RECEIVED

## COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

JUN 27 2019

In the Matter of:	PUBLIC SERVICE COMMISSION
THE APPLICATION OF NEW CINGULAR WIRELESS PCS, LLC, A DELAWARE LIMITED LIABILITY COMPANY, D/B/A AT&T MOBILITY FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT A WIRELESS COMMUNICATIONS FACILITY IN THE COMMONWEALTH OF KENTUCKY IN THE COUNTY OF MARION	) ) ) ) CASE NO.: 2019-00211 ) ) )

SITE NAME: PENICK

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

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility ("Applicant"), 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 submits this Application requesting issuance of a Certificate of Public Convenience and Necessity ("CPCN") from the Kentucky Public Service Commission ("PSC") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Applicant with wireless communications services.

In support of this Application, Applicant respectfully provides and states the following information:

- 1. The complete name and address of the Applicant: New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility, having a local address of Meidinger Tower, 462 S. 4<sup>th</sup> Street, Suite 2400, Louisville, KY 40202.
- 2. Applicant proposes construction of an antenna tower for communications services, which is to be located in an area outside the jurisdiction of a planning commission, and Applicant submits 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.
- Applicant is a limited liability company organized in the State of Delaware on October 20, 1994.
- 4. Applicant attests that it is in good standing in the state in which it is organized and further states that it is authorized to transact business in Kentucky.
- 5. A Certificate of Authorization issued by the Kentucky Secretary of State for the Applicant entity is attached to this Application as part of **Exhibit A** and is hereby incorporated by reference.
- 6. The Applicant operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of the Applicant's FCC 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.
- 7. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve the Applicant's services

to an area currently not served or not adequately served by the Applicant 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 the Applicant's 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 the Applicant's network design that must be in place to provide adequate coverage to the service area.

8. To address the above-described service needs, Applicant proposes to construct a WCF on 325 Hourigan Lane, Lebanon, KY 40033 (37° 35' 12.75" North latitude, 85° 07' 18.78" 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 Richard T. Stofer III and Connie L. Tucker pursuant to a deed recorded at Deed Book 321, Pages 531 in the office of the County Clerk. Access will run across parcels owned by Richard T. Stofer III and Connie L. Tucker pursuant to a deeds recorded at Deed Book 321, Page 526 and Deed Book 321, Page 531 in the office of the County Clerk. The proposed WCF will consist of a 195-foot tall tower, with an approximately 4-foot tall lightning arrestor attached at the top, for a total height of 199-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of the Applicant's radio electronics equipment and appurtenant equipment. The Applicant's 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.

- 9. A list of utilities, corporations, or persons with whom the proposed WCF is likely to compete is attached as **Exhibit D**.
- 10. The site development plan and a vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the Applicant has also been included as part of **Exhibit B**.
- 11. 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**.
- 12. Applicant has considered the likely effects of the installation of the proposed WCF on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to co-locate Applicant's antennas on an existing structure. When suitable towers or structures exist, Applicant attempts to co-locate on existing structures such as communications towers or other structures capable of supporting Applicant's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site.
- 13. A copy of the documentation confirming that notice to the Federal Aviation Administration ("FAA") is not required for this site is attached as **Exhibit E**.
- 14. A copy of the documentation confirming that a Kentucky Airport Zoning Commission ("KAZC") permit is not required for this site is attached as **Exhibit F**.

- 15. 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.
- 16. 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.
- 17. Applicant, 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**.
- 18. 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.
- 19. The Construction Manager for the proposed facility is Don Murdock and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibits B & C**.
- 20 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.
  - 21. 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**.

- 22. Applicant has 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.
- 23. Applicant has 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**.
- 24. 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

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

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

- 28. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.
- 29. All responses and requests associated with this Application may be directed to:

David A. Pike 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

WHEREFORE, Applicant 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

Pike Legal Group, PLLC

1578 Highway 44 East, Suite 6

P. O. Box 369

Shepherdsville, KY 40165-0369

Telephone: (502) 955-4400

I a Relse

Telefax:

(502) 543-4410

Email: dpike@pikelegal.com

Attorney for New Cingular Wireless PCS, LLC

d/b/a AT&T Mobility

#### LIST OF EXHIBITS

Α		-	Certificate of Authority and FCC License Documentation
---	--	---	--

B - Site Development Plan:

500' Vicinity Map Legal Descriptions

Flood Plain Certification

Site Plan

**Vertical Tower Profile** 

C - Tower and Foundation Design

D - Competing Utilities, Corporations, or Persons List

E - FAA

F - Kentucky Airport Zoning Commission

G - Geotechnical Report

H - Directions to WCF Site

Copy of Real Estate Agreement

J - Notification Listing

K - Copy of Property Owner Notification

L - Copy of County Judge/Executive Notice

M - Copy of Posted Notices and Newspaper Notice Advertisement

N - Copy of Radio Frequency Design Search Area

# EXHIBIT A CERTIFICATE OF AUTHORITY AND FCC LICENSE DOCUMENTATION

## Commonwealth of Kentucky Alison Lundergan Grimes, Secretary of State

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

#### **Certificate of Authorization**

Authentication number: 216299

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

I, Alison Lundergan Grimes, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

### **NEW CINGULAR WIRELESS PCS, LLC**

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on October 14, 1999.

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 28<sup>th</sup> day of May, 2019, in the 227<sup>th</sup> year of the Commonwealth.



Alison Lundergan Grimes

Secretary of State

Commonwealth of Kentucky

216299/0481848

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW NEW CINGULAR WIRELESS PCS, LLC 208 S AKARD ST., RM 1015 DALLAS, TX 75202

Call Sign KNKQ346	File Number
Radio	Service
CL - C	Cellular
Market Numer	Channel Block
CMA446	A
Sub-Market	Designator

FCC Registration Number (FRN): 0003291192

Market Nan	1e
Kentucky 4 -	Spencer

Grant Date	Effective Date	<b>Expiration Date</b>	Five Yr Build-Out Date	<b>Print Date</b>
10-16-2012	08-31-2018	10-01-2022		

#### **Site Information:**

Locatio	n Latitude	Longitude	Ground Electors)	vation Structure Hgt to T (meters)	Fip Antenna Structure Registration No.
12	38-01-44.0 N	085-18-16.0 W	235.9	91.1	1002473
Address	: 100 Overlook R	d (86923)	/		
City: TA	YLORSVILLE	County: SPENCER	State: KY Cons	truction Deadline:	

				and in				
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)	120.800	95.400	102.100	97.600	95.800	113.600	147.700	114.700
Transmitting ERP (watts) Antenna: 5	86.300	143.200	53.200	37.700	0.300	18.900	67.000	133.700
Maximum Transmitting ERP in Watts:	140.820			1	The same of the sa			
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	120.800	95.400	102.100	97.600	95.800	113,600	147.700	114.700
Transmitting ERP (watts) Antenna: 6	18.000	119.800	240.400	250.300	157.000	45.000	33.200	12.400
Maximum Transmitting ERP in Watts:	140.820				VSA.	ANN		
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	120.800	95.400	102.100	97.600	95.800	113.600	147.700	114.700
Transmitting ERP (watts)	28.800	21.300	26.500	39.100	121.000	115.500	147.700	81.200

#### 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.

Call Sign: KNKQ346 File Number: Print Date:

	-41000	NC 4507								
Locat	ion Latitud	le I	Longitude		round Elev neters)		tructure Hg neters)	t to Tip	Antenna St Registratio	
15	37-36-2	1.0 N	086-03-25.0 W	20	50.0	91	1.1		1009674	
Addre	ss: 975 Mee	ting Creek Rd	. (94217)							
City: I	EASTVIEW	County: H.	ARDIN State	KY C	onstruction	n Deadline	e: 12-17-201	5		
		A PA	ij.	*****						
Antenr	na: 1	War Fill	A.CO							
		tting ERP in W	ASTRONOUS NAME OF THE PARTY OF							2000
	Azimuth(from 1 <b>a Height AA</b>		0 114.000	<b>45</b> 122.900	90	135	180	225	270	315
	nitting ERP		16.000	50.600	133.500 40.600	138.400 6.300	151.700 0.400	127.100 0.101	115.800 0.101	123.200 1.500
Antenr	na: 2		AND THE PARTY OF T	30.000	40.000	0.500	0.400	0.101	0.101	1.500
		tting ERP in W	filtratia Nacida Labellari				100			
	Azimuth(from 1 <b>a Height AA</b>		0 114.000	45 122.900	90	135	180	225	270	315
Transn	nitting ERP (		0.400	0.400	133.500 11.700	138.400 89.800	151.700 178.200	127.100 74.900	115.800 6.100	123.200 0.800
Antenr			49000	40.100	11.700	07.000	170.200	71.700	0.100	0.000
	um Transmi Azimuth(from	tting ERP in W	/atts: 140.820	AF	90	135	180	225	270	215
	a Height AA		114.000	45 122.900	133.500	138.400	151.700	127,100	115.800	315 123,200
	nitting ERP (		60.500	2.600	0.600	0.600	3.500	47.900	240.300	282.400
			100	100					•	
Locati	ion Latitud	ie I	Longitude	UKENA .	round Elev		ructure Hg	to Tip	Antenna St	
				- 4573.440	ieters)	•	neters)		Registratio	n No.
16	37-32-3	6.0 N (	)85-15-34.0 W	24	16.3	11	12.8		1203419	
Addre	ss: 335 Tho	0 11 0								
CIA. I		rnton Smith Ro	oad (94223)	4	1989					
City: I	Lebanon C	rnton Smith Ro		Y Cons	truction D	eadline: 12	2-17-2015			
City: I	Lebanon C			Y Cons	truction De	eadline: 12	2-17-2015	-		
Antenn	na: 1	County: MAR	ION State: K	Y Cons	truction D	eadline: 12	2-17-2015			
Antenn	ia: 1 um Transmi	County: MAR	ION State: K /atts: 140.820	7						
Antenn	na: 1 num Transmi Azimuth(from	tting ERP in W	ION State: K /atts: 140.820	45	90	135	180	225	270	315
Antenn Maxim Antenn	ia: 1 um Transmi	tting ERP in Watrue north) T (meters)	ION State: K  /atts: 140.820 0 116.100	<b>45</b> 86.000	<b>90</b> 77.700	135 104.400	180 108.400	123.500	143.500	128.500
Antenn Maxim Antenn Transn Antenn	na: 1 um Transmi Azimuth(from na Height AA nitting ERP ( na: 2	tting ERP in Watrue north) T (meters) watts)	Vatts: 140.820 0 116.100 192.100	45	90	135	180			
Antenn Maxim Antenn Transn Antenn Maxim	na: 1 um Transmi Azimuth(from na Height AA nitting ERP ( na: 2 um Transmi	tting ERP in Wattung ERP in Wattung ERP in Wattung ERP in Watts)	Vatts: 140.820 0 116.100 192.100 Vatts: 140.820	<b>45</b> 86.000 140.000	90 77.700 19.200	135 104.400 2.500	180 108.400 0.400	123.500 0.900	143.500 4.100	128.500 55.100
Antenn Maxim Antenn Transn Antenn Maxim	na: 1 um Transmi Azimuth(from na Height AA nitting ERP ( na: 2 um Transmi Azimuth(from	tting ERP in Watrue north) T (meters) (watts) tting ERP in Watrue north)	/atts: 140.820 0 116.100 192.100 /atts: 140.820 0	45 86.000 140.000	90 77.700 19.200	135 104.400 2.500	180 108.400 0.400	123.500 0.900	143.500 4.100 <b>270</b>	128.500 55.100
Antenn Maxim Antenn Transn Antenn Maxim Antenn Transn	na: 1 um Transmi Azimuth(from na Height AA nitting ERP ( na: 2 um Transmi Azimuth(from na Height AA nitting ERP (	tting ERP in Watrue north) T (meters) (watts) tting ERP in Wattrue north) T true north) T (meters)	Vatts: 140.820 0 116.100 192.100 Vatts: 140.820	<b>45</b> 86.000 140.000	90 77.700 19.200	135 104.400 2.500 135 104.400	180 108.400 0.400 180 108.400	123.500 0.900 225 123.500	143.500 4.100 <b>270</b> 143.500	128.500 55.100 315 128.500
Antenn Maxim Antenn Transn Antenn Antenn Transn Antenn	na: 1 um Transmi Azimuth(from na Height AA nitting ERP ( na: 2 um Transmi Azimuth(from na Height AA nitting ERP ( na: 3	tting ERP in Watting ERP in Watter north) T (meters) (watts) tting ERP in Wattrue north) T (meters) watts)	Vatts: 140.820 0 116.100 192.100  Vatts: 140.820 0 116.100 0.900	45 86.000 140.000 45 86.000	90 77.700 19.200 90 77.700	135 104.400 2.500	180 108.400 0.400	123.500 0.900	143.500 4.100 <b>270</b>	128.500 55.100
Antenn Maxim Antenn Transn Antenn Maxim Transn Antenn Maxim	ua: 1 um Transmi Azimuth(from ta Height AA nitting ERP ( ta: 2 um Transmi Azimuth(from ta Height AA nitting ERP ( ta: 3 um Transmi	tting ERP in Watten true north) T (meters) (watts) tting ERP in Watten true north) T (meters) (watts) tting ERP in Watts)	Vatts: 140.820 0 116.100 192.100  Vatts: 140.820 0 116.100 0.900  Vatts: 140.820	45 86.000 140.000 45 86.000 4.100	90 77.700 19.200 90 77.700 55.100	135 104.400 2.500 135 104.400 192.100	180 108.400 0.400 180 108.400 140.000	123.500 0.900 225 123.500 19.200	143.500 4.100 270 143.500 2.500	128.500 55.100 315 128.500 0.400
Antenn Maxim Antenn Transn Antenn Transn Antenn Maxim Antenn Maxim	na: 1 um Transmi Azimuth(from na Height AA nitting ERP ( na: 2 um Transmi Azimuth(from na Height AA nitting ERP ( na: 3	tting ERP in Watrue north) T (meters) (watts) tting ERP in Watrue north) T (meters) watts) tting ERP in Watrue north) T (meters) watts) tting ERP in Watrue north) T (meters)	Vatts: 140.820 0 116.100 192.100  Vatts: 140.820 0 116.100 0.900	45 86.000 140.000 45 86.000	90 77.700 19.200 90 77.700	135 104.400 2.500 135 104.400	180 108.400 0.400 180 108.400	123.500 0.900 225 123.500	143.500 4.100 <b>270</b> 143.500	128.500 55.100 315 128.500

