on March 14, 2025 (and re-verified on April 17, 2025) and used to generate the notice list are attached as part of **Exhibit J**.
- 23. Fourteen 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. Fourteen signed United States Postal Service Form 3811 "green cards" have been returned. Copies of the returned "green cards" are attached as a part of **Exhibit J**. All required landowner notice letters are accounted for as of the date of this filing.
- 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 was published in a newspaper of general circulation in the county in which the WCF is proposed to be located. A tear sheet from the newspaper that includes the notice advertisement and an affidavit from the publisher certifying that the notice advertisement was published is attached as part of **Exhibit M**.
- 27. The general area where the proposed facility is to be located is rural in character and consists of industrial, agricultural and residential uses.
  - 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

wid a Pelse

Keik Brown

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**

Α	-	Business Entity Documentation & FCC License Documentation
В	-	Site Development Plan:
		500' Vicinity Map Legal Descriptions Flood Plain Certification Site Plan Vertical Tower Profile
С	-	Tower and Foundation Design
		Construction Manager Letter List of Qualified Professionals Tower and Foundation Drawings
D	-	Competing Utilities, Corporations, or Persons List
E	-	Federal Aviation Administration Documentation
F	-	Kentucky Airport Zoning Commission Documentation
G	-	Geotechnical Report
Н	-	Directions to WCF Site
1	-	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
М	-	Copy of Posted Notices, Newspaper Notice Advertisement Tear Sheet and Affidavit
N	-	Copy of Radio Frequency Design Search Area

## **EXHIBIT A**

# BUSINESS ENTITY DOCUMENTATION & FCC LICENSE DOCUMENTATION

Page 1



I, CHARUNI PATIBANDA-SANCHEZ, SECRETARY OF STATE OF THE STATE

OF DELAWARE, DO HEREBY CERTIFY "SKYWAY TOWERS, 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 FOURTH DAY OF APRIL, A.D. 2025.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "SKYWAY TOWERS, LLC" WAS FORMED ON THE FOURTEENTH DAY OF NOVEMBER, A.D. 2012.

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

TARY'S OCICE

Charuni Patibanda-Sanchez. Secretary of State
Authentication: 203357701

C. B. Sanchez

Date: 04-04-25

5242195 8300 SR# 20251397325

# 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: 332021

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

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

## **SKYWAY TOWERS, LLC**

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on June 16, 2014.

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 4<sup>th</sup> day of April, 2025, in the 233<sup>rd</sup> year of the Commonwealth.



Michael G. Adams Secretary of State

Commonwealth of Kentucky

Milael G. Oldown

332021/0889888



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.

Authentication: 203227418

Jeffrey W. Bullock, Secretary of State

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.

CE TOURE ALTH OF MENTING OF THE PARTY OF THE

Michael G. Adams Secretary of State

Commonwealth of Kentucky kdcoleman/0641227 - Certificate ID: 290787

Michael & aldams

## COMMONWEALTH OF KENTUCKY TREY GRAYSON SECRETARY OF STATE



0641227.07

Doornish 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 cerulies that the assumed name of			
Verizon Wireless			
News under which the but	hass will be conducted)		
has been adopted bySee Addendum			
[Real name - KR	9 363.015[1]]		
which is the "real name" of PYOU MUST CHECK ONE)  a Domestic General Partnership  a Domestic Limited Partnership  a Domestic Limited Partnership  a Domestic Business Trust  a Domestic Corporation  a Domestic Limited Liability Company	a Foreign General Part a Foreign Registered L a Foreign Limited Part a Foreign Business Tri a Foreign Corporation a Foreign Limited Liab	Imited Llabili nership ust	
a Joint Venture			
organized and existing in the state or country of		, and v	whose address is
One Verizon Way	Basking Ridge	NJ	07920
Sbasiedde od, II any	City	Stele	2½ Code
The certificate of assumed name is executed by  NYNEX PCS Inc.  Jane A. Schapker-Assistant Secretary	Equality V  Print or high to see and this		
June 15, 2006	Definit on lights not now sound life		

65 C-228 (7/96)

(See attached sheet for Instructions

### 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, 7th Floor Walnut Creek, CA 94597
N PartnerCo, LLC	2999 Oak Road, 7th Floor Walnut Creek, CA 94597

### C227

# Commonwealth of Kentucky Alison Lundergan Grimes, Secretary o

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

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

# Renewal Certificate of Assumed Name

REN

This certifies that the assumed name of

#### **VERIZON WIRELESS**

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

### **Signatures**

Signature Title Date Karen M. Shipman Assistatn Secretary 5/31/2016 1:54:34 PM

#### REFERENCE COPY

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



### **Federal Communications Commission**

**Wireless Telecommunications Bureau** 

#### RADIO STATION AUTHORIZATION

LICENSEE: KENTUCKY RSA NO. 1 PARTNERSHIP

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

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

FCC Registration Number (FRN): 0001836709

Market Name Kentucky 1 - Fulton

Grant Date	Effective Date	Expiration Date	Five Yr Build-Out Date	Print Date
08-31-2021	08-31-2021	10-01-2031		08-31-2021

#### **Site Information:**

Location Latitude Longitude Ground Elevation Structure Hgt to Tip Antenna Structure (meters) Registration No.

1 36-20-59.2 N 089-22-12.3 W 98.0

Address: 0.68 MILE SOUTH OF LASSITER CORNER & REEL FOOT LAKE

City: LASSITER CORNER County: LAKE State: TN Construction Deadline:

Antenna: 1

**Maximum Transmitting ERP in Watts: 135.800** 

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

#### **Conditions:**

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

Location Latitude 2 36-45-58.0 N	<b>Longitude</b> 088-38-50.0 W	(n	round Elev neters) 43.0	(	Structure Hgt (meters) 147.8	to Tip	Antenna St Registration 1043917	
Address: 416 Jimtown Road City: MAYFIELD County:	GRAVES State	e: KY	Constructio	n Deadli	ine•			
City: MATTILLED County.	GRAVES State	C. KI	- Constituctio	n Deaun	· · · · · · · · · · · · · · · · · · ·			
Antenna: 2 Maximum Transmitting ERP in Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	Watts: 140.820 0 124.300 91.200	<b>45</b> 120.000 87.100	<b>90</b> 100.800 85.110	135 92.100 85.110	<b>180</b> 88.300 89.130	<b>225</b> 103.100 87.100	<b>270</b> 108.600 89.130	<b>315</b> 100.800 89.130
Location Latitude	Longitude	_	round Elev		Structure Hgt	to Tip	Antenna St	
4 36-54-35.5 N	089-04-01.6 W	,	neters) 10.3		( <b>meters</b> ) 121.0		Registration 1030662	n No.
Address: (Wickliffe) 353 CR			20.0		121.0		1030002	
City: Bardwell County: CA	RLISLE State:	KY Co	nstruction	Deadlin	e:			
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) Transmitting ERP (watts)	107.500 189.230	98.100 48.640	119.800 1.690	96.700	86.900 0.930	133.300 0.930	130.900	130.400 52.120
Antenna: 5		46.040	1.090	0.930	0.930	0.930	1.810	32.120
Maximum Transmitting ERP in Azimuth(from true north)	<b>Watts:</b> 140.820	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	98.100	119.800	96.700		133.300	130.900	130.400
Transmitting ERP (watts) Antenna: 6	1.710	64.860	368.980	174.580	0 8.750	0.930	0.930	0.930
Maximum Transmitting ERP in		4-	00	405	100	225	250	215
Azimuth(from true north) Antenna Height AAT (meters)	<b>0</b> 107.800	<b>45</b> 98.100	<b>90</b> 119.800	96.700	180 86.900	<b>225</b> 133.300	<b>270</b> 130.900	<b>315</b> 130.400
Transmitting ERP (watts)	0.350	0.350	1.230	35.330	112.440	35.270	1.000	0.350
Location Latitude	Longitude		round Elev neters)		Structure Hgt (meters)	to Tip	Antenna St Registratio	
6 36-31-12.4 N	088-50-41.5 W	14	44.2		122.2		1030665	
Address: (Fulton) 550 Powell								
City: Fulton County: HICK	MAN State: K	Y Cons	truction De	adline:				
Antenna: 4								
Maximum Transmitting ERP in	<b>Watts:</b> 140.820							
Azimuth(from true north) Antenna Height AAT (meters)	<b>0</b> 128.200	<b>45</b> 122.800	90	135	180	225	270	315
Transmitting ERP (watts)	110.570	412.100	123.200 98.560	135.200 4.220	0 147.500 1.510	157.200 0.920	143.900 0.920	141.700 6.530
Antenna: 5 Maximum Transmitting ERP in	Watts: 140.820						7	
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters) Transmitting ERP (watts)	128.200 0.550	122.800 0.550	123.200 0.550	135.200 0.550	0 147.500 1.480	157.200 16.430	143.900 11.480	141.700 0.700
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Antenna: 6 Maximum Transmitting ERP Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	0	<b>45</b> 122.800 5.650	<b>90</b> 123.200 2.230	135 135.20 0.920	180 00 147.500 1.320	<b>225</b> 157.200 5.450	<b>270</b> 143.900 78.640	<b>315</b> 141.700 402.820
Location Latitude 7 36-38-26.2 N	<b>Longitude</b> 088-16-00.1 W	(n	round Elev neters) 65.8	ation	Structure Hgt (meters) 90.8	to Tip	Antenna St Registratio 1030663	
Address: (Murray) 1431 Var		VV C	matrustion	Doodli	<b>n</b> 0.			
City: Murray County: CALLOWAY State: KY Construction Deadline:								
Antenna: 4 Maximum Transmitting ERP Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5	0	<b>45</b> 107.100 6.420	90 115.000 0.560	135 106.90 0.560	180 00 87.400 0.560	<b>225</b> 91.300 0.830	<b>270</b> 86.200 39.630	<b>315</b> 97.500 251.940
Maximum Transmitting ERP Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 6	0 106.900 3.450	<b>45</b> 107.100 96.460	<b>90</b> 115.000 263.070	135 106.90 57.230		<b>225</b> 91.300 0.560	<b>270</b> 86.200 0.560	<b>315</b> 97.500 0.560
Maximum Transmitting ERP Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	0	<b>45</b> 107.100 0.370	<b>90</b> 115.000 0.370	135 106.90 12.730		225 91.300 104.340	<b>270</b> 86.200 9.310	<b>315</b> 97.500 0.370
Location Latitude	Longitude		round Elev neters)	ation	Structure Hgt (meters)	to Tip	Antenna St Registratio	
8 37-03-51.4 N	088-57-23.6 W	1	16.4		92.4		1030664	
Address: (La Center) 220 RI			_					
City: LA CENTER Count	ty: BALLARD St	ate: KY	Construct	ion Dea	adline:			
Antenna: 2 Maximum Transmitting ERP Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 3	0	<b>45</b> 78.400 71.430	<b>90</b> 71.900 167.460	135 66.000 63.670		<b>225</b> 67.000 0.640	270 87.700 0.330	<b>315</b> 96.100 0.330
Antenna: 3 Maximum Transmitting ERP Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	0	<b>45</b> 78.400 1.000	<b>90</b> 71.900 1.380	135 66.000 23.440		<b>225</b> 67.000 457.090	270 87.700 66.070	<b>315</b> 96.100 2.240

Call Sign: KNKQ306 **Print Date:** 08-31-2021 **File Number:** 0009611390

**Location Latitude** Longitude **Ground Elevation** Structure Hgt to Tip **Antenna Structure** (meters) (meters) Registration No. 37-03-51.4 N 088-57-23.6 W 116.4 92.4 1030664 Address: (La Center) 220 RICHARDSON LN City: LA CENTER **County: BALLARD** State: KY **Construction Deadline:** Antenna: 4 **Maximum Transmitting ERP in Watts: 140.820** Azimuth(from true north)
Antenna Height AAT (meters) 90 135 180 225 270 315 45 85.600 78.400 71.900 66.000 65.300 67.000 87.700 96.100 Transmitting ERP (watts) 165.960 6.610 0.910 0.500 0.500 0.890 45.710 223.870 **Ground Elevation Structure Hgt to Tip Antenna Structure Location Latitude** Longitude (meters) (meters) Registration No. 10 088-58-29.2 W 1030723 36-44-07.9 N 131.9 92.9 Address: 3975 State Route 2206 City: CLINTON **County:** HICKMAN State: KY **Construction Deadline:** Antenna: 2 **Maximum Transmitting ERP in Watts:** 140.820 Azimuth(from true north) 45 90 135 180 225 270 315 Antenna Height AAT (meters) 100.500 101.900 98.900 84.700 107.900 118.900 119.900 100.400 Transmitting ERP (watts) 96.610 96.610 96.610 96.610 96.610 96.610 96.610 96.610 **Ground Elevation Structure Hgt to Tip Location Latitude** Longitude **Antenna Structure** (meters) (meters) Registration No. 11 105.5 106.7 1040303 37-02-00.0 N 088-22-10.0 W Address: (Calvert City) 641 Jary Johnson Rd. **Construction Deadline:** City: Calvert City County: MARSHALL State: KY Antenna: 2 **Maximum Transmitting ERP in Watts:** 140.820 Azimuth(from true north)
Antenna Height AAT (meters) 180 270 45 90 135 225 315 78.900 77.600 83.000 68.600 85.300 97.900 93.100 88.100 Transmitting ERP (watts) 23.380 330.300 378.360 36.130 0.970 0.970 0.970 0.970 Antenna: 3 **Maximum Transmitting ERP in Watts: 140.820** Azimuth(from true north)
Antenna Height AAT (meters) 90 135 180 225 270 315 45 78.900 77.600 88.100 83.000 68.600 85.300 97.900 93.100 Transmitting ERP (watts) 0.970 0.970 0.970 14.730 240.930 357.480 49.940 1.230 Antenna: 4 **Maximum Transmitting ERP in Watts:** 140.820 Azimuth(from true north)
Antenna Height AAT (meters) 90 135 180 225 270 315 45 78.900

93.100

274.970

85.300

4.020

68.600

0.660

97.900

107.530

77.600

2.060

63.740

Transmitting ERP (watts)

88.100

0.660

83.000

0.660

Location Latitud	9.2 N 088-	gitude 31-45.2 W	(m	round Eleva eters) 55.5	(1	Structure Hgt meters) 11.4	to Tip	Antenna St Registratio 1202399	
Address: 12201 SI City: TriCity Co	ounty: GRAVES	State: KY	Constr	uction Dea	dline:				
Antenna: 2 Maximum Transmi	tting ERP in Watts	: 140 820							
Azimuth(from	true north)	0	45	90	135	180	225	270	315
Antenna Height AA Transmitting ERP (		75.100	73.400	74.100	70.100	102.600	100.900	74.700	81.300
Antenna: 3	(watts)	0.280	4.680	67.610	91.200	13.180	0.450	0.250	0.200
Maximum Transmi						100			
Azimuth(from <b>Antenna Height AA</b>		<b>0</b> 75.100	<b>45</b> 73.400	<b>90</b> 74.100	135 70.100	<b>180</b> 102.600	<b>225</b> 100.900	<b>270</b> 74.700	<b>315</b> 81.300
Transmitting ERP (	(watts)	0.360	0.200	0.200	0.350	18.200	89.130	66.070	2.630
Antenna: 4 Maximum Transmi	tting FRP in Watts	• 140 820							
Azimuth(from	true north)	0	45	90	135	180	225	270	315
Antenna Height AA		75.100	73.400	74.100	70.100	102.600	100.900	74.700	81.300
Transmitting ERP (	(watts)	100.000	38.020	0.200	0.380	0.200	0.200	1.260	42.660
Location Latter L. Longitude Cwaynd Floration Structure Hat to Tin Antonno Structure									
Location Latitud	le Long	oitude	Gı	ound Elev	ation S	tructure Hgt	to Tip	Antenna St	ructure
Location Latitud	le Long	gitude		ound Eleva eters)		Structure Hgt meters)	to Tip	Antenna St Registratio	
Location Latitud  14 37-05-4	`	gitude 42-35.2 W	(m		(1	_	to Tip	Antenna St Registratio 1200593	
14 37-05-4	7.2 N 088-	42-35.2 W	(m	eters)	(1	meters)	to Tip	Registratio	
14 37-05-4 <b>Address:</b> (Paducal	7.2 N 088-	42-35.2 W redith Rd.	(m 10	neters) 04.2	6	meters)	·	Registratio	
Address: (Paducal	7.2 N 088- n West) 4415 Merr	42-35.2 W redith Rd.	(m 10	neters) 04.2	6	meters) 53.4	·	Registratio	
14 37-05-4 <b>Address:</b> (Paducal	7.2 N 088- n West) 4415 Merr	42-35.2 W redith Rd.	(m 10	neters) 04.2	6	meters) 53.4	·	Registratio	
14 37-05-4  Address: (Paducah  City: Paducah C  Antenna: 4  Maximum Transmi	7.2 N 088- n West) 4415 Merr County: MCCRAC	42-35.2 W edith Rd. SKEN State: 140.820	(m 10 te: KY	eters) 4.2 Construction	(1 6 on Deadl	meters) 53.4 line: 07-08-20	14	Registratio 1200593	n No.
14 37-05-4  Address: (Paducah City: Paducah C  Antenna: 4  Maximum Transmi Azimuth(from	7.2 N 088- n West) 4415 Merr County: MCCRAC	42-35.2 W edith Rd. EKEN State  : 140.820	(m 10 te: KY	eters) 4.2  Construction 90	on Deadl	meters) 53.4 line: 07-08-20	14	Registratio 1200593 270	315
14 37-05-4  Address: (Paducah City: Paducah C  Antenna: 4  Maximum Transmi Azimuth(from Antenna Height AA  Transmitting ERP (	7.2 N 088- n West) 4415 Merr County: MCCRAC tting ERP in Watts n true north) T (meters)	42-35.2 W edith Rd. SKEN State: 140.820	(m 10 te: KY	eters) 4.2 Construction	(1 6 on Deadl	meters) 53.4 line: 07-08-20	14	Registratio 1200593	n No.
14 37-05-4  Address: (Paducah City: Paducah C  Antenna: 4  Maximum Transmi Azimuth(from Antenna Height AA  Transmitting ERP ( Antenna: 5	7.2 N 088- n West) 4415 Merr County: MCCRAC tting ERP in Watts n true north) (T (meters)	42-35.2 W redith Rd. EKEN State: 140.820 0 59.900 24.580	(m 10 te: KY	90 65.200	0n Deadl 135 50.700	meters) 63.4 line: 07-08-20 180 38.200	225 34.700	Registratio 1200593 270 42.800	315 64.600
14 37-05-4  Address: (Paducah City: Paducah C  Antenna: 4  Maximum Transmi Azimuth(from Antenna Height AA Transmitting ERP (Antenna: 5  Maximum Transmi Azimuth(from Azimuth(f	7.2 N 088- n West) 4415 Merr County: MCCRAC  tting ERP in Watts n true north) (watts)  tting ERP in Watts	42-35.2 W redith Rd. EKEN State: 140.820 0 59.900 24.580	(m 10 te: KY	90 65.200	0n Deadl 135 50.700	meters) 63.4 line: 07-08-20 180 38.200	225 34.700	Registratio 1200593 270 42.800	315 64.600
14 37-05-4  Address: (Paducah City: Paducah C  Antenna: 4  Maximum Transmi Azimuth(from Antenna Height AA Transmitting ERP ( Antenna: 5  Maximum Transmi Azimuth(from Antenna Height AA	7.2 N 088- n West) 4415 Merr County: MCCRAC  tting ERP in Watts n true north) T (meters) (watts) tting ERP in Watts n true north) T (meters)	42-35.2 W redith Rd.  EKEN State  140.820 0 59.900 24.580  140.820 0 59.900	(m 10 te: KY 45 55.900 50.820	90 65.200 50.310 90 65.200	135 50.700 19.100	meters) 63.4 line: 07-08-20  180 38.200 0.840  180 38.200	225 34.700 0.330 225 34.700	270 42.800 0.330 270 42.800	315 64.600 1.370 315 64.600
Address: (Paducah City: Paducah City: Paducah Antenna: 4 Maximum Transmi Azimuth(from Antenna Height AA Transmitting ERP ( Antenna: 5 Maximum Transmi Azimuth(from Antenna Height AA Transmitting ERP (	7.2 N 088- n West) 4415 Merr County: MCCRAC  tting ERP in Watts n true north) T (meters) (watts) tting ERP in Watts n true north) T (meters)	42-35.2 W edith Rd.  EKEN Stat  140.820 0 59.900 24.580  140.820 0	(m 10 te: KY 45 55.900 50.820	90 65.200 50.310	135 50.700 19.100	meters) 63.4 line: 07-08-20  180 38.200 0.840  180	225 34.700 0.330	270 42.800 0.330 270	315 64.600 1.370
Address: (Paducah City: Paducah City: Paducah City: Paducah Antenna: 4 Maximum Transmi Azimuth(from Antenna Height AA Transmitting ERP ( Antenna: 5 Maximum Transmi Azimuth(from Antenna Height AA Transmitting ERP ( Antenna: 6 Maximum Transmi	7.2 N 088- n West) 4415 Merr County: MCCRAC  tting ERP in Watts n true north) T (meters) (watts)  tting ERP in Watts n true north) T (meters) (watts)  tting ERP in Watts tting ERP in Watts tting ERP in Watts	42-35.2 W redith Rd. EKEN Stat  140.820 0 59.900 24.580  140.820 0 59.900 0.440  140.820	(m 10 45 55,900 50,820 45 55,900 0,440	90 65.200 50.310 90 65.200 12.210	135 50,700 19,100 135 50,700 76,570	180 38.200 0.840 180 38.200 112.800	225 34.700 0.330 225 34.700 57.980	270 42.800 0.330 270 42.800 5.460	315 64.600 1.370 315 64.600 0.440
14 37-05-4  Address: (Paducah City: Paducah C  Antenna: 4  Maximum Transmi Azimuth(from Antenna Height AA  Transmitting ERP ( Antenna: 5  Maximum Transmi	7.2 N 088- n West) 4415 Merr County: MCCRAC  tting ERP in Watts n true north) T (meters) (watts) tting ERP in Watts n true north) T (meters) (watts) tting ERP in Watts n true north) tting ERP in Watts n true north)	42-35.2 W redith Rd. EKEN Stat  140.820 0 59.900 24.580 140.820 0 59.900 0.440	(m 10 te: KY 45 55.900 50.820	90 65.200 50.310 90 65.200	135 50.700 19.100	meters) 63.4 line: 07-08-20  180 38.200 0.840  180 38.200	225 34.700 0.330 225 34.700	270 42.800 0.330 270 42.800	315 64.600 1.370 315 64.600

Call Sign: KNKQ306 **Print Date:** 08-31-2021 **File Number:** 0009611390

**Ground Elevation** Structure Hgt to Tip **Location Latitude** Longitude **Antenna Structure** (meters) (meters) Registration No. 15 36-46-54.2 N 088-03-28.1 W 199.0 126.5 1205551 Address: 14664 Canton Road City: Golden Pond **County: TRIGG** State: KY Construction Deadline: 05-19-2006 Antenna: 2 **Maximum Transmitting ERP in Watts:** 140.820 Azimuth(from true north)
Antenna Height AAT (meters) 90 135 180 225 270 315 45 165.000 178.000 183.900 160.400 174.500 170.600 167.000 177.000 Transmitting ERP (watts) 96.610 96.610 96.610 96.610 96.610 96.610 96.610 96.610 **Ground Elevation** Structure Hgt to Tip **Location Latitude** Longitude **Antenna Structure** (meters) (meters) Registration No. 16 089-10-30.9 W 1282534 36-34-03.0 N 109.4 91.4 Address: (Hickman site) Holley Street City: Hickman **County:** FULTON Construction Deadline: 05-28-2014 State: KY Antenna: 1 **Maximum Transmitting ERP in Watts:** 140.820 Azimuth(from true north) 45 90 135 180 225 270 315 Antenna Height AAT (meters) 105.500 102.800 107.900 96.700 89.300 75.700 68.400 107.300 Transmitting ERP (watts) 141.700 118.910 1.140 0.580 0.580 0.580 0.580 4.050 Antenna: 2 **Maximum Transmitting ERP in Watts:** 140.820 Azimuth(from true north) 90 180 225 270 315 45 135 Antenna Height AAT (meters) 105.500 102.800 96.700 89.300 75.700 68.400 107.900 107.300 Transmitting ERP (watts) 0.580 4.050 141.730 118.910 1.140 0.580 0.580 0.580 Antenna: 3 **Maximum Transmitting ERP in Watts: 140.820** Azimuth(from true north) 90 135 180 225 270 315 45 Antenna Height AAT (meters) 105.500 102.800 96.700 89.300 75.700 68.400 107.900 107.300 Transmitting ERP (watts) 45.610 0.460 0.460 0.460 0.460 0.460 7.710 24.600 **Ground Elevation Structure Hgt to Tip Location Latitude** Longitude **Antenna Structure** (meters) (meters) Registration No. 17 37-10-55.4 N 088-56-43.7 W 102.7 99.1 1252613 Address: (Monkey's Eyebrow) 4625 Odgen Colvin Circle **County:** BALLARD State: KY Construction Deadline: 10-24-2014 Antenna: 1 **Maximum Transmitting ERP in Watts: 140.820** Azimuth(from true north)
Antenna Height AAT (meters) 225 270 45 90 135 180 315 85.900 83.500 74.300 84.600 86.500 83.200 90.600 69.600 **Transmitting ERP (watts)** 7.080 125.890 478.630 112.200 4.570 1.580 1.000 1.000 Antenna: 2 **Maximum Transmitting ERP in Watts: 140.820** Azimuth(from true north)
Antenna Height AAT (meters) 225 270 45 90 135 180 315

83.200

1.000

84.600

64.570

74.300

446.680

86.500

2.820

85.900

1.000

Transmitting ERP (watts)

83.500

1.410

90.600

12.020

69.600

213.800

Location LatitudeLongitudeGround Elevation (meters)Structure Hgt to Tip (meters)Antenna Structure Registration No.1737-10-55.4 N088-56-43.7 W102.799.11252613

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

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

Antenna: 4

**Maximum Transmitting ERP in Watts:** 140.820 Azimuth(from true north)
Antenna Height AAT (meters) **0** 85.900 45 90 135 180 225 270 315 69.600 2.000 83.500 90.600 74.300 84.600 86.500 83.200 **Transmitting ERP (watts)** 2.000 2.000 398.110 549.540 2.000 2.000 4.900

**Control Points:** 

Control Pt. No. 3

Address: 500 W. Dove Rd.

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

Waivers/Conditions:

**NONE** 



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FCC Site Map

**ULS** Application

### Cellular - 0009611390 - KENTUCKY RSA NO. 1 **PARTNERSHIP**

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**Emergency STA** 

Number of Rules

Grandfathered

Regulatory Fee

Action Date

Requested **Expiration Date** 

Privileges

Exempt

TRANS LOG SERVICE SPECIFIC MAIN **ADMIN** 

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

**General Information** 

Application

RO - Renewal Only

Purpose

Type

Existing Radio Service

Authorization

Receipt Date

**Entered Date** 

Regular

No

07/06/2021

07/06/2021

Waiver No

**Attachments** No

Application Fee

Exempt

Major Request

Use Question

**Market Data** 

Market CMA443 - Kentucky 1 - Fulton

0

Submarket Designator

Name

Channel Block Phase

В (View Frequencies)

08/31/2021

2

No

No

**Applicant Information** 

FRN 0001836709 (View Ownership Filing)

Type

General Partnership

KENTUCKY RSA NO. 1

PARTNERSHIP

5055 North Point Pkwy, NP2NE

Network Engineering Alpharetta, GA 30022 ATTN Licensing Manager P:(770)797-1070 F:(770)797-1036

E:LicensingCompliance@VerizonWireless.com

Real Party in FRN of Real Interest Party in Interest

**Contact Information** 

Name Verizon Wireless P:(770)797-1070

Licensing Manager F:(770)797-1036
5055 North Point Pkwy, NP2NE E:LicensingCompliance@VerizonWireless.com

Network Engineering Alpharetta, GA 30022 ATTN Regulatory

Qualifications, Ownership

Radio Service Mobile

Type

Regulatory Status Common Carrier Interconnected Yes

**Alien Ownership** 

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

**Basic Qualifications** 

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

Demographics

Race

Ethnicity 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 45 L Street NE Washington, DC 20554

Phone: 1-877-480-3201 ASL Videophone:1-844-432-2275

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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

<b>Call Sign</b> KNLH404	File Number
Radio	<b>Service</b>
CW - PCS	Broadband

FCC Registration Number (FRN): 0003290673

•			
<b>Grant Date</b> 04-24-2017	Effective Date 11-30-2017	1	
Market Number BTA339		nel Block	Sub-Market Designator
	<b>Market</b> Paducah-Murray		
<b>1st Build-out Date</b> 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

### **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNLH404 File Number: Print Date: 01-10-2018

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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### **Universal Licensing System**

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FCC Site Map

E:Licensing.Compliance@verizonwireless.com

? HELP

**ULS Application** 

#### 0009135432 - Verizon Communications Inc.

New Search Refine Search Printable Page Reference Copy

MAIN TRANS LOG TRANSFERS LICENSES REVENUE

File Number 0009135432 Application Status Q - Accepted

**General Information** 

Application TC - Transfer of Control

Purpose

Receipt Date 07/21/2020

Entered Date 07/21/2020 Action Date 08/13/2020

Waiver No Number of Rules

Attachments <u>Yes</u>

Application Fee No Waiver/Deferral No

Exempt Fee

**Licensee Information** 

FRN 0003290673 Type General Partnership

(View Ownership Filing)

Name Cellco Partnership P:(770)797-1070

ATTN Regulatory 5055 North Point Pkwy, NP2NE

Engineering

Alpharetta, GA 30022

Race Gender

Ethnicity

**Licensee Contact Information** 

Name Verizon P:(202)515-2453

Sarah Trosch E:sarah.trosch@verizon.com

1300 I Street, NW - Suite 500

Washington, DC 20005

**Transferor Information** 

FRN 0003257094 Type Corporation

(View Ownership Filing)

P:(202)515-2453

P:(202)783-4141

F:(202)783-5851

E:jkostyu@wbklaw.com

E:sarah.trosch@verizon.com

E:sarah.trosch@verizon.com

Verizon Communications Inc. Name

ATTN Sarah Trosch

1300 I Street, NW - Suite 500

East

Washington, DC 20005

Gender Race

Ethnicity

**Transferor Contact Information** 

Name Wilkinson Barker Knauer, LLP

ATTN Jennifer L. Kostyu 1800 M. St., NW, Suite 800N Washington, DC 20036

**Transferee Information** 

FRN 0003257094 Type Corporation

(View Ownership)

Verizon Communications Inc. P:(202)515-2453 Name

ATTN Sarah Trosch

1300 I Street, NW - Suite 500

Fast

Washington, DC 20005

Real Party In FRN of Real 0003290673 Cellco Partnership

> Party in Interest

Race Gender

Ethnicity

Interest

**Transferee Contact Information** 

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

1800 M. St., NW, Suite 800N E:jkostyu@wbklaw.com Washington, DC 20036

**Transferee Qualifications and Ownership Information** 

**Alien Ownership** 

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

**Basic Qualifications** 

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

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# **Federal Communications Commission**

**Wireless Telecommunications Bureau** 

#### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

<b>Call Sign</b> KNLH414	<b>File Number</b> 0008495448	
Radio Service CW - PCS Broadband		

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 03-31-2017	Effective Date 04-30-2019	Expiration Date 04-28-2027	<b>Print Date</b> 04-19-2019
Market Number BTA314		nel Block D	Sub-Market Designator 0
		t Name lle, TN	
1st Build-out Date 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

### **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

**Call Sign:** KNLH414 **File Number:** 0008495448 **Print Date:** 04-19-2019

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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FCC Site Map

E:Licensing.Compliance@verizonwireless.com

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**ULS** Application

# 0009135432 - Verizon Communications Inc.

New Search Refine Search Printable Page Reference Copy

MAIN TRANS LOG TRANSFERS LICENSES REVENUE

File Number 0009135432 Application Status Q - Accepted

**General Information** 

Application TC - Transfer of Control

Purpose

Receipt Date 07/21/2020

Entered Date 07/21/2020 Action Date 08/13/2020

Waiver No Number of Rules

Attachments <u>Yes</u>

Application Fee No Waiver/Deferral No

Exempt Fee

**Licensee Information** 

FRN 0003290673 Type General Partnership

(View Ownership Filing)

Name Cellco Partnership P:(770)797-1070

ATTN Regulatory

5055 North Point Pkwy, NP2NE

Engineering

Alpharetta, GA 30022

Race Gender

Ethnicity

**Licensee Contact Information** 

Name Verizon P:(202)515-2453

Sarah Trosch E:sarah.trosch@verizon.com

1300 I Street, NW - Suite 500

Washington, DC 20005

**Transferor Information** 

FRN 0003257094 Type Corporation

(View Ownership Filing)

P:(202)515-2453

P:(202)783-4141

F:(202)783-5851

E:jkostyu@wbklaw.com

E:sarah.trosch@verizon.com

E:sarah.trosch@verizon.com

Verizon Communications Inc. Name

ATTN Sarah Trosch

1300 I Street, NW - Suite 500

East

Washington, DC 20005

Gender Race

Ethnicity

**Transferor Contact Information** 

Name Wilkinson Barker Knauer, LLP

ATTN Jennifer L. Kostyu 1800 M. St., NW, Suite 800N Washington, DC 20036

**Transferee Information** 

FRN 0003257094 Type Corporation

(View Ownership)

Verizon Communications Inc. P:(202)515-2453 Name

ATTN Sarah Trosch

1300 I Street, NW - Suite 500

Fast

Washington, DC 20005

Real Party In FRN of Real 0003290673 Cellco Partnership

> Party in Interest

Race Gender

Ethnicity

Interest

**Transferee Contact Information** 

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

1800 M. St., NW, Suite 800N E:jkostyu@wbklaw.com Washington, DC 20036

**Transferee Qualifications and Ownership Information** 

**Alien Ownership** 

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

**Basic Qualifications** 

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

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# FEDERAL COMMUNICATIONS COMMISSION Wireless Telecommunications Bureau

# **Spectrum Leasing Arrangement**

04/02/2025

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

Reference Number:

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

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

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

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

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

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

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

#### **Condition:**

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

# **Conditions:**

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



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**ULS Application** 

# 0008616845 - Kentucky RSA No. 1 Partnership

Q New Search Q Refine Search



MAIN **ADMIN** LEASE INFO DATES

0008616845 File Number

LE - Extend Term of a Lease

Classification of

Spectrum Manager

Lease

**General Information** 

Application

Application

Purpose

LE - Extend Term of a Lease

Purpose

Receipt Date 04/25/2019

**Entered Date** 04/25/2019

Waiver No

Attachments No

Application Fee No

Exempt

Action Date 01/16/2020

Application Status Q - Accepted

Number of Rules

Waiver/Deferral No

Fee

**Licensee Information** 

FRN 0003290673

(View Ownership Filing)

Cellco Partnership Name

ATTN Regulatory

5055 North Point Pkwy, NP2NE

Network Engineering Alpharetta, GA 30022

Ethnicity

Race

Gender

Type

**Licensee Contact Information** 

Name Verizon

Sarah Trosch

1300 I St NW - Suite 500 East Washington, DC 20005

P:(202)515-2453

General Partnership

E:LicensingCompliance@verizonwireless.com

P:(770)797-1070

E:sarah.trosch@verizon.com

**Lessee Information** 

0003290673

FRN 0001836709 Type General Partnership

(View Ownership)

Kentucky RSA No. 1 Partnership P:(770)797-1070 Name

ATTN Cellco Partnership E:LicensingCompliance@verizonwireless.com 5055 North Point Pkwy, NP2NE

Network Engineering Alpharetta, GA 30022

Real Party In Cellco Partnership FRN of Real

Interest Party in Interest

Race Gender

Ethnicity

**Lessee Contact Information** 

Name Verizon P:(202)515-2453

Sarah Trosch E:sarah.trosch@verizon.com 1300 I Street, NW - Suite 500

Washington, DC 20005

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# **Federal Communications Commission**

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# RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 02-22-2022	Effective Date 02-22-2022	Expiration Date 11-29-2036	Print Date 02-23-2022
<b>Market Number</b> REA004		Channel Block F	
	<b>Marke</b> Mississip	t Name pi Valley	
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

# **Conditions:**

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

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA718 File Number: 0009793647 Print Date: 02-23-2022

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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**ULS Application** 

# 0011116303 - Trace-Tek

? HELP





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LEASE INFO LEASES DATES **ADMIN** 

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

Purpose

**General Information** 

Application LN - New Lease

Purpose

Receipt Date 06/13/2024

Entered Date 06/13/2024 Action Date 10/01/2024

Waiver Number of Rules No

Attachments Yes

Application Fee No Waiver/Deferral No

Exempt Fee

**Licensee Information** 

FRN 0003290673 Type General Partnership

(View Ownership Filing)

Name Cellco Partnership P:(770)797-1070 E:Licensing.Compliance@verizonwireless.com

ATTN Network Engineering 5055 North Point Pkwy, NP2NE

Engineering

Alpharetta, GA 30022

Race Gender

Ethnicity

**Licensee Contact Information** 

Name Verizon P:(202)515-2453

> Sarah Trosch E:sarah.trosch@verizon.com

1300 I St, NW- Suite 500 East Washington, DC 20005

**Lessee Information** 

FRN 0030856223 Type Limited Liability Company

(View Ownership)

Trace-Tek Name

> ATTN licenses@trace-tek.com 2625 Commons Boulevard Beavercreek, OH 45341

E:licenses@trace-tek.com

P:(972)672-0477

0030856223

Real Party In Interest

FRN of Real Party in

Interest

Race

Gender

Ethnicity

**Lessee Contact Information** 

Name Trace-Tek

Garrett Loo

Trace-Tek

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

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

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

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 01-03-2022	Effective Date 01-03-2022	Expiration Date 11-29-2036	Print Date 01-05-2022
<b>Market Number</b> BEA071		Channel Block Sub-Mar	
	<b>Market</b> Nashville		
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

# **Conditions:**

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

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Licensee Name: CELLCO PARTNERSHIP

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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**ULS** Application

#### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009775569 -? HELP **Cellco Partnership**

Q New Search Q Refine Search

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Reference Copy

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 RO - Renewal Only

Purpose

Existing Radio Service

Authorization Regular **Emergency STA** 

Type

Receipt Date 10/26/2021 Action Date 01/03/2022

**Entered Date** 10/26/2021 Requested

**Expiration Date** 

Waiver No Number of Rules

Attachments <u>Yes</u> Grandfathered No

Privileges

Exempt

Application Fee Regulatory Fee No No

Exempt

Major Request Use Question

**Market Data** 

Channel Block Market BEA071 - Nashville, TN-KY В

Submarket 0 Associated 001720.000000000-001730.00000000 Designator Frequencies (MHz) 002120.00000000-

002130.00000000

**Applicant Information** 

FRN 0003290673 General Partnership Type

(View Ownership Filing)

Cellco Partnership P:(770)797-1070 Name

5055 North Point Pkwy, NP2NE F:(770)797-1036 Network Engineering Alpharetta, GA 30022 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

Mobile

Type

Regulatory Status Common Carrier

Interconnected

Yes

#### **Alien Ownership**

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

#### **Basic Qualifications**

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

**Demographics** 

Race

Ethnicity

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**

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# RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

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

#### Waivers/Conditions:

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

# **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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**ULS** Application

#### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009775572 -? HELP **Cellco Partnership**

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MAIN **ADMIN** TRANS LOG

File Number 0009775572 Radio Service AW - AWS (1710-1755 MHz and

2110-2155 MHz)

Call Sign WQGA960 Application Status G - Granted

**General Information** 

Application RO - Renewal Only

Purpose

Existing Radio Service

Authorization Regular **Emergency STA** 

Type

Receipt Date 10/26/2021 Action Date 01/03/2022

**Entered Date** 10/26/2021 Requested

**Expiration Date** 

Waiver No Number of Rules

Attachments <u>Yes</u> Grandfathered No

Privileges

Application Fee Regulatory Fee No No

Exempt

Major Request Use Question

Exempt

**Market Data** 

BEA072 - Paducah, KY-IL Channel Block Market В

Submarket 0 Associated 001720.000000000-001730.00000000 Designator Frequencies (MHz) 002120.00000000-

002130.00000000

**Applicant Information** 

FRN 0003290673 General Partnership Type

(View Ownership Filing)

Cellco Partnership P:(770)797-1070 Name

> 5055 North Point Pkwy, NP2NE F:(770)797-1036

Network Engineering Alpharetta, GA 30022 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