Call Sign: KNKQ346	File Number:	Print Date:

	Latitude	Longitude	(m	ound Elev eters)	(	Structure Hg meters)	t to Tip	Antenna Se Registratio	
17	37-39-03.2 N	085-04-40.4 W	26	0.0	8	80.8		1253600	
	9076 Perryville Roa	CONT.							
City: Spri	ingfield County:	WASHINGTON	State: KY	Constr	uction D	eadline: 12-1	7-2015		
	W 18	E							
Antenna:	1	7 000							
	Transmitting ERP i	AND A CHARLES AND ADDRESS OF THE PARTY OF TH	*KOLEN	DOMAS .	C 1000000	1000000000	STORY OF STREET		2002 PM 10.00
	muth(from true north) Height AAT (meters)	0	45	90	135	180	225	270	315
	ting ERP (watts)	67.200	65.000	50.900	33.800	63.300	60.700	76.300	96.900
Antenna:		170.600	190.300	55.800	31.200	0.400	11.600	64.100	190.300
	Transmitting ERP i	n Watts: 140.820							
	muth(from true north)	0	45	90	135	180	225	270	315
	leight AAT (meters)	67.200	65.000	50.900	33.800	63.300	60.700	76.300	96.900
Fransmitt Antenna:	ing ERP (watts)	41.300	108.800	92.600	128.100	61.300	26.200	8.900	21.200
	Transmitting ERP i	n Watts: 140.820	100						
Aziı	muth(from true north)	0	45	90	135	180	225	270	315
	leight AAT (meters)	67.200	65.000	50.900	33.800	63.300	60.700	76.300	96.900
Transmitt	ing ERP (watts)	55.800	31.200	0.400	11.600	64.100	190.300	170.600	190.300
								_	17 280
Location	Latitude	Longitude	WIND A	ound Elev		tructure Hg	t to Tip	Antenna St	
			00000000000	eters)	•	meters)		Registratio	n No.
21	37-25-20.1 N	085-16-59.5 W	33:	3.5	6	0.7			
Address:	6945 NEW LEBAN	ION ROAD (8788)	2)	100					
City: CAl	MPBELLSVILLE	County: TAYLO	R State:	KY Co	nstructio	n Deadline:	2-17-201	5	
		•		A STREET				2	
Antenna:	1				WA				
	Transmitting ERP in	n Watte: 140 820			497				
	muth(from true north)	0	45	90	135	180	225	270	315
Antenna F	leight AAT (meters)	145.100	145,900	105.000	110.500		126,600	110,600	124.300
Transmitt	ing ERP (watts)	252,900	102.500	5.700	1.200	0.505	0.800	15.100	132.400
Antenna:					Y WA	19	50.7 A.T.		5.5
	Transmitting ERP in				W will	100			
	muth(from true north) Height AAT (meters)	0 145.100	45	90	135	180	225	270	315
	ing ERP (watts)	(F. 0.0 S. 0.0 F.	145.900	105.000	110.500		126.600	110.600	124.300
		1.400	16.000	81.800	98.400	23.100	2.200	0.200	0.300
	J					ARTHUR	-C2020		
Antenna: :	Transmitting ERP in	n Watts: 140.820				AND	A307		
Antenna: : Maximum Azii	Transmitting ERP in muth(from true north)	0	45	90	135	180	225	270	315
Antenna: ( Maximum Azii Antenna F	Transmitting ERP i		45 145.900 0.500	90 105.000 0.500	135 110.500 7.400		225 126.600 235.600	<b>270</b> 110.600 174.400	315 124.300 17.000

Call Sign: KNKQ346	File	File Number:				Print Date:					
Location Latitude	Longitude	Ground Elevation (meters)			Structure Hg (meters)	t to Tip	Antenna Structure Registration No.				
23 37-28-43.0 N	085-53-55.8 W	20	66.7		99.1		1200192				
Address: 15385 South Dixie (376	616)										
City: Upton County: HARDI	State: KY	Constru	ction Dead	lline: 1	2-17-2015						
EY WA	9				-						
Antenna: 3	0.00										
Maximum Transmitting ERP in W											
Azimuth(from true north) Antenna Height AAT (meters)	0 137.800	45	90	135	180	225	270	315			
Transmitting ERP (watts)	22.500	123.200 14.000	106.100 1.500	117.10 0.100	00 122.100 0.100	144.800	138.400	141.600			
Antenna: 4	22.300	14.000	1.500	0.100	0.100	0.200	1.700	14.000			
Maximum Transmitting ERP in W	atts: 140.820										
Azimuth(from true north) Antenna Height AAT (meters)	0	45	90	135	180	225	270	315			
Transmitting ERP (watts)	137.800	123.200	106.100	117.10		144.800	138.400	141.600			
Antenna: 5	6.300	22.300	40.900	31.700	32.100	4.800	1.300	2.200			
Maximum Transmitting ERP in W	atts: 140.820	1333									
Azimuth(from true north)	0_	45	90	135	180	225	270	315			
Antenna Height AAT (meters) Transmitting ERP (watts)	137.800	123.200	106.100	117.10		144.800	138.400	141.600			
Transmitting ERI (watts)	63.400	41.400	38.200	75.300	214.800	202.800	252.300	137.100			
Location Latitude L	ongitude	**************************************	round Elev	ation	Structure Hg	t to Tip	Antenna St				
	Ü	(n	neters)	ation	(meters)	t to Tip	Registratio				
25 37-53-29.0 N	085-31-56.0 W	(n 22		ation		t to Tip					
25 37-53-29.0 N 0 <b>Address:</b> 720 South Saint Gregor	085-31-56.0 W ry Road (37679	(n 22	neters) 20.7		(meters) 78.3	t to Tip	Registratio				
	085-31-56.0 W ry Road (37679	(n 22	neters) 20.7		(meters)	t to Tip	Registratio				
25 37-53-29.0 N 0 Address: 720 South Saint Gregor	085-31-56.0 W ry Road (37679	(n 22	neters) 20.7		(meters) 78.3	t to Tip	Registratio				
25 37-53-29.0 N 0 Address: 720 South Saint Gregor	085-31-56.0 W ry Road (37679	(n 22	neters) 20.7		(meters) 78.3	t to Tip	Registratio				
25 37-53-29.0 N 0 Address: 720 South Saint Gregor City: Samuels County: NELSo Antenna: 4 Maximum Transmitting ERP in W	085-31-56.0 W ry Road (37679 ON State: K'	(n 22 ) Y Const	eters) 20.7 ruction De	adline:	(meters) 78.3 12-17-2015		Registratio 1062550	n No.			
25 37-53-29.0 N 0  Address: 720 South Saint Gregor City: Samuels County: NELSo  Antenna: 4  Maximum Transmitting ERP in W Azimuth(from true north)	085-31-56.0 W ry Road (37679 ON State: K Vatts: 140.820	(n 22 ) Y Const	eters) 20.7 ruction De	eadline:	(meters) 78.3 12-17-2015	225	Registratio 1062550 270	315			
25 37-53-29.0 N 0  Address: 720 South Saint Gregor City: Samuels County: NELSo  Antenna: 4  Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters)	085-31-56.0 W ry Road (37679 ON State: K Vatts: 140.820 0 128.800	(n 22 ) Y Const	90 83.500	135 85.900	(meters) 78.3 12-17-2015 180 115.200	<b>225</b> 97.000	Registratio 1062550 270 105.400	315 106.900			
25 37-53-29.0 N 0  Address: 720 South Saint Gregor City: Samuels County: NELSo  Antenna: 4  Maximum Transmitting ERP in W Azimuth(from true north)	085-31-56.0 W ry Road (37679 ON State: K Vatts: 140.820	(n 22 ) Y Const	eters) 20.7 ruction De	eadline:	(meters) 78.3 12-17-2015	225	Registratio 1062550 270	315			
25 37-53-29.0 N 0 Address: 720 South Saint Gregor City: Samuels County: NELSO Antenna: 4 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5 Maximum Transmitting ERP in W	085-31-56.0 W ry Road (37679 ON State: K' /atts: 140.820 0 128.800 2.200 /atts: 140.820	(n 22 22 27 27 27 27 27 27 27 27 27 27 27	90 83.500 2.400	135 85.900 0.600	(meters) 78.3 12-17-2015 180 115.200 0.100	225 97.000 0.100	270 105.400 0.100	315 106.900			
25 37-53-29.0 N C Address: 720 South Saint Gregor City: Samuels County: NELSC  Antenna: 4 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5 Maximum Transmitting ERP in W Azimuth(from true north)	085-31-56.0 W ry Road (37679 ON State: K' Zatts: 140.820 0 128.800 2.200 Zatts: 140.820 0	(n 22 ) Y Const 45 95.600 2.000	90 83.500 2.400	135 85.900 0.600	(meters) 78.3 12-17-2015 180 115.200 0.100 180	225 97.000 0.100	270 105.400 0.100	315 106.900 0.500			
25 37-53-29.0 N 0 Address: 720 South Saint Gregor City: Samuels County: NELSo Antenna: 4 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters)	085-31-56.0 W ry Road (37679 ON State: K' (atts: 140.820 0 128.800 2.200 (atts: 140.820 0 128.800	(n 22 ) Y Const 45 95.600 2.000	90 83.500 2.400 90 83.500	135 85.900 0.600	(meters) 78.3  12-17-2015  180 115.200 0.100  180 115.200	225 97.000 0.100 225 97.000	270 105.400 0.100 270 105.400	315 106.900 0.500 315 106.900			
25 37-53-29.0 N 0 Address: 720 South Saint Gregor City: Samuels County: NELSo Antenna: 4 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters)	085-31-56.0 W ry Road (37679 ON State: K' Zatts: 140.820 0 128.800 2.200 Zatts: 140.820 0	(n 22 ) Y Const 45 95.600 2.000	90 83.500 2.400	135 85.900 0.600	(meters) 78.3 12-17-2015 180 115.200 0.100 180	225 97.000 0.100	270 105.400 0.100	315 106.900 0.500			
25 37-53-29.0 N 0 Address: 720 South Saint Gregoricity: Samuels County: NELSo Antenna: 4 Maximum Transmitting ERP in Wazimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5 Maximum Transmitting ERP in Wazimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 6 Maximum Transmitting ERP in Waximum Trans	085-31-56.0 W ry Road (37679 ON State: K 7atts: 140.820 0 128.800 2.200 7atts: 140.820 0 128.800 0.200	(n 22 ) Y Const 45 95.600 2.000	90 83.500 2.400 90 83.500	135 85.900 0.600	(meters) 78.3  12-17-2015  180 115.200 0.100  180 115.200	225 97.000 0.100 225 97.000	270 105.400 0.100 270 105.400	315 106.900 0.500 315 106.900			
25 37-53-29.0 N 0 Address: 720 South Saint Gregoricity: Samuels County: NELSo Antenna: 4 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 6 Maximum Transmitting ERP in W Azimuth(from true north)	085-31-56.0 W ry Road (37679 ON State: K vatts: 140.820 0 128.800 2.200 vatts: 140.820 0 128.800 0.200 vatts: 140.820 0	(n 22 22 27 27 27 27 27 27 27 27 27 27 27	90 83.500 2.400 90 83.500 1.300	135 85.900 0.600 135 85.900 2.600	(meters) 78.3  12-17-2015  180 115.200 0.100  180 115.200 2.400	225 97.000 0.100 225 97.000 1.500	270 105.400 0.100 270 105.400 0.200	315 106.900 0.500 315 106.900 0.100			
25 37-53-29.0 N 0 Address: 720 South Saint Gregor City: Samuels County: NELSO Antenna: 4 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 5 Maximum Transmitting ERP in W Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 6 Maximum Transmitting ERP in W Aximuting ERP (watts)	085-31-56.0 W ry Road (37679 ON State: K atts: 140.820 0 128.800 2.200 atts: 140.820 0 28.800 0.200 fatts: 140.820	45 95.600 2.000 45 95.600 0.300	90 83.500 2.400 90 83.500 1.300	135 85.900 0.600 135 85.900 2.600	(meters) 78.3  12-17-2015  180 115.200 0.100  180 115.200 2.400	225 97.000 0.100 225 97.000 1.500	270 105.400 0.100 270 105.400 0.200	315 106.900 0.500 315 106.900 0.100			