Mobile

Type

Regulatory Status Common Carrier

Interconnected

Yes

**Alien Ownership** 

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

**Basic Qualifications** 

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

**Demographics** 

Race

Ethnicity 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

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

<b>Call Sign</b> WQGA961	<b>File Number</b> 0009775573		
Radio Service			
AW - AWS (1710-1755 MHz and			
2110-2155 MHz)			

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 01-04-2022	Effective Date 01-04-2022	Expiration Date 11-29-2036	<b>Print Date</b> 01-05-2022	
Market Number BEA073		Channel Block B Sub-Market Designator 5		
Market Name Memphis, TN-AR-MS-KY				
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date	

## Waivers/Conditions:

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

#### **Conditions:**

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

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

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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#### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009775573 -? HELP **Cellco Partnership**

Q New Search Q Refine Search

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MAIN **ADMIN** TRANS LOG

File Number 0009775573 Radio Service AW - AWS (1710-1755 MHz and

2110-2155 MHz)

Call Sign WQGA961 Application Status G - Granted

**General Information** 

Application RO - Renewal Only

Purpose

Existing Radio Service

Authorization Regular **Emergency STA** 

Type

Receipt Date 10/26/2021 Action Date 01/04/2022

**Entered Date** 10/26/2021 Requested **Expiration Date** 

Waiver No Number of Rules

Attachments <u>Yes</u> Grandfathered No

Privileges

Exempt

Application Fee Regulatory Fee No No

Exempt

Major Request Use Question

**Market Data** 

Market BEA073 - Memphis, TN-AR-MS-KY Channel Block В

Submarket 5 Associated 001720.000000000-001730.00000000 Designator Frequencies

(MHz) 002120.00000000-002130.00000000

**Applicant Information** 

FRN 0003290673 General Partnership Type

(View Ownership Filing)

Cellco Partnership P:(770)797-1070 Name

> 5055 North Point Pkwy, NP2NE F:(770)797-1036

Network Engineering Alpharetta, GA 30022 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

Mobile

Type

Regulatory Status Common Carrier

Interconnected Yes

#### **Alien Ownership**

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

## **Basic Qualifications**

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

**Demographics** 

Race

Ethnicity

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

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

<b>Call Sign</b> WQGD569	<b>File Number</b> 0009789261		
Radio Service			
AW - AWS (1710-1755 MHz and			
2110-2155 MHz)			

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 02-14-2022	Effective Date 02-14-2022	Expiration Date 12-18-2036		
Market Number CMA643		Channel Block A Sub-Market Des		
	Market Tennessee			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date	

## Waivers/Conditions:

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

# **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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#### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009789261 -? HELP **Cellco Partnership**

Q New Search Q Refine Search

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MAIN **ADMIN** TRANS LOG

File Number 0009789261 Radio Service AW - AWS (1710-1755 MHz and

2110-2155 MHz)

Call Sign WQGD569 Application Status G - Granted

**General Information** 

Application RO - Renewal Only

Purpose

Existing Radio Service

Authorization Regular **Emergency STA** 

Type

Receipt Date 11/08/2021 Action Date 02/14/2022

**Entered Date** 11/08/2021 Requested

**Expiration Date** 

Waiver No Number of Rules

Attachments <u>Yes</u> Grandfathered No

Privileges

Exempt

Application Fee Regulatory Fee No No

Exempt

Major Request Use Question

**Market Data** 

CMA643 - Tennessee 1 - Lake Channel Block Market Α

Submarket 0 Associated 001710.000000000-001720.00000000 Designator Frequencies (MHz) 002110.00000000-

002120.00000000

**Applicant Information** 

FRN 0003290673 General Partnership Type

(View Ownership Filing)

Cellco Partnership P:(770)797-1070 Name

> 5055 North Point Pkwy, NP2NE F:(770)797-1036

Network Engineering Alpharetta, GA 30022 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

Mobile

Type

Regulatory Status Common Carrier

Interconnected

Yes

**Alien Ownership** 

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

**Basic Qualifications** 

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

**Demographics** 

Race

Ethnicity

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**

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# RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 12-16-2021	Effective Date 12-16-2021	Expiration Date 12-18-2036	<b>Print Date</b> 07-09-2022	
Market Number BEA072		el Block S	ub-Market Designator	
Market Name Paducah, KY-IL				
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date	

#### Waivers/Conditions:

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

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

#### **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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## 0010093348 - Cellco Partnership

Q New Search Q Refine Search

Printable Page Reference Copy

TRANS LOG NOTIFICATION MAIN **ADMIN** 

File Number 0010093348 Application Status Q - Accepted

**General Information** 

Application

NT - Required Notification

Purpose

**Existing Radio** Service

Authorization

**Emergency STA** 

Type

Receipt Date 06/16/2022 Action Date 06/17/2022

**Entered Date** 06/16/2022

No

Requested **Expiration Date** 

Waiver No Number of Rules

Grandfathered Attachments

Privileges

Application Fee

Regulatory Fee

Exempt

Exempt

Major Request

**Applicant Information** 

FRN 0003290673 (View Ownership Filing) Type

General Partnership

Cellco Partnership Name

5055 North Point Pkwy, NP2NE

Engineering

Alpharetta, GA 30022

P:(770)797-1070

E:Licensing.Compliance@verizonwireless.com

Real Party in

**ATTN Regulatory** 

FRN of Real Interest 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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## **Federal Communications Commission**

**Wireless Telecommunications Bureau** 

#### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

<b>Call Sign</b> WQGA961	<b>File Number</b> 0009775573		
Radio Service			
AW - AWS (1710-1755 MHz and			
2110-2155 MHz)			

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 01-04-2022	<b>Effective Date</b> 01-04-2022	Expiration Date 11-29-2036	Print Date 01-05-2022
<b>Market Number</b> BEA073		nel Block B	ub-Market Designator 5
	<b>Marke</b> Memphis, TN	t Name I-AR-MS-KY	
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

#### **Conditions:**

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

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

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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#### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009775573 -? HELP **Cellco Partnership**

Q New Search Q Refine Search

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Reference Copy

MAIN **ADMIN** TRANS LOG

File Number 0009775573 Radio Service AW - AWS (1710-1755 MHz and

2110-2155 MHz)

Call Sign WQGA961 Application Status G - Granted

**General Information** 

Application RO - Renewal Only

Purpose

Existing Radio Service

Authorization Regular **Emergency STA** 

Type

Receipt Date 10/26/2021 Action Date 01/04/2022

**Entered Date** 10/26/2021 Requested

**Expiration Date** 

Waiver No Number of Rules

Attachments Yes Grandfathered No

Privileges

Exempt

Application Fee Regulatory Fee No No

Exempt

Major Request Use Question

**Market Data** 

Market BEA073 - Memphis, TN-AR-MS-KY Channel Block В

Submarket 5 Associated 001720.000000000-001730.00000000 Designator Frequencies

(MHz) 002120.00000000-002130.00000000

**Applicant Information** 

FRN 0003290673 General Partnership Type

(View Ownership Filing)

Cellco Partnership P:(770)797-1070 Name

> 5055 North Point Pkwy, NP2NE F:(770)797-1036

Network Engineering Alpharetta, GA 30022 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

Mobile

Type

Regulatory Status Common Carrier

Interconnected

Yes

#### **Alien Ownership**

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

#### **Basic Qualifications**

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

**Demographics** 

Race

Ethnicity

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

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

<b>Call Sign</b> WQGD569	<b>File Number</b> 0009789261		
Radio Service			
AW - AWS (1710-1755 MHz and			
2110-2155 MHz)			

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 02-14-2022	Expiration Bute	<b>Print Date</b> 02-15-2022	
Market Number CMA643		el Block	Sub-Market Designator 0
	Market Tennessee		
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

#### **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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#### AWS (1710-1755 MHz and 2110-2155 MHz) - 0009789261 -? HELP **Cellco Partnership**

Q New Search Q Refine Search

Printable Page

Reference Copy

MAIN **ADMIN** TRANS LOG

File Number 0009789261 Radio Service AW - AWS (1710-1755 MHz and

2110-2155 MHz)

Call Sign WQGD569 Application Status G - Granted

**General Information** 

Application RO - Renewal Only

Purpose

Existing Radio Service

Authorization Regular **Emergency STA** 

Type

Receipt Date 11/08/2021 Action Date 02/14/2022

**Entered Date** 11/08/2021 Requested **Expiration Date** 

Waiver No Number of Rules

Attachments Yes Grandfathered No

Privileges

Exempt

Application Fee Regulatory Fee No No

Exempt

Major Request Use Question

**Market Data** 

Market CMA643 - Tennessee 1 - Lake Channel Block Α

Submarket 0 Associated 001710.000000000-001720.00000000 Designator Frequencies (MHz)

002110.00000000-002120.00000000

**Applicant Information** 

FRN 0003290673 General Partnership Type

(View Ownership Filing)

Cellco Partnership P:(770)797-1070 Name

> 5055 North Point Pkwy, NP2NE F:(770)797-1036

Network Engineering Alpharetta, GA 30022 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

Mobile

Type

Regulatory Status Common Carrier

Interconnected Yes

#### **Alien Ownership**

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

#### **Basic Qualifications**

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

**Demographics** 

Race

Ethnicity 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.

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

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

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

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

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

#### **Discontinuance of Service Certification**

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

#### **Regulatory Compliance Certification**

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

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## **Federal Communications Commission**

**Wireless Telecommunications Bureau** 

#### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 12-16-2021	Effective Date 12-16-2021	Expiration Date 12-18-2036	<b>Print Date</b> 07-09-2022	
Market Number BEA072		el Block S	ub-Market Designator	
Market Name Paducah, KY-IL				
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date	

#### Waivers/Conditions:

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

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

#### **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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**ULS** Application

## 0010093348 - Cellco Partnership

Q New Search Q Refine Search

Printable Page Reference Copy

TRANS LOG NOTIFICATION MAIN **ADMIN** 

File Number 0010093348 Application Status Q - Accepted

**General Information** 

Application

NT - Required Notification

Purpose

**Existing Radio** Service

Authorization

Type

Receipt Date 06/16/2022 Action Date 06/17/2022

**Entered Date** 06/16/2022

Requested **Expiration Date** 

**Emergency STA** 

Waiver Number of Rules No Grandfathered Attachments Privileges

Application Fee No

Exempt

Regulatory Fee Exempt

Major Request

Real Party in

Interest

**Applicant Information** 

FRN 0003290673 Type

General Partnership

P:(770)797-1070

Cellco Partnership Name

5055 North Point Pkwy, NP2NE

Engineering

Alpharetta, GA 30022

(View Ownership Filing)

**ATTN Regulatory** 

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:Licensing.Compliance@verizonwireless.com

E:sarah.trosch@verizon.com

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## **Federal Communications Commission**

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#### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

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

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

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 01-10-2020	Effective Date 02-03-2025	Expiration Date 06-13-2029	<b>Print Date</b> 01-14-2020
Market Number REA004		el Block	Sub-Market Designator ()
	<b>Market</b> Mississip		
<b>1st Build-out Date</b> 06-13-2013	<b>2nd Build-out Date</b> 06-13-2019	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

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

#### **Conditions:**

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

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

Licensee Name: CELLCO PARTNERSHIP

700 MHz Relicensed Area Information:

Market Name Buildout Deadline Buildout Notification Status



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

? HELP

Q New Search Q Refine Search

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TRANS LOG LOCATIONS MAIN **ADMIN** 

File Number 0010612840 Radio Service WU - 700 MHz Upper Band (Block

C)

No

Call Sign WQJQ692 Application Status G - Granted

**General Information** 

Application AM - Amendment Original MD - Modification

Purpose Application

Purpose

Existing Radio See Full Filing History

Service

Authorization Regular **Emergency STA** 

Type

Receipt Date 01/29/2025 Action Date 02/03/2025

**Entered Date** 01/29/2025 Requested

**Expiration Date** 

Waiver Number of Rules No

Grandfathered **Attachments** Yes

Privileges

Application Fee Regulatory Fee No No

Exempt

Major Request

Exempt

**Market Data** 

Market REA004 - Mississippi Valley Channel Block С

0 000746.000000000-Submarket Associated Designator Frequencies 000757.00000000 000776.00000000-(MHz)

000787.00000000

**Applicant Information** 

FRN 0003290673 Type General Partnership

(View Ownership Filing)

Name Cellco Partnership P:(770)797-1070

5055 North Point Pkwy, NP2NE F:(770)797-1036

Network Engineering E:LicensingCompliance@VerizonWireless.com Alpharetta, GA 30022 ATTN Regulatory

Real Party in FRN of Real Interest Party in Interest

**Contact Information** 

Name Verizon Wireless P:(770)797-1070 Licensing Manager F:(770)797-1036

5055 North Point Pkwy, NP2NE E:LicensingCompliance@VerizonWireless.com

**Network Engineering** Alpharetta, GA 30022 ATTN Regulatory

Qualifications, Ownership

Radio Service Mobile

Type

Regulatory Status Common Carrier Interconnected Yes

**Alien Ownership** 

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

**Basic Qualifications** 

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

**Demographics** 

Race

Ethnicity Gender

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## **EXHIBIT B**

## **SITE DEVELOPMENT PLAN:**

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

#### PROJECT SUMMARY

SITE NAME: FLINT SITE NUMBER: KY-03075

18 STONECROP DRIVE SITE ADDRESS:

ALMO, KY 42020

COUNTY: CALLOWAY

JURISDICTION: CALLOWAY COUNTY

LAND USE:

PARCEL ID: 047-0-0100-H

SITE COORDINATES: <u>1A</u>

LATITUDE: 36° 41' 55.263" N (NAD83)

36.698684° LATITUDE:

LONGITUDE: 88° 18' 03.393" W (NAD83)

LONGITUDE: -88.3009424°

**ELEVATION** 522.52' AMSL (NAVD88)

FUZE PROJECT ID: 17359301 MGD LOCATION ID: 5000917960

PROPERTY OWNER: WELCH CONCRETE PRODUCTS

PROPERTY OWNER CONTACT:

TOWER OWNER: SKYWAY TOWERS

3637 MADACA LN TAMPA, FL 33618 CONTACT: CARRIE TORREY

PHONE: 813-960-6213

EMAIL: CTORREY@SKYWAYTOWERS.COM

STRUCTURE TYPE: SELF SUPPORTING

TOWER HEIGHT: 1.50'-0'

ENVIRONMENTAL REQ. : N/A

OCCUPANCY: UNMANNED

SITE TYPE: **RAWLAND** 

POWER COMPANY: MURRAY ELECTRIC

CONTACT PHONE: 270-753-5312

PHONE:

COMMUNICATIONS:

FIRE DEPARTMENT CITY OF MURRAY FIRE DEPARTMENT

PHONE: 270-762-0320

CITY OF MURRAY POLICE DEPARTMENT POLICE DEPARTMENT

TRD

PHONE: 270-753-1621

### DIRECTIONS FROM CALLOWAY COUNTY COURTHOUSE:

HEAD NORTH ON US-641 N BUS / KY-121 / S 4TH ST TOWARD KY-94 / MAIN ST. TURN RIGHT ONTO US-641 N / US HIGHWAY 641 N. TURN RIGHT ONTO KY-464 / ALMO RD, THEN IMMEDIATELY TURN LEFT ONTO STONECROP DR. ARRIVE AT SITE ON THE LEFT.

#### STRUCTURAL REVIEW

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





## **FLINT** 18 STONECROP DRIVE ALMO, KY 42020

exit 10-b, head right on the ramp for 1-65 south toward nashville. At exit 91C-a, head right on the ramp for us-31W toward elizabethtown /

PADUCAH. KEEP LEFT, HEADING TOWARD LEITCHFIELD / PADUCAH. ROAD NAME CHANGES TO WESTERN KENTUCKY PKWY. ROAD NAME CHANGES TO WESTERN KENTUCKY PKWY W. KEEP STRAIGHT TO GET ONTO 1-69 S. AT EXIT 68B, HEAD RIGHT ON THE RAMP FOR 1-69 SOUTH / 1-24 WEST TOWARD PADUCAH. AT EXIT 25A, HEAD

LEFT ON THE RAMP FOR 1-69 SOUTH TOWARD FULTON. AT EXIT 41, HEAD RIGHT ON THE RAMP FOR US-641 SPUR SOUTH TOWARD HARDIN / MURRAY. ROAD NAME

CHANGES TO US-641 S / US HIGHWAY 641 S. TURN LEFT ONTO KY-464 / ALMO RD. TURN LEFT ONTO STONECROP DR. ARRIVE AT SITE ON THE LEFT.

#### APPLICABLE CODES

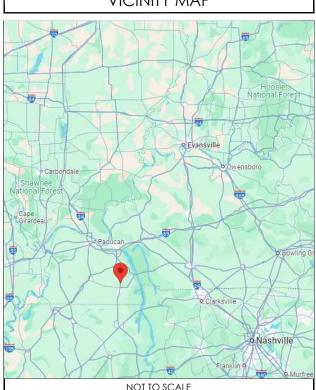
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO

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

2012 INTERNATIONAL FIRE CODE 2015 INTERNATIONAL MECHANICAL CODE 2015 INTERNATIONAL RESIDENTIAL CODE

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

#### VICINITY MAP



## INSTALL A NEW UTILITY H-FRAME WITHIN THE NEW FENCED

INSTALL A NEW 75' X 75' CHAINLINK FENCED COMPOUND WITH 5'-0" X 26'-6" EXTENSION FOR PROPANE TANK WITHIN A 100' X 100' LEASE

**SCOPE OF WORK** 

INSTALL A NEW 150'-0" SELF SUPPORT TOWER WITH 5'-0" LIGHTNING

- COMPOUND INSTALL A NEW TOWER, COMPOUND AND EQUIPMENT GROUNDING
- INSTALL NEW ANTENNAS, LINES, COAX, GPS AND RADIO EQUIPMENT
- INSTALL NEW UNDERGROUND POWER AND FIBER CONDUITS WITHIN THE DESIGNATED UTILITY EASEMENT TO NEW UTILITY H-FRAME
- INSTALL A NEW 7'-0" X 11'-0" CONCRETE EQUIPMENT PAD INSTALL A NEW 4'-0" X 9'-6" CONCRETE GENERATOR PAD

ROD (OVERALL 155'-0")

INSTALL A NEW 3'-6" X 12'-6" CONCRETE PROPANE PAD

ALL WORK MUST BE DONE IN ACCORDANCE TO THE DRAWINGS.

## LOCATION MAP



DIRECTIONS FROM LOUISVILLE SWITCH 2441 HOLLOWAY RD, LOUISVILLE, KY 40299: HEAD SOUTH ON HOLLOWAY RD TOWARD PLANTSIDE DR. TURN LEFT ONTO SCHUTTE STATION PL. ROAD NAME CHANGES TO PLANTSIDE DR. TURN LEFT ONTO BLANKENBAKER PKWY. TAKE THE RAMP ON THE RIGHT FOR 1-64 EAST AND HEAD TOWARD **CALL 811** LEXINGTON. AT EXIT 19A, HEAD RIGHT ON THE RAMP FOR 1-265 / KY-841 SOUTH TOWARD GENE SNYDER FREEWAY. ROAD NAME CHANGES TO 1-265 W / KY-841 W. AT

1 (800) 752-6007 www.kentucky811.com CONTRACTOR TO CALL KENTUCKY ONE-CALL SYSTEMS AT LEAST (2) FULL WORKING DAYS PRIOR TO DIGGING.

## SHEET SCALE FACTOR: 11" x 17": TO SCALE

SHEET INDEX

**AERIAL MAP** 

NOT TO SCALE

NO. DESCRIPTION

TITLE SHEET

SURVEY - SITE SURVEY

SURVEY - SITE SURVEY

OVERALL SITE LAYOUT PROPERTY INFO

**OVERALL SITE LAYOUT** 

DIMENSION SITE PLAN

TOWER ELEVATION SITE DETAILS

SITE DETAILS

SITE DETAILS

EROSION CONTROL SITE PLAN

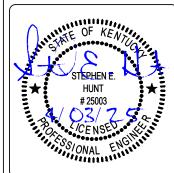
# SUITE 130

HIXSON, TN 37343 PH: 423-843-9500 FAX: 423-843-9509

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CHECKED BY	SEH

REVISIONS			
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1	03/19/25	WAM	ZONING ISSUE
0	03/12/25	DWS	ZONING ISSUE
В	03/07/25	JAE	ZONING REVIEW
Α	02/18/25	JAE	ZONING REVIEW
#	DATE	BY	DESCRIPTION





TAMPA, FL 33618 SKYWAY TOWERS, LLC SITE #:

3637 MADACA LN,

SKYWAY TOWERS, LLC SITE NAME:

FUZE ID

17359301

ALMO, KY 42020

SITE ADDRESS : 18 STONECROP DRIVE

RAWIAND

SHEET TITLE : TITLE SHEET

DRAWING # **REVISION:** 

T1



## AMC TITLE INSURANCE COMPANY COMMITMENT NO. 50034354 - SCHEDULE A:

ALL THAT PARCEL OF LAND, IN THE COUNTY OF CALLOWAY AND COMMONWEALTH OF KENTUCKY AS MORE FULLY DESCRIBED IN DEED BOOK 1141 PAGE 691 AND BOOK 246 PAGE 317 AND PARCEL # 0247-0-0100-H, BEING KNOWN AND DESIGNATED AS:

\* PARCEL "F" OF CURRENT DEED COPY ATTACHED FOR LEGAL DESCRIPTION \*

FOR INFORMATIONAL PURPOSES ONLY: MORE COMMONLY KNOWN AS: 102 STONECROP DRIVE ALMO. KY 42020

Parcel ID(s): 0247-0-0100-H

BEING THE SAME PROPERTY ACQUIRED BY WELCH CONCRETE PRODUCTS, LLC, A KENTUCKY LIMITED LIABILITY COMPANY BY DEED OF ROBERT P. WELCH AND BEVERLY J. WELCH, HUSBAND AND WIFE, DATED 07/06/2017 AND RECORDED 07/07/2017 IN BOOK 1141 PAGE 691

BEING THE SAME PROPERTY ACQUIRED BY TOMMY MILLER AND WIFE, ROSEMARY MILLER BY DEED OF EVELYN SMITH, ONE-FIFTH INTEREST, ROGER RIDGEWAY, ONE-FIFTH INTEREST, LUCILLE ROSS, ONE-FIFTH INTEREST, MAURELLE NANCE, ONE-FIFTH INTEREST, AND JOHN CLENDENON, ONE-FIFTH INTEREST, DATED 01/07/1997 AND RECORDED 01/08/1997 IN BOOK 246 PAGE 317

# AMC TITLE INSURANCE COMPANY COMMITMENT NO. 50034354 - SCHEDULE B, SECTION II:

Numbers correspond with survey—related Schedule B exception items contained in the above referenced Title Commitment.

15 SUBJECT TO ANY MATTERS AS MAY BE SHOWN ON MINOR SUBDIVISION PLAT FOR PROPERTY OF EVELYN SMITH, ROGER RIDGEWAY, LUCILLE ROSS, MAURELLE NANCE AND JOHN CLENDENON RECORDED 1/8/1997IN BOOK 22, PAGE 8, SLIDE 2021, CALLOWAY COUNTY RECORDS.

(AFFECTS THE SUBJECT PROPERTY - BLANKET IN NATURE)

#### **MISCELLANEOUS NOTES:**

- 1. This is a specific purpose survey for the stated purpose of surveying a proposed telecommunication tower compound as requested by the client.
- 2. This is not a Boundary survey.
- 3. The locations of all utilities shown on the survey are from visible surface evidence only.
- 4. No Wetlands Areas have been investigated by the Survey.
- 5. All coordinates shown hereon are referenced to the Kentucky State Plane Coordinate System, in the North American Datum of 1983 (2011 Adjustment).
- 6. The Property surveyed and shown hereon is the same property described in Schedule A of AMC Title Company Title Commitment No. 50034354 with an effective date of August 22, 2024.
- 7. All of the boundary survey was preformed using GPS equipment.
- 8. The type of GPS used was a Stonex S900A triple frequency GPS.
- 9. The GPS survey was preformed using static observation.
- 10. That relative positional accuracy for this GPS survey is 0.20 feet+/- at the 95% confidence interval (two sigma).
- 11. Horizontal Datum Used: NAD83, Vertical Datum Used: NAVD88, and Geoid Model: GEOID18.

#### BASIS OF BEARING:

The basis for all bearings shown hereon is the western boundary line of subject property, assumed as being N  $03^{\circ}52'16''$  E, and is used to denote angles only.

#### FLOOD ZONE:

By scaled map location and graphic plotting only, the subject property appears to lie entirely in Zone X—Unshaded (Areas determined to be outside the 0.2% annual chance floodplain) according to the Federal Emergency Management Association Flood Insurance Rate Map for the County of Calloway, Community Panel No. 21035C0125C, Effective Date September 29, 2010.

#### PROPOSED 100'x100' LEASED PREMISES:

COMMENCING at a 1/2" iron pin found at the southwest corner of the parent parcel; thence S 87\*22'17" E a distance of 62.50 feet; thence turning and running N 03\*54'44"E a distance of 111.34 feet to a point; thence turning and running N 86\*05'16"W a distance of 34.10 feet; N 03\*54'44"E a distance of 30.00 feet to the point of BEGINNING; thence continuing N 03\*54'44"E a distance of 100.00 feet; thence turning and running S 86\*05'16"E a distance of 100.00 feet; thence turning and running N 86\*05'16"W a distance of 100.00 feet to the point of BEGINNING.

CONTAINING 10,000 or 0.230 acres.

## PROPOSED 30' ACCESS AND UTILITY EASEMENT:

COMMENCING at a 1/2" iron pin found at the southwest corner of the parent parcel; thence S 87'22'17" E a distance of 62.50 feet to the point of BEGINNING; thence turning and running N 03'54'44"E a distance of 111.34 feet to a point; thence turning and running N 86'05'16"W a distance of 34.10 feet; N 03'54'44"E a distance of 30.00 feet; thence turning and running S 86'05'16"E a distance of 100.00 feet; thence turning and running S 03'54'44"W a distance of 30.00 feet; thence turning and running N 86'05'16"W a distance of 35.90 feet; thence turning and running N 87'22'17"W a distance of 30.01 feet to the point of BEGINNING.

CONTAINING 6,330 square feet or 0.145 acres.

#### **CERTIFICATION:**

I, Timothy L. Fish, a Professional Land Surveyor No. 4178, hereby certify to TeleCAD Wireless Site Design Inc. and AMC Title Company the following:

That this rural survey was performed in accordance with the Standards of Practice for the Commonwealth of Kentucky; That the directions and distances shown on this plat are based on an unadjusted traverse; That relative positional accuracy for this GPS survey is 0.20 feet+/— at the 95% confidence interval (two sigma); That this plat represents a partial boundary survey and complies with 201 KAR 18:150.

Date of Plat or Map: October 17, 2024.

Timothy L Fist, PLS Kentucky Professional Surveyor No. 4178



#### **RAW LAND SURVEY**

Site Address: 102 Stone Crop Drive Almo, KY 42020 Site ID# KY-03075 Flint



Millman Surveying, Inc. d.b.a. CBRE Land Surveying 950 Main Avenue, Cleveland, OH 44113 Phone: 800-520-1010 www.millmanland.com

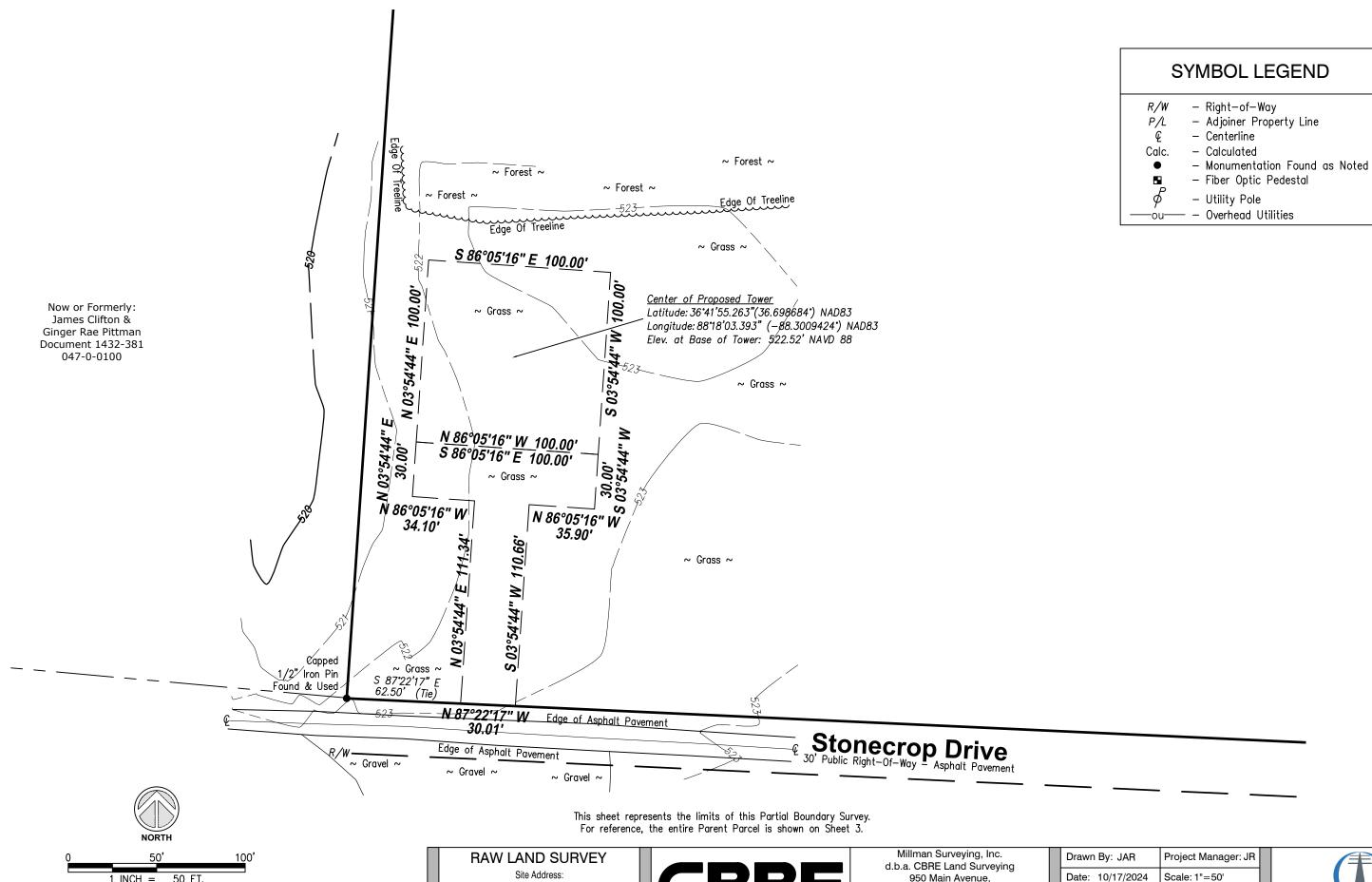
Drawn By: JAR	Project Manager: JR
Date: 10/17/2024	
Checked: TLF	Sheet: 1 of 3

MSI Project No. 59693



SITE

**VICINITY MAP** 



102 Stone Crop Drive Almo, KY 42020 Site ID# KY-03075 Flint

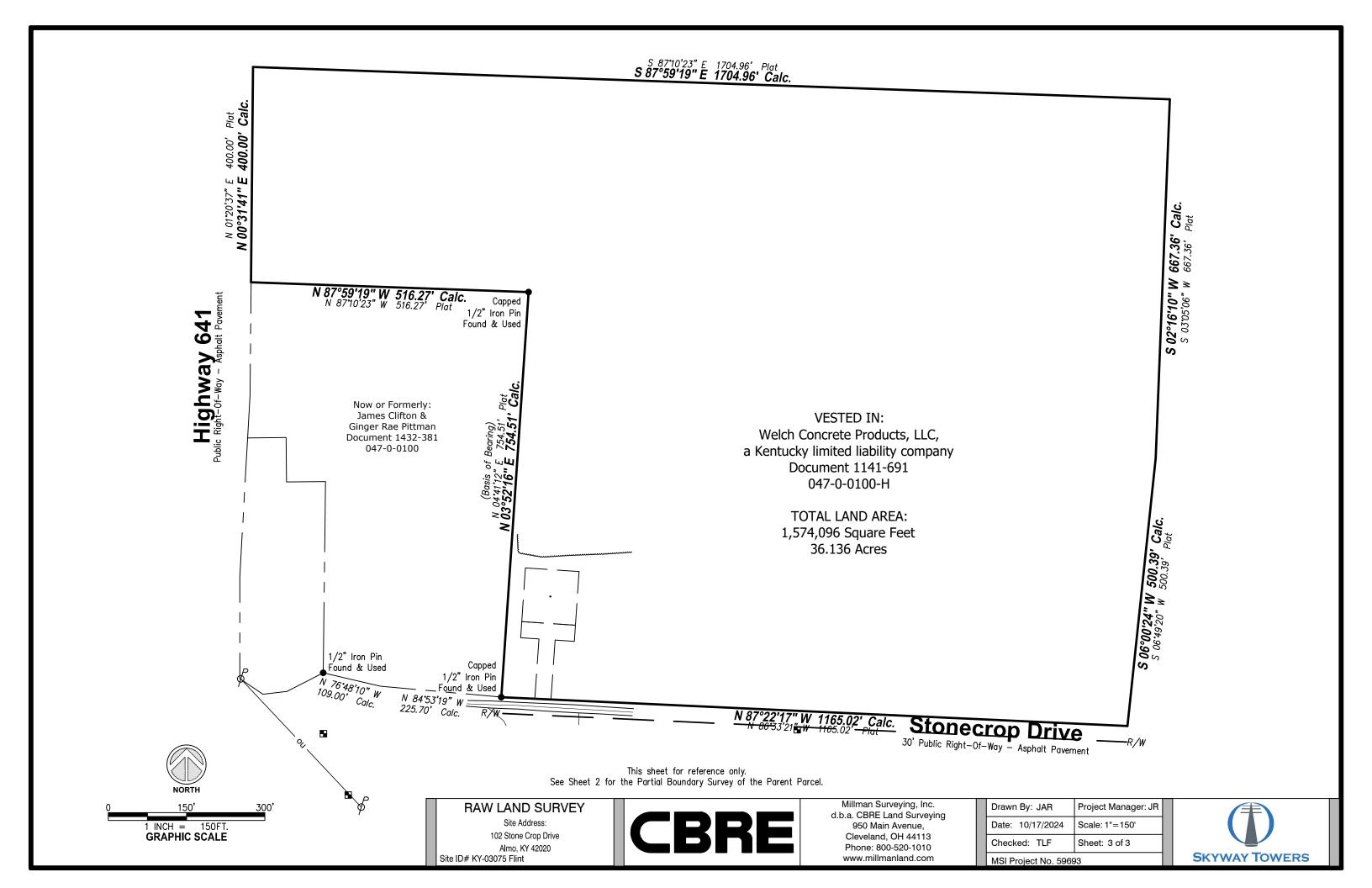
**GRAPHIC SCALE** 



950 Main Avenue, Cleveland, OH 44113 Phone: 800-520-1010 www.millmanland.com

Drawn By: JAR	Project Manager: JR	
Date: 10/17/2024	Scale: 1"=50'	
Checked: TLF	Sheet: 2 of 3	
MSI Project No. 59693		







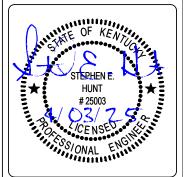


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	Α	02/18/25	JAE	ZONING REVIEW
(	#	DATE	BY	DESCRIPTION





SKYWAY TOWERS 3637 MADACA LN,

TAMPA, FL 33618

SKYWAY TOWERS, LLC SITE #:

KY-03075

SKYWAY TOWERS, LLC SITE NAME : FLINT

FUZE ID :

SITE ADDRESS :

18 STONECROP DRIVE ALMO, KY 42020

17359301

SITE TYPE:

RAWLAND

SHEET TITLE :
OVERALL SITE LAYOUT

DRAWING #: REVISION:

**Z**1

- WELCH CONCRETE PRODUCTS, LLC 6580 US HWY 641 NORTH ALMO, KY 42020 PARCEL NUMBER: 047-0-0100-H
- JAMES CLIFTON & GINGER
  RAE PITTMAN
  3829 NEW PROVIDENCE RD.
  HAZEL, KY 42049
  PARCEL NUMBER: 0470-0100
- RMC PROPERTY LLC
  326 WELLS PURDOM DR.
  ALMO, KY 42020
  PARCEL NUMBER: 047-0-0100-F
- WELCH CONCRETE PRODUCTS
  6580 US HWY 641 NORTH
  ALMO, KY 42020
  PARCEL NUMBER: 047-0-0100-E
- FRY KEITH & NORMA JEAN
  324 STONECROP DRIVE
  ALMO, KY 42020
  PARCEL NUMBER: 047-0-0099 &
  047-0-0099-TR
- JACKSON JOEL 355 STONECROP DRIVE ALMO, KY 42020 PARCEL NUMBER: 048-0-0008
- BIRDSONG COREY LEE 67 STONECROP DRIVE ALMO, KY 42020 PARCEL NUMBER: 048-0-0007-A
- COREY LEE BIRDSONG 67 STONECROP DRIVE ALMO, KY42020 PARCEL NUMBER: 048-0-0007
- WILSON PROPERTIES
  2111 US HWY 641 NORTH
  MURRAY, KY 42071
  PARCEL NUMBER: 048-0-0005-F

- TIMOTHY D WILSON & GREG WILSON 2111 US HWY 641 NORTH MURRAY, KY 42071 PARCEL NUMBER: 048-0-0005-P
- ARUTHUR JAMES TIBALDI 157 ALMO ROAD ALMO, KY 42020 PARCEL NUMBER: 048-0-0005-U
- AHART PATRICIA GAYLE
  144 ALMO ROAD
  ALMO, KY 42020
  PARCEL NUMBER: 048-0-0006
- PATRICIA GAYLE AHART
  144 ALMO ROAD
  ALMO, KY 42020
  PARCEL NUMBER: 048-0-0005-G
- MCCOMBS RENTALS LLC 255 4TH/ STREET HARDIN, KY 42048 PARCEL NUMBER: 048-0-0009-A
- WELCH BRET ALLAN & JOANN 506 WEST FORK RD MURRAY, KY 42071 PARCEL NUMBER: 038-0-0054
- FREDERICK JOHN M & FREDERICK LINDA M 80 WEST FORK RD ALMO, KY 42020 PARCEL NUMBER: 047-0-0100-B
- GARLAND SHEILA & LAMB KAREN 1311 N 4TH ST MURRAY, KY 42071 PARCEL NUMBER: 047-0-0100-G
- AHART PATRICIA GAYLE
  144 ALMO RD
  ALMO, KY 42020
  PARCEL NUMBER: 048-0-0005-G-TR



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0	03/12/25	DWS	ZONING ISSUE
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Α	02/18/25	JAE	ZONING REVIEW
#	DATE	BY	DESCRIPTION





SKYWAY TOWERS 3637 MADACA LN, TAMPA, FL 33618

SKYWAY TOWERS, LLC SITE #: KY-03075

SKYWAY TOWERS, LLC SITE NAME : FLINT

FUZE ID :

17359301

SITE ADDRESS :

18 STONECROP DRIVE ALMO, KY 42020

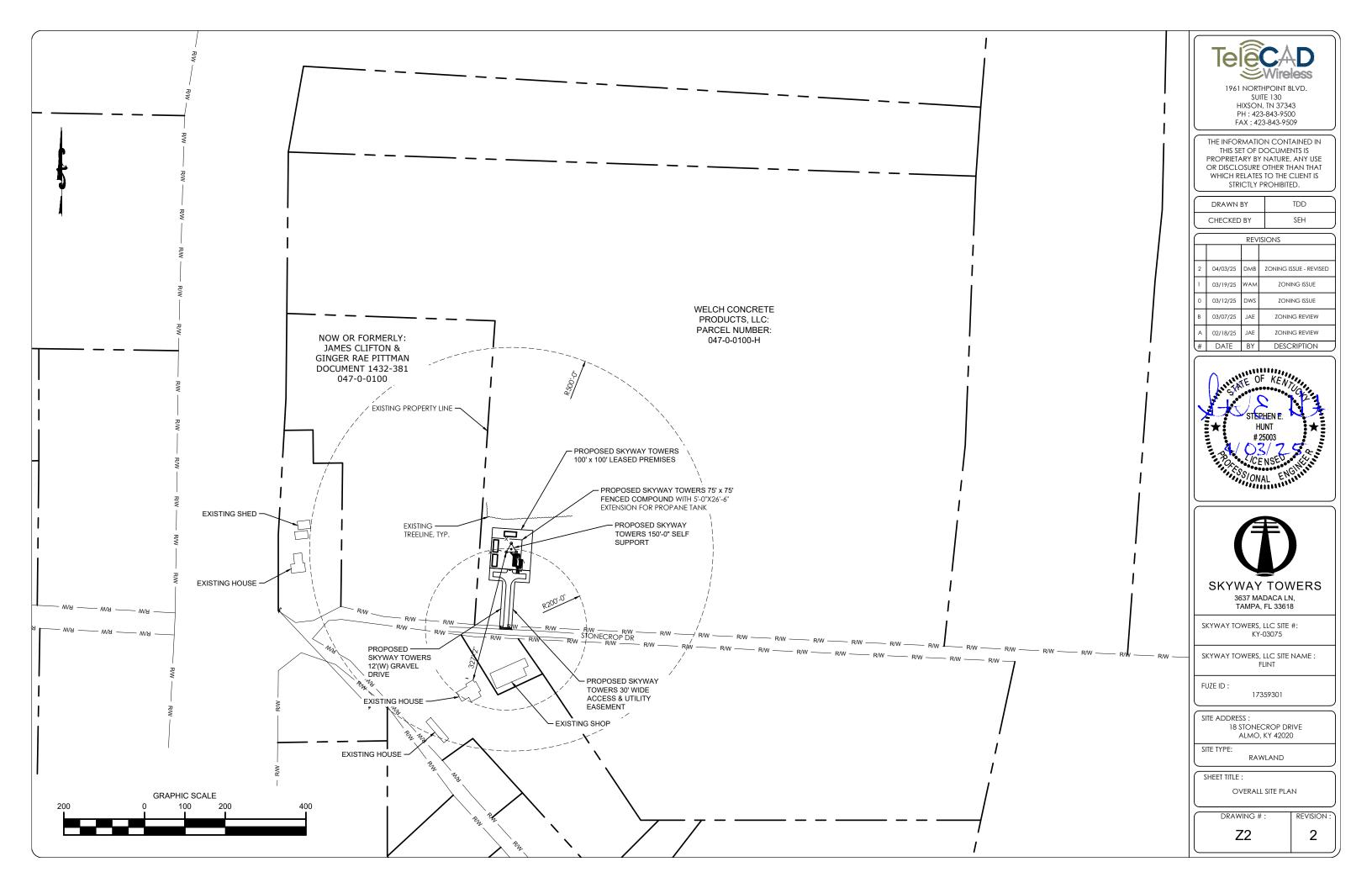
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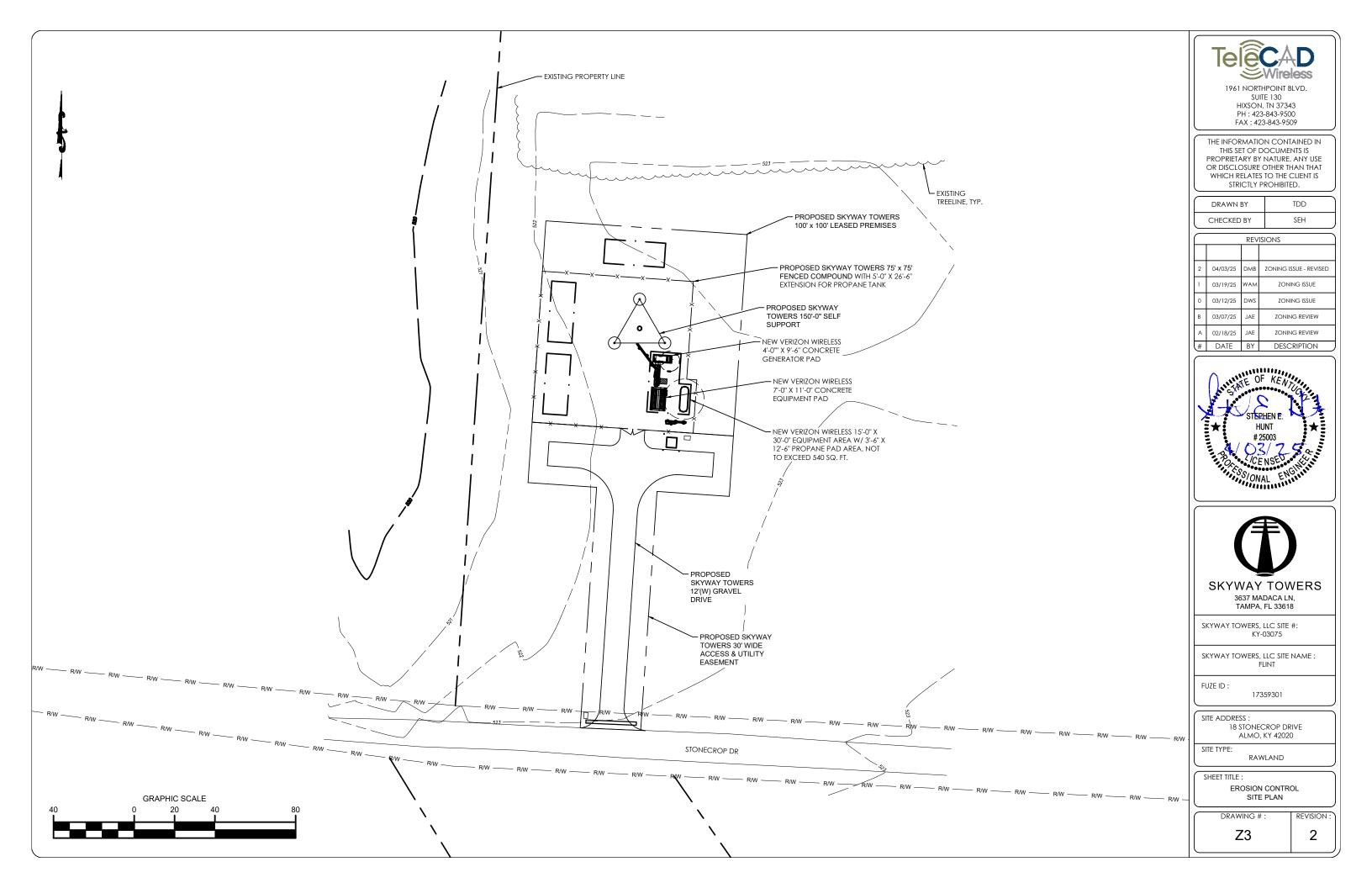
RAWLAND

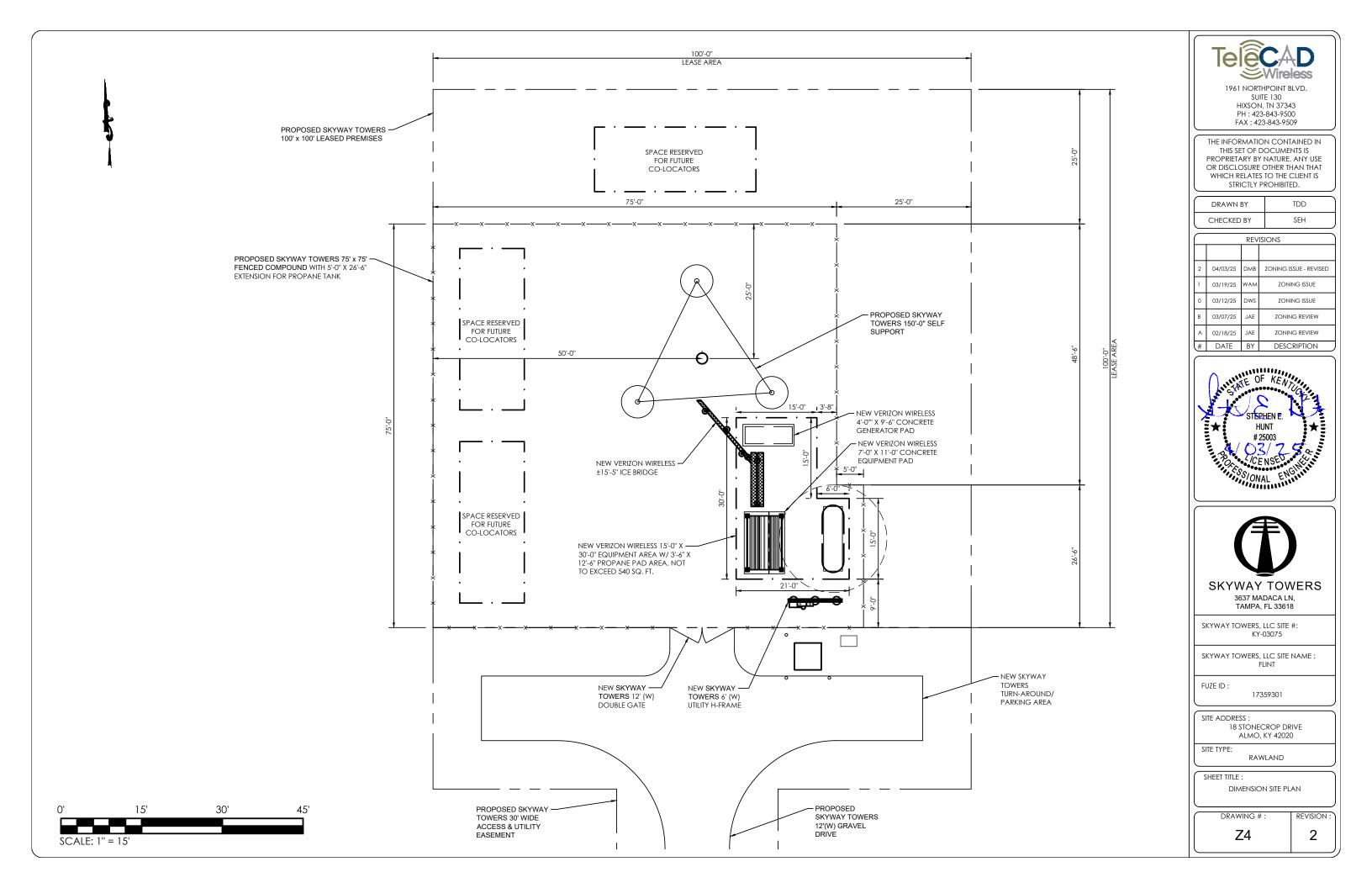
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PROPERTY INFO

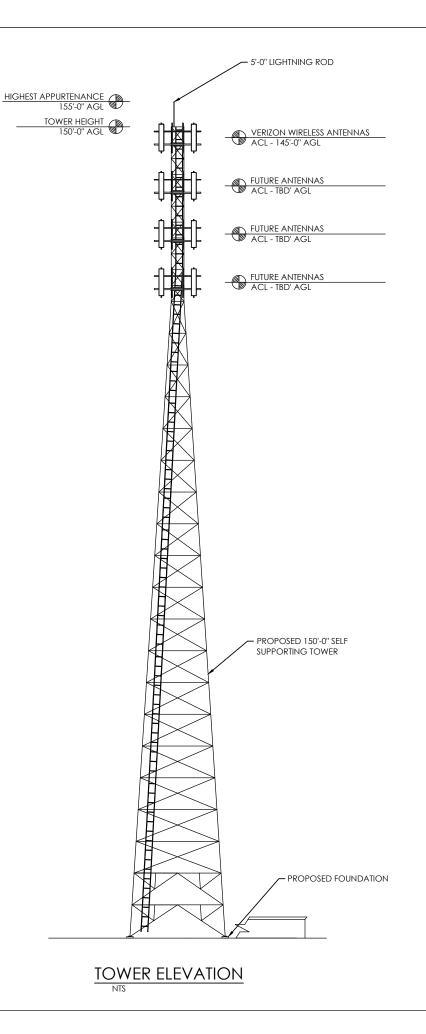
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Z1A











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SKYWAY TOWERS 3637 MADACA LN,

TAMPA, FL 33618

SKYWAY TOWERS, LLC SITE #: KY-03075

SKYWAY TOWERS, LLC SITE NAME : FLINT

FUZE ID :

17359301

SITE ADDRESS :

SHEET TITLE :

18 STONECROP DRIVE ALMO, KY 42020

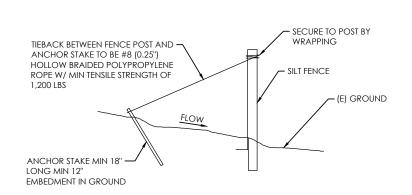
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RAWLAND

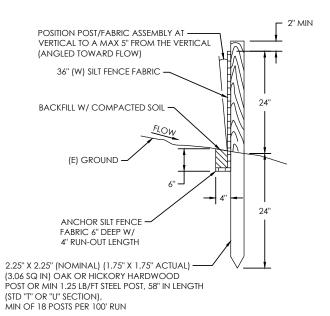
TOWER ELEVATION

DRAWING # : REVISION :

**Z**5

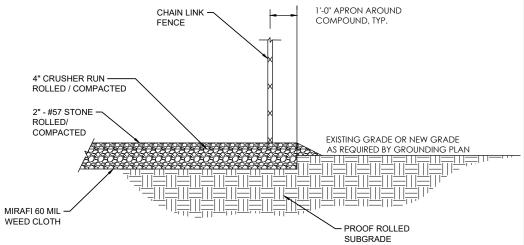


## SILT FENCE TIEBACK FOR STEEL OR WOOD POSTS



SECTIONAL VIEW

 $\frac{\text{SILT FENCE DETAIL}}{\text{\tiny NTS}} \; \bigcirc$ 



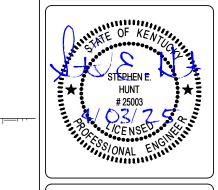


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SITE ADDRESS :

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SITE TYPE

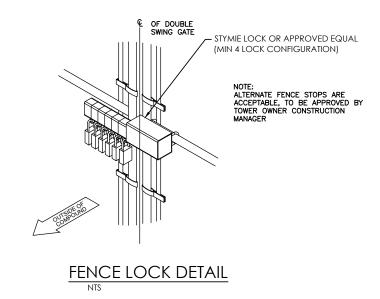
RAWLAND:
SITE DETAILS

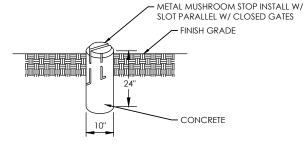
DRAWING #: REVISION:

**Z**6

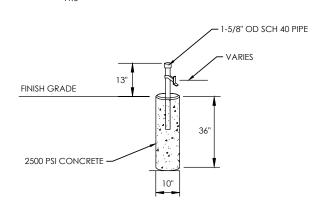
## TYPICAL WOVEN WIRE FENCING NOTES:

- 1. GATE POST, CORNER, TERMINAL OR PULL POST SHALL BE 3"Ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 7 FEET OR 14 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
- LINE POST: 2"Ø SCHEDULE 40 PIPE PER ASTM-F1083. INSTALL EVERY 8'-0" ALONG FENCE
- 3. GATE FRAME: 1-1/2"Ø SCHEDULE 40 PIPE, STELL, HOT-DIPPED ZINC COATED (GALVANIZED) WELDED STEEL PIPE PER ASTM-F1083.
- TOP RAIL & BRACE RAIL: 1-5/8"Ø SCHEDULE 40 PIPE PER ASTM-F1083.
- CHAIN LINK FABRIC: 9 GA. MIN. CORE WIRE SIZE 2" MESH, CONFORMING TO
- TIE WIRE: MINIMUM 11 GA. GALVANIZED STEEL INSTALL A SINGLE WRAP TIE WIRE AT POSTS AND RAILS AT MAX. 24" INTERVALS. INSTALL HOG RINGS ON TENSION WIRE AT 24" INTERVALS.
- TENSION WIRE: 7 GA. GALVANIZED STEEL
- GATE LATCH: 1-3/8" OD PLUNGER ROD W/ MUSHROOM TYPE CATCH AND LOCK (KEYED ALIKE FOR ALL SITES OR COMBINATION AS SPECIFIED BY OWNER)
- HEIGHT= 8' VERTICAL, WORK WITH SPECIFICATION 2831.

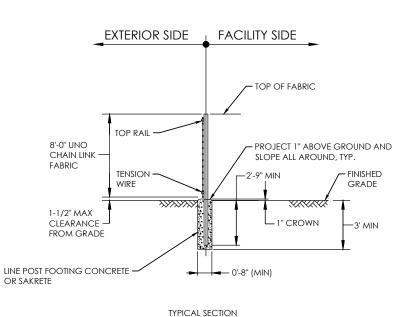




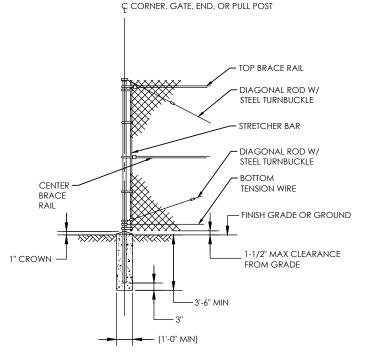
## MUSHROOM STOP



**GATE STOP DETAIL** 

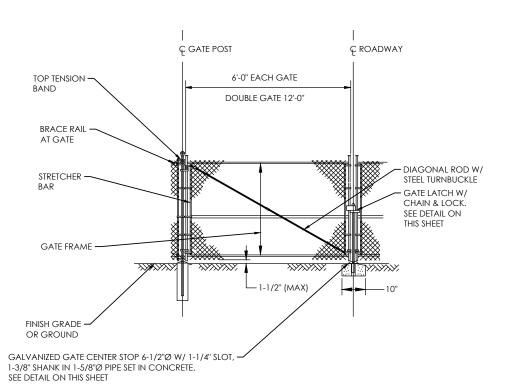


WOVEN WIRE FENCE



WOVEN WIRE CORNER, GATE, END OR PULL POST





WOVEN WIRE DOUBLE GATE

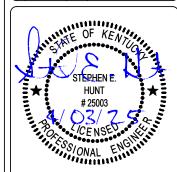


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SKYWAY TOWERS, LLC SITE #: KY-03075

SKYWAY TOWERS, LLC SITE NAME: FLINT

FUZE ID:

17359301

SITE ADDRESS:

18 STONECROP DRIVE ALMO, KY 42020

SITE TYPE:

SHEET TITLE :

RAWLAND

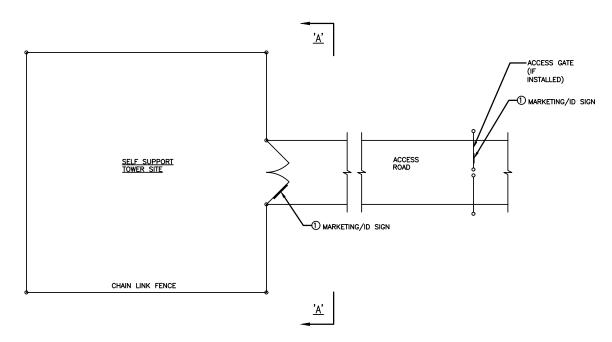
SITE DETAILS

DRAWING # : REVISION:

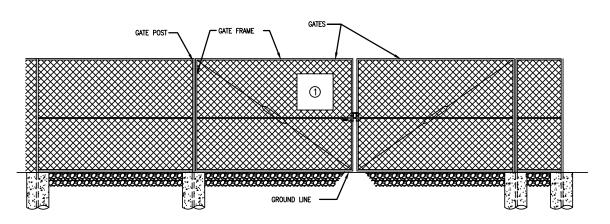
**Z**7

#### NOTES

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



TYPICAL SITE FENCE SIGNAGE PLAN



ELEVATION "A-A"

SCALE: N. T. S.







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

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DRAWN BY	TDD
CHECKED BY	SEH

_			
$\Box$		REV	ISIONS
2	04/03/25	DMB	ZONING ISSUE - REVISED
1	03/19/25	WAM	ZONING ISSUE
0	03/12/25	DWS	zoning issue
В	03/07/25	JAE	ZONING REVIEW
Α	02/18/25	JAE	ZONING REVIEW
#	DATE	BY	DESCRIPTION





SKYWAY TOWERS 3637 MADACA LN,

TAMPA, FL 33618

SKYWAY TOWERS, LLC SITE #:

SKYWAY TOWERS, LLC SITE NAME : FLINT

FUZE ID :

17359301

SITE ADDRESS :

18 STONECROP DRIVE ALMO, KY 42020

SITE TYPE

SHEET TITLE :
SITE DETAILS

RAWLAND

DRAWING #: REVISION:

Z8

2

#### **EXHIBIT C**

CONSTRUCTION MANAGER LETTER LIST OF QUALIFIED PROFESSIONALS TOWER AND FOUNDATION DESIGN



April 14, 2025

RE: KY-03075 Flint

Dear Commissioners,

My name is **Hank Haynes**, and I am the Construction Manager for the proposed tower referenced within this application. I have been involved in the construction of wireless communications facilities for 25 years including the last 10 years as a **Construction Manager** with **Skyway Towers**, LLC. Prior to that, I held various positions at **KCI in Tampa**, FL.

I can be reached at 813-960-6200 to discuss this site further.

Sincerely,

Hank Haynes

Hank Haynes Construction Manager 727-919-1341 Mobile hhaynes@skywaytowers.com

#### Flint - List of Qualified Professionals

Stephen E. Hunt Professional Engineer Kentucky License 25003 TeleCAD Wireless Site Design, Inc 1961 Northpoint Blvd, Suite 130 Hixson, TN 37343

Timothy L Fish
Professional Land Surveyor
Kentucky License 4178
Millman Surveying, Inc.
d.b.a CBRE Land Surveying
Corporate Headquarters
950 Main Avenue,
Cleveland, OH 44113

Matthew J. Granberry
Professional Engineer
Kentucky License 31449
Civil and Structural Engineers, Incorporated
P.O. Box 4825
Lafayette, LA 70502

Andrew T. Haldane Professional Engineer Kentucky License 26159 TEP 326 Tryon Road Raleigh, NC 27603

Antonino Ramos RF Engineer Verizon Wireless 2421 Holloway Road Louisville, Kentucky 40299

# DALEY JOB NO. 58957 150' SELF-SUPPORTING TOWER SKYWAY TOWERS KY-03075 FLINT SITE CALLOWAY COUNTY, KENTUCKY

LATITUDE: 36.698684 N LONGITUDE: 88.300942 W

# TOWER AND FOUNDATION DESIGN REVISION 0

**CASE JOB NO. 25175** 

#### PREPARED FOR:

Daley Tower Service, Inc. 601 Hector Connoly Road Carencro, Louisiana 70520

#### PREPARED BY:

Civil And Structural Engineers, Incorporated

P.O. Box 4825 Lafayette, LA 70502 www.casengr.com

4-7-25

Commence and the second

## TOWER CALCULATIONS

ion	Т8	77	T6	T5	T4	T3	T2	
	SR 3 3/4	SR	SR 3 1/2	SR 3 1/4	SR 2 3/4	SR 2 1/2	SR 2 1/4	4
Grade				A529-50		-		
onals	L3x3x3/16	L2 1/2x.	L2 1/2x2 1/2x3/16			L2x2x3/16		
onal Grade				A529-50				
Girts				N.A.				
zontals	L2 1/2x2 1/2x3/16				N.A.			
Bracing	L2x2x3/16				N.A.			
Width (ft) 16.5	14.5	12.5	10.5	8.5	5 6.5			
nels @ (ft)		16	16@5			15@4		
tht (lb) 16780.1	3478.6	3028.2	2891.5	2323.7	1835.5	1500.9	1251.2	
0.0 IL	<u>0.0 ft</u>	20.0 ft	<u>40.0 ft</u>	<u>60.0 ft</u>	80.0 ft	100.0 ft	<u>120.0 ft</u>	
V								
4				4				

#### **DESIGNED APPURTENANCE LOADING**

TYPE	ELEVATION	TYPE	ELEVATION
Lightning Rod	150	30,000 sqin EPA(A) Carrier (4,000 lbs)	115
L-864 Beacon	150	8' HP Dish (60 sq ft, 1000 lbs)	100
42,000 sqin EPA(A) Carrier (5,000 lbs)	145	8' HP Dish (60 sq ft, 1000 lbs)	80
30,000 sgin EPA(A) Carrier (4,000 lbs)	130		

#### SYMBOL LIST

MARK	SIZE	MARK	SIZE
Α	L1 3/4x1 3/4x3/16		

#### **MATERIAL STRENGTH**

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

#### **TOWER DESIGN NOTES**

- Tower is located in Calloway County, Kentucky.
   Tower designed for Exposure C to the TIA-222-H Standard.
   Tower designed for a 106 mph basic wind in accordance with the TIA-222-H Standard.
   Tower is also designed for a 30 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
- 5. Deflections are based upon a 60 mph wind.
- 6. Tower Risk Category II.
- 7. Topographic Category 1 with Crest Height of 0.00 ft
- 8. Connections use galvanized A325 bolts, nuts and locking devices. Installation per TIA/EIA-222 and AISC Specifications.
- 9. Tower members are "hot dipped" galvanized in accordance with ASTM A123 and ASTM A153 Standards.
- 10. Tower obstruction lighting is based on FAA Style E. CASE is not repsonsible for the determination of the FAA lighting requirements. If a different style is required, CASE should be notified and the tower design should be updated.
  11. TOWER RATING: 97.7%

ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:

DOWN: 311697 lb SHEAR: 26646 lb

UPLIFT: -279526 lb SHEAR: 24359 lb

AXIAL 104207 lb SHEAR MOMENT 6405 lb 684591 lb-ft

TORQUE 1190 lb-ft 30 mph WIND - 1.5000 in ICE

AXIAL 46358 lb SHEAR MOMENT 42300 lb 4247261 lb-ft

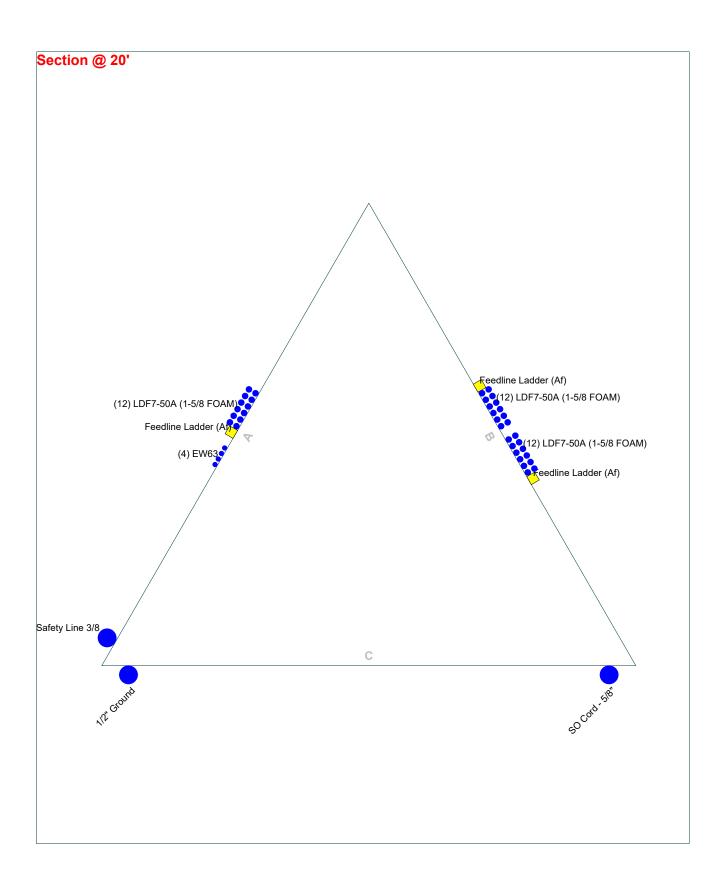
TORQUE 10542 lb-ft REACTIONS - 106 mph WIND



This design may not be used without the written consent of CASE, Inc.

C.A.S.E., Inc.	Job: <b>5</b>	8957 Final Des	ign Rev 0	
P.O. Box 4825	Project	<sup>1</sup> 150' SST KY0307	5 Flint Site, KY	
Lafayette, Louisiana 70502	Client:	Skyway Towers	Drawn by: MJG	App'd:
Phone: 337-232-3336	Code:	TIA-222-H	Date: 04/07/25	Scale: NTS
FAX: mgranberry@casengr.com	Path:	Jobs (2009) 25 175 158657, 150° 551' Skrouge - NY 2007'S Flor She, NY 15 Frank Calc.	alations/Towns/SBSST, 150' SST Streets-KY0001'S Flot Site, KY Rev	Dwg No. E-1

Round \_\_\_\_\_ Flat \_\_\_\_ App In Face \_\_\_\_ App Out Face



	<sup>Job:</sup> 58957 Final Des		
P.O. Box 4825	Project: 150' SST KY0307	5 Flint Site, KY	
Lafayette, Louisiana 70502	<sup>Client:</sup> Skyway Towers	Drawn by: MJG	App'd:
Phone: 337-232-3336	Code: TIA-222-H	Date: 04/07/25	Scale: NTS
FAX: mgranberry@casengr.com	Path:	Transferred Transport (BMSCT - 1507-55T Gloverno MYPHINTS, Dier Gille MY Deu	Dwg No. E-7

C.A.S.E., Inc. P.O. Box 4825

Lafayette, Louisiana 70502 Phone: 337-232-3336 FAX: mgranberry@casengr.com

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Project		Date
	150' SST KY03075 Flint Site, KY	11:15:08 04/07/25
Client		Designed by
	Skyway Towers	MJG

#### **Tower Input Data**

The main tower is a 3x free standing tower with an overall height of 150.00 ft above the ground line.

The base of the tower is set at an elevation of 0.00 ft above the ground line.

The face width of the tower is 4.50 ft at the top and 16.50 ft at the base.

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

The following design criteria apply:

Tower is located in Calloway County, Kentucky.

Tower base elevation above sea level: 522.00 ft.

Basic wind speed of 106 mph.

Risk Category II.

Exposure Category C.

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

Topographic Category: 1. Crest Height: 0.00 ft.

Nominal ice thickness of 1.5000 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

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

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

Connections use galvanized A325 bolts, nuts and locking devices. Installation per TIA/EIA-222 and AISC Specifications..

Tower members are "hot dipped" galvanized in accordance with ASTM A123 and ASTM A153 Standards.. Tower obstruction lighting is based on FAA Style E. CASE is not repsonsible for the determination of the FAA

lighting requirements. If a different style is required, CASE should be notified and the tower design should be updated..

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in tower member design is 1.

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

#### **Options**

Consider Moments - Legs

Consider Moments - Horizontals Consider Moments - Diagonals

- Use Moment Magnification
  Use Code Stress Ratios
- ✓ Use Code Safety Factors Guys Escalate Ice

Always Use Max Kz Use Special Wind Profile

- √ Include Bolts In Member Capacity Leg Bolts Are At Top Of Section
- √ Secondary Horizontal Braces Leg
- √ Use Diamond Inner Bracing (4 Sided)
- √ SR Members Have Cut Ends SR Members Are Concentric Distribute Leg Loads As Uniform

- Assume Legs Pinned Assume Rigid Index Plate
- ✓ Use Clear Spans For Wind Area
- √ Use Clear Spans For KL/r
- √ Retension Guys To Initial Tension Bypass Mast Stability Checks
- √ Use Azimuth Dish Coefficients
- √ Project Wind Area of Appurtenances Alternative Appurt. EPA Calculation
- √ Autocalc Torque Arm Areas Add IBC .6D+W Combination Sort Capacity Reports By Component
- √ Triangulate Diamond Inner Bracing
- √ Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs Use ASCE 10 X-Brace Ly Rules

- √ Calculate Redundant Bracing Forces Ignore Redundant Members in FEA
- √ SR Leg Bolts Resist Compression
- √ All Leg Panels Have Same Allowable Offset Girt At Foundation
- √ Consider Feed Line Torque
- √ Include Angle Block Shear Check
  Use TIA-222-H Bracing Resist. Exemption
  Use TIA-222-H Tension Splice Exemption
  Poles

  Output

  Description
  Poles

  Pole

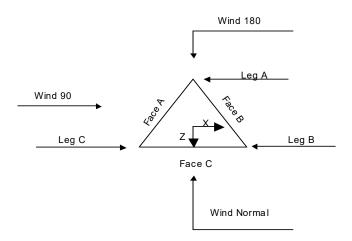
Include Shear-Torsion Interaction
Always Use Sub-Critical Flow
Use Top Mounted Sockets
Pole Without Linear Attachments
Pole With Shroud Or No Appurtenances
Outside and Inside Corner Radii Are Known

tnxTo	wer
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**C.A.S.E., Inc.** P.O. Box 4825

Lafayette, Louisiana 70502 Phone: 337-232-3336 FAX: mgranberry@casengr.com

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Triangular Tower

		Tov	ver Section G	eometry		
Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of	Section Length
Section	Dievanon	Dutabase		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Sections	Lengin
	ft			ft		ft
T1	150.00-140.00			4.50	1	10.00
T2	140.00-120.00			4.50	1	20.00
T3	120.00-100.00			4.50	1	20.00
T4	100.00-80.00			6.50	1	20.00
T5	80.00-60.00			8.50	1	20.00
T6	60.00-40.00			10.50	1	20.00
T7	40.00-20.00			12.50	1	20.00
T8	20.00-0.00			14.50	1	20.00

	Tower Section Geometry (cont'd)							
Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End	Has Horizontals	Top Girt Offset	Bottom Girt Offset	
	ft	ft		Panels		in	in	
T1	150.00-140.00	5.00	X Brace	No	No	0.0000	0.0000	
T2	140.00-120.00	4.00	X Brace	No	No	0.0000	0.0000	
T3	120.00-100.00	4.00	X Brace	No	No	0.0000	0.0000	
T4	100.00-80.00	4.00	X Brace	No	No	0.0000	0.0000	
T5	80.00-60.00	5.00	X Brace	No	No	0.0000	0.0000	

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	Skyway Towers	MJG

Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace	Has Horizontals	Top Girt Offset	Bottom Girt Offset
Seemon	ner anon	Spacing	1,770	End	110.120.11415	0,,,500	3),501
	ft	ft		Panels		in	in
T6	60.00-40.00	5.00	X Brace	No	No	0.0000	0.0000
T7	40.00-20.00	5.00	X Brace	No	No	0.0000	0.0000
T8	20.00-0.00	5.00	Double K	No	Yes	0.0000	0.0000

Tower	Leg	Leg	Leg	Diagonal	Diagonal	Diagonal
Elevation	Type	Size	Grade	Туре	Size	Grade
ft						
Γ1 150.00-140.00	Solid Round	1 3/4	A529-50	Equal Angle	L2x2x3/16	A529-50
			(50 ksi)			(50 ksi)
T2 140.00-120.00	Solid Round	2 1/4	A529-50	Equal Angle	L2x2x3/16	A529-50
			(50 ksi)			(50 ksi)
Γ3 120.00-100.00	Solid Round	2 1/2	A529-50	Equal Angle	L2x2x3/16	A529-50
			(50 ksi)			(50 ksi)
T4 100.00-80.00	Solid Round	2 3/4	A529-50	Equal Angle	L2x2x3/16	A529-50
			(50 ksi)			(50 ksi)
T5 80.00-60.00	Solid Round	3 1/4	A529-50	Equal Angle	L2x2x3/16	A529-50
			(50 ksi)			(50 ksi)
T6 60.00-40.00	Solid Round	3 1/2	A529-50	Equal Angle	L2 1/2x2 1/2x3/16	A529-50
			(50 ksi)			(50 ksi)
T7 40.00-20.00	Solid Round	3 1/2	A529-50	Equal Angle	L2 1/2x2 1/2x3/16	A529-50
			(50 ksi)	-		(50 ksi)
T8 20.00-0.00	Solid Round	3 3/4	A529-50	Equal Angle	L3x3x3/16	A529-50
			(50 ksi)			(50 ksi)

Tower Elevation ft	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
T1 150.00-140.00	Equal Angle	L1 3/4x1 3/4x3/16	A529-50	Solid Round		A529-50
			(50 ksi)			(50 ksi)

## **Tower Section Geometry** (cont'd)

Tower Elevation	No. of Mid	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
ft	Girts						
T8 20.00-0.00	None	Solid Round		A36 (36 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A529-50 (50 ksi)

tnx <sub>T</sub>	<i>ower</i>

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	Tower Section Geometry (cont'd)						
Tower Elevation	Secondary Horizontal Type	Secondary Horizontal Size	Secondary Horizontal Grade	Inner Bracing Type	Inner Bracing Size	Inner Bracing Grade	
ft F8 20.00-0.00	Solid Round		A36 (36 ksi)	Equal Angle	L2x2x3/16	A529-50 (50 ksi)	

Tower Section Geometry (cont'd)									
Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor $A_f$	Adjust. Factor A <sub>r</sub>	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft²	in					in	in	in
T1 150.00-140.00	0.00	0.0000	A36 (36 ksi)	l	1	1	36.0000	36.0000	36.0000
T2	0.00	0.0000	A36	1	1	1	36.0000	36.0000	36.0000
140.00-120.00			(36 ksi)						
T3 120.00-100.00	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T4 100.00-80.00	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T5 80.00-60.00	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T6 60.00-40.00	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T7 40.00-20.00	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T8 20.00-0.00	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000

			To	wer Se	ction G	Seomet	r <b>y</b> (cor	nt'd)		
						K Fa	ctors <sup>1</sup>			
Tower Elevation	Calc K Single	Calc K Solid	Legs	X Brace Diags	K Brace Diags	Single Diags	Girts	Horiz.	Sec. Horiz.	Inner Brace
	Angles	Rounds		X	X	X	X	X	X	X
ft				Y	Y	Y	Y	Y	Y	Y
T1	Yes	Yes	1	1	1	1	1	1	1	1
150.00-140.00				1	1	1	1	1	1	1
T2	Yes	Yes	1	1	1	1	1	1	1	1
140.00-120.00				1	1	1	1	1	1	1
Т3	Yes	Yes	1	1	1	1	1	1	1	1
120.00-100.00				1	1	1	1	1	1	1
T4	Yes	Yes	1	1	1	1	1	1	1	1
100.00-80.00				1	1	1	1	1	1	1
T5	Yes	Yes	1	1	1	1	1	1	1	1
80.00-60.00				1	1	1	1	1	1	1
Т6	Yes	Yes	1	1	1	1	1	1	1	1
60.00-40.00				1	1	1	1	1	1	1
T7	Yes	Yes	1	1	1	1	1	1	1	1
40.00-20.00			_	1	1	1	1	1	1	1

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			K Factors <sup>1</sup>										
Tower	Calc	Calc	Legs	X	K	Single	Girts	Horiz.	Sec.	Inner			
Elevation	K	K	_	Brace	Brace	Diags			Horiz.	Brace			
	Single	Solid		Diags	Diags	_							
	Angles	Rounds		X	X	X	X	X	X	X			
ft	_			Y	Y	Y	Y	Y	Y	Y			
T8 20.00-0.00	Yes	Yes	1	1	1	1	1	1	1	1			
				1	1	1	1	1	1	1			

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

## **Tower Section Geometry** (cont'd)

Tower Elevation ft	Leg		Diago	nal	Top G	irt	Botton	n Girt	Mid	Mid Girt		rizontal	Short Horizonta	
Ji	Net Width	U	Net Width	U	Net Width	U	Net	U	Net	U	Net	U	Net	$\overline{U}$
	Deduct		Deduct		Deduct		Width		Width		Width		Width	
	in		in		in		Deduct		Deduct		Deduct		Deduct	
							in		in		in		in	
T1	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
150.00-140.00														
T2	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
140.00-120.00														
Т3	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
120.00-100.00														
T4	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
100.00-80.00														
T5 80.00-60.00	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T6 60.00-40.00	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T7 40.00-20.00	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T8 20.00-0.00	0.0000	1	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75

Tower Elevation	Redundant Horizontal	Redundant Diagonal	Redundant Sub-Diagonal	Redundant Sub-Horizontal	Redundant Vertical	Redundant Hip	Redundant Hip Diagonal
ft							
	Net Width U	Net Width U	Net Width U	Net U	Net U	Net U	Net U
	Deduct	Deduct	Deduct	Width	Width	Width	Width
	in	in	in	Deduct in	Deduct in	Deduct in	Deduct in
T1	0.0000 0.75 (1	4	0.0000 0.75	0.0000 0.75	0.0000 0.75	0.0000 0.75 (1)	0.0000 0.75 (1)
150.00-140.00	0.0000 0.75 (2					0.0000 0.75 (2)	0.0000 0.75 (2)
	0.0000 0.75 (3	) 0.0000 (2) 0.75 (3)				0.0000 0.75 (3)	0.0000 0.75 (3)
	0.0000 0.75 (4					0.0000 0.75 (4)	0.0000 0.75 (4)
T2 140.00-120.00	0.0000 0.75 (1		0.0000 0.75	0.0000 0.75	0.0000 0.75	0.0000 0.75 (1)	0.0000 0.75 (1)
1.0.00 120.00	0.0000 0.75 (2	0.0000 0.75				0.0000 0.75 (2)	0.0000 0.75 (2)
	0.0000 0.75 (3					0.0000 0.75 (3)	0.0000 0.75 (3)
	0.0000 0.75 (4	1				0.0000 0.75 (4)	0.0000 0.75 (4)
T3 120.00-100.00	0.0000 0.75 (1	0.0000 (4) 0.75 (1)	0.0000 0.75	0.0000 0.75	0.0000 0.75	0.0000 0.75 (1)	0.0000 0.75 (1)