Call Sign: KN	IKQ346	File			Print Date:					
Location Latitude		Longitude	Ground Elevation (meters)			Structure Hg (meters)	t to Tip	Antenna Structure Registration No.		
	44-18.6 N	084-50-22.9 W	27	73.1		93.9		1042987		
Address: 510	Named Agency	The state of the s								
City: HARRO	DSBURG	County: MERCER	State: K	Y Const	ruction	Deadline: 12-	17-2015			
		M)								
	nsmitting ERP (from true north	in Watts: 140.820	45	90	135	180	225	270	315	
Antenna Heigh Transmitting E Antenna: 2	it AAT (meters		97.000 9.700	92.200 0.800	89.100 0.100	67.100 0.200	91.800 0.300	105.500 3.000	107.400 17.400	
Azimuth Antenna Heigh Transmitting E	(from true north it AAT (meters		<b>45</b> 97.000 1.000	90 92.200 9.400	135 89.100 22.000		225 91.800 2.600	<b>270</b> 105.500 0.200	315 107.400 0.100	
Azimuth	(from true north		45	90	135	180	225	270	315	
Antenna Heigh Transmitting E		94.900 0.200	97.000 0.100	92.200 0.100	89.100 0.400	67.100 1.800	91.800 2.300	105.500 2.600	107.400 1.000	
Location La	titude	Longitude	AUSELY TO	round Elev neters)	ation	Structure Hg (meters)	t to Tip	Antenna St Registratio		
30 37-	45-36.7 N	085-59-28.9 W	24	12.3		77.7		1228925		
Address: 140	BERRYTOW	N ROAD (86906)	Alle	1						
City: Rineyvil	le County:	HARDIN State:	KY Con	struction l	Deadlin	e: 12-17-2015				
Antenna: 3	nemitting EDD	in Watts: 140.820				·		3. <del>332</del> i		
	(from true north it AAT (meters	0	45 88.600 150.100	90 61.000 23.100	135 80.100 8.300	180 84.200 0.446	225 80.000 1.100	<b>270</b> 69.700 25.400	315 78.500 136.900	
Maximum Tra	(from true north		<b>45</b> 88.600	90	135	180	225	270	315	
Fransmitting E Antenna: 5	ERP (watts)	1.500	50.300	61.000 183.700	80.100 235.20		80.000 12.500	69.700 4.700	78.500 0.500	
	(from true north		45	90	135	180	225	270	315	
Transmitting E		97.800 10.200	88.600 1.200	61.000 0.500	80.100 7.000	84.200 88.900	80.000 214.500	69.700 206.100	78.500 42.800	

Call Sign:	KNKQ346	File Numb	oer:	Print Date	<b>:</b> :
Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
	37-56-34.5 N	084-57-41.8 W	279.2	99.1	1219406

City: Willisburg County: ANDERSON State: KY Construction Deadline: 12-17-2015

Antenna: 1	400							
Maximum Transmitting ERP in Watts:				400	400			
Azimuth(from true north) Antenna Height AAT (meters)	0 133.500	<b>45</b> 140.200	90 135.100	135 117,400	180 118.100	225 134.100	270 132,900	315 128.800
Transmitting ERP (watts) Antenna: 2	189.700	79.700	6.500	0.800	0.400	0.400	12.400	95.600
Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north) Antenna Height AAT (meters)	0 133.500	45 140.200	90 135,100	135 117,400	180 118.100	225 134.100	270 132.900	315 128.800
Transmitting ERP (watts) Antenna: 3	1.500	17.300	88.500	106.400	25.000	2.400	0.212	0.400
Maximum Transmitting ERP in Watts:	140.820	1000						
Azimuth(from true north) Antenna Height AAT (meters)	0 133.500	45 140,200	90 135,100	135 117,400	180 118,100	225 134.100	270 132.900	315 128.800
Transmitting ERP (watts)	1.900	0.629	0.629	8.700	104.200	314.700	227.900	23.900

Location	Latitude	Longitude	_GHID	Structure Hgt to Tip	Antenna Structure
			(meters)	(meters)	Registration No.
32	37-33-17.6 N	086-04-47.0 W	255.7	78.6	1224566

Address: 1051 Rock Creek Rd (81453)

City: Big Clifty County: HARDIN State: KY Construction Deadline: 12-17-2015

			A STATE OF THE PARTY OF THE PAR	409				
Antenna: 1				100				
Maximum Transmitting ERP in Watts:	140.820		VIII)	4				
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	97.100	117.100	126,800	128.200	117,700	108.900	118.200	111.300
Transmitting ERP (watts)	7.700	21.500	18.900	3.500	0.300	0.100	0.100	0.800
Antenna: 2	1.40.000							
Maximum Transmitting ERP in Watts:	140.820		4	Day VIII				
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	97.100	117.100	126.800	128.200	117.700	108.900	118.200	111.300
Transmitting ERP (watts)	180.400	21.600	3.300	0.611	1.200	8.700	98,400	305.700
Antenna: 3					Allegan	AUGA.		
Maximum Transmitting ERP in Watts:	140.820				63330	AND .		
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	97.100	117.100	126.800	128.200	117,700	108.900	118.200	111.300
Transmitting ERP (watts)	1.400	0.809	0.809	22.800	184.900	404.600	198.600	15.400

Call	Sign:	KNKQ346	9

#### File Number:

#### **Print Date:**

Can Digi	i. KINKQ340	rne	Number:				imi Date	•	
	Latitude	Longitude		round Elev neters)	vation	Structure Hg (meters)	t to Tip	Antenna S Registratio	
34	37-09-56.5 N	085-32-47.5 W	26	51.5		60.7			
Address:	: Matney Rd (114158)	)							
City: Gre	ensburg County: 0	GREEN State:	KY Con	struction l	Deadline	: 12-17-2015			
Azi Antenna I	n Transmitting ERP in imuth(from true north) Height AAT (meters) ting ERP (watts)	Watts: 140.820 0 117.100 178.200	<b>45</b> 110.000 198.800	90 104.200 58.300	135 85.500 32.600		225 93.900 12.100	<b>270</b> 94.100 67.000	<b>315</b> 102.900 198.800
Maximum Azi Antenna I	n Transmitting ERP in imuth(from true north) Height AAT (meters) ting ERP (watts)	Watts: 140.820 0 117.100 16.300	<b>45</b> 110.000 108.000	90 104.200 216.800	135 85.500 225.70		225 93.900 40.600	270 94.100 29.900	315 102.900 11.200
Azi Antenna I	n Transmitting ERP in muth(from true north) Height AAT (meters) ting ERP (watts)	Watts: 140.820 0 117.100 31.000	45 110.000 12.000	90 104.200 16.100	135 85.500 35.400		225 93.900 210.600	<b>270</b> 94.100 237.700	315 102.900 91.900
Location 35	1 Latitude 37-45-21.0 N	<b>Longitude</b> 084-49-26.0 W	(n	round Elev neters) 35.0		Structure Hg (meters) 64.3	t to Tip	Antenna Se Registration	
Address:	1190 US 127 Bypass	s (114803)	A. Carrier	13					
		unty: MERCER	State: K	Y Const	ruction	Deadline: 12-	17-2015		
Azii Antenna I	n Transmitting ERP in muth(from true north) Height AAT (meters)	Watts: 140.820 0 73.000	<b>45</b> 82.600	90 68.600	135 68.500	180 43.400	<b>225</b> 68.500	<b>270</b> 77.300	<b>315</b> 78.300
Antenna: Maximum	n Transmitting ERP in		69.800	58.700	9.100	0.400	0.139	0.139	1.200
Antenna I Transmitt Antenna:		73.000 0.200	<b>45</b> 82.600 0.200	90 68.600 3.000	135 68.500 34.100		225 68.500 38.200	<b>270</b> 77.300 3.800	315 78.300 0.200
Azii Antenna F	n Transmitting ERP in muth(from true north) Height AAT (meters) ting ERP (watts)	Watts: 140.820 0 73.000 19.800	<b>45</b> 82.600 1.200	<b>90</b> 68.600 0.149	135 68.500 0.149	180 43.400 0.500	225 68.500 7.400	<b>270</b> 77.300 53.500	315 78.300 74.800