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Lafayette, Louisiana 70502 Phone: 337-232-3336 FAX: mgranberry@casengr.com

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	Skyway Towers	MJG

Tower Elevation ft	Redur Horiz		Reduna Diago		Redund Sub-Dia		Redur Sub-Hor		Redundan	t Vertical	Reduna	lant Hip		lant Hip gonal
ji	Net Width Deduct in	h U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
	0.0000	0.75 (2)	0.0000	0.75 (2)							0.0000	0.75 (2)	0.0000	0.75 (2)
	0.0000	0.75 (3)	0.0000	0.75							0.0000	0.75 (3)	0.0000	0.75(3)
	0.0000	0.75 (4)	0.0000	(3) 0.75							0.0000	0.75 (4)	0.0000	0.75 (4)
T4	0.0000	0.75 (1)	0.0000	(4) 0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75 (1)	0.0000	0.75 (1)
100.00-80.00	0.0000	0.75 (2)	0.0000	(1) 0.75							0.0000	0.75 (2)	0.0000	0.75 (2)
	0.0000	0.75 (3)	0.0000	(2) 0.75							0.0000	0.75 (3)	0.0000	0.75 (3)
	0.0000	0.75 (4)		(3) 0.75							0.0000	0.75 (4)	0.0000	0.75 (4)
T5 80.00-60.00		0.75 (1)		(4) 0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75 (1)	0.0000	0.75 (1)
12 00.00 00.00	0.0000	0.75 (2)		(1) 0.75		0.70	0.0000	0.75	0.0000	01,75	0.0000	0.75 (2)	0.0000	0.75 (2)
	0.0000	0.75 (3)		(2) 0.75							0.0000	0.75 (2)	0.0000	0.75 (2)
				(3)										
T. (0.00 40.00	0.0000	0.75 (4)		0.75 (4)	0.0000	0.77		0.75			0.0000	0.75 (4)	0.0000	0.75 (4)
T6 60.00-40.00		0.75 (1)		0.75 (1)	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75 (1)	0.0000	0.75 (1)
	0.0000	0.75 (2)		0.75 (2)							0.0000	0.75 (2)	0.0000	0.75 (2)
	0.0000	0.75 (3)	0.0000	0.75 (3)							0.0000	0.75 (3)	0.0000	0.75 (3)
	0.0000	0.75 (4)	0.0000	0.75 (4)							0.0000	0.75 (4)	0.0000	0.75 (4)
T7 40.00-20.00	0.0000	0.75 (1)	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75 (1)	0.0000	0.75(1)
	0.0000	0.75 (2)	0.0000	0.75							0.0000	0.75 (2)	0.0000	0.75(2)
	0.0000	0.75 (3)	0.0000	0.75							0.0000	0.75 (3)	0.0000	0.75 (3)
	0.0000	0.75 (4)	0.0000	(3) 0.75							0.0000	0.75 (4)	0.0000	0.75 (4)
T8 20.00-0.00	0.0000	0.75 (1)	0.0000	(4) 0.75 (1)	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75 (1)	0.0000	0.75 (1)
			ı	(-)										
	0.0000	0.75 (2)	0.0000	0.75 (2)							0.0000	0.75 (2)	0.0000	0.75 (2)
	0.0000	0.75 (3)	0.0000	0.75 (3)							0.0000	0.75 (3)	0.0000	0.75 (3)
	0.0000	0.75 (4)	0.0000	0.75 (4)							0.0000	0.75 (4)	0.0000	0.75 (4)

tnxTo	wer
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	Skyway Towers	MJG

## **Tower Section Geometry** (cont'd)

Tower	Leg	Leg		Diagoi	ıal	Top G	irt	Bottom	Girt	Mid G	irt	Long Hori	izontal	Short Hor	izontal
Elevation	Connection														
ft	Туре														
		Bolt Size	No.	Bolt Size	No.	Bolt Size	No.	Bolt Size	No.						
		in		in		in		in		in		in		in	
T1	Flange	0.7500	4	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	0	0.6250	0
150.00-140.00		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T2	Flange	0.7500	4	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	0	0.6250	0
140.00-120.00		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T3	Flange	1.0000	4	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	0	0.6250	0
120.00-100.00		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T4	Flange	1.0000	4	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	0	0.6250	0
100.00-80.00		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T5 80.00-60.00	Flange	1.0000	4	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	0	0.6250	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T6 60.00-40.00	Flange	1.0000	6	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	0	0.6250	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T7 40.00-20.00	Flange	1.0000	6	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	0	0.6250	0
		A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T8 20.00-0.00	Flange	1.2500	6	0.5000	1	0.6250	0	0.6250	0	0.6250	0	0.5000	1	0.6250	0
		F1554-105		A325N		A325N		A325N		A325N		A325N		A325N	

## Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or	Allow Shield	Exclude From	Component Type	Placement	Face Offset	Lateral Offset	#	# Per	Clear Spacing	Width or Diameter	Perimeter	Weight
	Leg		Torque	7.1	ft	in	(Frac FW)		Row	in	in	in	plf
			Calculation										
Feedline	A	No	No	Af (CaAa)	143.00 -	0.0000	0	1	1	3.0000	3.0000		8.40
Ladder (Af)					10.00								
Feedline	В	No	No	Af (CaAa)	128.00 -	0.0000	0.1	1	1	3.0000	3.0000		8.40
Ladder (Af)					10.00								
Feedline	В	No	No	Af (CaAa)	113.00 -	0.0000	-0.1	1	1	3.0000	3.0000		8.40
Ladder (Af)  ****					10.00								
LDF7-50A	A	No	No	Ar (CaAa)	145.00 -	0.0000	0.05	12	6	0.5000	1.9800		0.82
(1-5/8 FOAM)					10.00								
LDF7-50A	В	No	No	Ar (CaAa)	130.00 -	0.0000	0.05	12	6	0.5000	1.9800		0.82
(1-5/8 FOAM)					10.00								
LDF7-50A	В	No	No	Ar (CaAa)	115.00 -	0.0000	-0.05	12	6	0.5000	1.9800		0.82
(1-5/8 FOAM)					10.00								
EW63	A	No	No	Ar (CaAa)	80.00 -	0.0000	-0.05	4	4	0.5000	1.5742		0.51
					10.00								
EW63	A	No	No	Ar (CaAa)	100.00 -	0.0000	-0.05	2	2	0.5000	1.5742		0.51
					80.00								

## Feed Line/Linear Appurtenances - Entered As Area

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Description	Face or	Allow Shield	Exclude From	Component Type	Placement	Face Offset	Lateral Offset	#		$C_AA_A$	Weight
	Leg	Shieiu	Torque Calculation	Туре	ft	in	(Frac FW)			ft²/ft	plf
Safety Line 3/8	A	No	No	CaAa (In Face)	145.00 - 10.00	0.0000	-0.45	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.04 0.14 0.24 0.44	0.22 0.75 1.28 2.34
SO Cord - 5/8"	С	No	No	CaAa (In Face)	145.00 - 10.00	0.0000	-0.45	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.06 0.16 0.26 0.46	0.26 0.95 2.25 6.67
1/2" Ground	С	No	No	CaAa (In Face)	145.00 - 0.00	0.0000	0.45	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.05 0.15 0.25 0.45	0.50 1.11 2.33 6.61

## Feed Line/Linear Appurtenances Section Areas

Tower	Tower	Face	$A_R$	$A_F$	$C_A A_A$	$C_AA_A$	Weight
Section	Elevation				In Face	Out Face	
	ft		$ft^2$	ft²	$ft^2$	ft²	lb
T1	150.00-140.00	A	0.000	0.000	13.568	0.000	75.50
		В	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.562	0.000	3.80
T2	140.00-120.00	A	0.000	0.000	58.270	0.000	369.20
		В	0.000	0.000	27.760	0.000	165.60
		C	0.000	0.000	2.250	0.000	15.20
T3	120.00-100.00	A	0.000	0.000	58.270	0.000	369.20
		В	0.000	0.000	99.660	0.000	621.60
		C	0.000	0.000	2.250	0.000	15.20
T4	100.00-80.00	A	0.000	0.000	64.567	0.000	389.60
		В	0.000	0.000	115.040	0.000	729.60
		C	0.000	0.000	2.250	0.000	15.20
T5	80.00-60.00	A	0.000	0.000	70.864	0.000	410.00
		В	0.000	0.000	115.040	0.000	729.60
		C	0.000	0.000	2.250	0.000	15.20
T6	60.00-40.00	A	0.000	0.000	70.864	0.000	410.00
		В	0.000	0.000	115.040	0.000	729.60
		C	0.000	0.000	2.250	0.000	15.20
T7	40.00-20.00	A	0.000	0.000	70.864	0.000	410.00
		В	0.000	0.000	115.040	0.000	729.60
		C	0.000	0.000	2.250	0.000	15.20
T8	20.00-0.00	A	0.000	0.000	35.432	0.000	205.00
		В	0.000	0.000	57.520	0.000	364.80
		C	0.000	0.000	1.625	0.000	12.60

## Feed Line/Linear Appurtenances Section Areas - With Ice

Tower	Tower	Face	Ice	$A_R$	$A_F$	$C_A A_A$	$C_A A_A$	Weight
Section	Elevation	or	Thickness			In Face	Out Face	
	ft	Leg	in	ft <sup>2</sup>	ft <sup>2</sup>	ft <sup>2</sup>	ft <sup>2</sup>	lb

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Tower	Tower	Face	Ice	$A_R$	$A_F$	$C_AA_A$	$C_A A_A$	Weight
Section	Elevation	or	Thickness			In Face	Out Face	
	ft	Leg	in	ft²	ft <sup>2</sup>	ft <sup>2</sup>	ft <sup>2</sup>	lb
T1	150.00-140.00	A	1.739	0.000	0.000	16.685	0.000	313.82
		В		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	4.041	0.000	55.07
T2	140.00-120.00	A	1.720	0.000	0.000	73.248	0.000	1412.07
		В		0.000	0.000	31.120	0.000	644.03
		C		0.000	0.000	16.013	0.000	216.98
T3	120.00-100.00	A	1.692	0.000	0.000	72.832	0.000	1395.59
		В		0.000	0.000	112.623	0.000	2330.79
		C		0.000	0.000	15.785	0.000	212.02
T4	100.00-80.00	A	1.658	0.000	0.000	93.618	0.000	1591.41
		В		0.000	0.000	129.916	0.000	2673.42
		C		0.000	0.000	15.516	0.000	206.17
T5	80.00-60.00	A	1.617	0.000	0.000	101.825	0.000	1706.98
		В		0.000	0.000	129.045	0.000	2628.17
		C		0.000	0.000	15.187	0.000	199.00
T6	60.00-40.00	A	1.564	0.000	0.000	100.693	0.000	1665.32
		В		0.000	0.000	127.912	0.000	2569.90
		C		0.000	0.000	14.759	0.000	189.69
T7	40.00-20.00	A	1.486	0.000	0.000	99.048	0.000	1605.48
		В		0.000	0.000	126.266	0.000	2486.19
		C		0.000	0.000	14.136	0.000	176.13
T8	20.00-0.00	A	1.331	0.000	0.000	47.894	0.000	744.75
		В		0.000	0.000	61.502	0.000	1161.95
		C		0.000	0.000	9.612	0.000	112.10

## **Feed Line Center of Pressure**

Section	Elevation	$CP_X$	$CP_Z$	$CP_X$	$CP_Z$
				Ice	Ice
	ft	in	in	in	in
T1	150.00-140.00	-2.2459	-2.2898	-2.3488	-0.5368
T2	140.00-120.00	-1.6861	-4.0878	-2.2661	-1.6955
T3	120.00-100.00	2.6048	-6.4659	1.5704	-4.1985
T4	100.00-80.00	2.8526	-8.3754	1.3417	-5.8983
T5	80.00-60.00	2.8882	-10.1301	1.3344	-7.2465
T6	60.00-40.00	2.9401	-10.7734	1.4449	-7.9993
T7	40.00-20.00	3.1782	-11.8758	1.6085	-8.8985
T8	20.00-0.00	1.8355	-8.2612	0.2036	-5.9129

## Shielding Factor Ka

Tower	Feed Line	Description	Feed Line	$K_a$	$K_a$
Section	Record No.		Segment Elev.	No Ice	Ice
T1	2	Safety Line 3/8	140.00 -	0.6000	0.5442
		-	145.00		
T1	3	SO Cord - 5/8"	140.00 -	0.6000	0.5442
			145.00		
T1	4	1/2" Ground	140.00 -	0.6000	0.5442
			145.00		
T1	5	Feedline Ladder (Af)	140.00 -	0.6000	0.5442
			143.00		

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Tower   Feed Line   Secriton   Segment Elev.   No Ice   Ice   Ice   Segment Elev.   No Ice   I						
T1			Description			
T2			LDF7-50A (1-5/8 FOAM)	Ü		
T2						0.0 2
T2	T2	2	Safety Line 3/8		0.6000	0.5464
T2	T2	3	SO Cord - 5/8"		0.6000	0.5464
T2	12		50 0014 570			0.5 10 1
T2	T2	4	1/2" Ground		0.6000	0.5464
T2	Т2	5	Feedline Ladder (Af)		0.6000	0 5464
T2	12		r cedime Eddder (711)		0.0000	0.5404
T2	T2	6	Feedline Ladder (Af)		0.6000	0.5464
T2	Т2	0	LDE7 50A (1.5/8 EOAM)		0.6000	0.5464
T3 2 Safety Line 3/8 100.00 - 0.6000 0.5907 T3 3 SO Cord - 5/8" 100.00 - 0.6000 0.5907 T3 4 1/2" Ground 100.00 - 0.6000 0.5907 T3 5 Feedline Ladder (Af) 100.00 - 0.6000 0.5907 T3 6 Feedline Ladder (Af) 100.00 - 0.6000 0.5907 T3 7 Feedline Ladder (Af) 100.00 - 0.6000 0.5907 T3 7 Feedline Ladder (Af) 100.00 - 0.6000 0.5907 T3 9 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907 T3 10 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907 T3 11 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907 T3 12 Safety Line 3/8 80.00 - 100.00 - 0.6000 0.5907 T4 2 Safety Line 3/8 80.00 - 100.00 0.6000 0.6000 T4 4 5 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000 T4 5 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000 T4 6 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000 T4 7 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000 T4 9 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T5 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000 T6 2 Safety Line 3/8 40.00 - 60.00 0.6000 0.6000 T6 2 Safety Line 3/8 40.00 - 60.00 0.6000 0.6000 T6 5 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000 T6 6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000 T6 6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000 T6 6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000	12		LDI 7-30A (1-3/01 OAW)		0.0000	0.5404
T3	T2	10	LDF7-50A (1-5/8 FOAM)		0.6000	0.5464
T3	Т3	2	Sofaty I in 3/9		0.6000	0.5007
T3	13	2	Safety Line 3/6		0.0000	0.5907
T3	Т3	3	SO Cord - 5/8"	100.00 -	0.6000	0.5907
T3 5 Feedline Ladder (Af) 100.00 - 0.6000 0.5907  T3 6 Feedline Ladder (Af) 100.00 - 0.6000 0.5907  T3 7 Feedline Ladder (Af) 100.00 - 0.6000 0.5907  T3 9 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T3 10 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T3 11 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T3 11 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T4 2 Safety Line 3/8 80.00 - 100.00 0.6000 0.6000  T4 3 SO Cord - 5/8" 80.00 - 100.00 0.6000 0.6000  T4 4 5 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000  T4 6 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000  T4 7 7 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000  T4 9 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T4 10 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T5 2 Safety Line 3/8 80.00 - 100.00 0.6000 0.6000  T5 3 SO Cord - 5/8" 60.00 - 80.00 0.6000 0.6000  T5 4 12" Ground 60.00 - 80.00 0.6000 0.6000  T5 5 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T5 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T5 9 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T5 10 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T5 11 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T5 12 Safety Line 3/8 10.00 0.00 0.0000 0.0000  T5 11 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T5 12 Safety Line 3/8 10.00 0.00 0.0000 0.0000  T5 11 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T6 2 Safety Line 3/8 40.00 - 60.00 0.6000 0.6000  T6 3 SO Cord - 5/8" 40.00 - 60.00 0.6000 0.6000  T6 4 12" Ground 40.00 - 60.00 0.6000 0.6000  T6 5 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 7 Feedline	тэ	4	1/20 C 1		0.6000	0.5007
T3         5         Feedline Ladder (Af)         100.00 - 120.00         0.6000         0.5907           T3         6         Feedline Ladder (Af)         100.00 - 120.00         0.6000         0.5907           T3         7         Feedline Ladder (Af)         100.00 - 0.6000         0.5907           T3         9         LDF7-50A (1-5/8 FOAM)         100.00 - 0.6000         0.5907           T3         10         LDF7-50A (1-5/8 FOAM)         100.00 - 0.6000         0.5907           T3         11         LDF7-50A (1-5/8 FOAM)         100.00 - 0.6000         0.5907           T4         2         Safety Line 3/8         80.00 - 100.00         0.6000         0.6000           T4         3         SO Cord - 5/8" 80.00 - 100.00         0.6000         0.6000           T4         4         1/2" Ground         80.00 - 100.00         0.6000         0.6000           T4         5         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         6         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         7         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         10	13	4	1/2 Ground		0.0000	0.3907
T3	Т3	5	Feedline Ladder (Af)		0.6000	0.5907
T3 7 Feedline Ladder (Af) 100.00 - 0.6000 0.5907  T3 9 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T3 10 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T3 11 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T3 11 LDF7-50A (1-5/8 FOAM) 100.00 - 0.6000 0.5907  T4 2 Safety Line 3/8 80.00 - 100.00 0.6000 0.6000  T4 3 SO Cord - 5/8" 80.00 - 100.00 0.6000 0.6000  T4 4 5 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000  T4 6 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000  T4 7 7 Feedline Ladder (Af) 80.00 - 100.00 0.6000 0.6000  T4 9 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T4 10 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T4 11 LDF7-50A (1-5/8 FOAM) 80.00 - 100.00 0.6000 0.6000  T4 12 Safety Line 3/8 60.00 - 80.00 0.6000 0.6000  T5 2 Safety Line 3/8 60.00 - 80.00 0.6000 0.6000  T5 3 SO Cord - 5/8" 60.00 - 80.00 0.6000 0.6000  T5 4 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T5 5 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T5 7 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T5 9 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T5 10 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T5 11 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000  T5 12 EW63 60.00 - 80.00 0.6000 0.6000  T5 12 EW63 60.00 - 80.00 0.6000 0.6000  T6 2 Safety Line 3/8 40.00 - 60.00 0.6000 0.6000  T6 5 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 5 Feedline Ladder (Af) 60.00 - 80.00 0.6000 0.6000  T6 6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000  T6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000			T		0.6000	0.5005
T3	13	6	Feedline Ladder (Af)		0.6000	0.5907
T3 9 LDF7-50A (1-5/8 FOAM) 100.00 - 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 0.5907 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 1	Т3	7	Feedline Ladder (Af)		0.6000	0.5907
T3						
T3	Т3	9	LDF7-50A (1-5/8 FOAM)		0.6000	0.5907
T3	Т3	10	LDF7-50A (1-5/8 FOAM)		0.6000	0.5907
T4			,			
T4         2         Safety Line 3/8 SO.00 - 100.00         0.6000         0.6000           T4         3         SO Cord - 5/8" 80.00 - 100.00         0.6000         0.6000           T4         4         1/2" Ground 80.00 - 100.00         0.6000         0.6000           T4         5         Feedline Ladder (Af) 80.00 - 100.00         0.6000         0.6000           T4         6         Feedline Ladder (Af) 80.00 - 100.00         0.6000         0.6000           T4         7         Feedline Ladder (Af) 80.00 - 100.00         0.6000         0.6000           T4         9         LDF7-50A (1-5/8 FOAM) 80.00 - 100.00         0.6000         0.6000           T4         10         LDF7-50A (1-5/8 FOAM) 80.00 - 100.00         0.6000         0.6000           T4         11         LDF7-50A (1-5/8 FOAM) 80.00 - 100.00         0.6000         0.6000           T4         13         EW63 80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8 80.00 - 100.00         0.6000         0.6000           T5         3         SO Cord - 5/8" 60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000	Т3	11	LDF7-50A (1-5/8 FOAM)		0.6000	0.5907
T4	T4	2	Safety Line 3/8		0.6000	0.6000
T4         5         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         6         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         7         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         9         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         10         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         11         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8         80.00 - 100.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
T4         6         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         7         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         9         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         10         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         11         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8         80.00 - 100.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.600					0.6000	
T4         7         Feedline Ladder (Af)         80.00 - 100.00         0.6000         0.6000           T4         9         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         10         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         11         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8         80.00 - 100.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         10         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         <	T4		Feedline Ladder (Af)		0.6000	0.6000
T4         9         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         10         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         11         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         13         EW63         80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8         60.00 - 80.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         11         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000	T4				0.6000	
T4         10         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         11         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         13         EW63         80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8         60.00 - 80.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         10         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         12         EW63         60.00 - 80.00         0.6000         0.6000			Feedline Ladder (Af)		0.6000	0.6000
T4         11         LDF7-50A (1-5/8 FOAM)         80.00 - 100.00         0.6000         0.6000           T4         13         EW63         80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8         60.00 - 80.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         10         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         11         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T6         2         Safety Line 3/8         40.00 - 60.00         0.6000         <						
T4         13         EW63         80.00 - 100.00         0.6000         0.6000           T5         2         Safety Line 3/8         60.00 - 80.00         0.6000         0.6000           T5         3         SO Cord - 5/8"         60.00 - 80.00         0.6000         0.6000           T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         10         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         11         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         12         EW63         60.00 - 80.00         0.6000         0.6000           T6         2         Safety Line 3/8         40.00 - 60.00         0.6000         0.6000			` '			
T5						
T5						
T5         4         1/2" Ground         60.00 - 80.00         0.6000         0.6000           T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         10         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         11         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         12         EW63         60.00 - 80.00         0.6000         0.6000           T6         2         Safety Line 3/8         40.00 - 60.00         0.6000         0.6000           T6         3         SO Cord - 5/8"         40.00 - 60.00         0.6000         0.6000           T6         4         1/2" Ground         40.00 - 60.00         0.6000         0.6000           T6         5         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.600						
T5         5         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         10         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         11         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         12         EW63         60.00 - 80.00         0.6000         0.6000           T6         2         Safety Line 3/8         40.00 - 60.00         0.6000         0.6000           T6         3         SO Cord - 5/8"         40.00 - 60.00         0.6000         0.6000           T6         4         1/2" Ground         40.00 - 60.00         0.6000         0.6000           T6         5         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         6         Feedline Ladder (Af)         40.00 - 60.00         0.6000						
T5         6         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         7         Feedline Ladder (Af)         60.00 - 80.00         0.6000         0.6000           T5         9         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         10         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T5         11         LDF7-50A (1-5/8 FOAM)         60.00 - 80.00         0.6000         0.6000           T6         2         Safety Line 3/8         40.00 - 60.00         0.6000         0.6000           T6         3         SO Cord - 5/8"         40.00 - 60.00         0.6000         0.6000           T6         4         1/2" Ground         40.00 - 60.00         0.6000         0.6000           T6         5         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         6         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         7         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         9         LDF7-50A (1-5/8 FOAM)         40.00 - 60.00         0.60						
T5						
T5 9 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000   T5 10 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000   T5 11 LDF7-50A (1-5/8 FOAM) 60.00 - 80.00 0.6000 0.6000   T6 12 EW63 60.00 - 80.00 0.6000 0.6000   T6 2 Safety Line 3/8 40.00 - 60.00 0.6000 0.6000   T6 3 SO Cord - 5/8" 40.00 - 60.00 0.6000 0.6000   T6 4 1/2" Ground 40.00 - 60.00 0.6000 0.6000   T6 5 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000   T6 6 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000   T6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000   T6 9 LDF7-50A (1-5/8 FOAM) 40.00 - 60.00 0.6000 0.6000   T6 9 LDF7-50A (1-5/8 FOAM) 40.00 - 60.00 0.6000 0.6000   T6 9 LDF7-50A (1-5/8 FOAM) 40.00 - 60.00 0.6000 0.6000 0.6000   T6 9 LDF7-50A (1-5/8 FOAM) 40.00 - 60.00 0.6000 0.6000 0.6000   T6 9 LDF7-50A (1-5/8 FOAM) 40.00 - 60.00 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.60000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.60000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000 0.6000			· ,			
T5						
T5						
T5						
T6         2         Safety Line 3/8         40.00 - 60.00         0.6000         0.6000           T6         3         SO Cord - 5/8"         40.00 - 60.00         0.6000         0.6000           T6         4         1/2" Ground         40.00 - 60.00         0.6000         0.6000           T6         5         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         6         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         7         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         9         LDF7-50A (1-5/8 FOAM)         40.00 - 60.00         0.6000         0.6000						
T6         3         SO Cord - 5/8"         40.00 - 60.00         0.6000         0.6000           T6         4         1/2" Ground         40.00 - 60.00         0.6000         0.6000           T6         5         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         6         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         7         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         9         LDF7-50A (1-5/8 FOAM)         40.00 - 60.00         0.6000         0.6000						
T6         4         1/2" Ground         40.00 - 60.00         0.6000         0.6000           T6         5         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         6         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         7         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         9         LDF7-50A (1-5/8 FOAM)         40.00 - 60.00         0.6000         0.6000			2			
T6         5         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         6         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         7         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         9         LDF7-50A (1-5/8 FOAM)         40.00 - 60.00         0.6000         0.6000						
T6         6         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         7         Feedline Ladder (Af)         40.00 - 60.00         0.6000         0.6000           T6         9         LDF7-50A (1-5/8 FOAM)         40.00 - 60.00         0.6000         0.6000						
T6 7 Feedline Ladder (Af) 40.00 - 60.00 0.6000 0.6000 T6 9 LDF7-50A (1-5/8 FOAM) 40.00 - 60.00 0.6000 0.6000						
T6 9 LDF7-50A (1-5/8 FOAM) 40.00 - 60.00 0.6000 0.6000						
	T6	9	LDF7-50A (1-5/8 FOAM)	40.00 - 60.00	0.6000	0.6000
	T6	10	LDF7-50A (1-5/8 FOAM)	40.00 - 60.00	0.6000	0.6000

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Tower	Feed Line	Description	Feed Line	$K_a$	$K_a$
Section	Record No.		Segment Elev.	No Ice	Ice
T6	11	LDF7-50A (1-5/8 FOAM)	40.00 - 60.00	0.6000	0.6000
T6	12	EW63	40.00 - 60.00	0.6000	0.6000
T7	2	Safety Line 3/8	20.00 - 40.00	0.6000	0.6000
T7	3	SO Cord - 5/8"	20.00 - 40.00	0.6000	0.6000
T7	4	1/2" Ground	20.00 - 40.00	0.6000	0.6000
T7	5	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T7	6	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T7	7	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T7	9	LDF7-50A (1-5/8 FOAM)	20.00 - 40.00	0.6000	0.6000
T7	10	LDF7-50A (1-5/8 FOAM)	20.00 - 40.00	0.6000	0.6000
T7	11	LDF7-50A (1-5/8 FOAM)	20.00 - 40.00	0.6000	0.6000
T7	12	EW63	20.00 - 40.00	0.6000	0.6000
T8	2	Safety Line 3/8	10.00 - 20.00	0.6000	0.6000
T8	3	SO Cord - 5/8"	10.00 - 20.00	0.6000	0.6000
T8	4	1/2" Ground	0.00 - 20.00	0.6000	0.6000
T8	5	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000
T8	6	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000
T8	7	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000
Т8	9	LDF7-50A (1-5/8 FOAM)	10.00 - 20.00	0.6000	0.6000
Т8	10	LDF7-50A (1-5/8 FOAM)	10.00 - 20.00		0.6000
Т8	11	LDF7-50A (1-5/8 FOAM)	10.00 - 20.00		0.6000
Т8	12	EW63	10.00 - 20.00	0.6000	0.6000

			Di	screte 1	ower L	oads			
Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	Placement		C <sub>A</sub> A <sub>A</sub> Front	C <sub>A</sub> A <sub>A</sub> Side	Weight
			ft ft ft	0	ft		ft²	ft <sup>2</sup>	lb
Lightning Rod	С	None		0.0000	150.00	No Ice	1.00	1.00	10.00
						1/2" Ice	1.30	1.30	13.00
						1" Ice	1.60	1.60	16.00
						2" Ice	2.20	2.20	22.00
L-864 Beacon	C	None		0.0000	150.00	No Ice	2.00	2.00	28.00
						1/2" Ice	2.60	2.60	36.00
						1" Ice	3.20	3.20	44.00
****						2" Ice	4.40	4.40	60.00
42,000 sqin EPA(A) Carrier	C	None		0.0000	145.00	No Ice	292.00	292.00	5000.00
(5,000 lbs)						1/2" Ice	380.00	380.00	6500.00
,						1" Ice	468.00	468.00	8000.00
						2" Ice	644.00	644.00	11000.00
30,000 sqin EPA(A) Carrier	C	None		0.0000	130.00	No Ice	209.00	209.00	4000.00
(4,000 lbs)						1/2" Ice	272.00	272.00	5200.00
,						1" Ice	335.00	335.00	6400.00
						2" Ice	461.00	461.00	8800.00
30,000 sqin EPA(A) Carrier	C	None		0.0000	115.00	No Ice	209.00	209.00	4000.00
(4,000 lbs)						1/2" Ice	272.00	272.00	5200.00
,						1" Ice	335.00	335.00	6400.00
						2" Ice	461.00	461.00	8800.00

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uuai	UNC	1

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Dishes											
Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	3 dB Beam Width	Elevation	Outside Diameter		Aperture Area	Weight
				ft	0	0	ft	ft		ft <sup>2</sup>	lb
8' HP Dish (60 sq ft,	В	Paraboloid	From	1.50	0.0000		100.00	8.00	No Ice	60.00	1000.00
1000 lbs)		w/Shroud (HP)	Leg	0.00					1/2" Ice	85.00	1500.00
			_	0.00					1" Ice	110.00	2000.00
									2" Ice	200.00	2500.00
8' HP Dish (60 sq ft,	C	Paraboloid	From	1.50	0.0000		80.00	8.00	No Ice	60.00	1000.00
1000 lbs)		w/Shroud (HP)	Leg	0.00					1/2" Ice	85.00	1500.00
,		` /		0.00					1" Ice	110.00	2000.00
									2" Ice	200.00	2500.00

## **Load Combinations**

Comb.	Description
No.	
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp

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38 1.2	Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
38 1.2	
	Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39 Dea	
J) Dea	ad+Wind 0 deg - Service
40 Dea	ad+Wind 30 deg - Service
41 Dea	ad+Wind 60 deg - Service
42 Dea	ad+Wind 90 deg - Service
43 Dea	ad+Wind 120 deg - Service
44 Dea	ad+Wind 150 deg - Service
45 Dea	ad+Wind 180 deg - Service
46 Dea	ad+Wind 210 deg - Service
47 Dea	ad+Wind 240 deg - Service
48 Dea	ad+Wind 270 deg - Service
49 Dea	ad+Wind 300 deg - Service
50 Dea	ad+Wind 330 deg - Service

## **Maximum Tower Deflections - Service Wind**

Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	٥	0
T1	150 - 140	6.084	42	0.3816	0.0268
T2	140 - 120	5.278	42	0.3794	0.0269
T3	120 - 100	3.727	42	0.3306	0.0278
T4	100 - 80	2.467	42	0.2491	0.0279
T5	80 - 60	1.533	42	0.1742	0.0161
T6	60 - 40	0.861	42	0.1220	0.0098
T7	40 - 20	0.397	42	0.0780	0.0063
T8	20 - 0	0.109	47	0.0357	0.0025

## **Critical Deflections and Radius of Curvature - Service Wind**

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of
		Load				Curvature
ft		Comb.	in	0	0	ft
150.00	Lightning Rod	42	6.084	0.3816	0.0268	Inf
145.00	42,000 sqin EPA(A) Carrier (5,000 lbs)	42	5.681	0.3817	0.0269	Inf
130.00	30,000 sqin EPA(A) Carrier (4,000 lbs)	42	4.481	0.3619	0.0271	26486
115.00	30,000 sqin EPA(A) Carrier (4,000 lbs)	42	3.380	0.3115	0.0284	13694
100.00	8' HP Dish (60 sq ft, 1000 lbs)	42	2.467	0.2491	0.0279	14264
80.00	8' HP Dish (60 sq ft, 1000 lbs)	42	1.533	0.1742	0.0161	18306

## **Maximum Tower Deflections - Design Wind**

Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	0	0
T1	150 - 140	18.984	20	1.1910	0.0838
T2	140 - 120	16.470	20	1.1842	0.0842

tnx <sub>T</sub>	<i>ower</i>

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Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	0	0
T3	120 - 100	11.633	20	1.0308	0.0867
T4	100 - 80	7.710	20	0.7754	0.0872
T5	80 - 60	4.790	20	0.5451	0.0501
T6	60 - 40	2.689	20	0.3814	0.0305
T7	40 - 20	1.240	20	0.2436	0.0197
T8	20 - 0	0.339	18	0.1115	0.0078

## Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of
		Load				Curvature
ft		Comb.	in	0	0	ft
150.00	Lightning Rod	20	18.984	1.1910	0.0838	485007
145.00	42,000 sqin EPA(A) Carrier (5,000	20	17.726	1.1914	0.0840	485007
	lbs)					
130.00	30,000 sqin EPA(A) Carrier (4,000	20	13.981	1.1291	0.0846	8517
	lbs)					
115.00	30,000 sqin EPA(A) Carrier (4,000	20	10.552	0.9711	0.0888	4371
	lbs)					
100.00	8' HP Dish (60 sq ft, 1000 lbs)	20	7.710	0.7754	0.0872	4599
80.00	8' HP Dish (60 sq ft, 1000 lbs)	20	4.790	0.5451	0.0501	5886

## **Bolt Design Data**

Section	Elevation	Component	Bolt	Bolt Size	Number	Maximum	Allowable	Ratio	Allowable	Criteria
No.		Туре	Grade		Of	Load	Load	Load	Ratio	
	ft			in	Bolts	per Bolt	per Bolt	Allowable		
						lb	lb			
T1	150	Leg	A325N	0.7500	4	932.13	30101.40	0.031	1	Bolt Tension
		Diagonal	A325N	0.5000	1	4389.42	8835.73	0.497	1	Bolt Shear
T2	140	Leg	A325N	0.7500	4	16289.80	30101.40	0.541	1	Bolt Tension
		Diagonal	A325N	0.5000	1	7304.11	8835.73	0.827	1	Bolt Shear
T3	120	Leg	A325N	1.0000	4	30208.60	54517.00	0.554	1	Bolt Tension
		Diagonal	A325N	0.5000	1	6036.90	8835.73	0.683	1	Bolt Shear
T4	100	Leg	A325N	1.0000	4	41152.60	54517.00	0.755	1	Bolt Tension
		Diagonal	A325N	0.5000	1	5812.96	8835.73	0.658	1	Bolt Shear
T5	80	Leg	A325N	1.0000	4	49854.50	54517.00	0.914	1	Bolt Tension
		Diagonal	A325N	0.5000	1	6004.28	8835.73	0.680	1	Bolt Shear
T6	60	Leg	A325N	1.0000	6	38064.40	54517.00	0.698	1	Bolt Tension
		Diagonal	A325N	0.5000	1	5597.62	8835.73	0.634	1	Bolt Shear
T7	40	Leg	A325N	1.0000	6	42395.10	54517.00	0.778	1	Bolt Tension
		Diagonal	A325N	0.5000	1	5535.53	8835.73	0.626	1	Bolt Shear
Т8	20	Leg	F1554-10 5	1.2500	6	45725.50	90854.00	0.503	1	Bolt Tension
		Diagonal	A325N	0.5000	1	6282.69	8835.73	0.711	1	Bolt Shear

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Section No.	Elevation	Component Type	Bolt Grade	Bolt Size	Number Of	Maximum Load	Allowable Load	Ratio Load	Allowable Ratio	Criteria
	ft			in	Bolts	per Bolt lb	per Bolt lb	Allowable	•	
		Horizontal	A325N	0.5000	1	5543.70	8835.73	0.627	1	Bolt Shear

## Compression Checks

Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio $P_u$
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
T1	150 - 140	1 3/4	10.00	5.00	137.1 K=1.00	2.4053	-7383.82	28890.80	0.256 1
T2	140 - 120	2 1/4	20.00	4.00	85.3 K=1.00	3.9761	-73281.30	105060.00	0.698 1
Т3	120 - 100	2 1/2	20.03	4.01	76.9 K=1.00	4.9087	-134495.00	143306.00	0.939 1
T4	100 - 80	2 3/4	20.03	4.01	69.9 K=1.00	5.9396	-182650.00	186923.00	0.977 1
T5	80 - 60	3 1/4	20.03	5.01	74.0 K=1.00	8.2958	-219923.00	250223.00	0.879 1
Т6	60 - 40	3 1/2	20.03	5.01	68.7 K=1.00	9.6211	-252585.00	306641.00	0.824 1
Т7	40 - 20	3 1/2	20.03	5.01	68.7 K=1.00	9.6211	-282265.00	306641.00	0.921 1
T8	20 - 0	3 3/4	20.03	5.01	64.1 K=1.00	11.0447	-305717.00	368015.00	0.831 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

		Diago	nal Des	sign [	Data (C	Comp	ression	)	
Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio P <sub>u</sub>
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
T1	150 - 140	L2x2x3/16	6.73	3.11	101.0 K=1.07	0.7150	-4389.42	19820.60	0.221 1
T2	140 - 120	L2x2x3/16	6.02	2.74	92.6 K=1.11	0.7150	-7304.11	22371.10	0.326 1
Т3	120 - 100	L2x2x3/16	7.46	3.58	111.8 K=1.03	0.7150	-5336.70	16372.90	0.326 1
T4	100 - 80	L2x2x3/16	9.21	4.45	135.4 K=1.00	0.7150	-5234.19	11165.10	0.469 <sup>1</sup>
T5	80 - 60	L2x2x3/16	11.41	5.55	168.9 K=1.00	0.7150	-5651.08	7174.38	0.788 1

**C.A.S.E., Inc.** P.O. Box 4825

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Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio P <sub>u</sub>
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
Т6	60 - 40	L2 1/2x2 1/2x3/16	13.23	6.45	156.3 K=1.00	0.9020	-5507.82	10567.00	0.521 1
T7	40 - 20	L2 1/2x2 1/2x3/16	15.10	7.38	179.0 K=1.00	0.9020	-5535.53	8058.42	0.687 1
Т8	20 - 0	L3x3x3/16	9.65	9.17	184.7 K=1.00	1.0900	-6227.26	9144.80	0.681 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

Horizontal Design Data (Compression)									
Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio P <sub>u</sub>
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
Т8	20 - 0	L2 1/2x2 1/2x3/16	16.00	7.70	186.6 K=1.00	0.9020	-5543.70	7413.20	0.748 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

Top Girt Design Data (Compression)									
Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio P <sub>u</sub>
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
T1	150 - 140	L1 3/4x1 3/4x3/16	4.50	4.35	139.8 K=0.92	0.6211	-963.82	9100.74	0.106 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

	Inner Bracing Design Data (Compression)								
Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	$Ratio$ $P_u$
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
Т8	20 - 0	L2x2x3/16	8.00	8.00	243.7 K=1.00	0.7150	-7.39	3447.10	0.002 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

## Tension Checks

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Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	$Ratio$ $P_u$
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
T1	150 - 140	1 3/4	10.00	5.00	137.1	2.4053	3728.50	108238.00	0.034 1
T2	140 - 120	2 1/4	20.00	4.00	85.3	3.9761	65159.30	178924.00	0.364 1
Т3	120 - 100	2 1/2	20.03	4.01	76.9	4.9087	120834.00	220893.00	0.547 1
T4	100 - 80	2 3/4	20.03	4.01	69.9	5.9396	164610.00	267281.00	0.616 1
T5	80 - 60	3 1/4	20.03	5.01	74.0	8.2958	199418.00	373310.00	0.534 1
T6	60 - 40	3 1/2	20.03	5.01	68.7	9.6211	228387.00	432951.00	0.528 1
T7	40 - 20	3 1/2	20.03	5.01	68.7	9.6211	254371.00	432951.00	0.588 1
Т8	20 - 0	3 3/4	20.03	5.01	64.1	11.0447	274564.00	497010.00	0.552 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio $P_u$
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
T1	150 - 140	L2x2x3/16	6.73	3.11	63.3	0.4484	4318.81	21857.50	0.198 1
T2	140 - 120	L2x2x3/16	6.02	2.74	56.1	0.4484	7276.65	21857.50	0.333 1
Т3	120 - 100	L2x2x3/16	6.80	3.26	66.1	0.4484	5846.95	21857.50	0.268 1
T4	100 - 80	L2x2x3/16	7.80	3.75	75.7	0.4484	5812.96	21857.50	0.266 1
T5	80 - 60	L2x2x3/16	10.08	4.89	97.9	0.4484	5905.96	21857.50	0.270 1
Т6	60 - 40	L2 1/2x2 1/2x3/16	11.86	5.76	91.1	0.5886	5431.82	28694.70	0.189 <sup>1</sup>
T7	40 - 20	L2 1/2x2 1/2x3/16	15.10	7.38	116.1	0.5886	5393.33	28694.70	0.188 1
T8	20 - 0	L3x3x3/16	8.81	8.33	110.2	0.7296	6102.48	35568.50	0.172 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

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Horizontal Design Data (Tension)									
Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio P <sub>u</sub>
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
Т8	20 - 0	L2 1/2x2 1/2x3/16	16.00	7.70	121.0	0.5886	5543.70	28694.70	0.193 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

	Top Girt Design Data (Tension)								
Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio P <sub>u</sub>
	ft		ft	ft		$in^2$	lb	lb	$\phi P_n$
T1	150 - 140	L1 3/4x1 3/4x3/16	4.50	4.35	97.3	0.4658	937.79	22708.70	0.041 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

Inner Bracing Design Data (Tension)									
Section No.	Elevation	Size	L	$L_u$	Kl/r	A	$P_u$	$\phi P_n$	Ratio P
110.	ft		ft	ft		$in^2$	lb	lb	$\frac{1}{\phi P_n}$
Т8	20 - 0	L2x2x3/16	8.00	8.00	155.6	0.7150	0.96	32175.00	0.000 1

<sup>&</sup>lt;sup>1</sup>  $P_u$  /  $\phi P_n$  controls

## **Section Capacity Table**

Section	Elevation	Component	Size	Critical	P		%	Pass
No.	ft	Туре		Element	lb	lb	Capacity	Fail
T1	150 - 140	Leg	1 3/4	2	-7383.82	28890.80	25.6	Pass
		Diagonal	L2x2x3/16	9	-4389.42	19820.60	22.1	Pass
		•					49.7 (b)	
		Top Girt	L1 3/4x1 3/4x3/16	5	-963.82	9100.74	10.6	Pass
T2	140 - 120	Leg	2 1/4	20	-73281.30	105060.00	69.8	Pass
		Diagonal	L2x2x3/16	30	7276.65	21857.50	33.3	Pass
		J					82.7 (b)	
T3	120 - 100	Leg	2 1/2	53	-134495.00	143306.00	93.9	Pass
		Diagonal	L2x2x3/16	57	-5336.70	16372.90	32.6	Pass
		8					68.3 (b)	
T4	100 - 80	Leg	2 3/4	86	-182650.00	186923.00	97.7	Pass
		Diagonal	L2x2x3/16	88	-5234.19	11165.10	46.9	Pass
		8				,,,,,	65.8 (b)	
T5	80 - 60	Leg	3 1/4	119	-219923.00	250223.00	87.9	Pass

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Section	Elevation	Component	Size	Critical	P	$ olimits P_{allow} $	%	Pass
No.	ft	Туре		Element	lb	lb	Capacity	Fail
							91.4 (b)	
		Diagonal	L2x2x3/16	122	-5651.08	7174.38	78.8	Pass
T6	60 - 40	Leg	3 1/2	145	-252585.00	306641.00	82.4	Pass
		Diagonal	L2 1/2x2 1/2x3/16	149	-5507.82	10567.00	52.1	Pass
		_					63.4 (b)	
T7	40 - 20	Leg	3 1/2	172	-282265.00	306641.00	92.1	Pass
		Diagonal	L2 1/2x2 1/2x3/16	176	-5535.53	8058.42	68.7	Pass
T8	20 - 0	Leg	3 3/4	199	-305717.00	368015.00	83.1	Pass
		Diagonal	L3x3x3/16	210	-6227.26	9144.80	68.1	Pass
		_					71.1 (b)	
		Horizontal	L2 1/2x2 1/2x3/16	202	-5543.70	7413.20	74.8	Pass
		Inner Bracing	L2x2x3/16	211	-7.39	3447.10	0.4	Pass
		•					Summary	
						Leg (T4)	97.7	Pass
						Diagonal	82.7	Pass
						(T2)		
						Horizontal	74.8	Pass
						(T8)		
						Top Girt	10.6	Pass
						(T1)		
						Inner	0.4	Pass
						Bracing (T8)		
						Bolt Checks	91.4	Pass
						RATING =	97.7	Pass

 $Program\ Version\ 8.2.4.3\ -\ 1/24/2024\ File: S:/Jobs/2025/25175\ (58957,\ 150'\ SST\ Skyway-KY03075\ Flint\ Site,\ KY)/Final/Calculations/Tower/58957,\ 150'\ SST\ Skyway-KY03075\ Flint\ Site,\ KY\ Rev\ 0.eri$ 

# FOUNDATION DESIGN

Page 1 of 5 Client: Skyway Towers

 $Ped.TieWt := 0.376 \ plf$ 

CASE Job No.: 25175 Daley Job No.: 58957 Site: 150' SST KY-03075 Flint Site, KY

Date: 4-7-25 Rev: 0

#### Foundation Design

#### **Mat Footing**

#### **Design Parameters:**

Tower Info:	Footing Info:	Pedestal Info:
FaceWidth := 16.5  ft	Conc.Comp. := 4000 (psi)	No.Ped := 3
<i>V<sub>T</sub></i> := 42856 <i>lbf</i>	Width := 26  ft	Ped.Dia. := 4 ft
<i>C</i> <sub>T</sub> := 47638 <i>lbf</i>	Length := 26 <b>ft</b>	Ped.Depth := 6 <b>ft</b>
$M_T := 4293415 \ lbf \cdot ft$	$SlabDepth := 1.5 \ ft$	No.Ped.Reb := 16
$C_{Leg} := 315474 \ \textit{lbf}$	No.SlabReb := 50	Ped.Reb.Dia. := 1.0 in
$T_{Leg} := 282358 \ \textit{lbf}$	SlabReb.Dia. := 1.0 in	$Ped.Reb.Area := 0.79 in^2$
<i>V</i> <sub>Leg</sub> := 24669 <i>lbf</i>	$SlabReb.Area := 0.79 \cdot in^2$	$Ped.Reb.Wt := 2.67 \ plf$
	$SlabReb.Wt := 2.67 \ plf$	No. Couples := 7
	Offset := 1.5  ft	$Coup.Dist. := 28.9 \cdot in$

#### Design Info:

 $Ult.SoilBearing := 11900 \ psf$ 

SafFact := 1

ResistanceFactor := 0.6375

CASE Job No.: 25175 Client: Skyway Towers

Daley Job No.: 58957 Site: 150' SST KY-03075 Flint Site, KY

Date: 4-7-25 Rev: 0

#### Soil Capacity Design:

$$M_{max} := M_T + (\langle V_T \rangle (Ped.Depth + SlabDepth)) + (C_T \cdot Offset) = 4686292 \ lbf \cdot ft$$

$$\begin{split} C_{max} \coloneqq & C_T + \left( (0.9) \left( 87 \, \frac{\textit{lbf}}{\textit{ft}^3} \right) \left[ \left( Length \right) \left( Width \right) \left( SlabDepth \right) \, \downarrow \\ & + \left( No.Ped \right) \left( Ped.Dia. \right)^2 \left( \frac{\pi}{4} \right) \left( Ped.Depth \right) \right] \end{split} \\ & + \left( 0.9 \right) \left( 110 \, \frac{\textit{lbf}}{\textit{ft}^3} \right) \left( \left[ \left( Length \right) \left( Width \right) \left( Ped.Depth - 1 \, \textit{ft} \right) \, \downarrow \\ & - \left( No.Ped \right) \left( Ped.Dia. \right)^2 \left( \frac{\pi}{4} \right) \left( Ped.Depth - 1 \, \textit{ft} \right) \right] \end{split}$$

$$C_{max} = [460704]$$
 *lbf*

$$e := \frac{M_{max}}{C_{max}} = [10.17] ft$$

$$e_{l} := \left(\frac{Length}{2}\right) - e = [2.83]$$
 ft

 $Soil := (ResistanceFactor) \cdot (SafFact) \cdot Ult.SoilBearing$ 

$$q_{max} \coloneqq \frac{\left(2 \cdot C_{max}\right)}{3 \left(Length\right) \left(e_{I}\right)}$$

Results:

$$q_{max} = 4177 \ psf$$

$$Soil = 7586 \ psf$$

CASE Job No.: 25175
Daley Job No.: 58957

Date: 4-7-25

Site: 150' SST KY-03075 Flint Site, KY

Rev: 0

#### Mat Design:

$$W_{max} := q_{max} \cdot Length = 108606 \frac{lbf}{ft}$$

$$l := \frac{C_{max}}{0.5 (W_{max})} = [8.48]$$
ft

$$\Delta Pressure := \frac{W_{max}}{I} = [12801] psf$$

$$M_{at} := \left(\frac{Length}{2}\right) - \left(\frac{FaceWidth}{2}\right) \left(\frac{1.732}{3}\right) - Offset = 6.74$$
 ft

$$W_{at} := W_{max} - (\Delta Pressure) (M_{at}) = [22363] \frac{lbf}{ft}$$

$$M_{max} := (0.5) (W_{at}) (M_{at})^2 + ((0.5) (W_{max} - W_{at}) (M_{at})^2 (\frac{2}{3})$$

$$\phi M_{n} := 0.765 \text{ (No.SlabReb) (SlabReb.Area) } 60 \text{ ksi} \left( \left( \left( SlabDepth \cdot 12 \frac{\textbf{in}}{\textbf{ft}} \right) \downarrow \right) \downarrow \\ -3 \text{ in} - \left( 1.5 \cdot SlabReb.Dia. \right) \right) \\ - \frac{\left( No.SlabReb \cdot SlabReb.Area \cdot 60 \text{ ksi} \right)}{2 \cdot .85 \cdot 4 \text{ ksi} \cdot \left( Length \cdot 12 \frac{\textbf{in}}{\textbf{ft}} \right)} \right)$$

Results

$$M_{max} = [21747] \, kip \cdot in$$

$$\phi M_n = 22451 \text{ kip} \cdot \text{in}$$

Client: Skyway Towers

Site: 150' SST KY-03075 Flint Site, KY

Rev: 0

Daley Job No.: 58957 Date: 4-7-25

**CASE Job No.: 25175** 

#### Punching/Pullout

$$\phi V_{cc} := (0.6375) (4) (\sqrt{Conc.Comp.} psi) ((Ped.Dia.) + (SlabDepth)) (\pi) \cdot (SlabDepth)$$

$$\phi V_{ct} \coloneqq (0.6375) \ (4) \ \left( \sqrt{Conc.Comp.} \ \textbf{psi} \right) \left( \left( \left( Ped.Dia. - 6 \ \textbf{in} \right) \downarrow \\ + \left( SlabDepth - 6 \ \textbf{in} \right) \right) \right) \left( \pi \right) \left( SlabDepth - 6 \ \textbf{in} \right) \right)$$

Results

$$\phi V_{cc} = 601917 \ lbf$$

$$\phi V_{ct} = 328318 \ lbf$$

#### Pedestal Check

$$M_{ped} := \frac{\left(V_{Leg} \cdot Ped.Depth\right)}{1000 \frac{\textit{lbf}}{\textit{kip}}} = 1776 \; \textit{kip} \cdot \textit{in}$$

$$\phi V_c := 0.6375 \cdot 2 \cdot \left(\sqrt{Conc.Comp.} \ psi\right) \left(Ped.Dia. - 6 \ in\right)^2 \left(\frac{\pi}{4}\right) = 111719 \ lbf$$

$$\phi M_n := 0.765$$
 (No.Couples) (Ped.Reb.Area) (60 ksi) (Coup.Dist.) = 7336 kip · in

$$\phi T_n := 0.765 \text{ (No.Ped.Reb) (Ped.Reb.Area) (60000 psi)} = 580176 \text{ lbf}$$

$$Combined \coloneqq \frac{T_{Leg}}{\phi T_n} + \frac{M_{ped}}{\phi M_n}$$

Results

Combined = 0.73

Client: Skyway Towers

Site: 150' SST KY-03075 Flint Site, KY

Rev: 0

#### Rebar Weight

Date: 4-7-25

**CASE Job No.: 25175** 

Daley Job No.: 58957

Mat Rebar

Total Length of Mat Rebar

$$L_{matreb} := 2 \cdot No.SlabReb \cdot (Width - 2 \cdot 3 \ in) + 2 \cdot No.SlabReb \cdot (Length - 2 \cdot 3 \ in) = 5100 \ ft$$

Total Weight of Mat Rebar

$$W_{matreb} := L_{matreb} \cdot SlabReb.Wt = 13617$$
 **lbf**

#### Pedestal Rebar

Total Length of Longitudinal Pedestal Rebar

$$L_{pedlong} := (Ped.Depth + SlabDepth + 3 in) \cdot No.Ped.Reb \cdot No.Ped = 372 ft$$

Total Length of Pedestal Ties

$$n_{ties} := \operatorname{ceil}\left(\frac{Ped.Depth - 5 \ in}{9 \ in} + 1\right) = 9$$

$$L_{nedtie} := n_{ties} \cdot (\pi \cdot (Ped.Dia. - 6 in) + 12 in) \cdot No.Ped = 323.9 ft$$

Total Weight of Pedestal Rebar

$$W_{pedreb} := L_{pedlong} \cdot Ped.Reb.Wt + L_{pedtie} \cdot Ped.TieWt = 1115$$
 **lbf**

Total Rebar Weight

$$W_{reb} := W_{matreb} + W_{pedreb} = 14732 \ lbf$$

#### Concrete Volume

Mat Foundation  $V_{mat} := Width \cdot Length \cdot SlabDepth = 37.556 \ yd^3$ 

Pedestals  $V_{ped} := No.Ped \cdot \frac{\pi}{4} \cdot Ped.Dia.^2 \cdot Ped.Depth = 8.4 \ yd^3$ 

Total Concrete Volume  $V_{conc} := V_{mat} + V_{ped} = 45.9 \text{ yd}^3$ 

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CASE Job No.: 25175 Client: Skyway Towers

Daley Job No.: 58957 Site: 150' SST KY-03075 Flint Site, KY

Date: 4-7-25 Rev: 0

#### Foundation Design

#### **Drilled Shaft**

#### Loading Information:

Max Reaction (Down)  $C_t = 315474 \ lbf$ 

Max Reaction (Uplift)  $T_t = 282358 \ lbf$ 

Foundation Resistance Factor  $\phi_1 = 0.75$ 

Client Resistance Factor  $\phi_2 = 0.85$ 

Fall Zone Resistence Factor  $\phi_3 = 1.0$ 

#### **Shaft Information:**

Shaft Diameter D := 3 ft

Shaft Depth d = 44 ft

Shaft Projection p := 1 ft

Area of Rebar  $A_s = 0.79 \text{ in}^2$ 

Rebar Weight per Foot  $w_r = 2.670 \ plf$ 

Number of Rebar  $n_r = 16$ 

Number of Couples  $n_c = 7$ 

Avg. Distance of Couples  $d_c = 20.28 \ in$ 

Tie Rebar Area  $A_{tie} = 0.11 \ in^2$ 

Tie Rebar Weight per Foot  $w_{tie} = 0.376 \ \textit{plf}$ 

Concrete Compressive Strength  $f'_c = 4000$  psi

#### Lateral Analysis Paraemeters:

 $\Delta_{max} \coloneqq 0.165 \; \textit{in}$   $M_{max} \coloneqq 1510 \; \textit{kip} \cdot \textit{in}$   $V_{max} \coloneqq 27 \; \textit{kip}$   $T_{lat} \coloneqq \frac{T_t}{\phi_2} = 332 \; \textit{kip}$ 

Client: Skyway Towers

Site: 150' SST KY-03075 Flint Site, KY

Rev: 0

#### <u>Ultimate Soil Parameteres:</u>

CASE Job No.: 25175

Daley Job No.: 58957

Date: 4-7-25

Bearing	Tension	Compression	Depth
$q_1 \coloneqq 0 \; \textit{psf}$	$f_{T1}\!\coloneqq\!1265$ $psf$	$f_{C1}\!\coloneqq\!1265$ $psf$	$d_1\!\coloneqq\!2.5\;\boldsymbol{ft}$
$q_2 \coloneqq 0 \; \textit{psf}$	$f_{T2} \coloneqq 1450 \; \textit{psf}$	$f_{C2} = 1450 \; \textit{psf}$	$d_2\!\coloneqq\!5\;\pmb{ft}$
$q_3 \coloneqq 0$ <b>psf</b>	$f_{T3} \! \coloneqq \! 820 \; \pmb{psf}$	$f_{C3} = 820 \; \textit{psf}$	$d_3 = 5$ $ft$
$q_4 \coloneqq 0$ $\textit{psf}$	$f_{T4} \coloneqq 1580 \; \textit{psf}$	$f_{C4} = 1580 \; \textit{psf}$	$d_4\!\coloneqq\! 5~m{ft}$
$q_5\!\coloneqq\!0$ $\boldsymbol{\mathit{psf}}$	$f_{T5} \coloneqq 1550$ $psf$	$f_{C5} = 1550 \; \textit{psf}$	$d_5\!\coloneqq\! 5$ $ft$
$q_6\!\coloneqq\!0$ <b>psf</b>	$f_{T6} = 2370 \; \textit{psf}$	$f_{C6} = 2370 \; \textit{psf}$	$d_6\!\coloneqq\! 5~ extbf{\it ft}$
$q_7 \coloneqq 0 \ \textit{psf}$	$f_{T7} \coloneqq 2220$ $\pmb{psf}$	$f_{C7} \coloneqq 2220$ $\pmb{psf}$	$d_7\!\coloneqq\!5$ $ft$
$q_8\!\coloneqq\!0$ <b>psf</b>	$f_{T8} = 50 \; \textit{psf}$	$f_{C8} = 50 \; \textit{psf}$	$d_8\!\coloneqq\!5$ $ft$
$q_9 = 10450 \ \textit{psf}$	$f_{T9} \coloneqq 630 \; \textit{psf}$	$f_{C9} = 630 \; \textit{psf}$	$d_9\!\coloneqq\!0.5\; {\it ft}$
$q_{10} \coloneqq 0$ <b>psf</b>	$f_{T10} = 1870 \; \textit{psf}$	$f_{C10} \coloneqq 1870 \; \textit{psf}$	$d_{10} = 0$ $ft$

Bearing Pressure at Bottom of Shaft

$$q_{max} = 10450 \ psf$$

#### Tension Design:

Skin Frction

$$S_{T1} := f_{T1} \cdot d_1 = 3163 \frac{lbf}{ft}$$

$$S_{T2} := f_{T2} \cdot d_2 = 7250 \frac{lbf}{ft}$$

$$S_{T3} := f_{T3} \cdot d_3 = 4100 \frac{lbf}{ft}$$

$$S_{T3} := f_{T3} \cdot d_3 = 4100 \frac{lbf}{ft}$$

$$S_{T4} := f_{T4} \cdot d_4 = 7900 \frac{lbf}{ft}$$

$$S_{T5} := f_{T5} \cdot d_5 = 7750 \frac{lbf}{ft}$$

$$S_{T10} := f_{T10} \cdot d_{10} = 0 \frac{lbf}{ft}$$

Daley Job No.: 58957 Site: 150' SST KY-03075 Flint Site, KY

Date: 4-7-25 Rev: 0

$$T_{max}\!\coloneqq\!T_{t}-\left(0.9\right)\left(150\;\textit{pcf}\right)\left(D^{2}\right)\left(\frac{\pi}{4}\right)\left(p+33\;\textit{ft}\right)-\left(0.9\right)\left(87\;\textit{pcf}\right)\left(D^{2}\right)\left(\frac{\pi}{4}\right)\left(d-33\;\textit{ft}\right)=243825\;\textit{lbf}$$

$$T_{all} \coloneqq \phi_1 \cdot \phi_2 \cdot \phi_3 \cdot D \cdot \pi \cdot \left( S_{T1} + S_{T2} + S_{T3} + S_{T4} + S_{T5} + S_{T6} + S_{T7} + S_{T8} + S_{T9} + S_{T10} \right) = 322510 \ \textit{lbf}$$

#### Compression Design:

Skin Frction

**CASE Job No.: 25175** 

$$S_{C1} \coloneqq f_{C1} \cdot d_1 = 3163 \; \frac{\textit{lbf}}{\textit{ft}} \qquad \qquad S_{C6} \coloneqq f_{C6} \cdot d_6 = 11850 \; \frac{\textit{lbf}}{\textit{ft}}$$

$$S_{C2} \coloneqq f_{C2} \cdot d_2 = 7250 \; \frac{\textit{lbf}}{\textit{ft}} \qquad \qquad S_{C7} \coloneqq f_{C7} \cdot d_7 = 11100 \; \frac{\textit{lbf}}{\textit{ft}}$$

$$S_{C3} \coloneqq f_{C3} \cdot d_3 = 4100 \frac{lbf}{ft} \qquad S_{C8} \coloneqq f_{C8} \cdot d_8 = 250 \frac{lbf}{ft}$$

$$S_{C4} := f_{C4} \cdot d_4 = 7900 \frac{lbf}{ft}$$
  $S_{C9} := f_{C9} \cdot d_9 = 315 \frac{lbf}{ft}$ 

$$S_{C5} := f_{C5} \cdot d_5 = 7750 \frac{lbf}{ft} \qquad S_{C10} := f_{C10} \cdot d_{10} = 0 \frac{lbf}{ft}$$

$$C_{max} = C_t + (1.2) (40 \ pcf) (D^2) (\frac{\pi}{4}) (d+p) = 330742 \ lbf$$

$$C_f \coloneqq \phi_1 \cdot \phi_2 \cdot \phi_3 \cdot D \cdot \pi \cdot \left( S_{C1} + S_{C2} + S_{C3} + S_{C4} + S_{C5} + S_{C6} + S_{C7} + S_{C8} + S_{C9} + S_{C10} \right) = 322510 \ \textit{lbf}$$

$$C_b := \phi_1 \cdot \phi_2 \cdot \phi_3 \cdot D^2 \cdot \frac{\pi}{4} \cdot q_{max} = 47090 \ lbf$$

$$C_{all} := C_b + C_f = 369600 \ lbf$$

Daley Job No.: 58957 Site: 150' SST KY-03075 Flint Site, KY

Date: 4-7-25 Rev: 0

#### **Lateral Analysis:**

$$\text{$dV_c$} \coloneqq 0.75 \boldsymbol{\cdot} \phi_2 \boldsymbol{\cdot} \phi_3 \boldsymbol{\cdot} 2 \boldsymbol{\cdot} \sqrt{f_c'} \boldsymbol{\cdot} \boldsymbol{psi} \boldsymbol{\cdot} \left(D - 6 \ \boldsymbol{in}\right)^2 \boldsymbol{\cdot} \frac{\boldsymbol{\pi}}{4} = 57 \ \boldsymbol{kip}$$

$$\phi M_n := 0.9 \cdot \phi_2 \cdot \phi_3 \cdot n_c \cdot A_s \cdot 60 \ ksi \cdot d_c = 5148 \ kip \cdot in$$

$$\phi T_n := 0.9 \cdot \phi_2 \cdot \phi_3 \cdot n_r \cdot A_s \cdot 60 \text{ ksi} = 580 \text{ kip}$$

$$c \coloneqq \frac{T_{lat}}{{}^c\!T_n} + \frac{M_{max}}{\phi M_n} = 0.866$$

CASE Job No.: 25175 Client: Skyway Towers Page 5 of 5

Site: 150' SST KY-03075 Flint Site, KY Daley Job No.: 58957

Date: 4-7-25 Rev: 0

#### Weight of Rebar

Longitudinal Rebar

Legnth of Single Long. Rebar 
$$L_{long} := d + p - 6$$
 in = 44.5 ft

Ties

Number of Ties 
$$n_{tie} \coloneqq \operatorname{ceil}\left(\frac{\left(d+p-4\ \textit{ft}-6\ \textit{in}\right)}{2\ \textit{ft}}\right) + 6 = 27$$

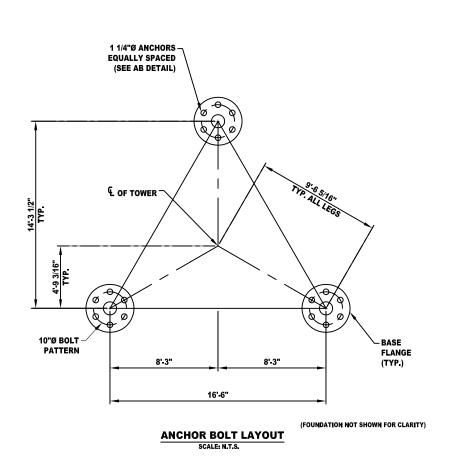
Length of Single Tie 
$$L_{tie} := \pi \cdot (D - 6 \ \textbf{in}) + 1 \ \textbf{ft} = 9 \ \textbf{ft}$$

Weight of Rebar per Shaft

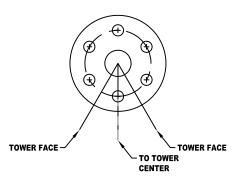
Total Rebar Weight (1 Shaft) 
$$W_{rebar} := n_r \cdot L_{long} \cdot w_r + n_{tie} \cdot L_{tie} \cdot w_{tie} = 1991 \ \textit{lbf}$$

#### Volume of Concrete

Volume of Concrete (1 Shaft) 
$$V_{conc} := \frac{\pi}{4} \cdot D^2 \cdot (d+p) = 11.78 \text{ yd}^3$$

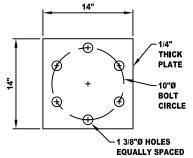


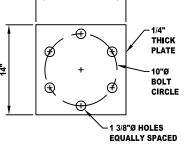
**ESTIMATED QUANTITIES** BAR NO. DESCRIPTION TOTAL LENGTH REMARKS 1 1/4"Ø SOLID ROD ASTM F1554-105 AB1 18 6'-0"



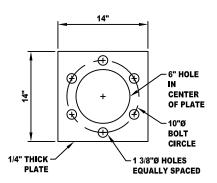
#### **ANCHOR BOLT PATTERN**

SCALE: N.T.S.

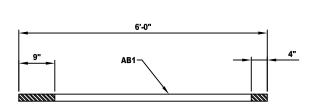








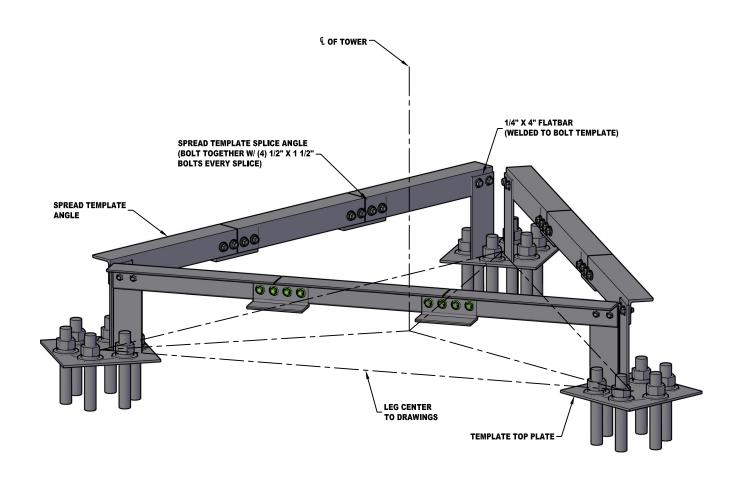
(3-REQ'D) P02 SCALE: N.T.S.



**ANCHOR BOLT DETAIL** SCALE: N.T.S.



	D					DALEY TOWER SE	RVICE, IN	c.	SKYWAY TOWERS			
	$\triangleright$					CARENCRO, LA DALEY JOB NO.: 58957		<b>((</b> ₽å− <b>)</b> )	150' SELF SUPPORTER			
	Δ								KY03075 FLINT SITE, KY			
,						ANCHOR DETAILS						
	$\triangleright$						ANCHO		OK DETAILS			
						DRAWN BY:	TPC			REV.		
	▲	4-1-25	ISSUED FOR CONSTRUCTION	TPC	MJG	DESIGNED BY:	MJG	DRAWING NO.	25175-AB01			
	NO.	DATE	REVISION DESCRIPTION	ВҮ	APPR. BY	CASE JOB NO.:	25175			▲		



#### SPREAD TEMPLATE SCALE: N.T.S.

#### **GENERAL NOTES:**

1. CONTRACTOR IS REQUIRED TO FIELD MEASURE ANCHOR BOLT CENTERS TO VERIFY CONFORMITY WITH DRAWINGS PRIOR TO POURING CONCRETE. DALEY TOWER IS NOT RESPONSIBLE IF INSTALLATION DOES NOT MATCH FOUNDATION DRAWINGS.



	Δ					DALEY TOWER SE	RVICE, IN	C. 🔵	SKYWAY TOWERS	
	Δ					CARENCRO, LA		<b>((₽å−)</b>	150' SELF SUPPORTER	
	Δ					DALEY JOB NO.: 5	DALEY JOB NO.: 58957		KY03075 FLINT SITE, KY	
•	Δ					4.0	ICHUI	BOLT SDI	READ TEMPLATE	
	Δ					ANCHOR		V BOLI 3FI	CLAD ILMIPLATE	
	$\Delta$									
	Δ					DRAWN BY:	TPC			REV.
		4-1-25	ISSUED FOR CONSTRUCTION	TPC	MJG	DESIGNED BY: MJG		DRAWING NO.	25175-AB02	
	NO.	DATE	REVISION DESCRIPTION	BY	APPR. BY	CASE JOB NO.:	25175			▲

#### **GENERAL NOTES:**

CONCRETE:

**USE TYPE 1 CEMENT** 

**ADMIXTURES - USE NO CALCIUM CHLORIDE** 

**RECOMMENDED SLUMP - 5"-7"** 

**MAXIMUM WATER/CEMENT RATIO OF 0.45** 

CONCRETE SHALL BE AIR ENTRAINED 6% (± 1.5%), IN AREAS OF POTENTIAL FREEZING

4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS

**PLACE CONCRETE PER ACI-318 CODE** 

**VIBRATE CONCRETE AT PLACEMENT** 

ALL REINFORCING STEEL TO HAVE MINIMUM OF 3" CONCRETE COVER

USE TREMIE IF REQUIRED, DO NOT DROP CONCRETE THRU WATER.

USE CASING OR SLURRY AS REQUIRED TO MAINTAIN SHAFT DIAMETER.

COLD JOINTS ARE NOT ALLOWED IN THE FOUNDATION. CONCRETE SHALL BE PLACED AS A MONOLITHIC POUR.

ESTIMATED QUANTITIES										
BAR NO. UNIT LENGTH TOTAL LENGTH LOCATION										
#3 27 12'-0" 324'-0" PEDESTAL TIES										
TOTAL #3 BARS	<b>324</b>	0" = 122 LBS								
#8	48	7' - 9"	372' - 0"	PEDESTAL LONG.						
#8 200 25' - 6" 5,100' - 0" MAT LONG.										
TOTAL #8 BARS = 5,472' - 0" = 14,610 LBS										

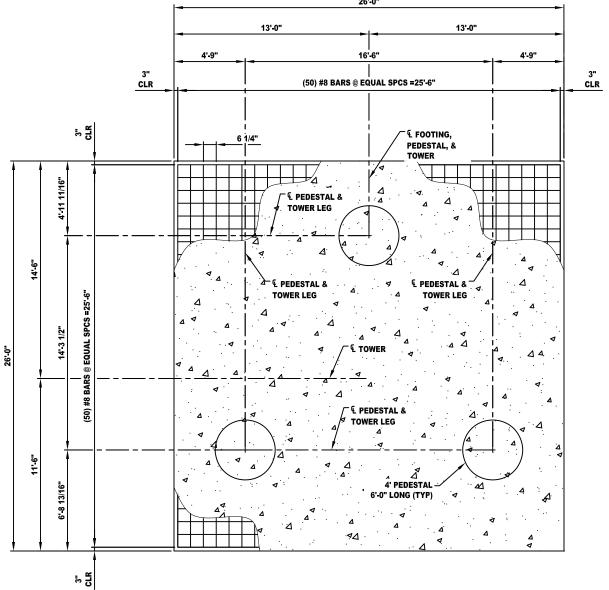
TOTAL DEFORMED REINFORCING STEEL = 14.732 LBS

TOTAL 4000 PSI STRUCTURAL CONCRETE = 45.9 CU. YDS

#### NOTE:

**ESTIMATED QUANTITIES ARE FOR INFORMATIONAL** PURPOSES ONLY AND SHOULD NOT BE USED FOR

**PURCHASING OF MATERIALS** 26'-0" 13'-0"

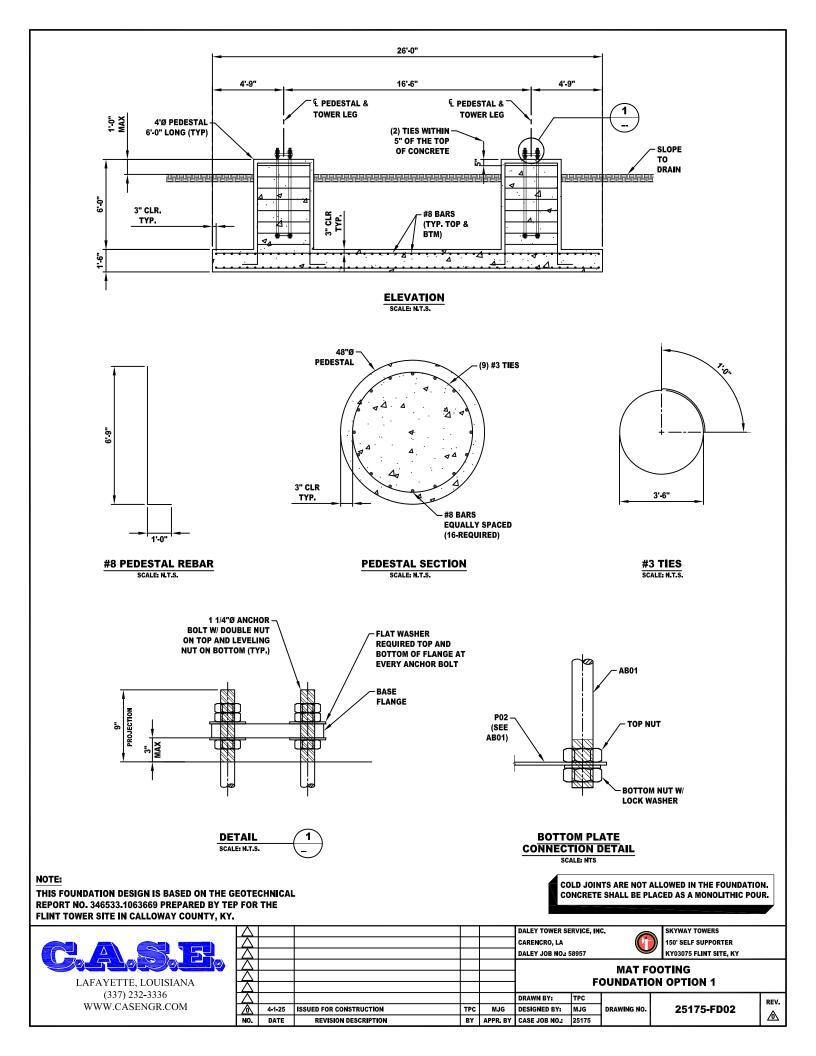


**PLAN VIEW** 

THIS FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT NO. 346533.1063669 PREPARED BY TEP FOR THE FLINT TOWER SITE IN CALLOWAY COUNTY, KY.



	$\Box$					DALEY TOWER SE	RVICE, IN	C.	SKYWAY TOWERS	
	$\square$					CARENCRO, LA		((+ <del> </del>  +-)	150' SELF SUPPORTER	
						DALEY JOB NO.: 5	DALEY JOB NO.: 58957		KY03075 FLINT SITE, KY	
<b>&gt;</b>						MAT FO		OTING		
	$\Delta$						FOUNDATION			
	$\square$								N OPTION 1	
	$\square$					DRAWN BY:	TPC			REV.
		4-1-25	ISSUED FOR CONSTRUCTION	TPC	MJG	DESIGNED BY:	MJG	DRAWING NO.	25175-FD01	
	NO.	DATE	REVISION DESCRIPTION	ву	APPR. BY	CASE JOB NO.:	25175			🕸



#### **GENERAL NOTES:**

**CONCRETE:** 

**USE TYPE 1 CEMENT** 

**ADMIXTURES - USE NO CALCIUM CHLORIDE** 

**RECOMMENDED SLUMP - 5"-7"** 

**MAXIMUM WATER/CEMENT RATIO OF 0.45** 

CONCRETE SHALL BE AIR ENTRAINED 6% (± 1.5%), IN AREAS OF POTENTIAL FREEZING

COLD JOINTS ARE NOT ALLOWED IN THE FOUNDATION.

CONCRETE SHALL BE PLACED AS A MONOLITHIC POUR.

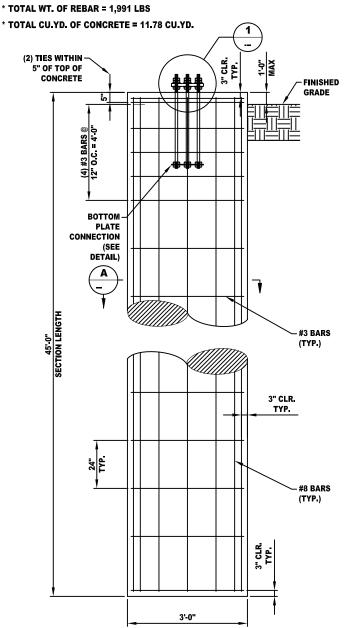
4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS

**PLACE CONCRETE PER ACI-318 CODE** 

**VIBRATE CONCRETE AT PLACEMENT** 

ALL REINFORCING STEEL TO HAVE MINIMUM OF 3" CONCRETE COVER USE TREMIE IF REQUIRED, DO NOT DROP CONCRETE THRU WATER.

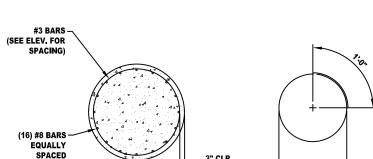
USE CASING OR SLURRY AS REQUIRED TO MAINTAIN SHAFT DIAMETER.



**SHAFT DETAILS** 

SCALE: NTS

**ESTIMATED QUANTITIES (PER SHAFT)** BAR DESCRIPTION TOTAL LENGTH ASTM A615-60 #3 TIES #3 27 9'-0" #8 LONG. REBAR 44'-6' ASTM A615-60 #8 16 AB1 6 1 1/4"Ø SOLID ROD 6'-0" ASTM F1554-105

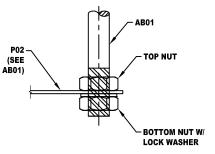


3" CLR. TYP.

**SECTION** SCALE: N.T.S.

#3 TIES SCALE: N.T.S.

1 1/4"Ø ANCHOR BOLT W/ DOUBLE NUT FLAT WASHER REQUIRED TOP AND BOTTOM OF ON TOP AND LEVELING **NUT ON BOTTOM (TYP.)** FLANGE AT **EVERY ANCHOR BOLT** BASE FLANGE MAX **DETAIL** SCALE: NTS



**BOTTOM PLATE CONNECTION DETAIL** SCALE: NTS

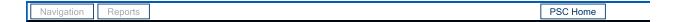
NOTE:

THIS FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT NO. 346533.1063669 PREPARED BY TEP FOR THE FLINT TOWER SITE IN CALLOWAY COUNTY, KY.