Maximum Transmitting ERP in Watts: 140.820
Azimuth(from true north)
Antenna Height AAT (meters)

Transmitting ERP (watts)

140.820
50.800
17.900

Location Latitude	225 34.400 1.600 225 34.400 7.600	270 34.300 8.200  270 34.300 2.700  270 34.300	315 51.400 17.900 315 51.400 1.000
Address: 7101 9th Cavalry Regiment Avenue (119146)  City: Fort Knox County: HARDIN State: KY Construction Deadline: 12-17-201:  Antenna: 1  Maximum Transmitting ERP in Watts: 140.820	225 34.400 1.600 225 34.400 7.600 225 34.400	34.300 8.200 270 34.300 2.700	51.400 17.900 315 51.400 1.000
Antenna: 1   Maximum Transmitting ERP in Watts:   140.820	225 34.400 1.600 225 34.400 7.600 225 34.400	34.300 8.200 270 34.300 2.700	51.400 17.900 315 51.400 1.000
Antenna: 1  Maximum Transmitting ERP in Watts: 140.820	225 34.400 1.600 225 34.400 7.600 225 34.400	34.300 8.200 270 34.300 2.700	51.400 17.900 315 51.400 1.000
Maximum Transmitting ERP in Watts:         140.820           Azimuth(from true north)         0         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         14.200         22.100         6.400         2.600         0.300           Maximum Transmitting ERP in Watts:         140.820         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         2.100         48.300         243.200         333.800         71.000           Antenna: 3         3         Maximum Transmitting ERP in Watts:         140.820         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         41.800         16.200         21.700         47.700         214.300           Location Latitude         Longitude         Ground Elevation (meters)         63.1           37 37-19-24.0 N         085-19-29.0 W         276.8         63.1	34.400 1.600 225 34.400 7.600 225 34.400	34.300 8.200 270 34.300 2.700	51.400 17.900 315 51.400 1.000
Maximum Transmitting ERP in Watts:         140.820           Azimuth(from true north)         0         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         14.200         22.100         6.400         2.600         0.300           Maximum Transmitting ERP in Watts:         140.820         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         2.100         48.300         243.200         333.800         71.000           Antenna: 3         3         Maximum Transmitting ERP in Watts:         140.820         48.300         243.200         333.800         71.000           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         41.800         16.200         21.700         47.700         214.300           Location Latitude         Longitude         Ground Elevation (meters)         63.1           Address: 685 Smith Ridge Road (94212)         City: CAMPBELLSVILLE         County: TAYLO	34.400 1.600 225 34.400 7.600 225 34.400	34.300 8.200 270 34.300 2.700	51.400 17.900 315 51.400 1.000
Azimuth(from true north) Antenna Height AAT (meters) 78.500 62.700 62.400 46.400 30.000 Transmitting ERP (watts) 14.200 22.100 6.400 2.600 0.300  Maximum Transmitting ERP in Watts: 140.820 Azimuth(from true north) Antenna Height AAT (meters) 78.500 62.700 62.400 46.400 30.000  Transmitting ERP (watts) 2.100 48.300 243.200 333.800 71.000  Antenna: 3  Maximum Transmitting ERP in Watts: 140.820 Azimuth(from true north) 0 45 90 135 180 Antenna: 3  Maximum Transmitting ERP in Watts: 140.820 Azimuth(from true north) 0 45 90 135 180 Antenna: 3  Maximum Transmitting ERP in Watts: 140.820 Azimuth(from true north) 0 45 90 135 180 Antenna Height AAT (meters) 78.500 62.700 62.400 46.400 30.000 Transmitting ERP (watts) 41.800 16.200 21.700 47.700 214.300  Location Latitude Longitude Ground Elevation Structure H (meters) 37 37-19-24.0 N 085-19-29.0 W 276.8 63.1  Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE County: TAYLOR State: KY Construction Deadline:	34.400 1.600 225 34.400 7.600 225 34.400	34.300 8.200 270 34.300 2.700	51.400 17.900 315 51.400 1.000
Antenna Height AAT (meters) 78.500 62.700 62.400 46.400 30.000  Transmitting ERP (watts) 14.200 22.100 6.400 2.600 0.300  Antenna: 2  Maximum Transmitting ERP in Watts: 140.820	34.400 1.600 225 34.400 7.600 225 34.400	34.300 8.200 270 34.300 2.700	51.400 17.900 315 51.400 1.000
Transmitting ERP (watts)         14.200         22.100         6.400         2.600         0.300           Antenna: 2         Maximum Transmitting ERP in Watts:         140.820         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         2.100         48.300         243.200         333.800         71.000           Antenna: 3         Maximum Transmitting ERP in Watts:         140.820         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         41.800         16.200         21.700         47.700         214.300           Location Latitude         Longitude         Ground Elevation (meters)         Structure H (meters)           37         37-19-24.0 N         085-19-29.0 W         276.8         63.1           Address: 685 Smith Ridge Road (94212)         City: CAMPBELLSVILLE         County: TAYLOR         State: KY         Construction Deadline:	1.600 225 34.400 7.600 225 34.400	8.200 270 34.300 2.700	315 51.400 1.000
Maximum Transmitting ERP in Watts: 140.820           Azimuth(from true north)         0         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         2.100         48.300         243.200         333.800         71.000           Antenna: 3         Maximum Transmitting ERP in Watts: 140.820         45         90         135         180           Azimuth(from true north)         0         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         41.800         16.200         21.700         47.700         214.300           Location Latitude         Longitude         Ground Elevation (meters)         Structure H (meters)           37         37-19-24.0 N         085-19-29.0 W         276.8         63.1           Address: 685 Smith Ridge Road (94212)         City: CAMPBELLSVILLE         County: TAYLOR         State: KY         Construction Deadline:	34.400 7.600 225 34.400	34.300 2.700 <b>270</b>	51.400 1.000
Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 3  Maximum Transmitting ERP in Watts: 140.820 Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP in Watts: 140.820 Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)  Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)  Transmitting ERP (watts)  Aliano  Converted Converted (meters)  Transmitting ERP (watts)  Aliano  Converted Converted (meters)  Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE  County: TAYLOR  State: KY  Construction Deadline:	34.400 7.600 225 34.400	34.300 2.700 <b>270</b>	51.400 1.000
Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 3  Maximum Transmitting ERP in Watts: 140.820 Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna Height AAT (meters) Transmitting ERP (watts) Transmitting ERP (watts) Transmitting ERP (watts) Transmitting ERP (watts)  Location Latitude Longitude Ground Elevation (meters) Transmitting ERP (watts)  Ground Elevation Tructure H (meters)  Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE  County: TAYLOR  State: KY  Construction Deadline:	34.400 7.600 225 34.400	34.300 2.700 <b>270</b>	51.400 1.000
Transmitting ERP (watts)         2.100         48.300         243.200         333.800         71.000           Antenna: 3         Maximum Transmitting ERP in Watts: 140.820         140.820         145         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         41.800         16.200         21.700         47.700         214.300           Location Latitude         Longitude         Ground Elevation (meters)         Structure H (meters)           37         37-19-24.0 N         085-19-29.0 W         276.8         63.1           Address: 685 Smith Ridge Road (94212)           City: CAMPBELLSVILLE         County: TAYLOR         State: KY         Construction Deadline:	7.600  225 34.400	2.700 <b>270</b>	1.000 315
Maximum Transmitting ERP in Watts: 140.820           Azimuth(from true north)         0         45         90         135         180           Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         41.800         16.200         21.700         47.700         214.300           Location Latitude         Longitude         Ground Elevation (meters)         Structure H (meters)           37         37-19-24.0 N         085-19-29.0 W         276.8         63.1           Address: 685 Smith Ridge Road (94212)         City: CAMPBELLSVILLE         County: TAYLOR         State: KY         Construction Deadline:	34.400		T
Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)  Cocation Latitude  Longitude  County: TAYLOR  Azimuth(from true north) 78.500 62.700 62.400 46.400 30.000 214.300  Count Elevation (meters) (meters) 63.1  Address: 685 Smith Ridge Road (94212) City: CAMPBELLSVILLE  County: TAYLOR  State: KY  Construction Deadline	34.400		T
Antenna Height AAT (meters)         78.500         62.700         62.400         46.400         30.000           Transmitting ERP (watts)         41.800         16.200         21.700         47.700         214.300           Location Latitude         Longitude         Ground Elevation (meters)         Structure H (meters)           37         37-19-24.0 N         085-19-29.0 W         276.8         63.1           Address: 685 Smith Ridge Road (94212)           City: CAMPBELLSVILLE         County: TAYLOR         State: KY         Construction Deadline:	34.400		T
Transmitting ERP (watts)  41.800  16.200  21.700  47.700  214.300  Location Latitude  Longitude  Ground Elevation Structure H (meters)  37  37-19-24.0 N  085-19-29.0 W  276.8  63.1  Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE  County: TAYLOR  State: KY  Construction Deadline:			51.400
(meters) (meters) 37 37-19-24.0 N 085-19-29.0 W 276.8 63.1  Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE County: TAYLOR State: KY Construction Deadline:	284.100	320.600	124.00
(meters) (meters) 37 37-19-24.0 N 085-19-29.0 W 276.8 63.1  Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE County: TAYLOR State: KY Construction Deadline:	-4.4- Ti		
37 37-19-24.0 N 085-19-29.0 W 276.8 63.1  Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE County: TAYLOR State: KY Construction Deadline:	gt to 11p	Antenna S	
Address: 685 Smith Ridge Road (94212)  City: CAMPBELLSVILLE County: TAYLOR State: KY Construction Deadline:		Registratio	on No.
City: CAMPBELLSVILLE County: TAYLOR State: KY Construction Deadline:		1042222	
	12-17-201	5	
AND THE PERSON NAMED IN COLUMN TO A STATE OF THE PERSON NAMED IN COLUMN TO A S			
Antenna: 1			
Maximum Transmitting ERP in Watts: 140.820			
Azimuth(from true north) 0 45 90 135 180 Antenna Height AAT (meters) 50.800 60.800 65.900 91.400 109.700	225	270	315
Antenna Height AA1 (meters) 50.800 60.800 65.900 91.400 109.700  Transmitting ERP (watts) 23.000 86.600 74.000 13.000 0.600	103.600 0.200	107.900 0.200	86.800 1.700
Antenna: 2	0.200	0.200	1.700
Maximum Transmitting ERP in Watts: 140.820			
Azimuth(from true north) 0 45 90 135 180 Antenna Height AAT (meters) 50.800 60.800 65.900 91.400 109.700	225	270	315
T. 100 107.700		107.900	86.800
Antenna: 3 0.500 0.400 6.900 73.500 150.000	103.600 80.500	9.000	0.300