	$\frac{\triangle}{\triangle}$					DALEY TOWER SE CARENCRO, LA DALEY JOB NO.: 5	,	G. <b>(1)</b>	SKYWAY TOWERS 150' SELF SUPPORTER KY03075 FLINT SITE, KY	
<b>&gt;</b>	$\frac{\lambda}{\lambda}$								ED SHAFT ION OPTION 2	
		4-1-25	ISSUED FOR CONSTRUCTION	TPC	MJG		TPC MJG	DRAWING NO.	25175-FD03	REV.
	<u>/0\</u> NO.	DATE	REVISION DESCRIPTION	ВҮ	APPR. BY		25175	DIAMINO NO.	23 1 7 3 F D 0 3	◬

# 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** 

Search

✓ Activ ✓

Utility Utility **Utility Name** Class City State Type 1GLOBAL Operations Cellular D View 4002000 Durham NC (US) Inc. 2600Hz, Inc. dba 4111300 Cellular D Henderson NV ZSWITCH ACN Communication Services, LLC dba View Cellular D NC 4115150 Charlotte Flash Wireless dba Flash Mobile Affiniti Ventures, View 4115750 Cellular C NY New York Inc. View AFNET, LLC Cellular D 4113600 Alpharetta GΑ Air Voice Wireless, View 4108300 LLC d/b/a AirTalk Cellular A Houston TX Wireless FL View 4115200 Airespring, Inc. Cellular C Clearwater West Palm FL View 4111900 ALLNETAIR, INC. Cellular D Beach Alltel Corporation View 44451184 d/b/a Verizon Cellular A Lisle IL Wireless View 4110850 AltaWorx, LLC Cellular D AL **Fairhope** View 4107800 American Broadband Cellular D Toledo ОН and

		Telecommunications Company				
View	4108650	AmeriMex Communications Corp.	Cellular	D	Safety Harbor	FL
View	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA
View	4114250	Approved Contact LLC	Cellular	D	Reno	NV
View	4115050	Aquarius Silver LLC	Cellular	С	Sheridan	WY
View	4105700	Assurance Wireless USA, L.P.	Cellular	D	Atlanta	GA
View	4113100	BARK TECHNOLOGIES, INC.	Cellular	D	Charlotte	NC
View	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
View	4106000	Best Buy Health, Inc. d/b/a GreatCall d/b/a Jitterbug	Cellular	A	San Diego	CA
View	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
View	4107600	Boomerang Wireless, LLC	Cellular	A	Dallas	TX
View	4115500	CALL CENTERS INDIA INCORPORATED d/b/a Blueconnects	Cellular		Seattle	WA
View	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	IJ
View	4106600	Cintex Wireless, LLC	Cellular	D	Houston	TX
View	4114550	Cliq Communications LLC d/b/a Cliq Mobile	Cellular	D	Coral Gables	FL
View	4111150	Comcast OTR1, LLC	Cellular	Α	Phoeniexville	PA
View	4113550	Comlink Total Solutions Corp	Cellular	D	Fort Myers	FL
View	4101900	Consumer Cellular, Incorporated	Cellular	Α	Portland	OR
View	4112700	Cox Wireless, LLC	Cellular	D	Atlanta	GA
View	4108850	Cricket Wireless, LLC	Cellular	Α	San Antonio	TX
View	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	В	Long Island City	NY
View	4114000	Daywalker Mobile Inc.	Cellular	D	Bartlesville	ок
View	4112000	DISH Wireless L.L.C.	Cellular	Α	Englewood	CO

View         4111200         Communications, Inc.         Cellular C         Brooklyn         NY           View         4111800         Earthlink, LLC         Cellular B         Atlanta         GA           View         4101000         Rast Kentucky Network, LLC dba Appalachian Wireless         Cellular D         Ivel         KY           View         4002300         Service Company dba Easy Wireless         Cellular D         Ocala         FL           View         4109500         Enhanced Communications Group, LLC         Cellular D         Maumee         OK           View         4113800         EVOLVE WIRELESS LLC         Cellular D         Harrisburg         SD           View         4110450         Excellus Excellus Communications, LLC         Cellular D         Harrisburg         SD           View         4104800         Excest Telecom Inc.         Cellular D         Herndon         VA           View         4104800         Excest Telecom Inc.         Cellular D         Herndon         VA           View         4104800         Gobb Wireless, Inc.         Cellular D         Herndon         VA           View         4109350         Globalstar USA, LLC         Cellular D         Miami         FL           View			<u> </u>				
View       4101000       East Kentucky Network, LLC dba Appalachian Wireless       Cellular A       Ivel       KY         View       4002300       Easy Telephone Service Company dba Easy Wireless       Cellular D       Ocala       FL         View       4109500       Communications Group, LLC       Cellular D       Bartlesville       OK         View       4113800       EVOLVE WIRELESS LLC       Cellular D       Maumee       OH         View       4110450       Communications, LLC       Cellular D       Harrisburg       SD         View       4110450       Excess Telecom Inc.       Cellular D       Beverly Hills       CA         France Telecom Corporate Solutions LLC.       Cellular D       Herndon       VA         View       4104800       Corporate Solutions Cellular D       Herndon       VA         View       4109350       Global Connection Inc. of America       Cellular D       Miami       FL         View       4102200       Globalstar USA, LLC       Cellular D       Atlanta       GA         View       4109600       Google North America Inc.       Cellular D       Atlanta       GA         View       4114300       Group F Consulting, LLC       Cellular D       Monomouth America Inc.       Cellular D	View	4111200	,	Cellular	С	Brooklyn	NY
View Appalachian Myreless       4101000       Network, LLC dba Appalachian Wireless       Cellular Appalachian Wireless       Ivel       KY         View Appalachian Wireless       Easy Telephone Service Company dba Easy Wireless       Cellular D       Ocala       FL         View Appalachian Wireless       Enhanced Communications Group, LLC       Cellular D       Bartlesville OK       OK         View Appalachian Wireless Inc.       EVOLVE WIRELESS LLC       Cellular D       Maumee       OH         View Appalachian Wireless Inc.       Cellular D       Harrisburg SD       Cellular D       Miami FL       Cellular D       Miami FL       Cellular D       Cellular D       Atlanta GA       GA         View Al112850       GO TECHNOLOGY MANAGEMENT, LLC       Cellular D       Atlanta GA       Cellular D       Atlanta GA         View Al10400       Granite Telecommunications, LLC       Cellular D       Cellular D       Quincy MA       Cellular D       Cellular D       Cellular D       Cellular D       Cellular D	View	4111800	Earthlink, LLC	Cellular	В	Atlanta	GA
View View4002300Service Company dba Easy WirelessCellular DOcalaFLView4109500Enhanced Communications Group, LLCCellular DBartlesvilleOKView4113800EVOLVE WIRELESS LLCCellular DMaumeeOHView4110450Excellus Communications, LLCCellular DHarrisburgSDView4112400Excess Telecom Inc.Cellular DBeverly HillsCAView4104800Excess Telecom Corporate Solutions L.L.C.Cellular DHerndonVAView4101750Gabb Wireless, Inc.Cellular DHerndonVAView4109350Global Connection Inc. of AmericaCellular DMiamiFLView4102200Globalstar USA, LLCCellular DAtlantaGAView4112850GO TECHNOLOGY MANAGEMENT, LLCCellular DAtlantaGAView4109600Google North America Inc.Cellular DQuincyMAView4114300Group F Consulting, LLCCellular DQuincyMAView4114050Helix Wireless Inc.Cellular DMonmouth JunctionNJView4112950Hoop Wireless, LLCCellular DLakewoodNJView4103100i-Wireless, LLCCellular DNewportKYView4109800IM Telecom, LLC d/b/a Infiniti MobileCellular DPlanoTX	View	4101000	Network, LLC dba Appalachian	Cellular	A	Ivel	KY
View4109500Communications Group, LLCCellular DBartlesvilleOKView4113800EVOLVE WIRELESS LLCCellular DMaumeeOHView4110450Excellus Communications, LLCCellular DHarrisburgSDView4112400Excess Telecom Inc. Cellular DBeverly HillsCAView4104800Corporate Solutions L.L.C.Cellular DHerndonVAView4109350Global Connection Inc. of AmericaCellular DMiamiFLView4102200Globalstar USA, LLCCellular DMiamiFLView4112850GO TECHNOLOGY MANAGEMENT, LLCCellular DAtlantaGAView4109600Google North America Inc.Cellular DQuincyMAView4114300Group F Consulting, LLCCellular DQuincyMAView4114050Helix Wireless Inc.Cellular DMonmouth JunctionNJView4111350HELLO MOBILE TELECOM LLCCellular DDania Beach FLView4103100i-Wireless, LLCCellular DLakewoodNJView4103100i-Wireless, LLCCellular DNewportKYView4109800IM Telecom, LLC Global Infiniti MobileCellular DPlanoTX	View	w 4002300 Service Company (		Cellular	D	Ocala	FL
View 4112400 Excess Telecom Inc. Cellular D Harrisburg SD View 4112400 Excess Telecom Inc. Cellular D Herndon VA View 4111750 Gabb Wireless, Inc. Cellular D Herndon VA View 4109350 Global Connection Inc. of America Cellular D Miami FL View 4102200 Globalstar USA, LLC Cellular D Atlanta GA View 4112850 GO TECHNOLOGY Cellular D Atlanta GA View 4109600 Google North America Inc. Granite View 4114300 Group F Consulting, LLC View 4114300 Group F Consulting, Cellular D Monmouth Junction View 411250 Helix Wireless Inc. Cellular D Dania Beach FL View 411250 Hoop Wireless, LLC Cellular D Lakewood NJ View 411250 Hoop Wireless, LLC Cellular D Newark NJ View 411250 IDT Domestic Telecom, Inc. View 4109800 IM Telecom, LLC View 4109800 IM Telecom, LCC View 4109800 IM Telecom, LCC View 4109800 IM Telecom	View	4109500	Communications	Cellular	D	Bartlesville	ОК
View4110450Communications, LLCCellular DHarrisburgSDView4112400Excess Telecom Inc.Cellular DBeverly HillsCAView4104800France Telecom Corporate Solutions L.L.C.Cellular DHerndonVAView4111750Gabb Wireless, Inc.Cellular ALehiUTView4109350Global Connection Inc. of AmericaCellular DMiamiFLView4102200Globalstar USA, LLCCellular CCovingtonLAView4112850GO TECHNOLOGY MANAGEMENT, LLCCellular DAtlantaGAView4109600Google North America Inc.Cellular AMountain ViewCAView4114300Group F Consulting, LLCCellular DQuincyMAView4114300Helix Wireless Inc.Cellular DMonmouth JunctionNJView4114050Helix Wireless Inc.Cellular DDania Beach FLView4112950Hoop Wireless, LLCCellular DLakewoodNJView4103100i-Wireless, LLCCellular DNewportKYView4109800IM Telecom, LLC Telecom, Inc.Cellular DNewarkNJView4109800IM Telecom, LLC Telecom, Inc.Cellular DPlanoTX	View	4113800		Cellular	D	Maumee	он
View 4104800 Corporate Solutions L.L.C.  View 4111750 Gabb Wireless, Inc. Cellular A Lehi UT  View 4109350 Global Connection Inc. of America  View 4102200 Globalstar USA, LLC Cellular C Covington LA  View 4112850 GO TECHNOLOGY MANAGEMENT, LLC  View 4109600 Google North America Inc.  View 33350363 Telecommunications, Cellular D Quincy MA  View 4114300 Group F Consulting, Cellular D  View 4114300 Helix Wireless Inc.  View 4114050 Helix Wireless Inc.  View 4111350 HELLO MOBILE TELECOM LLC  View 4112950 Hoop Wireless, LLC Cellular D Dania Beach FL  View 4112950 Hoop Wireless, LLC Cellular D Lakewood NJ  View 4103100 i-Wireless, LLC Cellular D Newark NJ  View 4109800 IM Telecom, LLC Cellular D Newark NJ  View 4109800 IM Telecom, LLC Cellular D Plano TX	View	4110450	Communications,	Cellular	D	Harrisburg	SD
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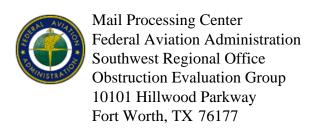
View		J Rhodes Enterprises LLC	Cellular	D	Gulf Breeze	FL
View	22215360	KDDI America, Inc.	Cellular	D	Staten Island	NY
View	10872	Kentucky RSA #1 Partnership	Cellular	А	Basking Ridge	NJ
View	4112200	Lexvor Inc.	Cellular	D	Irvine	CA
View	4111250	Liberty Mobile Wireless, LLC	Cellular	В	Sunny Isles Beach	FL
View	4114900	Liberty Wireless, LLC	Cellular	С	Rockville	MD
View	4114750	Link Mobile, Inc.	Cellular	D	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	В	Westlake Village	CA
View	4113850	MAXSIP TEL KENTUCKY LLC d/b/a Maxsip Telecom	Cellular	D	Woodmere	NY
View	4114800	Mediacom Wireless LLC	Cellular	С	Mediacom Park	NY
View		MetroPCS Michigan, LLC	Cellular	А	Bellevue	WA
View	4111700	Mint Mobile, LLC	Cellular	Α	Costa Mesa	CA
View	4115100	Mobile 13, Inc	Cellular	С	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	А	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	С	Sparks	NV
View	4109050	Patriot Mobile LLC	Cellular	В	Grapevine	TX
View	4115600	PHREELI COMPANY	Cellular	С	Lewes	DE
View	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
View	4115650	PLUG MOBILE LLC	Cellular	С	St. Louis	МО

View	33351182	PNG Telecommunications, Inc. dba PowerNet Global	Cellular	D	Cincinnati	ОН
View	4114850	Communications		С	Rockville Centre	NY
View	View 4112800 Prepaid Wireless Group, LLC dba Prepaid Wireless Wholesale		Cellular	D	Rockville	MD
View	4115550	Prepaid Wireless Wholesale of Maryland, LLC	Cellular	С	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	Α	Dania	FL
View	4108700	Ready Wireless, LLC	Cellular	D	Cedar Rapids	IA
View	4113200	Red Pocket Inc.	Cellular	D	Thousand Oaks	CA
View	4114200	Roccstar Wireless LLC	Cellular	D	Bedford	TX
View	4114700	Rocket Mobile LLC	Cellular	С	West Palm Beach	FL
View	4115400	RSCU Mobile, LLC	Cellular	С	Alpine	UT
View	4106200	Rural Cellular Corporation	Cellular	А	Basking Ridge	NJ
View	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	А	Los Angeles	CA
View	4113050	Sarver Corporation	Cellular	D	Rancho Cucamonga	CA
View	4109150	SelecTel, Inc. d/b/a SelecTel Wireless	Cellular	А	Fremont	NE
View	4110150	Spectrotel of the South LLC dba Touch Base Communications	Cellular	D	Neptune	NJ
View	4111450	Spectrum Mobile, LLC	Cellular	Α	St. Louis	МО
View	4114400	Splash Cellular Inc.	Cellular	D	Bountiful	UT
View	4111600	STX Group LLC dba Twigby	Cellular	D	Murfreesboro	TN
View	4115450	Surf Telecom, LLC	Cellular	С	Key Bixcayne	FL

View	4113450	Syntegra North	Cellular	D	Denton	TX
	1113 130	America, LLC	Centalai		Dericon	.,
View	4202200	T-Mobile Central, LLC dba T-Mobile	Cellular	A	Bellevue	WA
View	4002500	TAG Mobility, LLC d/b/a TAG Mobile	Cellular	D	Plano	TX
View	4115850	TELCO Communications LLC dba TELCO CELLULAR	Cellular	С	Oceanside	NY
View	4107200	Telefonica Global Solutions USA, Inc.	Cellular	D	Miami	FL
View	4112100	Tello LLC	Cellular	Α	Atlanta	GA
View	4108900	Telrite Corporation	Cellular	D	Covington	GA
View	4108450	Tempo Telecom, LLC	Cellular	D	Dallas	TX
	4113900	TERRACOM Inc. d/b/a Maxsip Tel	Cellular		Chattanooga	TN
View	4113950	THE LIGHT PHONE INC.	Cellular	D	Brooklyn	NY
View	4113250	Thrive Health Tech, Inc.	Cellular	D	Nashville	TN
View	4110400	Torch Wireless Corp.	Cellular	С	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	С	Stevensville	MD
View	4112250	TROOMI WIRELESS, Inc.	Cellular	D	Orem	UT
View	4114600	TruConnect Communications, Inc.	Cellular	D	Los Angeles	CA
View	4112600	Tube Incorporated dba Reach Mobile	Cellular	D	Atlanta	GA
View	4112750	Unity Wireless, Inc.	Cellular	D	Pembroke Pines	FL
View	4115800	USA Mobile LLC	Cellular	С	Laguna Beach	CA
View	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	С	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	4115700	Viva-US Communications, Inc.	Cellular	С	San Diego	CA
View	4113750	VOLT MOBILE Inc	Cellular	D	Delray Beach	FL
View	4114450	WeIncentivize LLC d/b/a ChosenWireless	Cellular	D	San Diego	CA
View	4113000	Whoop Connect Inc.	Cellular	D	Melbourne	FL
View	4115250	WHOOP MOBILE INC.	Cellular	С	Melbourne	FL
View	4106500	WiMacTel, Inc.	Cellular	D	Calgary, AB	CA
View	4110950	Wing Tel Inc.	Cellular	С	New York	NY
View	4113400	Wrazzle, Inc.	Cellular	D	New Milford	СТ
View	4113650	XCHANGE TELECOM LLC	Cellular	D	Brooklyn	NY
View	4112150	Zefcom, LLC	Cellular	С	Wichita Falls	TX

# EXHIBIT E FEDERAL AVIATION ADMINISTRATION DOCUMENTATION



Issued Date: 01/27/2025

Operations Skyway Towers, LLC 3637 Madaca Lane Tampa, FL 33618

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

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

Structure: Antenna Tower KY-03075 Flint

Location: Almo, KY

Latitude: 36-41-55.26N NAD 83

Longitude: 88-18-03.39W

Heights: 523 feet site elevation (SE)

155 feet above ground level (AGL) 678 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.** 

#### See attachment for additional condition(s) or information.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M Change 1.

This determination expires on 07/27/2026 unless:

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

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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

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

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

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

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

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

If we can be of further assistance, please contact our office at (817) 222-5928, or chris.smith@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-ASO-20659-OE.

Signature Control No: 637153700-645300507

(DNE)

Chris Smith Specialist

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

cc: FCC

#### Additional information for ASN 2024-ASO-20659-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.

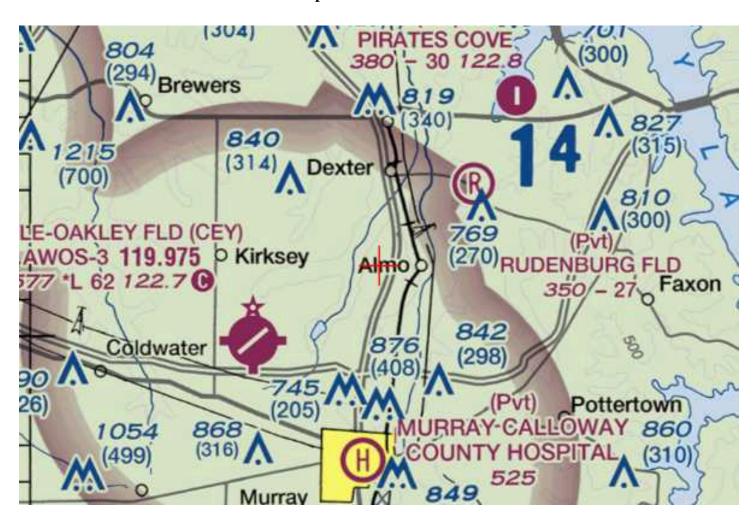
Any future changes that are not consistent with the parameters listed in the FAA 5G C band compatibility evaluation process will void this determination of no hazard.

LOW	HIGH	FREQUENCY	EDD	ERP
FREQUENCY	FREQUENCY	UNIT	ERP	UNIT
6	7	GHz	42	dBW
6	7	GHz	55	dBW
10	11.7	GHz	55 55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W
3550	3700	MHz	47	dBm
3700	3980	MHz	1640	W
3700	3980	MHz	3280	W
27500	28350	MHz	75	dBm
29100	29250	MHz	75 	dBm
31000	31225	MHz	75 7.5	dBm
31225	31300	MHz	75	dBm

75

#### TOPO Map for ASN 2024-ASO-20659-OE





#### **EXHIBIT F**

### KENTUCKY AIRPORT ZONING COMMISSION DOCUMENTATION

#### **Carrie Torrey**

From: Airport Zoning Commission <AirportZoning@ky.gov>

Sent:Wednesday, January 29, 2025 10:27 AMTo:Carrie Torrey; Airport Zoning CommissionSubject:KAZC Permit not Required - RE: KY-03075 FlintAttachments:KY-03075 Flint - KAZC TC 55-2 filed 01 29 25.pdf

Carrie,

Thank you for checking on this location and height.

The location and height is not in KAZC's jurisdiction, and no KAZC Permit/Approval is required.

#### **Aeronautical Study Result**

#### The structure is not in KAZC's jurisdiction and does not require a permit.

Structure's Coordinates: 36°41'55.26"N, 88°18'3.39"W

Structure's Height: 155 ft.

User-submitted ground elevation is 523 ft.

DEM's ground elevation is 522.74 ft (KYAPED 2-FT DEM Phase 2).

Contact us if you have any questions.

#### Regards,



#### **Anthony Adams**

KY AIRPORT ZONING COMMISSION, ADMINISTRATOR

Department of Aviation
90 Airport Road, Bldg 400
Frankfort, Kentucky 40601
(502) 564-0151 office
(502) 330-4022 mobile
Airport Zoning Commission | KYTC

From: Carrie Torrey < <a href="mailto:ctorrey@skywaytowers.com">ctorrey@skywaytowers.com</a> Sent: Wednesday, January 29, 2025 9:42 AM

To: Airport Zoning Commission < Airport Zoning@ky.gov>

Subject: KY-03075 Flint

\*\*CAUTION\*\* PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.

#### Good morning,

Please see attached TC 55-2 form to review our proposed tower site in Almo, Calloway County, KY. Let me know if you have any questions or need additional information. Thank you for your assistance.

**Carrie Torrey** 

## EXHIBIT G GEOTECHNICAL REPORT

Date: March 17, 2025

Carrie Torrey Skyway Towers LLC 3637 Madaca Lane Tampa, Florida 33618 (813) 960-6200



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

Subject: Subsurface Exploration Report

Skyway Towers Designation: Site Number: KY-03075
Site Name: Flint

Engineering Firm Designation: TEP Project Number: 346533.1063669

Site Data: Stonecrop Drive, Almo, KY 42020 (Calloway County)

Latitude N36° 41' 55.3", Longitude W88° 18' 3.4" 150 Foot – Proposed Self Supporting Tower

Carrie Torrey,

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

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

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

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

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

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

Respectfully submitted by:

Andrew T. Haldane, P.E.

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- Table 2 Drilled Shaft Foundation Design Parameters
- 5.3) Modulus of Subgrade Reaction
- 6) SEISMIC SITE CLASS
- 7) SOIL RESISTIVITY
- 8) CONSTRUCTION CONSIDERATIONS SHALLOW FOUNDATION
  - 8.1) Excavation
  - 8.2) Dewatering/Foundation Evaluation/Subgrade Preparation
  - 8.3) Fill Placement and Compaction
  - 8.4) Reuse of Excavated Soil
- 9) CONSTRUCTION CONSIDERATIONS DRILLED SHAFTS
- 10) SITE PHOTOGRAPHS
- **APPENDIX A**

**Boring Layout** 

**APPENDIX B** 

**Boring Log** 





#### 1) PROJECT DESCRIPTION

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

#### 2) SITE EXPLORATION

The field exploration included the performance of one soil test boring (B-1). The boring was advanced to the planned depth of 50 feet below ground surface (bgs) at the approximate location of the proposed self supporting tower. The boring was performed by a track mounted drill rig using continuous flight hollow stem augers to advance the hole. Split-spoon samples and Standard Penetration Test (SPT) resistance values (N-values) were obtained in accordance with ASTM D1586 at a frequency of four samples in the top 10 feet and two samples in every 10 feet thereafter.

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

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

#### 3) SITE CONDITIONS

The site is located at Stonecrop Drive in Almo, Calloway County, Kentucky. The proposed tower and compound are to be located in grassy field. The ground topography is relatively level.

#### 4) SUBSURFACE CONDITIONS

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

#### 4.1) Soil

The USCS classification of the soils encountered in the boring include CL, SM, GP, and ML. The Standard Penetration Resistance ("N" Values) recorded in the subsurface materials range from 3 blows per foot of penetration to 20 blows with 3 inches of penetration.

#### 4.2) Rock

Rock was not encountered in the boring. Refusal of auger advancement was not encountered in the boring.

#### 4.3) Subsurface Water

Subsurface water was encountered at a depth of 33.5 feet (bgs) in the boring at the time of drilling. It should be noted the subsurface water level will fluctuate during the year due to seasonal variations, precipitation events and construction activity in the area.

#### 4.4) Frost

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





#### 5) TOWER FOUNDATION ANALYSIS

Based on the boring data, it is the opinion of TEP that a pier for each leg extending to a single large mat foundation, an individual pier and spread footing for each leg or a single drilled shaft for each leg can be used to support the new tower. The following presents TEP's conclusions and recommendations regarding the foundation types.

#### 5.1) Shallow Foundation

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

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

Table 1 – Shallow Foundation Design Parameters

Depth (feet)			Gross		Friction	Effective	
Тор	Bottom	Subsurface Material	Ultimate Bearing <sup>1,2</sup> (psf)	Cohesion <sup>1</sup> (psf)	Angle <sup>1</sup> (degrees)	Unit Weight (pcf)	Friction Factor
0	1.7	CL <sup>3</sup>	7000	1050	-	110	0.30
1.7	3.5	CL	11900	2100	-	110	0.30
3.5	6	CL	11900	1725	-	110	0.30
6	8.5	CL	18650	2900	-	113	0.30
8.5	13.5	CL	18650	2650	-	113	0.30

#### Notes:

- 1) These values should be considered ultimate soil parameters.
- 2) Bearing values consider a foundation width ranging from 8 to 40 feet and less than 1 inch of total settlement.
- 3) Values have been modified to account for strength losses due to freeze/thaw cycles.

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





#### 5.2) Drilled Shaft Foundation

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

Table 2 – Drilled Shaft Foundation Design Parameters

Depth (feet)			Gross Ultimate	Ultimate Side	Cohesion <sup>1</sup>	Friction	Effective Unit
Тор	Bottom	Subsurface Material	Bearing <sup>1</sup> (psf)	Frictional Resistance <sup>1</sup> (psf)	(psf)	Angle <sup>1</sup> (degrees)	Weight (pcf)
0	1.7	CL <sup>2</sup>	6425	570	1050	-	110
1.7	3.5	CL	14275	1150	2100	-	110
3.5	6	CL	12725	940	1725	-	110
6	8.5	CL	22950	1590	2900	-	113
8.5	13.5	CL	21850	1450	2650	-	113
13.5	18.5	SM	22725	820	-	33	113
18.5	23.5	GP	71000	1580	-	45	118
23.5	28.5	GP	59175	1550	-	37	118
28.5	33.5	GP	4325	2370	-	45	118
33.5	38.5	GP <sup>3</sup>	1075	2220	-	39	55
38.5	43.5	CL <sup>3</sup>	900	50	100	-	41
43.5	48.5	ML	10450	630	1150	-	50
48.5	50	CL	31900	1870	3500	-	55

#### Notes:

- 1) These values should be considered ultimate soil parameters.
- 2) Values have been modified to account for strength losses due to freeze/thaw cycles.
- 3) TEP does not recommend bearing foundations within the identified layers due to soft materials encountered.

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





#### 5.3) Modulus of Subgrade Reaction

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

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

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

Where;

 $q_a$  = Allowable Bearing Capacity (ksf)

SF = Factor of Safety

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

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

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

#### 6) SEISMIC SITE CLASS

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

#### 7) SOIL RESISTIVITY

Soil resistivity testing was performed at the TEP laboratory in accordance with ASTM G57 (Standard Test Method for Measurement of Soil Resistivity Using the Four Electrode Soil Box Method). The test results indicate a resistivity of 3,200 ohm-cm in the near-surface soils. It should be noted that soil resistivity will fluctuate during the year due to seasonal variations, precipitation events and depth below surface.





#### 8) CONSTRUCTION CONSIDERATIONS - SHALLOW FOUNDATION

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

#### 8.1) Excavation

The boring data indicates excavation to the expected subgrade level for the shallow foundation will extend through clay. A large, tracked excavator should be able to remove the materials with moderate difficulty.

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

#### 8.2) Dewatering/Foundation Evaluation/Subgrade Preparation

As subsurface water was encountered at a depth of 33.5 feet (bgs) during the subsurface exploration, dewatering will not likely be required. However, should subsurface water be encountered during construction, it can likely be controlled with the use of a sump and pump system and/or trenches. Dewatering components should be placed to not interfere with the placement of backfill materials and/or concrete foundations and should be utilized to keep the localized water table below the bottom of any excavation.

After dewatering and excavation to the design elevation for the footing, the materials should be evaluated by a Geotechnical Engineer or a representative of the Geotechnical Engineer prior to reinforcement and concrete placement. This evaluation should include probing, shallow hand auger borings and dynamic cone penetrometer testing (ASTM STP 399) to help verify that suitable residual material lies directly under the foundation and to determine the need for any undercut and replacement of unsuitable materials. Loose surficial material should be compacted in the excavation prior to reinforcement and concrete placement to stabilize surface soil that may have become loose during the excavation process. TEP recommends a 6-inch layer of compacted dense-graded stone be placed just after excavation to aid in surface stability.

#### 8.3) Fill Placement and Compaction

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

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

#### 8.4) Reuse of Excavated Soil

The clay that meets the above referenced criteria can be utilized as backfill based on dry soil and site conditions at the time of construction.





#### 9) CONSTRUCTION CONSIDERATIONS - DRILLED SHAFTS

Based on TEP's experience, a conventional drilled shaft rig (Hughes Tool LDH, or equivalent) can be used to excavate to the termination depth of TEP's boring. An earth auger can typically penetrate the materials encountered to the termination depth of the boring with moderate to high difficulty. Special excavation equipment may be necessary for a shaft greater that 60-inches in diameter.

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

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





Due to the subsurface water the gravel, the contractor may elect to utilize the "slurry" method for shaft construction. The following are general procedure recommendations in drilled shaft construction using the "slurry" method:

- 1) Slurry drilled shafts are constructed by conventional caisson drill rigs excavating beneath a drilling mud slurry. Typically, the slurry is introduced into the excavation after the water table has been penetrated and/or the soils on the sides of the excavation are observed to be caving-in. When the design shaft depth is reached, fluid concrete is placed through a tremie pipe at the bottom of the excavation.
- 2) The slurry level should be maintained at a minimum of 5 feet or one shaft diameter, whichever is greater, above the subsurface water level.
- 3) Inspection during excavation should include verification of plumbness, 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 prior to concreting.
- 4) A removable steel casing may be installed in the shaft to prevent caving of the excavation sides due to excavation disturbance and soil relaxation. Loose soils in the bottom of the shaft should be removed.
- 5) The specific gravity or relative density of the drilling mud slurry should be monitored from the initial mixing to the completion of the excavation. An increase in the specific gravity or density of the drilling slurry by as much as 10 percent is indicative of soil particles settling out of the slurry onto the bottom of the excavation. This settling will result in a reduction of the allowable bearing capacity of the bottom of the drilled shaft.
- 6) After approval, the drilled shaft should be concreted as soon as practical using a tremie pipe.
- 7) For slurry drilled shafts, the concrete should have a 6- to 8-inch slump prior to discharge into the tremie. The bottom of the tremie should be set at about one tremie pipe diameter above the excavation. A closure flap at the bottom of the tremie should be used, or a sliding plug introduced into the tremie before the concrete, to reduce the potential for the concrete being contaminated by the slurry. The bottom of the tremie must be maintained in concrete during placement, which should be continuous.
- 8) The protective steel casing should be extracted as concrete is placed. A head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the casing.

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





#### **10) SITE PHOTOGRAPHS**



Boring Location During Drilling Activities



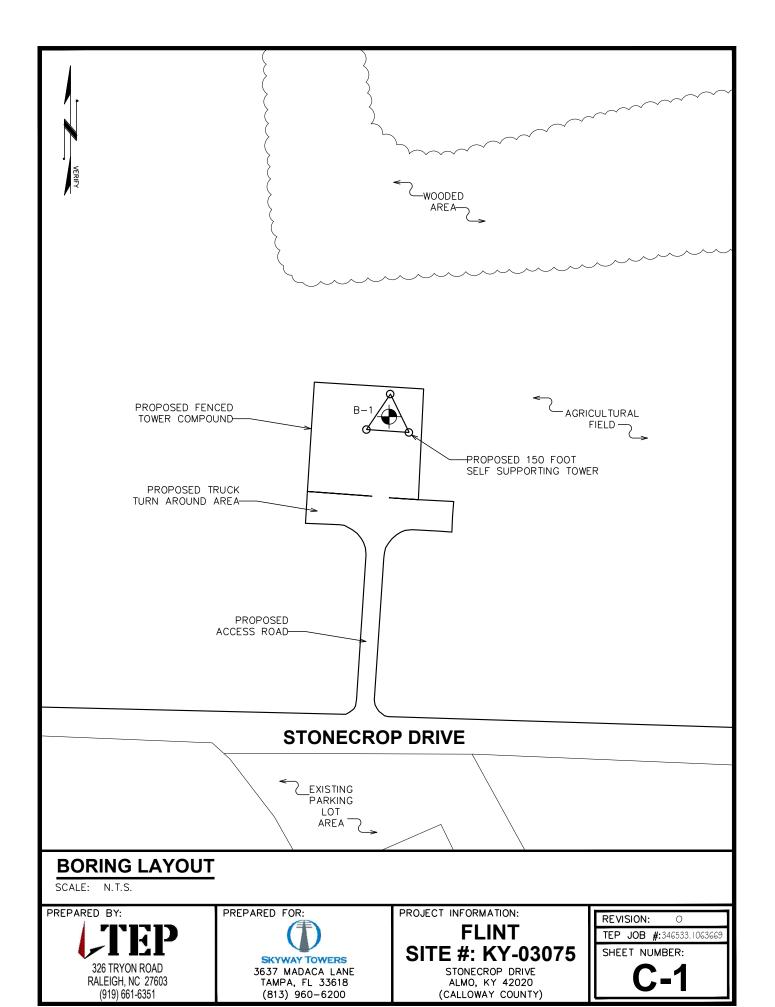
Boring Location Following Drilling Activities





# APPENDIX A BORING LAYOUT





APPENDIX B
BORING LOG



## 326 Tryon Road Raleigh, NC 27603 919.661.6351

#### **LOG OF BORING B-1**

1 of 1

PROJECT geotech@tepgroup.net **Flint KY-03075** 346533 DRILLING METHOD HOLE SIZE CITY, STATE 3/3/2025 **Mud Rotary** 3.25 in Almo, Kentucky DATE COMPLETE HAMMER WEIGHT/FALL HAMMER TYPE TOTAL DEPTH 3/3/2025 140lbs / 30in **Auto Hammer** 50.0 FT TMG STR-174 CHECKED BY DEPTH/EL. GROUNDWATER GROUND EL. LOGGED BY **∑** 33.5/ ATD **RAB JDL** Grout BORING LOCATION At the approximate location of the proposed tower NUMBER SAMPLE LENGTH (INCHES) BLOW COUNTS (N) SAMPLE GRAPHIC **USCS GRAPHIC** UNCONFINED STRENGTH, PSF UNIT WEIGHT PCF POCKET PEN TSF REC% / RQD% ELEVATION (FEET) DEPTH (FEET) DESCRIPTION AND CLASSIFICATION REMARKS SAMPLE 0.0-0.6: Topsoil - 7 inches 0.6-3.5: Stiff, brown, lean CLAY (CL), trace sand, S1 18 3-4-5 2.8 silt, and rootlets, moist (9)3.5-6.0: to medium stiff 2-4-4 S2 18 2.2 (8) 6.0-8.5: to stiff, reddish yellow, sandy, no rootlets S3 18 2-6-9 3.4 (15)8.5-13.5: to very stiff, trace gravel, micaceous S4 18 4-8-8 2.9 10 (16)13.5-18.5: Medium dense, brown, fine to coarse, S5 18 3-7-8 silty SAND (SM), with gravel, trace clay, moist (15)15 S6 9 15-20/3" 18.5-33.5: Very dense, brown, fine to coarse, poorly graded GRAVEL (GP), trace clay and silt, 20 S7 11.9 6-20/6" 25 S8 15 15-16-15/3" 30 10-25/6" Driller Note: Water on S9 33.5-38.5: to no clay, wet 11.9 spoon from 33.5 to 45 feet bgs 38.5-43.5: Soft, reddish yellow, gravelly lean S10 18 7-1-2 0.1 CLAY (CL), with sand, trace silt, wet 40 (3) 43.5-48.5: Very stiff, yellowish brown, SILT (ML), S11 4-8-14 1.7 18 few gravel, trace sand, micaceous, wet 45 (22)48.5-50.0: Hard, dark gray, lean CLAY (CL), with S12 5 15 6-15-15/3" sand, micaceous, wet 50.0: Boring Terminated



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

#### Key to Soil Symbols and Terms

#### TERMS DESCRIBING CONSISTENCY OR CONDITION

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

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

Very Dense

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

**SPT Blow Count Descriptive Terms** 

Very Soft < 2 Soft 2 to 4 Medium Stiff 5 to 8 Stiff 9 to 15 Very Stiff 16 to 30 Hard > 30

#### **GENERAL NOTES**

- 1. Classifications are bases on the Unified Soil Classification System and include consistency, moisture, and color. Field descriptions have been modified to reflect results of laboratory tests where deemed appropriate.
- 2. Surface elevations are based on topographic maps and estimated locations and should be considered approximate.
- 3. Descriptions on these boring logs apply only at the specific boring locations and at the time the borings were made. They are not guaranteed to be representative of subsurface condition at other locations or

	Group Symbols	Typical Names	Sampler Symbols
	GW	Well-graded gravels, gravel-sand mixtures, little or no fines	Split Spoon
5000	GP	Poorly-graded gravels, little or no fines/sands	Standard Penetration Test (SPT)
	GM	Silty gravels, gravel-sand-silt mixtures	Pushed Shelby Tube
	GC	Clayey gravels, gravel-sand-silt mixtures	Auger Cuttings
	SW	Well-graded sands, gravelly sands, little or no fines	Grab Sample
	SP	Poorly-graded sands, little or no fines/sands/gravels	Dynamic Cone Penetrometer
	SM	Silty sands, sand-silt mixtures	Hand Auger
	sc	Clayey sands, sand-clay mixtures	Rock Core
	ML	Inorganic silts and very fine sands, rock floor, silty or clayey fine sands or clayey silts with slight plasticity	Log Abbreviations
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	ATD - At Time of Drilling
	OL	Organic silts and organic silty clays of low plasticity	AD - After Drilling  EOD - End of Drilling
	МН	Inorganic silts, micaceous or distomaceous fine sandy or silty soils, elastic silts	RMR - Rock Mass Rating
	СН	Inorganic clays of high plasticity, fat clays	WOH - Weight of Hammer  WOR - Weight of Rod
	ОН	Organic clays of medium to high plasticity, organic silts	REC - Rock Core Recovery
77 77 77 77	PT	Peat and other highly organic soils	RQD - Rock Quality Designation

# Information Regarding This **Subsurface Exploration Report**

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

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

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

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

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

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



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

# EXHIBIT H DIRECTIONS TO WCF SITE

#### **Driving Directions to Proposed Tower Site**

- 1. Beginning at 312 N. 4<sup>th</sup> Street, Murray, KY, head north on State Hwy 2075 / N 4<sup>th</sup> Street toward Spruce Street and travel approximately 1.9 miles.
- 2. Turn right onto US-641 N and travel approximately 4.1 miles.
- 3. Turn right onto KY-464 E / Almo Road, and travel approximately 151 feet.
- 4. Turn left onto Stonecrop Drive and travel approximately 486 feet.
- 5. Arrive at site on the left.
- 6. The site coordinates are 36° 41' 55.263" North latitude, 88° 18' 03.393" West longitude.