225 103.600 6.700

270

107.900 48.300

315

86.800 67.600

45

17.900

60.800

1.100

90

65.900 0.135

135

91.400 0.135

180

109.700 0.400

Call Sign: KNKQ346	File	Number	:		P	rint Date	:	
Location Latitude	Longitude		Ground Elev meters)		Structure Hg (meters)	t to Tip	Antenna S Registratio	
39 37-59-45.5 N	085-57-01.3 W		31.7		45.7			
Address: 201 S 10TH STREE	ET (37605)							
City: WEST POINT Coun	ty: HARDIN Sta	te: KY	Constructi	on Dea	dline: 12-17-2	015		
	Jan .							
Antenna: 1	T AME							
Maximum Transmitting ERP i	ARREST TOTAL TOTAL				100			
Azimuth(from true north) Antenna Height AAT (meters)	30.000	<b>45</b> 30.000	90 30.000	135 30.000	180 30.000	<b>225</b> 30.000	270 30.000	<b>315</b> 30.000
Transmitting ERP (watts)	7.600	6.900	10.000	3.400	1.100	0.100	0.700	3.100
Antenna: 2 Maximum Transmitting ERP in	n Watter 140 920							
Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	30.000	30.000	30.000	30.000		30.000	30.000	30.000
Transmitting ERP (watts)	2.700	0.600	0.900	21.900	145.300	283.900	89.300	9.100
Location Latitude	Longitude	-4500 State	Ground Elev meters)		Structure Hg (meters)	t to Tip	Antenna S Registratio	
40 37-31-58.0 N	085-18-59.0 W	NUMBER TO SELECT	19.1		103.6		1043055	
Address: 5.6 KM SOUTHWI		A.A	1					
	MARION State	KY C	Construction	Deadli	ne: 12-17-201	5		
Antenna: 1 Maximum Transmitting ERP in Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 2	n Watts: 140.820 0 134.500 72.400	<b>45</b> 114.000 252.600	90 119.600 184.100	135 125.40 25.300		225 124.600 0.505	<b>270</b> 166.500 1.100	315 158.900 5.300
Maximum Transmitting ERP in	n Watts: 140.820		(8.3)	49				
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters) Transmitting ERP (watts)	134.500	114.000	119.600	125.40		124.600	166.500	158.900
Antenna: 3	0.600	0.900	15.700	125.20	0 295.100	111.600	11.400	2.900
Maximum Transmitting ERP in Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	n Watts: 140.820 0 134.500 55.000	<b>45</b> 114.000 5.900	90 119.600 2.100	135 125.40 0.800	180 0 109.400 1.700	225 124.600 37.400	270 166.500 188.400	315 158.900 258.500
Location Latitude	Longitude		Ground Elev		Structure Hg (meters)	t to Tip	Antenna S	
41 37-59-10.4 N	084-52-49.1 W	`_	63.3		91.4		Registration 1250393	M 140.
Address: 1815 Bypass South		_						
<b>₹.</b> •	2 .	State: K	Y Constru	uction I	Deadline: 12-1	7-2015		
Antenna: 1 Maximum Transmitting ERP in Azimuth(from true north)	n Watts: 140.820	,		2000000				215
Azimuth(from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	0 86.600 118.900	<b>45</b> 77.000 197.200	90 77.400 73.300	99.500 51.900		225 76.000 26.000	270 81.700 92.300	315 75.700 184.100

Call Sign: KNKQ346 File Number: Print Date:

Can Sign	. KINKQS40	riic	Number.				I IIII Date	•	
	Latitude	Longitude	(m	ound Elev eters)	ation	Structure Hg (meters)	t to Tip	Antenna S Registratio	
41	37-59-10.4 N	084-52-49.1 W	26	3.3		91.4		1250393	
Address:	1815 Bypass South	(148463)							
City: Lav	vrenceburg Coun	ty: ANDERSON	State: KY	Constr	uction I	Deadline: 12-1	7-2015		
	(A) A9	All I							
Antenna:	2 n Transmitting ERP i	in Watter 140 820							
Azi	muth(from true north)	0	45	90	135	180	225	270	315
	Height AAT (meters)		77.000	77.400	99.500		76.000	81.700	75.700
Transmitt Antenna:	ting ERP (watts)	27.400	134.400	181.300	170.50	00 159.100	48.000	60.500	27.400
	Transmitting ERP i	in Watts: 140.820							
Azi	muth(from true north)	0	45	90	135	180	225	270	315
	Height AAT (meters) ting ERP (watts)	N2100A V 20	77.000	77.400	99.500		76.000	81.700	75.700
- ansimite	ing ERI (watts)	47.300	18.300	24.500	54.000	242.700	321.700	363.100	140.400
Location	Latitude	Longitude	Gr	ound Elev	ation	Structure Hg	t to Tip	Antenna S	tructure
			(m	eters)		(meters)		Registratio	n No.
42	37-46-06.0 N	084-51-43.0 W	27:	5.2		93.3		1042217	
Address:	840 Cornishville Re	oad (94222)	V.47						
		County: MERCER	State: KY	Const	ruction	Deadline: 12-	17-2015		
	-		1000				wa.		
Antenna:	1		100						
	Transmitting ERP i	in Watts: 140.820							
Azi	muth(from true north)	0	45	90	135	180	225	270	315
	Height AAT (meters) ting ERP (watts)		113.900	98.100	93.600		103.600	113.100	108.400
Antenna:	2	233.400	0.500	0.500	0.500	0.600	1.300	4.900	1.000
	Transmitting ERP i			WA.	4				
Antonno	muth(from true north) Height AAT (meters)	0	45	90	135	180	225	270	315
Antenna i Transmitt	ting ERP (watts)		113.900	98.100	93.600		103.600	113.100	108.400
Antenna:	3	2.500	296.500	18.600	4.900	1.000	0.600	0.600	0.600
	Transmitting ERP i		v_		Day W		2		
	muth(from true north) Height AAT (meters)		<b>45</b> 113.900	90	135	180	225	270	315
<b>Transmitt</b>	ting ERP (watts)	0.100	1.200	98.100 10.200	93.600 19.800		103.600 1.700	113.100 0.100	108.400 0.100
Antenna:	4 " ' '		1.200	. 0.200	17.000	11.000	1.700	0.100	0.100
	Transmitting ERP i muth(from true north)		AE	90	135	180	225	270	315
	Height AAT (meters)		<b>45</b> 113.900	90 98.100	93.600	20071	225 103.600	<b>270</b> 113.100	108.400
Transmitt	ting ERP (watts)	1.400	0.200	0.102	0.400	6.100	36.600	51.100	16.900

#### **Control Points:**

Control Pt. No. 1

Address: 124 S. Keeneland Drive (Suite 103)

City: Richmond County: MADISON State: KY Telephone Number: (859)544-4804

Call Sign: KNKQ346 File Number: Print Date:

#### Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: LESLIE WILSON NEW CINGULAR WIRELESS PCS, LLC 208 S AKARD ST., RM 1016 DALLAS, TX 75202

<b>Call Sign</b> KNLG209	File Number
Radio	Service
CW - PCS	Broadband

FCC Registration Number (FRN): 0003291192

<b>Grant Date</b> 04-12-2017	Effective Date 08-31-2018	Expiration Date 04-28-2027	Print Date
Market Number BTA263	Chang	nel Block D	Sub-Market Designator
	<b>Marke</b> Louisvi		
st Build-out Date 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

#### 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.

Call Sign: KNLG209

File Number:

**Print Date:** 

700 MHz Relicensed Area Information:

Market

**Market Name** 

**Buildout Deadline** 

**Buildout Notification** 

Status

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW NEW CINGULAR WIRELESS PCS, LLC 208 S AKARD ST., RM 1015 DALLAS, TX 75202

Call Sign WPOI255	File Number				
Radio Service					
CW - PCS Broadband					

FCC Registration Number (FRN): 0003291192

<b>Grant Date</b> 05-27-2015	Effective Date 08-31-2018	Expiration Date 06-23-2025	Print Date
Market Number MTA026	Chai	nnel Block A	Sub-Market Designator 19
	4000	et Name tington-Evansvill	
st Build-out Date 06-23-2000	2nd Build-out Date 06-23-2005	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.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

#### 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.

Call Sign: WPOI255 File Number: Print Date:

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

This license is conditioned upon compliance with the provisions of Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation For Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order, FCC 04-255 (rel. Oct. 26, 2004).

Spectrum Lease Associated with this License. See Spectrum Leasing Arrangement Letter dated 12/06/2004 and File # 0001918558.

The Spectrum Leasing Arrangement, which became effective upon approval of application file number 0001918558, was terminated on 04/14/2005. See file number 0002135370.

Commission approval of this application and the licenses contained therein are subject to the conditions set forth in the Memorandum Opinion and Order, adopted on December 29, 2006 and released on March 26, 2007, and revised in the Order on Reconsideration, adopted and released on March 26, 2007. See AT&T Inc. and BellSouth Corporation Application for Transfer of Control, WC Docket No. 06-74, Memorandum Opinion and Order, FCC 06-189 (rel. Mar. 26, 2007); AT&T Inc. and BellSouth Corporation, WC Docket No. 06-74, Order on Reconsideration, FCC 07-44 (rel. Mar. 26, 2007).

Call Sign: WPOI255

File Number:

**Print Date:** 

700 MHz Relicensed Area Information:

Market

Market Name

**Buildout Deadline** 

**Buildout Notification** 

Status

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: LESLIE WILSON NEW CINGULAR WIRELESS PCS, LLC 208 S AKARD ST., RM 1016 DALLAS, TX 75202

Call Sign WQDI528	File Number
Radio	Service
CW - PCS	Broadband

FCC Registration Number (FRN): 0003291192

<b>Grant Date</b> 08-17-2015	Effective Date 08-31-2018	Expiration Date 09-06-2025	Print Date
Market Number BTA263	Chan	nel Block C	Sub-Market Designator
	400743	et Name ille, KY	
st Build-out Date 09-06-2010	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

#### 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.

Call Sign: WQDI528

File Number:

**Print Date:** 

700 MHz Relicensed Area Information:

Market

**Market Name** 

**Buildout Deadline** 

**Buildout Notification** 

Status

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW NEW CINGULAR WIRELESS PCS, LLC 208 S AKARD ST., RM 1015 DALLAS, TX 75202

Call Sign WQFA869	File Number
Radio CW - PCS	Service Broadband
CW - 1 CB	Droudound

FCC Registration Number (FRN): 0003291192

<b>Grant Date</b> 04-11-2017	Effective Date 08-31-2018	Expiration Date 04-28-2027	Print Date
Market Number BTA263	Chan	nel Block E	Sub-Market Designator
		t Name ille, KY	
st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

#### 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.

Call Sign: WQFA869

File Number:

**Print Date:** 

700 MHz Relicensed Area Information:

Market

**Market Name** 

**Buildout Deadline** 

**Buildout Notification** 

Status

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW NEW CINGULAR WIRELESS PCS, LLC 208 S AKARD ST., RM 1015 DALLAS, TX 75202