Prepared by: Chris Shouse Pike Legal Group PLLC 1578 Highway 44 East, Suite 6 P.O. Box 369 Shepherdsville, KY 40165-3069

Telephone: 502-955-4400 or 800-516-4293

# EXHIBIT I COPY OF REAL ESTATE AGREEMENT

Book: 1474 Name: GENERAL Antonia Faulkner Calloway COUNTY 10/7/2024, 1:04:53 PM DC: Rita Kelso Pages:456 - 460 (5)



RK

#### Prepared by and Return to:

Skyway Towers, LLC 3637 Madaca Lane Tampa, FL 33618

Attn: Property Management, Prepared by Joseph P. Knisell

State: KENTUCKY County: CALLOWAY APN: 0247-0-0100-H

#### MEMORANDUM OF AGREEMENT

This Memorandum of Agreement is entered into on this 23<sup>rd</sup> day of September, 2024, by and between Welch Concrete Products, LLC, a Kentucky limited liability corporation having a mailing address of 6580 US Hwy 641 North, Almo, Kentucky 42020 (hereinafter referred to as "Landlord"), and Skyway Towers, LLC, a Delaware limited liability company, having a mailing address of 3637 Madaca Lane, Tampa, Florida 33618 (hereinafter referred to as "Tenant").

- 1. Landlord and Tenant entered into a certain Communication Facility Lease ("Agreement") on the 23<sup>rd</sup> day of September 2024, for the purpose of installing, operating, and maintaining a Communications Tower Facility and other improvements. The property is more fully described in **Exhibit 1** attached hereto and made a part hereof (the "**Property**"). All of the foregoing is set forth in the Agreement.
- 2. The initial term will be five (5) years ("Initial Term") commencing on the Commencement Date, with ten (10) successive five (5) year renewal options.
- 3. In the event Landlord receives a bona fide written offer to sell, assign or transfer Landlord's interest under the Agreement and/or the Landlord's rights to receive rents under the terms of the Agreement (the "Rental Stream Offer"), Tenant retains a right of first refusal to match the Rental Stream Offer.
- 4. This Memorandum of Agreement is not intended to amend or modify, and shall not be deemed or construed as amending or modifying, any of the terms, conditions, or provisions of the Agreement, all of which are hereby ratified and affirmed.
- 5. In the event of a conflict between the provisions of this Memorandum of Agreement and the provisions of the Agreement, the provisions of the Agreement shall control.
- 6. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

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

#### "LANDLORD"

Welch Concrete Products, LLC. a Kentucky limited liability corporation

Title: Member 9-12-20

#### LANDLORD ACKNOWLEDGMENT

I CERTIFY that on \_ \_\_\_\_, 2024, Bret A. Welch personally came before me and acknowledged under oath that he or she:

- is the Member of Welch Concrete Products, LLC, a Kentucky limited liability (a) corporation, the corporation named in the attached instrument,
- (b) is authorized to execute this instrument on behalf of the corporation and

executed the instrument as the act of the corporation. (c)

[Affix Notary Seal]

My Commission Expires: 11-

#### "LANDLORD"

Welch Concrete Products, LLC, a Kentucky limited liability corporation

Print Name: Kyle R. Welch

Title: Member

Date: 9-12-2024

#### LANDLORD ACKNOWLEDGMENT

STATE OF MENTICLY ) SS.

COUNTY OF CAMPINAL )

I CERTIFY that on \_\_\_\_\_\_\_, 2024, Kyle R. Welch personally came before me and acknowledged under oath that he or she:

- (a) is the Member of Welch Concrete Products, LLC, a Kentucky limited liability corporation, the corporation named in the attached instrument,
- (b) is authorized to execute this instrument on behalf of the corporation and
- (c) executed the instrument as the act of the corporation.

[Affix Notary Seal]

Notary Public, State of Kentucky

Print Name: Jacquelyn M. We My Commission Expires: 11-18-24

[TENANT ACKNOWLEDGMENT AND SIGNATURE FOLLOW ON NEXT PAGE]



#### "TENANT"

Skyway Towers, LLC, a Delaware limited liability company

Print Name: Scott M. Behuniak

Its: President / COO Date: 9/23/24

#### TENANT ACKNOWLEDGMENT

STATE OF FLORIDA	)
	) ss
COUNTY OF HILLSBOROLIGH	1

The foregoing instrument was acknowledged before me this 35 day of 2024, by Scott M. Behuniak, as President / COO of Skyway Towers, LLC, a Delaware limited liability company, on behalf of the company, who appeared and is personally known to me

[Affix Notary Seal]

SARA M. BENSON
Notary Public - State of Florida
Commission # HH 298050
My Comm. Expires Aug 14, 2026
Bonded through National Notary Assn.

Notary Public State of Florida

Print Name: Saa M BenSan

My Commission Expires: 2-14-

## EXHIBIT 1 DESCRIPTION OF THE PROPERTY

The Property is situated approximately at 102 Stonecrop Drive, in Almo, in the County of Calloway, in the State of Kentucky 42020, and is described as follows:

APN: 0247-0-0100-H

ALL THAT PARCEL OF LAND, IN THE COUNTY OF CALLOWAY AND COMMONWEALTH OF KENTUCKY AS MORE FULLY DESCRIBED IN DEED BOOK 1141, PAGE 691 AND BOOK 246 PAGE 317 AND PARCEL # 0247-0-0100-H, BEING KNOWN AND DESIGNATED AS:

\* PARCEL "F" OF CURRENT DEED COPY ATTACHED FOR LEGAL DESCRIPTION \*

FOR INFORMATIONAL PURPOSES ONLY: MORE COMMONLY KNOWN AS: 102 STONECROP DRIVE, ALMO, KY 42020

Parcel ID(s): 0247-0-0100-H

BEING THE SAME PROPERTY ACQUIRED BY WELCH CONCRETE PRODUCTS, LLC, A KENTUCKY LIMITED LIABILITY COMPANY BY DEED OF ROBERT P. WELCH AND BEVERLY J. WELCH, HUSBAND AND WIFE, DATED 07/06/2017 AND RECORDED 07/07/2017 IN BOOK 1141 PAGE 691

BEING THE SAME PROPERTY ACQUIRED BY TOMMY MILLER AND WIFE, ROSEMARY MILLER BY DEED OF EVELYN SMITH, ONE-FIFTH INTEREST, ROGER RIDGEWAY, ONE-FIFTH INTEREST, LUCILLE ROSS, ONE-FIFTH INTEREST, MAURELLE NANCE, ONE-FIFTH INTEREST, AND JOHN CLENDENON, ONE-FIFTH INTEREST, DATED 01/07/1997 AND RECORDED 01/08/1997 IN BOOK 246 PAGE 317

Source of of Title Commitment: Issuing Agent: AMC Settlement Services Commitment Number: 50034354 Loan#: KY-03075-01 Flint

Effective Date: August 22, 2024 County: Calloway

Skyway Site ID: KY-03075-01 Flint MOA

### **EXHIBIT J**

NOTIFICATION LIST PVA RECORDS PROOF OF NOTICE

#### Flint - Notice List

#### 047-0-0100-H & 047-0-0100-E

WELCH CONCRETE PRODUCTS, LLC 6580 US HWY 641 NORTH ALMO, KY 42020

#### 047-0-0100

PITTMAN JAMES CLIFTON & GINGER RAE 3829 NEW PROVIDENCE RD HAZEL, KY 42049

#### 047-0-0100-F

RMC PROPERTY LLC 326 WELLS PURDOM DR ALMO, KY 42020

#### 047-0-0099 & 047-0-0099-TR

FRY KEITH & NORMA JEAN 324 STONECROP DRIVE ALMO, KY 42020

#### 048-0-0008

JACKSON JOEL 355 STONECROP DRIVE ALMO, KY 42020

#### 048-0-0007 & 048-0-0007-A

BIRDSONG COREY LEE 67 STONECROP DRIVE ALMO, KY 42020

#### 048-0-0005-F

WILSON PROPERTIES 2111 US HWY 641 NORTH MURRAY, KY 42071

#### 048-0-0005-P

WILSON TIMOTHY D & GREG WILSON 2111 US HWY 641 NORTH MURRAY, KY 42071

#### 048-0-0005-U

TIBALDI ARTHUR JAMES 157 ALMO ROAD ALMO, KY 42020

#### 048-0-0006 & 048-0-0005-G & 048-0-0005-G-TR

AHART PATRICIA GAYLE 144 ALMO ROAD ALMO, KY 42020

#### 048-0-0009-A

MCCOMBS RENTALS LLC 255 4TH STREET HARDIN, KY 42048

#### 038-0-0054

WELCH BRET ALLAN & JACQUELYN 506 WEST FORK ROAD MURRAY, KY 42071

#### 047-0-0100-B

FREDERICK JOHN M & FREDERICK LINDA M 80 WEST FORK ROAD ALMO, KY 42020

#### 047-0-0100-G

GARLAND SHEILA & LAMB KAREN 1311 N 4TH STREET MURRAY, KY 42071

Homestead Application

#### **Religious Application**

Skip to mainRedigeous Application

#### Vehicle Affidavit

## Calloway County, KY PVA

#### **Parcel Summary**

Parcel Number 047-0-0100-H Account Number 212583 Location Address \*47-31 Description \*47-31

(Note: Not to be used on legal documents)

Class FARM (20) Tax District 10-County

View Map

#### **Owner Information**

WELCH CONCRETE PRODUCTS LLC

#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
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
Shane		Information Source	

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
7/1/2017	\$0	1141	691	WELCH CONCRETE PRODUCTS LLC	WELCH PAUL
1/2/1997	\$180,681	246	531	WELCH PAUL	MILLER TONY
1/1/1997	\$180.681	246	317	MILLER TONY	CLENDENON JOHN ET AL

#### **Valuation**

	Working Value
+ Land Value	\$1
+ Improvement Value	\$0
= Total Taxable Value	\$1
- Exemption Value	\$0
= Net Taxable Value	\$1
+ Land FCV	\$1
+ Improvement FCV	\$0
= Total FCV	\$1
Exemption	Homestead: No

#### **Recent Sales In Area**

# Sale date range: From: 01/01/2007 To: 03/14/2025 Sales by Parcel Group Distance: 1500 Feet ✓ Sales by Distance

No data available for the following modules: Improvements, Photos, Sketches.

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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 047-0-0100 Account Number 212575

Location Address STONECROP DRIVE STONECROP DRIVE Description

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10) 10-County

Tax District

#### View Map

#### **Owner Information**

PITTMAN JAMES CLIFTON & GINGER RAE 3829 NEW PROVIDENCE RD HAZEL, KY 42049

#### Skip to main content ation

Condition Plat Book/Page Subdivision	None	Topography Drainage Flood Hazard	Not Used None
Calloway County, K	Y PVA	Zoning	Residential
Block		Electric	No
Acres	7.09	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	308840	Sidewalks	No
Shape	None	Information Source	

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
9/27/2023	\$125,000	1432	381	PITTMAN JAMES CLIFTON & GINGER RAE	GIBSON ERIC & THENIA
10/27/2021	\$75,000	1341	355	GIBSON ERIC & THENIA	GARLAND SHEILA ET AL
12/3/2019	\$0	1235	711	GARLAND SHEILA ET AL	GARLAND SHEILA ET AL
2/2/2018	\$0	1163	384	GARLAND SHEILA ET AL	CLENDENON JOHN & ET AL
12/1/1985	\$0			CLENDENON JOHN & FT AL	

#### **Valuation**

	Working Value
+ Land Value	\$125,000
+ Improvement Value	\$0
= Total Taxable Value	\$125,000
- Exemption Value	\$0
= Net Taxable Value	\$125,000
	·

Homestead: No Exemption

#### **Recent Sales In Area**

# Sale date range: From: 01/01/2007 To: 03/14/2025 Sales by Parcel Group Distance: 1500 Feet ✓ Sales by Distance

No data available for the following modules: Improvements, Photos, Sketches.

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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 047-0-0100-F Account Number 212581 Location Address 30 ALMO ROAD Description 30 ALMO ROAD

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10)

Tax District 10-County

Skip to main content

View Map

#### **Owner Information**

### Calle Way County, KY PVA

ALMO, KY 42020

#### **Land Information**

Condition	Good	Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	1.38	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	60112	Sidewalks	No
Shape		Information Source	

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
7/9/2024	\$50,000	1463	382	RMC PROPERTY LLC	RMC PROPERTY LLC
7/9/2024	\$1,677	1463	378	RMC PROPERTY LLC	HOWARD FRANCES NANCE
12/3/2019	\$0	1235	711	HOWARD FRANCES NANCE &	HOWARD FRANCES NANCE
2/2/2018	\$0	1163	374	HOWARD FRANCES NANCE	NANCE JOHN NED JR
2/1/1994	\$5,000			NANCE JOHN NED JR	JOHN CLENDENON ET
2/1/1994	\$5,000	199	385	CLENDENON JOHN	NANCE MAURELLE
1/1/1900	\$0			JOHN CLENDENON ET	

#### Valuation

Working Value
\$50,000
\$0
\$50,000
\$0
\$50,000

Exemption Homestead: No

#### **Recent Sales In Area**

# Sale date range: From: 01/01/2007 To: 03/14/2025 Sales by Parcel Group Distance: 1500 Feet ✓ Sales by Distance

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Homestead Application

#### **Religious Application**

Skip to main Redingious Application

#### Vehicle Affidavit

## Calloway County, KY PVA

#### **Parcel Summary**

Parcel Number 047-0-0100-E Account Number 212580 Location Address \*47-31 Description \*47-31

(Note: Not to be used on legal documents) Class FARM (20)

**Tax District** 10-County

View Map

#### **Owner Information**

WELCH CONCRETE PRODUCTS LLC

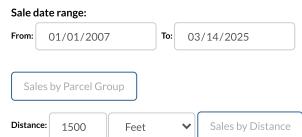
#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
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	

#### **Valuation**

	Working Value
+ Land Value	\$1
+ Improvement Value	\$0
= Total Taxable Value	\$1
- Exemption Value	\$0
= Net Taxable Value	\$1
+ Land FCV	\$1
+ Improvement FCV	\$0
= Total FCV	\$1
Exemption	Homestead: No

#### **Recent Sales In Area**



 $\textbf{No data available for the following modules:} \ Improvements, Sales \ Information, Photos, Sketches.$ 

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#### Calloway County, KY PVA

#### Homestead\Disability Exemption Form

Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 047-0-0099 Account Number 212573

Location Address324 STONECROP DRIVEDescription324 STONECROP DRIVE

(Note: Not to be used on legal documents)

Class FARM (20) Tax District 10-County

View Map



#### **Owner Information**

FRY KEITH & NORMA JEAN 324 STONECROP DRIVE ALMO, KY 42020

#### **Land Information**

Condition	Good	Topography	Rolling
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	18.02	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	784951	Sidewalks	No
Shane	None	Information Source	

#### Improvements

Duilding North au	1	Kitchens	1
Building Number	_		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	0	Full Baths	2
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	7
Number of Stories	0	Living Sq Ft	2,123
Exterior	Aluminum	Basement Sq Ft	1517
Foundation	Concrete Block	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
<b>Building Condition</b>	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	Natural Gas
Basement Finish	All Finished	Heat Type	None
Basement Size	BS-None	Air Conditioning	Y
Garage/Carport	DO MORE	AC/Type	Central
Garage/Carport		AC/ Type	Central

Garage Size Garage Type Garage Exterior Width 0 Length 0 Garage Sq Ft 0 Pool None Pool Size 0 Tennis Courts None		Special Improvements Fire Alarm Sprinklers Porch/Deck Porch Sq Ft Deck Sq Ft Concrete Sq Ft Farm Bldg Type Value Driveway Fence	N N N Open 160 140 0 \$0.00 Unimproved
Building Condition New Roof Type RY-Nor Roof Cover RF-Nor Roof Pitch RP-Nor Basement Type Basement Finish None Basement Size BS-Nor Garage/Carport Garage Size 2 Car	e/Standard ne ne ne ne ne ne ne	Kitchens Dining Rooms Living Rooms Family Rooms Bedrooms Full Baths Half Baths Other Rooms Total Rooms Living Sq Ft Basement Sq Ft Fireplaces Water Supplemental Heat Mobile Home Model Mobile Home Manufacturer MH Skirt Foundation Heat Heat Source Heat Type Air Conditioning AC/Type Special Improvements Fire Alarm Sprinklers Porch/Deck Porch Sq Ft Deck Sq Ft Concrete Sq Ft Farm Bldg Type Value Driveway	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 N None None N None N None N O O O O O O O O O O O O O O O O O O

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
10/1/1976	\$0			WILLIAM A JONES	WILLIAM A JONES
10/1/1976	\$0	156	1465	FRY KEITH	WILLIAM A JONES

#### Valuation

	Working Value
+ Land Value	\$11,500
+ Improvement Value	\$91,000
= Total Taxable Value	\$102,500
- Exemption Value	(\$49,100)
= Net Taxable Value	\$53,400
+ Land FCV	\$80,000
+ Improvement FCV	\$91,000
= Total FCV	\$171,000
Exemption	Homestead: Yes - \$49,100

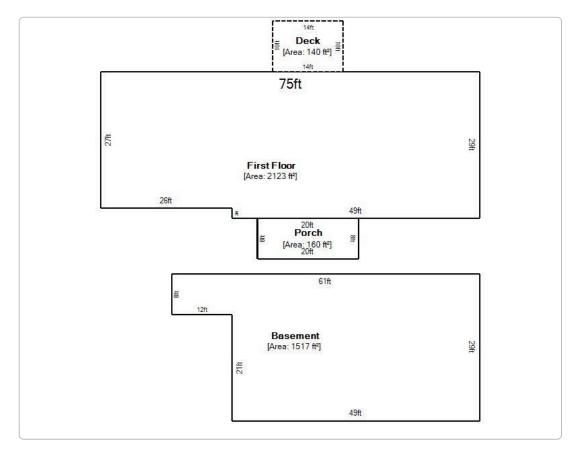
#### **Photos**

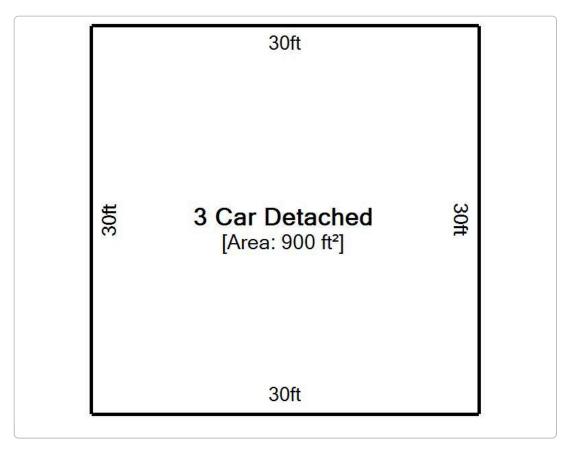






#### **Sketches**





#### **Recent Sales In Area**



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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### Skippancel Sutminary

Parcel Number 047-0-0099-TR 236854 Account Number

# Class STONECROP DRIVE COMMA (Note: Not to be used on legal documents)

**Tax District** 10-County

Map Not Available



#### **Owner Information**

FRY KEITH & NORMA JEAN 324 STONECROP DRIVE ALMO, KY 42020

#### **Land Information**

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	

#### **Improvements**

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	0	Full Baths	Ö
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	351
Exterior	None	Basement Sq Ft	0
Foundation	None	Fireplaces	Ö
Construction Type	None	Water	N
Construction Quality	Tione	Supplemental Heat	None
Building Condition	None	Mobile Home Model	None
Roof Type	RY-None	Mobile Home Manufacturer	
Roof Cover	RF-None	MH Skirt Foundation	None
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	DO MORE	AC/Type	None
Garage, Carport		AC, 17PC	140110

Garage Size		Special Improvements	Ν
Garage Type		Fire Alarm	Ν
Garage Exterior		Sprinklers	N
Width	27	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	\$0.00
		Driveway	
		Fence	0

#### **Valuation**

+ Land Value	\$38,000
+ Improvement Value	\$0
= Total Taxable Value	\$38,000
- Exemption Value	\$0
= Net Taxable Value	\$38,000

Exemption Homestead: No

#### **Photos**



#### **Recent Sales In Area**

#### Sale date range:

From: 01/01/2007 To: 03/14/2025

Sales by Parcel Group

No data available for the following modules: Sales Information, Sketches.

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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### Skippancel Sutminary

Parcel Number 048-0-0008 Account Number 212650

Californ Address \*48-20 ounty, KY PVA (Note: Not to be used on legal documents)

Class FARM (20) Tax District 10-County

View Map



#### **Owner Information**

JACKSON JOEL

#### **Land Information**

Condition	None	Topography	Not Used
Plat Book/Page		Drainage	None
Subdivision		Flood Hazard	
Lot		Zoning	
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	None	Information Source	

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
6/1/1974	\$0			DAVID E CRICK	DAVID E CRICK
6/1/1974	\$0	153	2591	JACKSON JOEL	DAVID E CRICK

#### **Valuation**

	Working Value
+ Land Value	\$1
+ Improvement Value	\$0
= Total Taxable Value	\$1
- Exemption Value	\$0
= Net Taxable Value	\$1
+ Land FCV	\$1
+ Improvement FCV	\$0
= Total FCV	\$1
Exemption	Homestead: No

#### **Photos**



#### **Recent Sales In Area**



No data available for the following modules: Improvements, Sketches.

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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

 Parcel Number
 048-0-0007-A

 Account Number
 212649

 Location Address
 \*48-7

 Description
 \*48-7

(Note: Not to be used on legal documents)

Class COMMERCIAL (40)
Tax District 10-County

Skip to main content

View Map

### Calloway County, KY PVA



#### **Owner Information**

BIRDSONG COREY LEE HANG RECORD , HANG RECO

#### **Land Information**

Condition Plat Book/Page		Topography Drainage	Not Used
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	0.00	Water	No
Front	108	Gas	No
Depth	100	Sewer	No
Lot Size	108×100	Road	
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	

#### Improvements

Description         BUILDING         Dining Rooms         0           Residence Type         None         Living Rooms         0           Comm Type         Services Auto Repair/Service Cntr         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         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Fireplaces         0           Construction Type         None         Water         None           Construction Quality         Fair/Economy         Supplemental Heat         None           Roof Type         RY-None         Mobile Home Model         Mobile Home Model           Roof Cover         RF-Asphalt Shingles         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         None           Basement Type         BT-None	Building Number	1	Kitchens	0
Residence Type         None         Living Rooms         0           Comm Type         Services Auto Repair/Service Cntr         Family Rooms         0           Mobile Home Type         Services Auto Repair/Service Cntr         Family Rooms         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         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Water         N           Construction Type         None         Water         None           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         Mobile Home Model           Roof Type         RY-None         Mobile Home Manufacturer         MI Skirt Foundation           Roof Pitch         RP-Low         Heat	-	BUILDING		-
Comm Type         Services Auto Repair/Service Cntr         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         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Water         N           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         None           Roof Type         RF-Asphalt Shingles         MH Skirt Foundation         Rof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat         None         None	•	None		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         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Water         N           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         None           Roof Type         RY-None         Mobile Home Manufacturer         Roof Pitch         RP-Asphalt Shingles         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None		Services Auto Repair/Service Cntr	•	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         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Fireplaces         0           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         None           Roof Type         RY-None         Mobile Home Manufacturer         ROF           Roof Cover         RF-Asphalt Shingles         MH Skirt Foundation         None           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	,,		•	-
Ave. Wall Height         0         Other Rooms         0           Structure         None         Total Rooms         0           Number of Stories         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Fireplaces         0           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         None           Roof Type         RY-None         Mobile Home Manufacturer         ROF           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None		0	Full Baths	0
Structure         None         Total Rooms         0           Number of Stories         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Fireplaces         0           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         Mobile Home Manufacturer           Roof Type         RF-Asphalt Shingles         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	Effective Age	0	Half Baths	0
Number of Stories         1         Living/Office/Manuf Sq Ft         0/0/0           Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Fireplaces         0           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         Mobile Home Manufacturer           Roof Type         RY-None         Mobile Home Manufacturer           Roof Cover         RF-Asphalt Shingles         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	Ave. Wall Height	0	Other Rooms	0
Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Fireplaces         0           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         Mobile Home Manufacturer           Roof Type         RF-Asphalt Shingles         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	Structure	None	Total Rooms	0
Exterior         Concrete Block         Basement Sq Ft         0           Foundation         None         Fireplaces         0           Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         Mobile Home Manufacturer           Roof Type         RF-Asphalt Shingles         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	Number of Stories	1	Living/Office/Manuf Sq Ft	0/0/0
Construction Type         None         Water         N           Construction Quality         Fair/Economy         Supplemental Heat         None           Building Condition         Poor         Mobile Home Model         None           Roof Type         RY-None         Mobile Home Manufacturer         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	Exterior	Concrete Block	-	0
Construction Quality Building Condition       Fair/Economy       Supplemental Heat       None         Roof Type       RY-None       Mobile Home Model       Wobile Home Manufacturer         Roof Cover       RF-Asphalt Shingles       MH Skirt Foundation         Roof Pitch       RP-Low       Heat       N         Basement Type       BT-None       Heat Source       None	Foundation	None	Fireplaces	0
Building Condition     Poor     Mobile Home Model       Roof Type     RY-None     Mobile Home Manufacturer       Roof Cover     RF-Asphalt Shingles     MH Skirt Foundation       Roof Pitch     RP-Low     Heat     N       Basement Type     BT-None     Heat Source     None	Construction Type	None	Water	N
Building Condition     Poor     Mobile Home Model       Roof Type     RY-None     Mobile Home Manufacturer       Roof Cover     RF-Asphalt Shingles     MH Skirt Foundation       Roof Pitch     RP-Low     Heat     N       Basement Type     BT-None     Heat Source     None	Construction Quality	Fair/Economy	Supplemental Heat	None
Roof Cover         RF-Asphalt Shingles         MH Skirt Foundation           Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	- ,	· ·	• •	
Roof Pitch         RP-Low         Heat         N           Basement Type         BT-None         Heat Source         None	Roof Type	RY-None	Mobile Home Manufacturer	
Basement Type BT-None Heat Source None	Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
	Roof Pitch	RP-Low	Heat	N
Basement Finish None Heat Type None	Basement Type	BT-None	Heat Source	None
	Basement Finish	None	Heat Type	None
Basement Size BS-None Air Conditioning N	Basement Size	BS-None	Air Conditioning	N
Garage/Carport AC/Type None	Garage/Carport		AC/Type	None

Garage Size		Special Improvements	Ν
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	\$0.00
		Driveway	
		Fence	0

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor	
10/1/1979	\$10,000			JOE HAL & JOHNNY KNIGHT	JOE HAL & JOHNNY KNIGHT	
10/1/1979	\$10,000	160	1211	BIRDSONG MARGIE	JOE HAL & JOHNNY KNIGHT	

#### Valuation

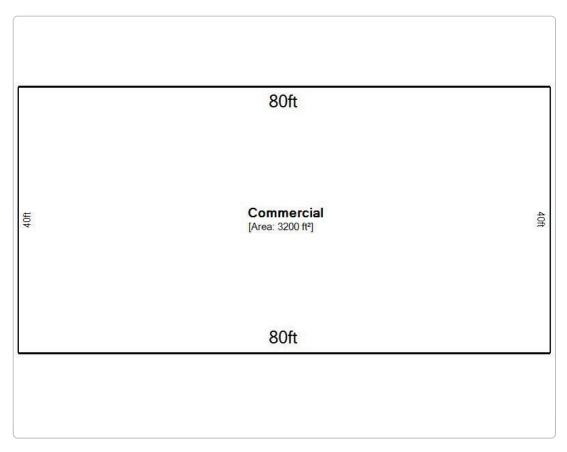
	Working Value
+ Land Value	\$1
+ Improvement Value	\$0
= Total Taxable Value	\$1
- Exemption Value	\$0
= Net Taxable Value	\$1

Exemption Homestead: No

#### **Photos**



#### **Sketches**



#### **Recent Sales In Area**



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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 048-0-0007 Account Number 212648

 Location Address
 67 STONECROP DRIVE

 Description
 48-7,7A 67 STONECROP DRIVE

 (Note: Not to be used on legal documents)

Class RESIDENTIAL (10)

Tax District 10-County

Skip to main content
View Map

## Calloway County, KY PVA



#### **Owner Information**

BIRDSONG COREY LEE 67 STONECROP DRIVE ALMO, KY 42020

#### **Land Information**

Condition	Good	Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	5.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	217800	Sidewalks	No
Shape		Information Source	

#### Improvements

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	0	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	0	Living Sq Ft	1,074
Exterior	Composition	Basement Sq Ft	0
Foundation	Post & Pier	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
<b>Building Condition</b>	Poor	Mobile Home Model	
Roof Type	RY-Gable	Mobile Home Manufacturer	
Roof Cover	RF-Asphalt Shingles	MH Skirt Foundation	
Roof Pitch	RP-None	Heat	Υ
Basement Type	BT-None	Heat Source	None
Basement Finish	Unfinished	Heat Type	Stove/Space Htr
Basement Size	BS-None	Air Conditioning	N
Garage/Carport		AC/Type	None

Garage Size Garage Type Garage Exterior Width Length Garage Sq Ft Pool Pool Size Tennis Courts	0 0 0 None 0 None	Special Improvements Fire Alarm Sprinklers Porch/Deck Porch Sq Ft Deck Sq Ft Concrete Sq Ft Farm Bldg Type Value Driveway Fence	N N N None 220 0 0 \$0.00 Gravel
Building Number Description Residence Type Comm Type Mobile Home Type Year Built Effective Age Ave. Wall Height Structure Number of Stories Exterior Foundation Construction Type Construction Quality Building Condition Roof Type Roof Cover Roof Pitch Basement Type Basement Type Basement Finish Basement Size Garage/Carport Garage Size Garage Type Garage Exterior Width Length Garage Sq Ft Pool Pool Size Tennis Courts	None Services Auto Repair/Service Cntr  0 0 0 None 1 None None None None Pair/Economy Good/Average RY-None RF-Asphalt Shingles RP-None BT-None None None None Concrete Block 80 40 0	Kitchens Dining Rooms Living Rooms Living Rooms Bedrooms Bedrooms Full Baths Half Baths Other Rooms Total Rooms Living/Office/Manuf Sq Ft Basement Sq Ft Fireplaces Water Supplemental Heat Mobile Home Model Mobile Home Manufacturer MH Skirt Foundation Heat Heat Source Heat Type Air Conditioning AC/Type Special Improvements Fire Alarm Sprinklers Porch/Deck Porch Sq Ft Deck Sq Ft Concrete Sq Ft Farm Bldg Type Value Driveway	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
7/29/2020	\$150,000	1265	536	BIRDSONG COREY LEE	BIRDSONG TIMOTHY & WILLIAM CHRIS
7/29/2020	\$150,000	1265	533	BIRDSONG TIMOTHY & WILLIAM CHRIS	BIRDSONG TIMOTHY ET AL
7/29/2020	\$0	1265	530	BIRDSONG TIMOTHY ET AL	BIRDSONG MARGIE &
12/1/1987	\$5,000			RITA KNIGHT	RITA KNIGHT
12/1/1987	\$5,000	171	1356	BIRDSONG MARGIE &	RITA KNIGHT

#### Valuation

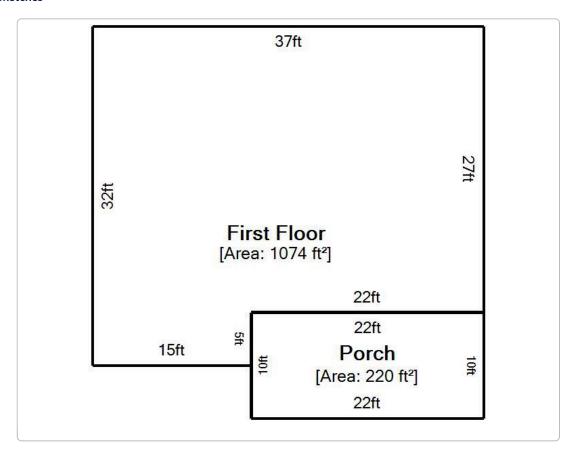
	Working Value
+ Land Value	\$150,000
+ Improvement Value	\$0
= Total Taxable Value	\$150,000
- Exemption Value	\$0
= Net Taxable Value	\$150,000

Exemption Homestead: No

#### **Photos**



#### **Sketches**



#### **Recent Sales In Area**



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Homestead Application

#### **Religious Application**

Skip to main Redingious Application

#### Vehicle Affidavit

## Calloway County, KY PVA

#### **Parcel Summary**

Parcel Number 048-0-0005-F Account Number 212633 Location Address \* 47-32B

Description

(Note: Not to be used on legal documents) Class COMMERCIAL (40)

**Tax District** 10-County

View Map

#### **Owner Information**

WILSON PROPERTIES

#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
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	

#### **Valuation**

Working Value
\$1
\$0
\$1
\$0
\$1
-

Exemption Homestead: No

#### **Recent Sales In Area**



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## Calloway County, KY PVA

#### Homestead\Disability Exemption Form

Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 048-0-0005-P Account Number 212641 Location Address ALMO ROAD Description ALMO ROAD

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10)

Tax District 10-County

View Map

#### **Owner Information**

WILSON TIMOTHY D & GREG WILSON 2111 US HWY 641 NORTH MURRAY, KY 42071

#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	3.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	130680	Sidewalks	No
Shane		Information Source	

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
8/15/2006	\$60,000			TATE JAMES E JR	MORTON MONTY & BRANDEI
8/15/2006	\$100,000			TATE JAMES E JR	TATE JAMES E JR
8/15/2006	\$100,000	657	83	WILSON TIMOTHY D & GREG WILSON	TATE JAMES E JR

#### **Valuation**

	Working Value
+ Land Value	\$100,000
+ Improvement Value	\$0
= Total Taxable Value	\$100,000
- Exemption Value	\$0
= Net Taxable Value	\$100,000

Exemption Homestead: No

#### **Recent Sales In Area**

# Sale date range: From: 01/01/2007 To: 03/14/2025 Sales by Parcel Group Distance: 1500 Feet ✓ Sales by Distance

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Developed by

SCHNEIDER

Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 048-0-0005-U **Account Number** 212645 Location Address ALMO ROAD ALMO ROAD Description

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10) Tax District 10-County

Skip to main content

View Map



## Calloway County, KY PVA

#### **Owner Information**

TIBALDI ARTHUR JAMES 157 ALMO ROAD ALMO, KY 42020

#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.79	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	34499	Sidewalks	No
Shape		Information Source	

#### **Improvements**

۰	nprovements			
	Building Number	1	Kitchens	1
	Description	HOUSE	Dining Rooms	0
	Residence Type	None	Living Rooms	1
	Comm Type		Family Rooms	0
	Mobile Home Type		Bedrooms	0
	Year Built	2015	Full Baths	0
	Effective Age	0	Half Baths	0
	Ave. Wall Height	0	Other Rooms	0
	Structure	None	Total Rooms	2
	Number of Stories	0	Living Sq Ft	1,150
	Exterior	None	Basement Sq Ft	0
	Foundation	None	Fireplaces	0
	Construction Type	None	Water	N
	Construction Quality		Supplemental Heat	None
	<b>Building Condition</b>	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

Description   GARAGE   Dining Rooms   O	Garage Size Garage Type Garage Exterior Width Length Garage Sq Ft Pool Pool Size Tennis Courts	0 0 0 None 0 None	Special Improvements Fire Alarm Sprinklers Porch/Deck Porch Sq Ft Deck Sq Ft Concrete Sq Ft Farm Bldg Type Value Driveway Fence	N N Open 0 230 0 \$0.00
Fence 0	Description Residence Type Comm Type Mobile Home Type Year Built Effective Age Ave. Wall Height Structure Number of Stories Exterior Foundation Construction Type Construction Quality Building Condition Roof Type Roof Cover Roof Pitch Basement Type Basement Type Basement Finish Basement Size Garage/Carport Garage Size Garage Type Garage Exterior Width Length Garage Sq Ft Pool Pool Size	GARAGE None  2013 0 0 None 0 None 0 None None None RY-None RY-None RF-None RF-None RF-None Garage 2 Car Detached Garage None 0 0 2400	Dining Rooms Living Rooms Family Rooms Bedrooms Full Baths Half Baths Other Rooms Total Rooms Living Sq Ft Basement Sq Ft Fireplaces Water Supplemental Heat Mobile Home Model Mobile Home Manufacturer MH Skirt Foundation Heat Heat Source Heat Type Air Conditioning AC/Type Special Improvements Fire Alarm Sprinklers Porch/Deck Porch Sq Ft Deck Sq Ft Concrete Sq Ft Farm Bldg Type Value Driveway	0 0 0 0 0 0 0 0 0 0 0 0 0 0 N None None None None None None None No

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor	
6/27/2011	\$2,500			MORTON MONTY & BRANDEI	MORTON MONTY & BRANDEI	
6/27/2011	\$2,500	879	666	TIBALDI ARTHUR JAMES	MORTON MONTY & BRANDEI	

#### Valuation

Working Value
\$50,000
\$0
\$50,000
\$0
\$50,000

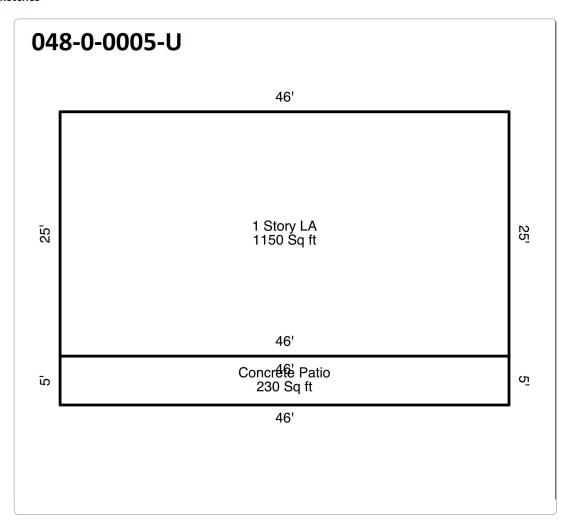
Exemption Homestead: No

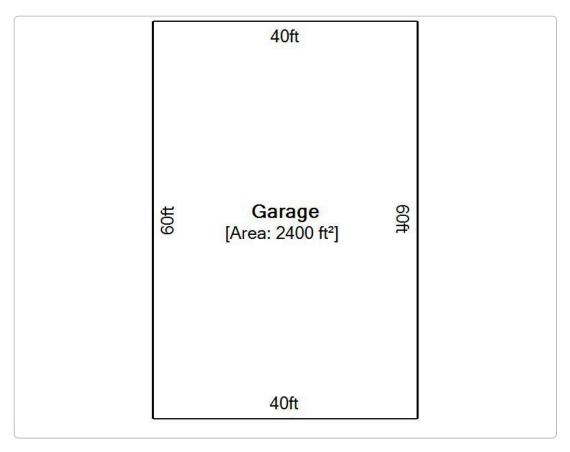
#### **Photos**





#### **Sketches**





#### **Recent Sales In Area**



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## Calloway County, KY PVA

#### Homestead\Disability Exemption Form

Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 048-0-0006 Account Number 212647 Location Address \*48-5G

Description

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10)

Tax District 10-County

#### View Map

AHART PATRICIA GAYLE

,



#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
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	

#### Valuation

	Working Value
+ Land Value	\$1
+ Improvement Value	\$0
= Total Taxable Value	\$1
- Exemption Value	\$0
= Net Taxable Value	\$1

#### **Photos**

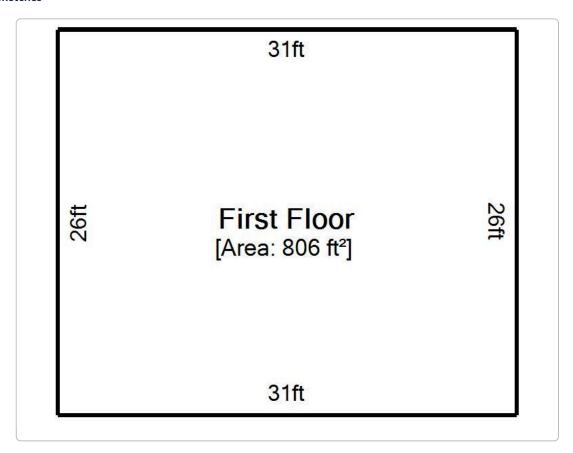
Exemption

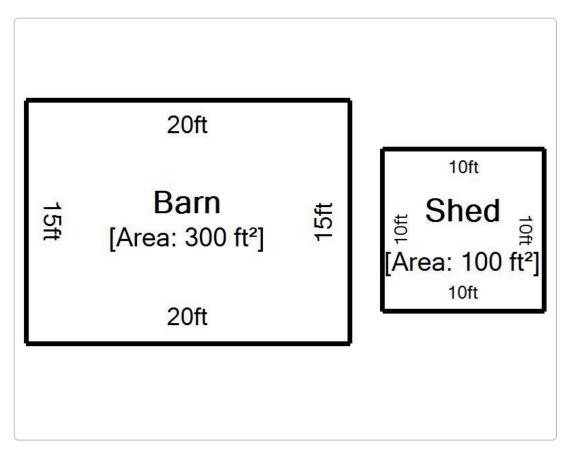
Homestead: No





#### **Sketches**





#### **Recent Sales In Area**



No data available for the following modules: Improvements, Sales Information.