Call Sign WQGA817	File Number
<b>Radio</b> AW - AWS (171 2110-21	

FCC Registration Number (FRN): 0003291192

<b>Grant Date</b> 11-29-2006	Effective Date 08-31-2018	Expiration Date 11-29-2021	Print Date
Market Number CMA446	Char	nnel Block A	Sub-Market Designator
	2019	et Name 4 - Spencer	
st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Dat

#### 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.

Call Sign: WQGA817

File Number:

**Print Date:** 

700 MHz Relicensed Area Information:

Market

**Market Name** 

**Buildout Deadline** 

**Buildout Notification** 

Status

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW NEW CINGULAR WIRELESS PCS, LLC 208 S AKARD ST. RM 1015 DALLAS, TX 75202

Call Sign WQGD757	File Number
	Service
AW - AWS (171	0-1755 MHz and
2110-21:	55 MHz)

FCC Registration Number (FRN): 0003291192

<b>Grant Date</b> 12-18-2006	Effective Date 02-20-2019	Expiration Date 12-18-2021	Print Date
Market Number BEA070	Chann	el Block	Sub-Market Designator
	Market Louisville		
st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

#### Waivers/Conditions:

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

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

#### Conditions:

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

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

Call Sign: WQGD757

File Number:

**Print Date:** 

700 MHz Relicensed Area Information:

Market

**Market Name** 

**Buildout Deadline** 

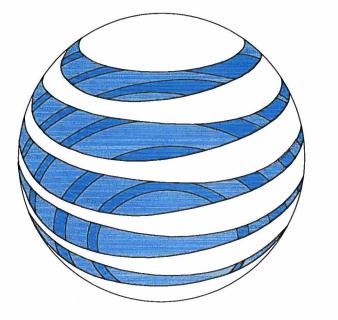
**Buildout Notification** 

Status

### **EXHIBIT B**

## **SITE DEVELOPMENT PLAN:**

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



at&t

**SITE NAME:** 

PENICK

**SCALE: NONE** 

FA NUMBER:

10589975

PROPOSED RAW LAND SITE WITH 195' MONOPOLE WITH A 4' LIGHTNING ARRESTOR AND INSTALLATION OF A CELLXION 8'-0" X 8'-0" SHELTER WITH A GENERAC 30KW DIESEL GENERATOR ON AN 10'-0" X 16'-8" CONCRETE FOUNDATION



VICINITY MAP

#### **DRIVE DIRECTIONS**

FROM MARION COUNTY CLERK, 223 NORTH SPALDING AVENUE, SUITE 102, LEBANON, KENTUCKY 40033:

HEAD SOUTHEAST ON N SPALDING AVE TOWARD MARTIN LUTHER KING AVE TURN LEFT AT THE 2ND CROSS STREET ONTO US-68 E/E MAIN ST TURN LEFT ONTO HOURIGAN LN

ARRIVE AT SITE, ON THE LEFT

## E, SUITE 102,

**499 FEET** 

7.7 MILES

0.3 MILES

SITE ADDRESS: 325 HOURIGAN LANE LEBANON, KY 40033

COUNTY:

LEBANON, KY 40

PROJECT INFORMATION

NEW CINGULAR WIRELESS PCS, LLC, A DELAWARE LIMITED LIABILITY COMPANY, D/B/A AT&T MOBILITY MEIDINGER TOWER 462 S. 4TH STREET, SUITE 2400 LOUISVILLE, KY 40202

LATITUDE: 37° 35' 12.75" LONGITUDE: -85° 07' 18.78"

1-800-752-6007

PER KENTUCKY STATE LAW, IT IS AGAINST THE LAY TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2)

#### SCOPE OF WORK:

CONSTRUCTION DRAWINGS FOR: CONSTRUCTION OF A NEW UNMANNED TELECOMMUNICATIONS FACILITY.

SITE WORK: NEW TOWER, UNMANNED SHELTER & GENERATOR ON A CONCRETE FOUNDATION, AND UTILITY INSTALLATIONS.

## SHEET INDEX

T-1 TITLE SHEET & PROJECT INFORMATION

| SURVEY: | B-1 | SITE SURVEY | B-1.1 | SITE SURVEY | B-1.2 | SITE SURVEY | B-1.3 | SITE SURVEY | B-1.5 | SITE SURVEY | B-1.5 | SITE SURVEY |

-2 500' RADIUS AND ABUTTERS MAP

CIVIL:

OVERALL SITE LAYOUT
OVERALL SITE LAYOUT -CONT'D
ENLARGED COMPOUND LAYOUT
TOWER ELEVATION

#### CONTACT INFORMATION

FIRE DEPARTMENT
LEBANON FIRE DEPARTMENT
PHONE: (270) 695-26830

POLICE DEPARTMENT MARION COUNTY SHERIFF PHONE: (270) 692-3051

ELECTRIC COMPANY INTER COUNTY ENERGY PHONE: (270) 692-3761

TELEPHONE COMPANY WINDSTREAM PHONE: (502) 519-3166

#### **BUILDING CODES AND STANDARDS**

CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE LOCATION.

- CONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:
- AMERICAN CONCRETE INSTITUTE 318
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL OF STEEL CONSTRUCTION
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION TIA-222
- STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND SUPPORTING STRUCTURES TIA-601
- COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS
- INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS IEEE-81, IEEE 1100, IEEE C62.41
- ANSI T1.311, FOR TELECOM DC POWER SYSTEMS -TELECOM, ENVIRONMENTAL PROTECTION
- 2018 KBC
- 2014 N

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN.



ZONING DRAWINGS

REV DATE DESCRIPTION

A 2.4.19 ISSUED FOR REVIEW

0 6.24.19 ISSUED AS FINAL

SITE INFORMATION:

PENICK

325 HOURIGAN LANE LEBANON, KY 40033

MARION COUNTY

FA NUMBER: 10589975

POD NUMBER: 18-26565

 DRAWN BY:
 KDP

 CHECKED BY:
 MEP

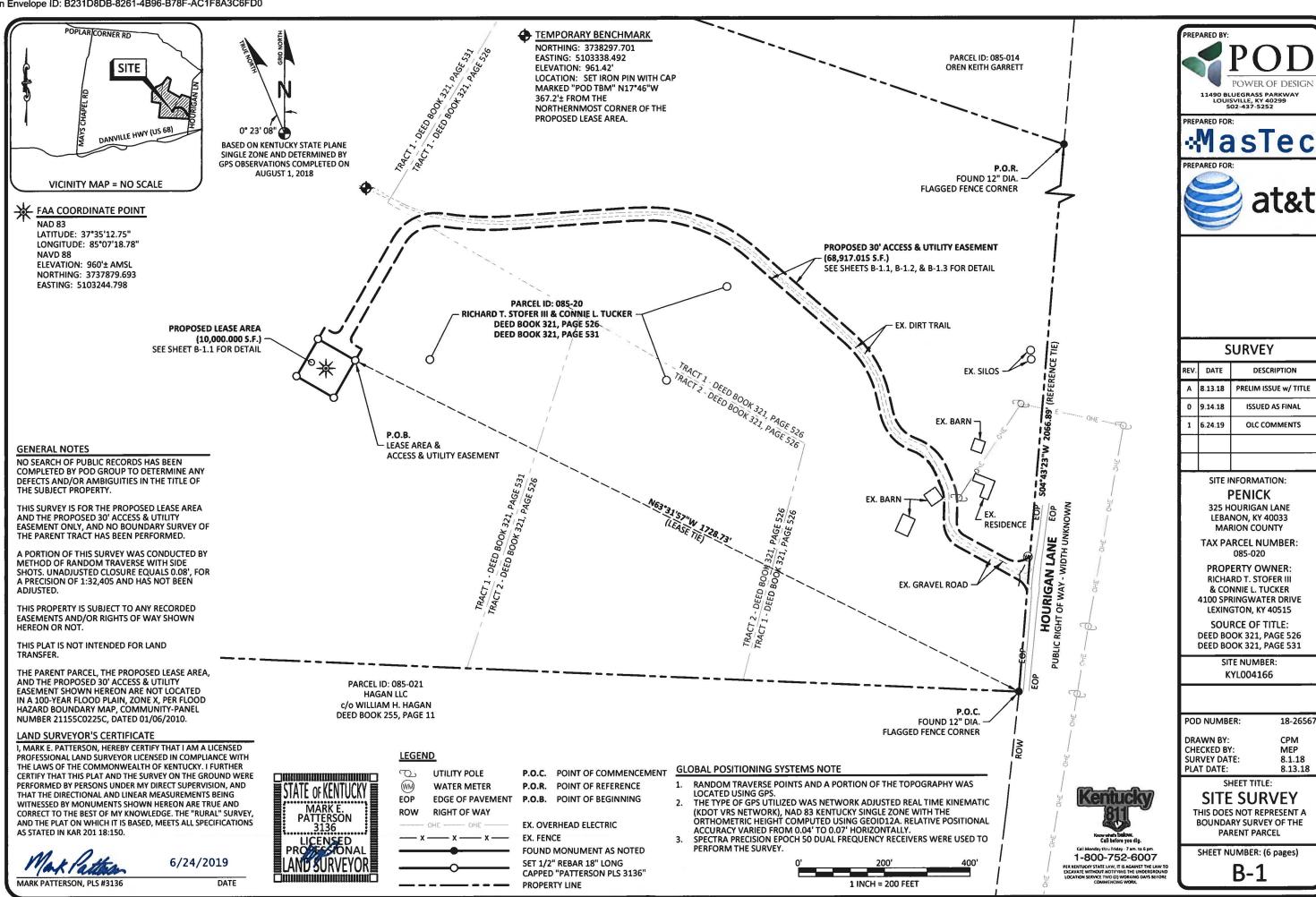
 DATE:
 2.1.19

SHEET TITLE:

TITLE SHEET
& PROJECT
INFORMATION

SHEET NUMBER:

1-1

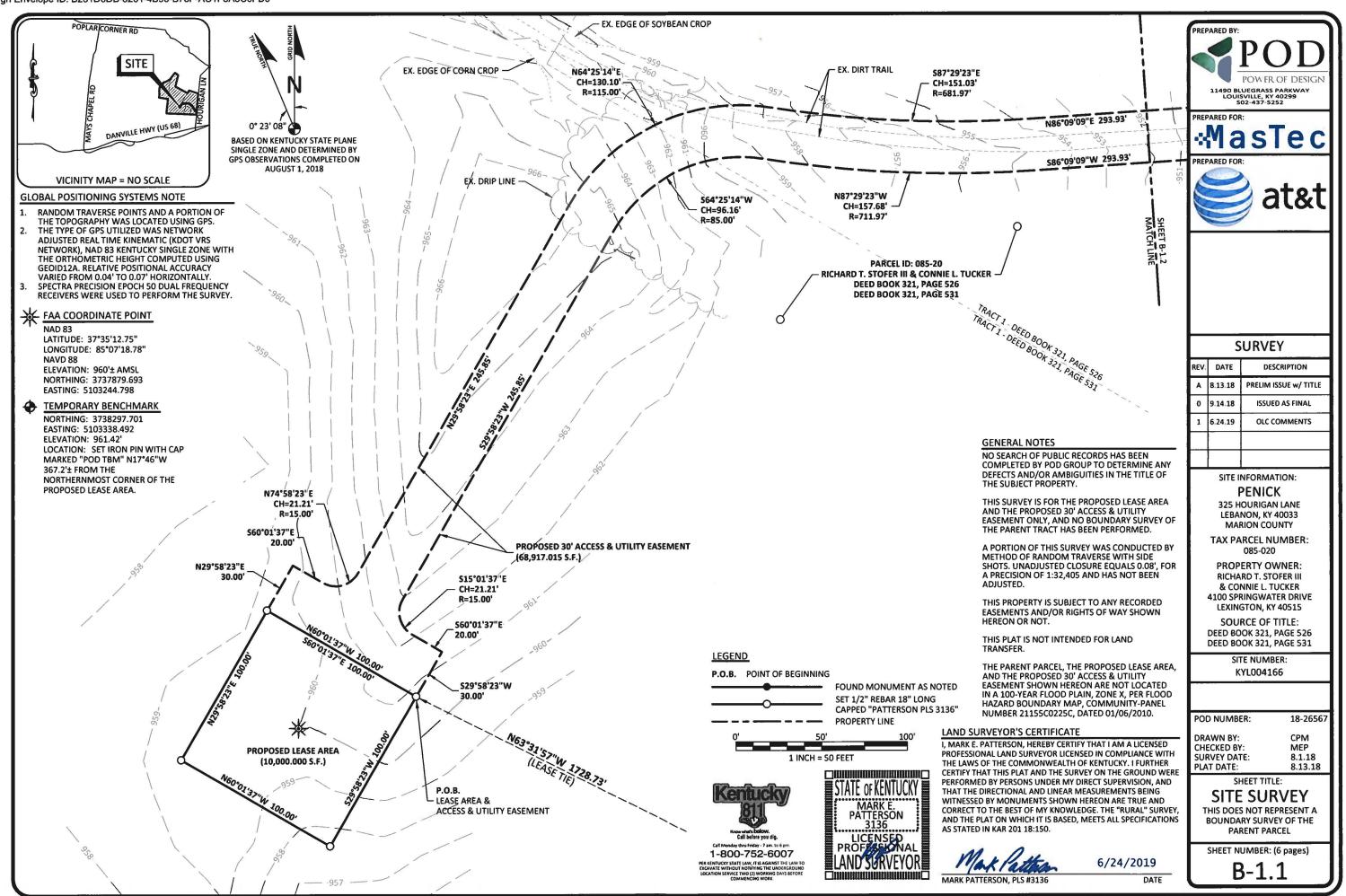


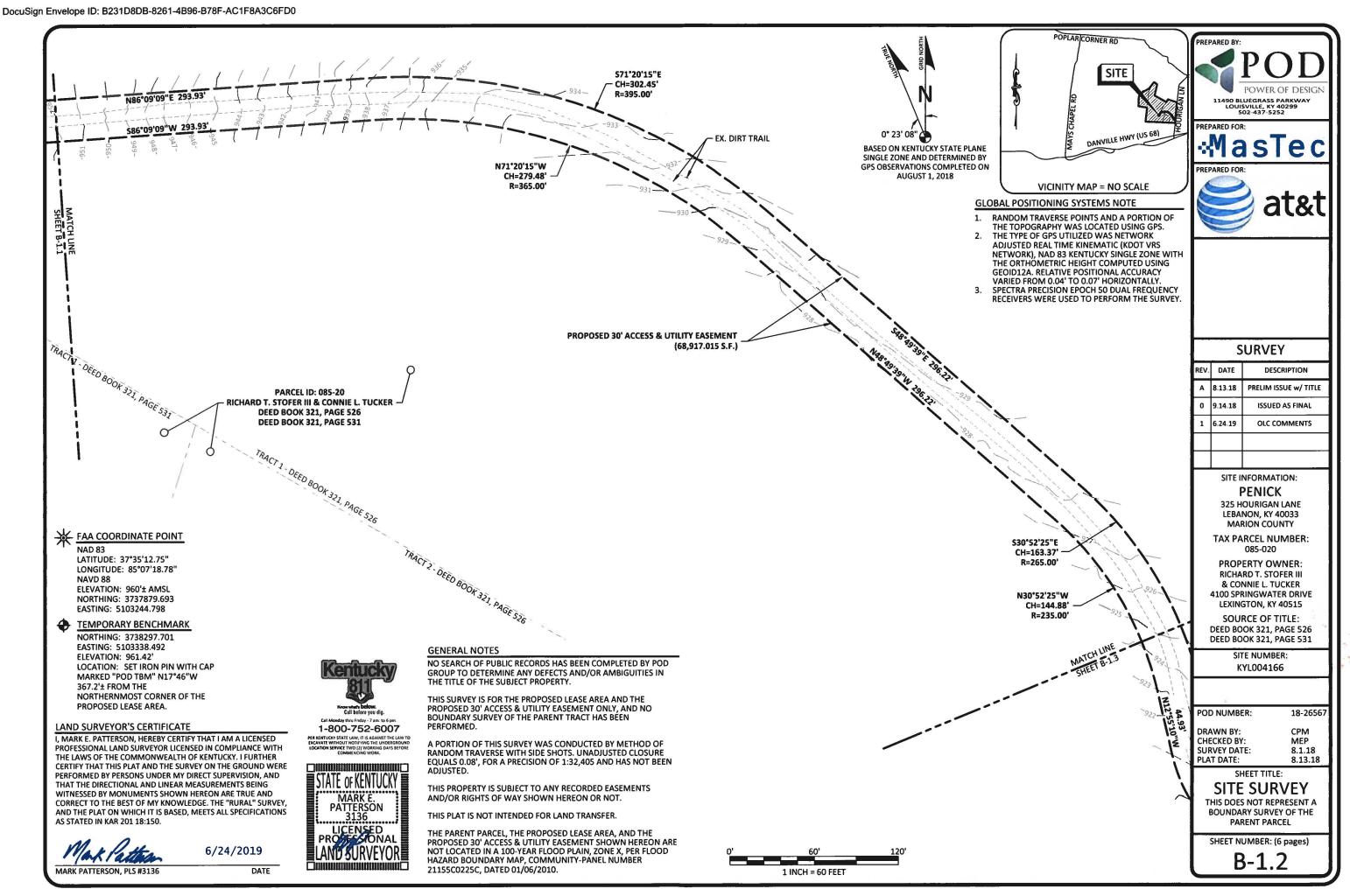
18-26567

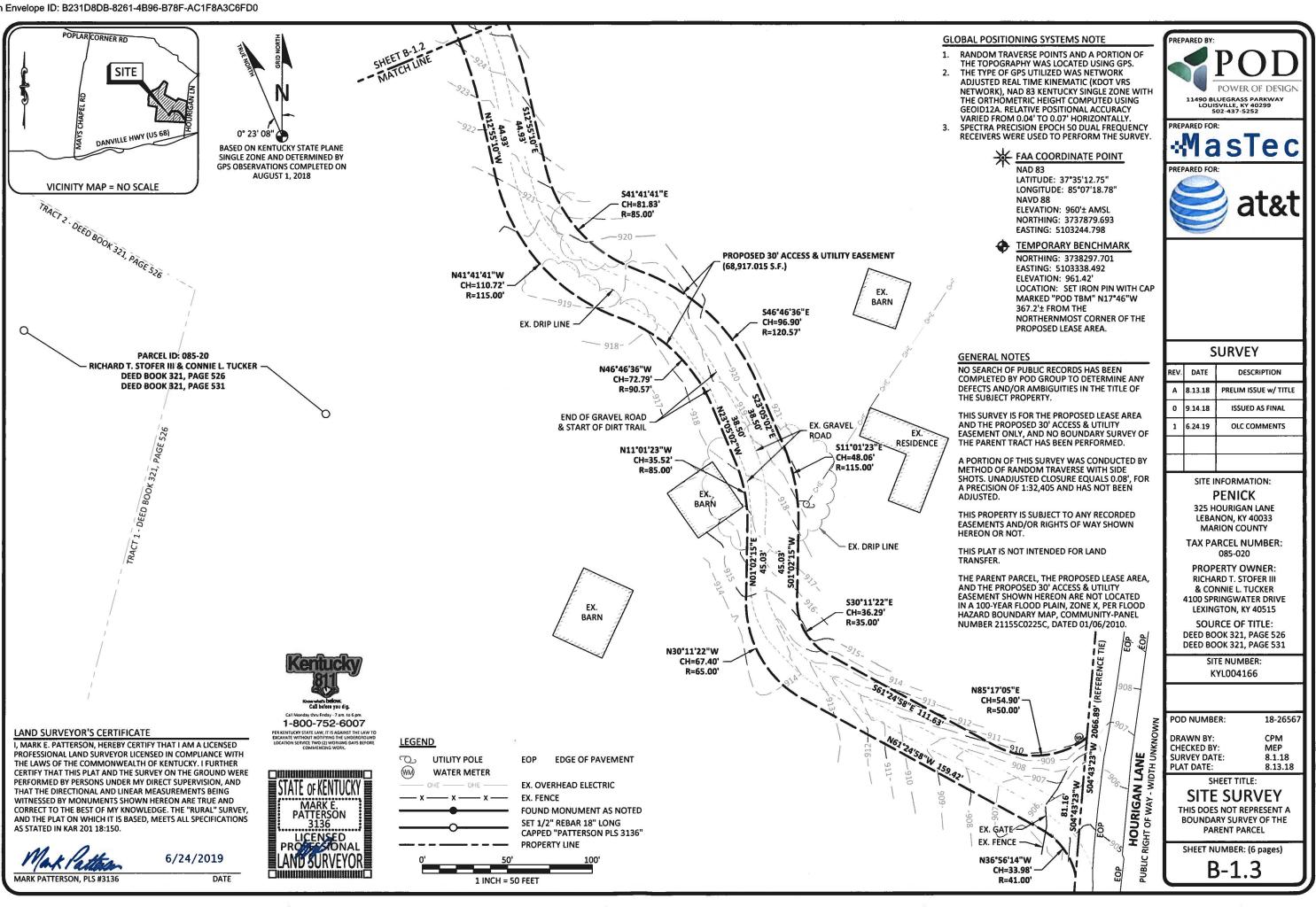
CPM

MEP

8.13.18







#### **LEGAL DESCRIPTIONS**

#### PROPOSED LEASE AREA

THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED LEASE AREA TO BE LEASED FROM THE PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE L. TUCKER AS RECORDED IN DEED BOOK 321, PAGE 526 AND DEED BOOK 321, PAGE 531, PARCEL ID: 085-20, WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON AUGUST 1, 2018

COMMENCING AT A FOUND 12" DIAMETER FLAGGED FENCE CORNER IN THE SOUTHEAST CORNER OF THE PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE L. TUCKER AS RECORDED IN DEED BOOK 321, PAGE 526 (TRACT 1), BEING PART OF PARCEL ID: 085-20, SAID FENCE CORNER ALSO BEING THE NORTHEAST CORNER OF PROPERTY CONVEYED TO HAGAN LLC AS RECORDED IN DEED BOOK 255, PAGE 11, SAID FENCE CORNER ALSO BEING IN THE WEST RIGHT OF WAY LINE OF HOURIGAN LANE, SAID FENCE CORNER FOR REFERENCE BEING S04°43'23"W 2066.89' FROM A FOUND 12" DIAMETER FENCE CORNER IN THE NORTHEAST CORNER OF AFOREMENTIONED PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE L. TUCKER IN DEED BOOK 321, PAGE 526 (TRACT 1); THENCE TRAVERSING SAID PROPERTY CONVEYED TO STOFER AND TUCKER N63°31'57"W 1728.73' TO A SET 1/2" REBAR 18" LONG CAPPED "PATTERSON PLS 3136", HEREAFTER REFERRED TO AS A "SET IPC", IN THE EASTERNMOST CORNER OF THE PROPOSED LEASE AREA AND BEING THE TRUE POINT OF BEGINNING: THENCE \$29°58'23"W 100.00' TO A "SET IPC": THENCE N60°01'37"W 100.00' TO A "SET IPC": THENCE N29°58'23"E 100.00' TO A "SET IPC": THENCE S60°01'37"E 100.00' TO THE TRUE POINT OF BEGINNING, CONTAINING 10,000.000 SQUARE FEET AS PER SURVEY BY MARK PATTERSON, PLS #3136 WITH POWER OF DESIGN GROUP, LLC DATED AUGUST 1, 2018.