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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 048-0-0005-G Account Number 212634 Location Address 144 ALMO ROAD

48-5G,5H,6 144 ALMO ROAD INC MH Description

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10)

Tax District 10-County

Skip to main content

View Map

AHART PATRICIA GAYLE 144 ALMO ROAD

## Calloway County, KY PVA

#### **Land Information**

Condition	Good	Topography	Rolling
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	0.00	Water	No
Front	96	Gas	No
Depth	110	Sewer	No
Lot Size	96x110	Road	2 Lane
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	

#### Improvements

•			
<b>Building Number</b>	1	Kitchens	1
Description	HOUSE	Dining Rooms	0
Residence Type	Single Family	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	0	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	1 Story	Total Rooms	2
Number of Stories	0	Living Sq Ft	806
Exterior	Brick Veneer	Basement Sq Ft	0
Foundation	Concrete Block	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
<b>Building Condition</b>	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	Υ
Basement Type	BT-None	Heat Source	None
Basement Finish	Unfinished	Heat Type	Radiant/Wall
Basement Size	BS-None	Air Conditioning	Υ
Garage/Carport		AC/Type	Wall Units
Garage Size		Special Improvements	N
Garage Type		Fire Alarm	N
Garage Exterior		Sprinklers	N
Width	0	Porch/Deck	
Length	0	Porch Sq Ft	0
Garage Sq Ft	0	Deck Sq Ft	0
Pool	None	Concrete Sq Ft	0
Pool Size	0	Farm Bldg Type	
Tennis Courts	None	Value 7.	\$0.00
		Driveway	Gravel
		Fence	0

		<b>70</b> . 1	_
Building Number	2	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	1982	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	<i>'</i>	Supplemental Heat	None
<b>Building Condition</b>	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	BROOKSHIRE
Roof Cover	RF-None	MH Skirt Foundation	None
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	14	Porch/Deck	
Length	52	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	\$0.00
		Driveway	Gravel
		Fence	0

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
3/1/1990	\$10,000			RHONDA SMITH & BILLY MORTON	RHONDA SMITH & BILLY MORTON
3/1/1990	\$10,000	175	2292	AHART PATRICIA GAYLE	RHONDA SMITH & BILLY MORTON

#### **Valuation**

	Working Value
+ Land Value	\$0
+ Improvement Value	\$49,000
= Total Taxable Value	\$49,000
- Exemption Value	(\$49,000)
= Net Taxable Value	\$0

#### Recent Sales In Area

Exemption

#### Sale date range:



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Homestead: Yes -\$49,100

Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### Skippancel Sutminary

Parcel Number 048-0-0009-A Account Number 212652

Calcolomos ALMO ROAD

Octivity of the Home And ROAD

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10)

Tax District 10-County

#### View Map

MCCOMBS RENTALS LLC 255 4TH STREET HARDIN, KY 42048



#### **Land Information**

Condition	Good	Topography	Level
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	0.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	2 Lane
Lot Sq Ft	0	Sidewalks	No
Shape		Information Source	

#### Improvements

<b>Building Number</b>	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	1972	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
<b>Building Condition</b>	None	Mobile Home Model	
Roof Type	RY-None	Mobile Home Manufacturer	WINSTON
Roof Cover	RF-None	MH Skirt Foundation	None
Roof Pitch	RP-None	Heat	N
Basement Type	BT-None	Heat Source	None
Basement Finish	Unfinished	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	12	Porch/Deck	
Length	60	Porch Sq Ft	0

Garage Sq Ft 0 Pool Pool Size 0 Tennis Courts Deck Sq Ft 0
Concrete Sq Ft 0
Farm Bldg Type

Value \$0.00 Driveway Gravel Fence 0

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
12/21/2023	\$12,500	1441	348	MCCOMBS RENTALS LLC	COLES GERALD
1/1/1970	\$3,700			ROBERT PARKER	ROBERT PARKER
1/1/1970	\$3,700	143	115	COLES GERALD	ROBERT PARKER

#### **Valuation**

Working Value
\$12,500
\$0
\$12,500
\$0
\$12,500

Exemption Homestead: No

#### **Photos**





#### **Recent Sales In Area**

#### Sale date range:



No data available for the following modules:  ${\sf Sketches}.$ 

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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 038-0-0054 Account Number 207267

Location Address US HWY 641 NORTH Description US HWY 641 NORTH

(Note: Not to be used on legal documents)

Class FARM (20) Tax District 10-County

Skip to main content

View Map

WELCH BRET ALLAN & JACQUELYN 506 WEST FORK ROAD

## Calloway County, KY PVA

#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	43.00	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	1873080	Sidewalks	No
Shape		Information Source	

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
8/4/2022	\$0	1382	255	WELCH BRET ALLAN & JACQUELYN	WELCH BRET A &
6/27/2018	\$219,307	1178	425	WELCH BRET A &	CLEAVER DANNY GARY &
5/9/2018	\$270,000	1173	90	CLEAVER DANNY GARY &	CLEAVER CECII

#### **Valuation**

	Working Value
+ Land Value	\$23,000
+ Improvement Value	\$0
= Total Taxable Value	\$23,000
- Exemption Value	\$0
= Net Taxable Value	\$23,000
+ Land FCV	\$219,307
+ Improvement FCV	\$0
= Total FCV	\$219,307
Exemption	Homestead: No

#### **Recent Sales In Area**

# Sale date range: From: 01/01/2007 To: 03/14/2025 Sales by Parcel Group Distance: 1500 Feet ✓ Sales by Distance

No data available for the following modules: Improvements, Photos, Sketches.

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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### Skippancel Sutminary

Parcel Number 047-0-0100-B Account Number 212577

Calcolom Address 80 WEST, FORK BOAD ROWSES MOBILE HOME (Note: Not to be used on legal documents)

Class RESIDENTIAL (10) **Tax District** 10-County

#### View Map

FREDERICK JOHN M & FREDERICK LINDA M 80 WEST FORK ROAD ALMO, KY 42020



#### **Land Information**

Condition Plat Book/Page		Topography Drainage	Not Used
Subdivision		Flood Hazard	
Lot		Zoning	Residential
Block		Electric	No
Acres	6.70	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	291852	Sidewalks	No
Shape		Information Source	

#### Improvements

<b>Building Number</b>	1	Kitchens	1
Description	SHOP W/ LA	Dining Rooms	0
Residence Type	Shop W/Living Area	Living Rooms	1
Comm Type		Family Rooms	0
Mobile Home Type		Bedrooms	0
Year Built	1999	Full Baths	0
Effective Age	0	Half Baths	0
Ave. Wall Height	0	Other Rooms	0
Structure	2 Story	Total Rooms	2
Number of Stories	0	Living Sq Ft	2,000
Exterior	Aluminum	Basement Sq Ft	0
Foundation	Slab	Fireplaces	0
Construction Type	None	Water	N
Construction Quality	Average/Standard	Supplemental Heat	None
<b>Building Condition</b>	Good/Average	Mobile Home Model	
Roof Type	RY-Shed	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	Unfinished	Heat Type	None
Basement Size	BS-None	Air Conditioning	N
Garage/Carport	Garage	AC/Type	None
Garage Size	2 Car	Special Improvements	N
Garage Type	Attached Garage	Fire Alarm	N
Garage Exterior	None	Sprinklers	N
Width	0	Porch/Deck	
Length	0	Porch Sq Ft	0

Garage Sq Ft 1600
Pool None
Pool Size 0
Tennis Courts None

Deck Sq Ft 0
Concrete Sq Ft 0
Farm Bldg Type

Value \$0.
Driveway
Fence 0

Building Notes: CONVERTED TO LA 2020

\$0.00

**Building Number** Kitchens 0 MOBILE HOME **Dining Rooms** 0 Description Living Rooms Residence Type None 0 Comm Type **Family Rooms** 0 Mobile Home Type MH - Residential Bedrooms 0 Year Built 1992 **Full Baths** 0 Effective Age 0 **Half Baths** 0 Ave. Wall Height Other Rooms 0 **Total Rooms** 0 Structure None **Number of Stories** 0 Living Sq Ft 0 Exterior None Basement Sq Ft Foundation Fireplaces None 0 **Construction Type** None Water Ν Supplemental Heat **Construction Quality** None **Building Condition** Mobile Home Model None RY-None Mobile Home Manufacturer **BUCCANEER** Roof Type Roof Cover RF-None MH Skirt Foundation None **Roof Pitch** RP-None Heat **Basement Type** BT-None **Heat Source** None **Basement Finish** None **Heat Type** None **Basement Size** BS-None Air Conditioning Ν Garage/Carport AC/Type None Special Improvements **Garage Size** Ν Fire Alarm Garage Type Ν Sprinklers Ν Garage Exterior Porch/Deck Width 16 0 Length 80 Porch Sq Ft Garage Sq Ft 0 Deck Sq Ft 0 Pool Concrete Sq Ft 0 **Pool Size** 0 Farm Bldg Type \$0.00 **Tennis Courts** Value Driveway 0 Fence

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
12/3/2020	\$85,000	1235	719	FREDERICK JOHN M &	SMITH MARY ELLEN
12/3/2019	\$35,000	1235	711	SMITH MARY ELLEN	NANCE JOHN NED JR
6/1/1988	\$5,600			NANCE JOHN NED JR	

#### **Valuation**

	working value
+ Land Value	\$123,000
+ Improvement Value	\$0
= Total Taxable Value	\$123,000
- Exemption Value	(\$49,100)
= Net Taxable Value	\$73,900

Exemption Homestead: Yes\$49,100

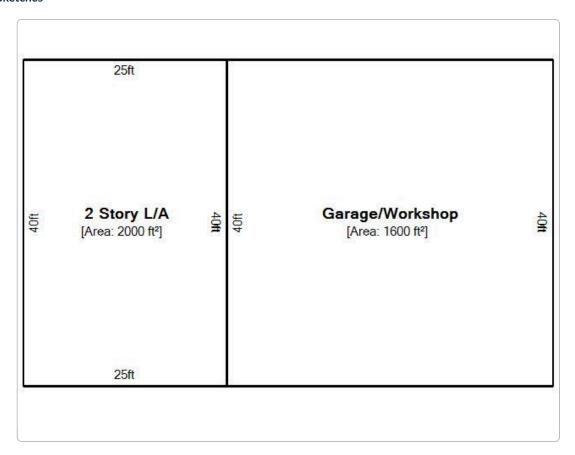
#### **Photos**





\A/= =|.!.. = \/=|...

#### **Sketches**



#### **Recent Sales In Area**



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Homestead Application

#### **Religious Application**

Religious Application

#### Vehicle Affidavit

Vehicle Affidavit

#### **Parcel Summary**

Parcel Number 047-0-0100-G Account Number 212582

Location Address US HWY 641 NORTH Description US HWY 641 NORTH

(Note: Not to be used on legal documents)

Class RESIDENTIAL (10) 10-County

Tax District Skip to main content

View Map

GARLAND SHEILA & LAMB KAREN 1311 N 4TH STREET

## Calloway County, KY PVA

#### **Land Information**

Condition		Topography	Not Used
Plat Book/Page		Drainage	
Subdivision		Flood Hazard	
Lot		Zoning	
Block		Electric	No
Acres	4.30	Water	No
Front	0	Gas	No
Depth	0	Sewer	No
Lot Size	0x0	Road	
Lot Sq Ft	187308	Sidewalks	No
Shape		Information Source	

#### **Sales Information**

Sale Date	Sale Price	Deed Book	Deed Page	Grantee	Grantor
2/2/2018	\$0	1163	365	GARLAND SHEILA &	LAMB KAREN & ET AL
3/20/2003	\$88,000	477	142	LAMB KAREN & ET AL	CLENDENON VIRGINIA & ET AL
7/1/2000	\$0			CLENDENON VIRGINIA & ET AL	CLENDENON JOHN
3/1/1994	\$0			CLENDENON JOHN	JOHN CLENDENON ET
1/1/1900	\$0			JOHN CLENDENON ET	

#### **Valuation**

	Working Value
+ Land Value	\$20,000
+ Improvement Value	\$0
= Total Taxable Value	\$20,000
- Exemption Value	\$0
= Net Taxable Value	\$20,000

Exemption Homestead: No

#### **Recent Sales In Area**

# Sale date range: From: 01/01/2007 To: 03/14/2025 Sales by Parcel Group Distance: 1500 Feet ✓ Sales by Distance

No data available for the following modules: Improvements, Photos, Sketches.

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Homestead Application

#### **Religious Application**

Skip to main Redingious Application

#### Vehicle Affidavit

## Calloway County, KY PVA

#### **Parcel Summary**

Parcel Number 048-0-0005-G-TR **Account Number** 236855 144 ALMO ROAD Location Address

Description TRAILER 144 ALMO ROAD

(Note: Not to be used on legal documents) MOBILE/MANUFAC HOME (70)

Class

**Tax District** 10-County

#### Map Not Available

AHART PATRICIA GAYLE 144 ALMO ROAD ALMO, KY 42020



#### **Land Information**

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	

#### In

r	mprovements			
	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	None	Bedrooms	0
	Year Built	1992	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
	<b>Building Condition</b>	None	Mobile Home Model	
	Roof Type	RY-None	Mobile Home Manufacturer	PRES
	Roof Cover	RF-None	MH Skirt Foundation	None
	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	14	Porch/Deck	
	Length	70	Porch Sq Ft	0

Garage Sq Ft 0
Pool
Pool Size 0
Tennis Courts

Deck Sq Ft 0 Concrete Sq Ft 0 Farm Bldg Type

Value \$0.00 Driveway Fence 0

#### **Valuation**

	Working Value
+ Land Value	\$8,000
+ Improvement Value	\$0
= Total Taxable Value	\$8,000
- Exemption Value	\$0
= Net Taxable Value	\$8,000

Exemption Homestead: No

#### **Photos**





#### **Recent Sales In Area**

#### Sale date range:

From: 01/01/2007

03/14/2025

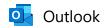
Sales by Parcel Group

No data available for the following modules: Sales Information, Sketches.

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#### **PVA Information Request**

From Grace, Emily (Calloway Co PVA) < Emily. Grace@ky.gov>

Date Tue 3/4/2025 10:55 AM

To Chris Shouse <cshouse@pikelegal.com>

#### Good morning

Those parcels are all hang records, which basically means that the information you need is attached to the record that generates the tax bill. I have provided the information that you were looking for below. Hope that helps.

Let me know if there is anything else you need.

048-0-0005-F 047-0-0032-B WILSON PROPERTIES 2111 US HWY 641 NORTH MURRAY KY 42071

048-0-0006 048-0-0005-G AHART PATRICIA GAYLE 144 ALMO ROAD ALMO KY 42020

048-0-0007-A 048-0-0007 BIRDSONG COREY LEE 67 STONECROP DRIVE ALMO KY 42020

048-0-0008 048-0-0020 JACKSON JOEL 355 STONECROP DRIVE ALMO KY 42020

## Emily Grace

Calloway County PVA Deputy P.O. Box 547 Murray KY 42071 (270) 753-3482 Fax (270) 753-0648





























SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON D	DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signaldre  X  B. Received by (Pfinted Name)	☐ Agent ☐ Addressee C. Date of Delivery
1. Article Addressed to: FREDERICK JOHN M & FREDERICK LINDA M 80 WEST FORK ROAD ALMO, KY 42020	D. Is delivery address different from if YES, enter delivery address b	
9590 9402 7926 2305 8849 47  2 Arlicle Number (Transfer from service tabel)	☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Deliver y ☐ Signature Confirmation ☐ Signature Confirmation ☐ Restricted Delivery
9589 0710 5270 1676 7786 72	3 Insured Mail Restricted Delivery (over \$5 00)	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Do	omestic Return Receipt
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON D	ELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse</li> </ul>	A. Signature XIII Journe	1 Agent
<ul> <li>so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	B. Received by (Printed Name)	C. Date of Delivery
1. Article Addressed to: WILSON TIMOTHY D & GREG WILSON 2111 US HWY 641 NORTH MURRAY, KY 42071	D. Is delivery address different from If YES, enter delivery address be	item 1? 🔲 Yes
9590 9402 7926 2305 8843 12  2 Bricks Number (Transfer from service tablets  9589 0710 5270 1676 7785 11	Adult Signalure     Adult Signalure Restricted Delivery     Certified Mail®     Certified Mail®	D Priority Mail Express®  Registered Mail™  Registered Mail Restricted Delivery  Signature Confirmation  Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053		mestic Return Receipt
SENSED, AND SET THE SECTION	COMPLETE THIS SECTION ON D.	ELIVERY
SENDER: COMPLETE THIS SECTION  Complete items 1, 2, and 3.  Right 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:	A. Signature  X Cach Dack  B. Received by (Printed Name)  D. Is delivery address different from if YES, enter delivery address by	C. Date of Delivery 3-/3-25
JACKSON JOEL 355 STONECROP DRIVE ALMO, KY 42020		
9590 9402 7926 2305 8843 43  2. Anticle Number (Transfer from service label)	3. Service Type  Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail® Collect on Delivery Collect on Delivery Insured Mail	O Priority Mail Express®  Registered Mail™  Registered Mail Restricts Delivery  I Signature Confirmation Restricted Delivery
ווון משבט משבט בשמו זויון משפו ה	The Inclined Mall Restricted Delivery	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON	DELIVERY
Complete items 1, 2, and 3.	A. Sgrature	☐ Agent
Print your name and address on the reverse so that we can return the card to you.	* Dely ocurn	☐ Addressee
Attach this card to the back of the mailpiece.	B. Received by (Printed Name)	C. Date of Delivery
or on the front if space permits.		
1. Article Addressed to:	Is delivery address different from     If YES, enter delivery address	
WILSON PROPERTIES		
2111 US HWY 641 NORTH		
MURRAY, KY 42071		
	3. Service Type	☐ Priorily Mail Express®
	☐ Adult Signature	☐ Registered Mail <sup>144</sup>
	☐ Adult Signature Restricted Delivery  © Certified Mail®	Registered Mall Restricted     Delivery
9590 9402 7926 2305 8843 29	☐ Certified Mail Restricted Delivery ☐ Collect on Delivery	☐ Signature Confirmation™ ☐ Signature Confirmation
2. Article Number (Transfer from s evice lab 1) el	Collect on Delivery Restricted Delivery	Restricted Delivery
589 0710 5270 1676 7785 04	Insured Mait Restricted Delivery (over \$500)	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON	DELIVERY
Complete items 1, 2, and 3.	A. Signature	DELVEN P
Print your name and address on the reverse		☐ Agent
so that we can return the card to you.	X (in from	☐ Addressee
<ul> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	B. Heceived by (Printed Name)	C. Dateo fDelivery
Article Addressed to:	D. Is delivery address different fro	milem 12 Yes
DIDOCONO CODEVILEE	If YES, enter delivery address	
BIRDSONG COREY LEE	11	
67 STONECROP DRIVE	1	
ALMO, KY 42020		
	Service Type	☐ Priority Mail Express®
	☐ Adult Signature ☐ Adult Signature Restricted Delivery	☐ Registered Mail™
9590 9402 7926 2305 8843 36	18 Certified Mail®	Registered Mail Restricted Delivery
	Certifled Mail Restricted Delivery  Collect on Delivery	☐ Signature Confirmation ☐ Signature Confirmation
2. Article Number (Transfer from service label) 1589 0710 5270 1676 7786 10	☐ Correct on Delivery Restricted Delivery ☐ Insured Mail	Restricted Delivery
	☐ Insured Mail Restricted Delivery (over \$500)	
PS Form 3811, July 2020 PSN 7530-02-0 00-9053		Domestic Return Receipt
2		
CENDER, COLOR FEE THE SECTION	COMPLETE THIS SECTION	ON DELIVERY
SENDER: COMPLETE THIS SECTION	A. Signature	ONDELIVENT
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse</li> </ul>	1	Agent
so that we can return the card to you.	X alim It	Leco Address
Attach this card to the back of the mailpiece,	B. Received by (Printed Nam	e) C. Date of Delive
or on the front if space permits.	T Comba	15-7-7
1. Article Addressed to:	D. Is delivery address different	
GARLAND SHEILA & LAMB KARE	If YES, enter delivery addr	ess below: Li No
1311 N 4TH STREET		
MURRAY, KY 42071		
morning to the t		
	11	
- 1/4 0/4/0 (10) 101 11/4 0/4/14(0) 11/0 1/4/ 0/4/ 0/4/ 0/4/ 0/4/	3. Servida Type  Ci Adult Signatura	☐ Pulority Mail Empress®
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9590 9402 7926 2305 8849 30	☐ Adult Signature ☐ Adult Signature Restricted Deliver ☐ Certifled Mail® ☐ Certifled Mail Restricted Delivery	☐ Registered Maâ™ ☐ Registered Mail Restri Defivery ☐ Signalure Confirmatio
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	Adult Sigmalure     Adult Sigmalure Restricted Deliver     Certifled Mail®     Certifled Mail Restricted Delivery     Coplect on Delivery     Collect on Delivery Restricted Delivery	☐ Registered Maā™ ☐ Registered Mail Restr ☐ Defivery ☐ Signature Confirmatio ☐ Signature Confirmatio

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X
1. Article Addressed to:  RMC PROPERTY LLC 326 WELLS PURDOM DR ALMO, KY 42020	D. Is delivery address different from item 1?  If YES, enter delivery address below:
9590 9402 7926 2305 8843 67  2. Article Number (Transfer from service label)  9589 0710 5270 1676 7785 97	3. Service Type  G Adult Signature Adult Signature Restricted Delivery Certified Mail © Certified Mail Restricted Delivery Collect on Delivery Restricted Delivery
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.  Neticle Addressed to:  WELCH BRET ALLAN & JACQUELYN 506 WEST FORK ROAD MURRAY, KY 42071	A. Signature  X  Agent  Addressee  B. Received by (Printed Name)  D. Is delivery address different from item 1?  If YES, enter delivery address below:
9590 9402 7926 2305 8849 54  2. Article Number (Transfer from service label)	3. Service Type  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail Restricted Delivery □ Collect on Delivery □ Collect on Delivery Restricted Delivery □ Insured Mail □ Insured M
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt
SENDER: COMPLETE THIS SECTION  Complète i tems 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.	A. Signature  A. Signature  D. Agent Addressee  B. Received by (Printed Name)  C. Date of Delivery
MCCOMBS RENTALS LLC 255 4TH STREET HARDIN, KY 42048	D. Is delivery address different from item 1? Yes  If YES, enter delivery address below: No
9590 9402 7926 2305 8849 \$1  2. Article Number (Transfer from service tabel)	3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ In Registered Mail Express® ☐ Registered Mail Express. ☐ R
9589 0710 5270 1676 7785 9	5 9   Insured Mail Restricted Delivery

Complete items 1, 2, and 3.  Print your name and address on the reverse so that we can return the card to you.	A. Signature
Attach this card to the back of the mailpiece, or on the front if space permits.  Article Addressed to:	B. Received by (Printed Name) C. Date of Delivery  D. Is delivery address different from Item 1? Yes
FRY KEITH & NORMA JEAN 324 STONECROP DRIVE ALMO, KY 42020	If YES, enter delivery address below: 1 No
9590 9402 7926 2305 8843 50 2. Article Number (Transfer from service tabel) 589 0710 5270 1676 7785 80	3. Service Type  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail Restricted Delivery □ Certified Mail Restricted Delivery □ Collect on Delivery □ Collect on Delivery □ Insured Mail □ Insured Mail
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.  Article Addressed to:  FITTMAN JAMES CLIFTON & GINGER RAE  3829 NEW PROVIDENCE RD HAZEL, KY 42049	A. Signature  A. Signature  A. Signature  Addresses  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
9590 9402 7926 2305 8843 74  2. Article Number (Transfer from service Tabel)  9589 0710 5270 1676 7785 73	3. Service Type  Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail® Certified Mail Restricted Delivery Collect on Delivery Insured Mail Insured Mail Insured Mail Insured Mail Restricted Delivery (over\$500)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature Agent Addressee  B. Pieceived by (Printed Name) C. Date of Delivery
1. Article Addressed to: TIBAL DI ARTHUR JAMES 157 ALMO ROAD ALMO, KY 42020	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
9590 9402 7926 2305 8843 05  2. Article Number (Transfer from Servicedabel)  9589 0710 5270 1676 7785 28	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Cortified Mail® ☐ Coffect on Delivery ☐ Coffect on Delivery Restricted Delivery ☐ Insured Mail ☐ Insured Mail ☐ Insured Mail Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	(over\$500)  Domestic Return Receipt
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:  WELCH CONCRETE PRODUCTS, LLC 6580 US HWY 641 NORTH ALMO, KY 42020	B. Received by (Printed Name)  C. Date of Delivery  D. Is delivery address different from item 1?  Yes  If YES, enter delivery address below:
9590 9402 7926 2305 8843 81  2. Article Number (Transfer from service fabet)  9589 0730 5270 1676 7785 6  PS Form 3811, July 2020 PSN 7530-02-000-9053	3. Service Type  C Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail® Certified Mail® Collect on Delivery Collect on Delivery Collect on Delivery Restricted Delivery Cover\$5001  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.  AHART PATRICIA GAYLE 144 A! MO ROAD ALMO, KY 42020	A. Signature  X
9590 9402 7926 2305 8842 99	3. Service Type    Adult Signature
2 Article Number (Tiransfer from service Tabel) 9589 0710 5270 1676 7785	Collect on Delivery Restricted Delivery  Collect on Delivery Restricted Delivery  Dispured Mail Restricted Delivery  flower \$5000

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

# EXHIBIT K COPY OF PROPERTY OWNER NOTIFICATION



#### PIKE LEGAL GROUP PLLC

1578 Highway 44 East, Unit 6
PO Box 369

Shepherdsville, KY 40165-0369

Phone: 502-955-4400 Fax: 502-543-4410

#### **VIA CERTIFIED MAIL**

## Notice of Proposed Construction of Wireless Communications Facility

#### Dear Landowner:

Skyway Towers, LLC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Operating Entity, are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on 18 Stonecrop Drive, Almo, KY 42020 (36° 41' 55.263" North latitude, 88° 18' 03.393" West longitude). The proposed facility will include a 150-foot tower with a 5-foot lightning arrestor attached at the top for a total height of 155-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 <u>or</u> 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 2025-00065 in any correspondence sent in connection with this matter.

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

Sincerely, David A. Pike Attorney for Applicants

enclosures



### **EXHIBIT L**

COPY OF COUNTY JUDGE/EXECUTIVE NOTICE & PROOF OF NOTICE



#### PIKE LEGAL GROUP PLLC

1578 Highway 44 East, Unit 6 PO Box 369 Shepherdsville, KY 40165-0369

Phone: 502-955-4400

Fax: 502-543-4410

#### **VIA CERTIFIED MAIL**

Hon. Kenny Imes Calloway County Judge Executive Calloway Co. Courthouse Annex 201 South 4th Street Murray, KY 42071

RE: Notice of Proposal to Construct Wireless Communications Facility

Kentucky Public Service Commission Docket No. 2025-00065

#### Dear Judge/Executive:

Skyway Towers, LLC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Operating Entity, are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on 18 Stonecrop Drive, Almo, KY 42020 (36° 41' 55.263" North latitude, 88° 18' 03.393" West longitude). The proposed facility will include a 150-foot tower with a 5-foot lightning arrestor attached at the top for a total height of 155-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 2025-00065 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. The Applicants site name is Flint.

Sincerely, David A. Pike Attorney for Applicants enclosures



58	CERTIFIED MAIL® RECEIPT  Domestic Mail Only
7786	For delivery information, visit our websits at www.usps.com®.
1676	\$ Extra Services & Fees (check box, add fee is aparopriate)  Return Receipt (hardcopy) Return Receipt (electronic)  Return Receipt (electronic)
5270	Certified Mali Restricted Delivery \$ Here Adult Signature Required \$ Adult Signature Restricted Delivery \$
0770	Hon. Kenny Imes Calloway County Judge Executive Calloway Co. Courthouse Annex
9589	201 South 4th Street Murray, KY 42071
	DS Form 2900 January 2022 DON 7500 00 0007. Con Boyaron for Instruction

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  XUNDY CHUSMAN  R. Received by (Printed Name)  LINDY CHEISMAN	☐ Agent ☐ Address  C. Date of Delive  B/(7/25)
1. Article Addressed to: Hon. Kenny Imes Calloway County Judge Executive Calloway Co. Courthouse Annex 201 South 4th Street Murray, KY 42071	D. Is delivery address different from If YES, enter delivery address	
9590 9402 7926 2305 8849 23	3. Service Type  Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery Collect on Delivery	☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restrict Delivery☐ Signature Confirmation☐ Signature Confirmation☐
2. Article Number (Transfer from service label) 9589 0710 5270 1676 7786 58	Collect on Delivery Restricted Delivery Insured Mail Insured Mall Restricted Delivery (over \$500)	Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receip

### **EXHIBIT M**

# COPY OF POSTED NOTICES NEWSPAPER NOTICE ADVERTISEMENT TEAR SHEET AND AFFIDAVIT

# SITE NAME: FLINT 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.

Skyway Towers, LLC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Operating Entity, 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 2025-00065 in your correspondence.

Skyway Towers, LLC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Operating Entity, 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 2025-00065 in your correspondence.

# assitie susiness

\$20 Column Inch - B/N; \$21 Column Inch - Process Color, 60% Discount-2nd run, 40% Discount, 3rd run (All 3 ads must run within a 5 day period)

LINE ADS

\$8.25 First Day - 20 Words or less — Over 20 words 50¢ each Additional consecutive days: 12¢ per day

Contact a Classifieds Rep at 270-753-1916 or email at: classified@murrayledger.com

RECT

CAMP SEPTIC CLEANING OF MURRAY RESIDENTIAL & COMMERCIAL Owned/Operated by The McClure's

270-7<u>53</u>-9224

ACTUAL

4,065,921

2,313,203

4,859,149 179,425

373 773

233,917

72.605

161,496

14.244

729,775

154 368

109,916

768,924

14.095,532

2,740,868

3.912.854

912,073

300,523

401.752

32,141

828,946

650.000

(1,610,000)

(761.054)

18,613,402 \$ 17,632,348

13.266.586

Legal Notices

Legal Notices

Legal Notices

Legal Notices

Legal Notices

Revenues Property taxes

Insurance tax

Bank shares

Fines and fees

Contributions

Expenditures

Debt service

Principal

Interest

Grant funds received

General government Police department

Street department

Total expenditures

Revenues over (under) expenditures

Other Financing Sources (Uses)

Total other financing sources (uses)

Transfer from other funds

Net change in fund balance

Fund balance, end of year

Fund balance, beginning of year

Planning and zoning

Interest Miscellaneous income

Occupational tax

Franchise taxes

Occupational business licenses Payments in I eu of taxes

Intergovemmental revenue

Legal Notices

Legal Notices CITY OF MURRAY, KENTUCKY

STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE
BUDGET AND ACTUAL-GENERAL FUND For The Year Ended June 30, 2024

ORIGINAL

BUDGET

3,423,300

1,600,000

3,800,000

175,000 325 000

64,000

245.000

125,000

15,500

20,000

250,000

113 200

9,466,952

19,672,952

16,411,971

4.451.841

4,921,891

1,022,434

360,621

467 510

27,656,268

(7.983,316)

600.000

800,000

(7,363,316)

11,745,176 4,361,860

Legal Notices

FINAL

BUDGET

3,423,300

1,600,000

3,800,000

325,000

245.000

125,000

15,500

20,000

250,000

113 200

50,000

.900,491

12,106,491

8.420,798

4.014.665

5,255,493

1,022,434

360,621

467 510

19.561.521

(7.455,030)

600.000

600.000

(6.855.030)

18,613,402 \$ 11,758,372

64,000

Legal Notices

VARIANCE

WITH FINAL

BUDGET

642,621

713,203

48 773

(5,184)

(11.083)

(52,395)

145,996

479,775

41.168

59,916

(1,131,567)

,989,041

5,679,930

101,811

289,118

110,361

60,098

85.758

6,294,935

8,283,976

50,000

(2.260.000)

(2,210,000)

6.073.976

6.073.976

2

(5.758)

1,059,149

Romaine

Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other MattersBased on an Audit of Financial Statements Performed in Accordance With Government Auditing Standards

Honorable Mayor Bob Rogers and Members of the City Council City of Murray Kentucky

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicableto financial audits contained in Government Auditing Standards issued by the Comptiol or General of the United States, the Inancial statements of the openies, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Murray. Kentucky as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the City of Murray, Kentucky's basic financial statements, and have issued our report thereon dated March 13, 2025.

#### Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered City of Murray, Kentucky's internal con over financial reporting (informal confrol) as a basis for designing audit procodures that are appropriate in circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose expressing an opinion on the effectiveness of City of Murray, Kentucky's internal control. Accordingly, we do not expra no opinion on the effectiveness of City of Murray, Kentucky's internal control.

A deficiency ininternal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a time basis. A material weakness is a deficiency, or a combinetion of deficiencies, in internal control, such that there is a reasonable possibility theil a material misstatement of theenthy's financial statements will not be prevented, or detected and corrected on a brinely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet importent enough to ment altention by thosecharged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies and hierefore, material weaknesses or significant deficiencies may exist that have not been identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

As part of obtaining reasonable assurance about whether City of Murray, Kentucky's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, confracts, as grant agreements, noncempliance withwhich could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions wasnot an objective of our eudit, and accordingly, we do not oppess such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that is required to be reported under Covernment Auditing Stenderds.

#### Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance end the results of that testing, andnot to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with Government/auditing/Standards in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose

#### Romaine & Associates, PLLC

Paducah Kentucky Certified Public Accountants March 13,2025 Services Offered

#### SERVICES OFFERED

Prevsure washing, house washing, gutters, vinyl sid-ing and vinyl fence. FREE estimates 270-293-5008 MCCUISTON

#### Wanted To Buy

ROOFING Used fridge, range, hot water heater, electric baseboards & gas heater, car-peting, doors, windows, air conditioners, etc. 270-753-4109 **(270)** 293-1924

#### Storage Rentals

PREMIER MINI STORAGE \* Inside climate control storage \* Security alarmed \*Safe & clean \*We sell boxes! \*We rent U-Hauls. 270-753-9600

#### Real Estate For Rent

1 OR 2 Bedroom Apartments near downtown Murray Lease and deposit required. 270-753-4109 Murray Ledger & Times Lair Housing Notice



All real estate advertised herein is subject to the Federal Fair Housing Act of 1968, as amended, which nukes it illegal to advertise any preferences, limitation or discrimunation based on race, color, rehigion, sea or national oxigin, or an intention to nuke any such

Prescott Roofing 270-227-1106 All shingles hand nailed

FREE ESTIMATES Doing it eight since 1984

HTLL SEPTEC **Free Estimates** PUMPING EXCAVATION

CLEAN CUT LAWN SERVICE LANDSCAPING & MOWING (270) 293-8686

FREE ESTIMATES CALL KEVIN

(270)293-4020

#### Hill Appliance Repair

Serving West Kentucky Jason Hill (270) 226-0194 Service on all major brands Licensed & Insured

& TRUCKING Sand & Mulc

FRAME'S TREE SERVICE & DEBRIS REMOVAL Ron Frame

270-227-3140

270-474-0323 HALL'S WASTE MANAGEMENT Weekly & One-Time Pickup ·Locally Owned/Operated 270-759-1151

Top Choice Reĥovations · All Home Repairs No Job Too Small

Specializing in Bathroom Renovations FREE ESTIMATES

(270)293-3961

Yearry's Tree & Lawn Service 270-227-4489 270-227-4490 24 HOUR EMERGENCY SERVICE



AVING SEAL-COATING Mason Welch 270-227-9663

LEDGER SUBSCRIBE TODAYI

#### See Independent Auditor's Report NOTICE

Skyway Towers, ILC and Kentucky RSA No. 1 Part-nership by Cellco Partnership dPb/a Verizon Wireles, its Operating Entity, arc. filling an application with the Kentucky Public Service Commission ("PSC") the Kentucky Public Service Commission (PSCT) to construct a new wireless communications feeling on a site located on 18 Stonecrop Drive, Almo, KY 18020 (1674 T552-68). North latitude, 68 1803.0397 West longitude). The propused facility will include a 150-foot tower with a 5 foot lightning arrestor attached at the top frost total height of 155-feet, plus related ground facilities. You may contact the PSC for additional information concerning this matter at Kentucky Public Service Commission, Executive Director, 211 Sower Rouleward, P.O. Box 615. Frankfort, Kentucky-1060.2 Please refer to docket number 2025-00065 in any correspondence sent in connection with his matter.

#### STORAGE RENTALS



For all your storage convenience

CHOOSE FROM OUR 4 LOCATIONS: ·Murray Store & Lock - 1611 N. 12th St. •MBC Storage - 1900 N. 12th

Light, Electricity, and 24/7 Surveillan Garland Rental Boat & Mini-Storage - Hwy, 94E Climate Control

LET GARL AND TAKECARE OF YOUR STORAGE NEEDS! 1900 A.N. 12th St. - P.O. Bax65 Murray, KY 42071 Office - 270 - 753 - 290 - Fax - 270 - 753 - 9505 www.garlandrentals.com - garlandrentals a gmail.com

MEON BEACL

#### HOROSCOPES

(March 21-April 19)

Love and loss go together, intertwined from the start. The deeper the connection, the greater the risk -- of change, separation and grief. But that's part of what makes it profound -- choosing to love despite the certainty of impermanence.

#### **TAURUS**

(April 20-May 20)

Who is the first person who pops to mind when you hear a song, see something funny or experience something new'? This person's absence strikes you like a missing piece. Life marches on but feels slightly off-kilter without them. Put a visit on the books.

#### GEMINI

(May 21-June 21)

There's a dynamic at work, themes: responsibility, awareness and fairness in teamwork, with an obvious contrast between those who pull their weight and those who don't. A rebalancing of effort and accountability is needed.

#### CANCER

(June 22-July 22) The problems get solved by

#### LIBRA

(Sept. 23-Oct. 23)

Is this a time of want or a time of plenty? Of course, you have plenty. But the real question is, do you have plenty of what you want? To get there, you may need to shed what no longer serves you and free yourself from unnecessary dependencies.

#### **SCORPIO**

(Oct. 24-Nov. 21)

Attraction is the most powerful force in the universe. Crucial on massive and minuscule levels, attraction transcends scale. holds the planets in orbit, governs the behavior of atoms and has a lot to do with your chosen destiny today.

#### **SAGITTARIUS**

(Nov. 22-Dec. 21) When brute strength falls short, patience rises to take its place. It's the quiet power of persistence that wears down the hardest barriers, one soft touch at a time, turning mountains into sand.

#### CAPRICORN

(Dec. 22-Jan. 19)

Nothing slows progress like attachments. If you're holding on to old things, relationships ce ns airs nall

> -S~

1

### NOTICE

Skyway Towers, I.LC and Kentucky RSA No. 1 Partnership by Cellco Partnership d/b/a Verizon Wireless, its Operating Entity, are filing an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on 18 Stonecrop Drive, Almo, KY 42020 (36° 41' 55.263" North latitude, 88° 18'03.393" West longitude). The proposed facility will include a 150-foot tower with a 5-foot lightning arrestor attached at the top for a total height of 155-feet, plus related ground facilities. 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 2025-00065 in any correspondence sent in connection with this matter. 10264

## STORAGE RENTALS

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### AFFIDAVIT OF PUBLICATION

I, Mike Davis, publisher, of the Murray Ledger & Times, do hereby certify that
from my own knowledge and a check of the files of this newspaper that the
advertisement for PIKE Legal Group, was inserted in the Murray
Ledger & Times on the following date(s): 3/18.
Signature  ABUSABA  Title

Subscribed and sworn to before me:

This 18 day of March, 2025

Notary Public

12-27-26

My Commission Expires

# EXHIBIT N COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