#### **PROPOSED 30' ACCESS & UTILITY EASEMENT**

THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED 30' ACCESS & UTILITY EASEMENT TO BE GRANTED ON THE PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE L. TUCKER AS RECORDED IN DEED BOOK 321, PAGE 526 AND DEED BOOK 321, PAGE 531, PARCEL ID: 085-20, WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON AUGUST 1, 2018.

COMMENCING AT A FOUND 12" DIAMETER FLAGGED FENCE CORNER IN THE SOUTHEAST CORNER OF THE PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE L. TUCKER AS RECORDED IN DEED BOOK 321, PAGE 526 (TRACT 1), BEING PART OF PARCEL ID: 085-20, SAID FENCE CORNER ALSO BEING THE NORTHEAST CORNER OF PROPERTY CONVEYED TO HAGAN LLC AS RECORDED IN DEED BOOK 255, PAGE 11, SAID FENCE CORNER ALSO BEING IN THE WEST RIGHT OF WAY LINE OF HOURIGAN LANE, SAID FENCE CORNER FOR REFERENCE BEING \$04°43'23"W 2066.89' FROM A FOUND 12" DIAMETER FENCE CORNER IN THE NORTHEAST CORNER OF AFOREMENTIONED PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE L. TUCKER IN DEED BOOK 321, PAGE 526 (TRACT 1); THENCE TRAVERSING SAID PROPERTY CONVEYED TO STOFER AND TUCKER N63°31'57"W 1728.73' TO A SET 1/2" REBAR 18" LONG CAPPED "PATTERSON PLS 3136", HEREAFTER REFERRED TO AS A "SET IPC", IN THE EASTERNMOST CORNER OF THE PROPOSED LEASE AREA AND BEING THE TRUE POINT OF BEGINNING: THENCE WITH SAID PROPOSED LEASE AREA N60°01'37"W 100.00' TO A "SET IPC"; THENCE LEAVING SAID LEASE AREA, N29°58'23"E 30.00'; THENCE S60°01'37"E 20.00'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 15.00', N74°58'23"E 21.21'; THENCE N29°58'23"E 245.85'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 115.00', N64°25'14"E 130.10'; THENCE WITH THE CHORD OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 681.97', S87°29'23"E 151.03'; THENCE N86°09'09"E 293.93'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 395.00', S71°20'15"E 302.45'; THENCE S48°49'39"E 296.22'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 265.00', \$30°52'25"E 163.37'; THENCE \$12°55'10"E 44.93'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 85.00', S41°41'41"E 81.83', THENCE WITH THE CHORD OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 120.57', S46°46'36"E 96.90'; THENCE \$23°05'02"E 38.50'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 115.00', \$11°01'23"E 48.06'; THENCE S01°02'15"W 45.03': THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 35.00', S30°11'22"E 36.29': THENCE S61°24'58"E 111.63', THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 50.00', N85°17'05"E 54.90' TO A POINT IN THE EAST LINE OF THE AFOREMENTIONED PROPERTY CONVEYED TO STOFER AND TUCKER; THENCE WITH SAID EAST LINE OF STOFER AND TUCKER S04°43'23"W 81.16'; THENCE LEAVING SAID EAST LINE AND TRAVERSING SAID PROPERTY OF STOFER AND TUCKER WITH THE CHORD OF A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 41.00', N36°56'14"W 33.98'; THENCE N61°24'58"W 159.42'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 65.00', N30°11'22"W 67.40'; THENCE N01°02'15"E 45.03'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 85.00', N11°01'23"W 35.52'; THENCE N23°05'02"W 38.50'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 90.57', N46°46'36"W 72.79'; THENCE WITH THE CHORD OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 115.00', N41°41'41"W 110.72'; THENCE N12°55'10"W 44.93'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 235.00', N30°52'25"W 144.88'; THENCE N48°49'39"W 296.22'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 365.00'. N71°20'15"W 279.48': THENCE S86°09'09"W 293.93': THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 711.97' N87°29'23"W 157.68'; THENCE WITH THE CHORD OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 85.00', S64°2S'14"W 96.16'; THENCE S29°58'23"W 245.85'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 15.00', S15°01'37"E 21.21'; THENCE S60°01'37"E 20.00', THENCE S29°58'23"W 30.00' TO THE TRUE POINT OF BEGINNING, CONTAINING 68,917.015 SQUARE FEET AS PER SURVEY BY MARK PATTERSON, PLS #3136 WITH POWER OF DESIGN GROUP, LLC DATED AUGUST 1, 2018.

MARK E.

## LAND SURVEYOR'S CERTIFICATE

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



6/24/2019

DATE



#### AS RECORDED IN DEED BOOK 231 PAGE 526:

#### FIRST TRACT:

BEGINNING AT A STAKE, CORNER TO JAMES HOURIGAN LAND, THENCE S. 75 E. 60.72 POLES TO A STONE IN THE ROAD, CORNER TO SAME, THENCE S. 1. W. 125 POLES, THENCE S. 88 1/2 W. 40 POLES, THENCE N. 11 E. 34.52 POLES TO A STAKE, THENCE N. 63 1/2 W. 68 POLES TO A STONE, COMER TO GEORGE MOORE LAND, THENCE N. 27 ½ E. 87 POLES TO THE BEGINNING, CONTAINING 54 ½ ACRES, MORE OR LESS.

#### SECOND TRACT:

ON LANDERS CREEK AND BEGINNING AT A STAKE IN THE OLD SPRINGFIELD ROAD AND CORNER TO MYERS LAND, THENCE S. 11 W. 34.72 POLES TO A STAKE, CORNER TO SAME IN A. HOURIGAN LAND, THENCE S. 89 ½ W. 38.50 POLES TO A STONE, CORNER TO SAID MOORE, THENCE N. 13 ½ E. 53.56 POLES TO A STONE IN SAID OLD ROAD AND CORNER TO SAME, THENCE S. 63 1/2 37.10 POLES TO THE BEGINNING, CONTAINING 10 ACRES, MORE OR LESS. SAID LAND IS SOLD AND CONVEYED SUBJECT TO THE SAME RESERVATION AS THE PASSWAY SET OUT IN THE DEED FROM W.W. MYERS AND WIFE TO J.B. EVANS OF DATE FEBRUARY 7, 1882, OF RECORD IN MARION COUNTY COURT CLERK'S OFFICE IN DEED BOOK 12 AT PAGE 608.

#### THIRD TRACT:

BEGINNING AT WITHDOW'S CORNER IN CENTER OF ROAD, THENCE S. 60 % E. 64 POLES, S. 75 E. 40 POLES, THENCE S. 15 W; 13 % POLES TO A STAKE, CORNER TO Q.M. CHANDLER'S LAND, THENCE WITH LINE OF SAME W. 8 POLES TO GRAVEYARD, N. 4 E. 5 POLES, THENCE WEST 9 1/2 POLES. THENCE S. 4 W. 5 POLES. THENCE W. 74 ½ POLES TO A STAKE IN THE ROAD, CORNER TO Q.M. CHANDLER'S LAND, THENCE WITH LINE OF J.T. RANEY'S LAND AND CENTER OF ROAD N. 2 E. 39 1/2 POLES TO A STAKE IN THE CENTER OF SAID ROAD, THENCE N. 2 E. 14 POLES AND 21 LINKS TO THE PLACE OF BEGINNING, CONTAINING 18 ACRES, MORE OR LESS.

THE ABOVE THREE TRACTS OF LAND CONTAIN IN ALL 82.50 ACRES, MORE OR LESS, BUT SUBJECT TO ALL LEGAL HIGHWAYS.

#### AS RECORDED IN DEED BOOK 321 PAGE 531:

BEGINNING, CONTAINING 35 ACRES, MORE OR LESS.

LINE N 61 W 32 POLES TO THE BEGINNING, CONTAINING 112 ACRES MORE OR LESS.

TWO CERTAIN TRACTS OF LAND LYING IN THE WATERS OF LICK RUN IN MARION COUNTY, KENTUCKY, AND BOUNDED AND DESCRIBED AS

FIRST: BEGINNING AT A STONE ON THE SOUTH SIDE OF OLD ROAD AT THE GATE THENCE N. 28 E. 67 76 POLES TO A STONE IN GLASSCOCK'S LINE AND CORNER TO PUTNAM (NOW RILEY) LAND, THENCE WITH RILEY'S LINE N. 64 ¼ W. 81.56 POLES TO A STONE, CORNER TO RILEY, THENCE N. 11 E 69.03 POLES TO A STONE, CORNER TO RILEY, THENCE N. 57 W, 23.32 POLES TO THE CENTER OF LICK RUN TO THE CORNER OF DUDGEON, THENCE S. 49 W. 5.88 POLES TO A STONE IN LINE OF DUDGEON, THENCE S. 33 % W 37.60 POLES TO SUGAR TREE AND HORN BEAN, CORNER IN DUDGEON LINE AND CORNER TO A.O. WAYNE LAND, THENCE S. 3 W. 117.76 POLES TO A SLONE, CORNER TO MRS. CHRISTIE, THENCE SAME COURSE S. 3. W. 82.24 POLES TO LARGE CORNER POST, A CORNER TO PAUL HOURIGAN, THENCE WITH HOURIGAN'S LINE N. 89 1/2 E. 102 POLES TO A STONE, IN LINE OF HOURIGAN AND A CORNER TO A.C. GLASSCOCK, THENCE WITH GLASSCOCK LINE N. 15 1/2 E. 50 POLES TO A STONE ON SIDE OF OLD ROAD, THENCE ALONG ROAD

SECOND: BEGINNING AT A SUGAR TREE AND HORN BEAN, CORNER TO FIRST TRACT ON THE EAST SIDE OF LICK RUN. THENCE S. 3. W. 117.76 POLES TO THE STONE ON HILL, CORNER TO MRS. CHRISTIE, THENCE WITH CHRISTIE'S LINE N. 84 W 53 ½ POLES LO STONE TO BE PLANTED AT A SMALL BRANCH NEAR A SMALL ELM, THENCE WITH A NEW LINE N 4 ½ E 20 POLES, N. 11 W. 16.60 POLES TO A PLUM TREE, THENCE N. 2 ½ E. 16 POLES, N. 8 E. 10 68 POLES TO POINT ON LICK RUN, AND DOWN SAME N 37 ½ E 36 POLES, N 71E. 16.52 POLES, N. 55 ½ E 26.16 POLES TO THE





#### **SURVEY**

Α		
^	8.13.18	PRELIM ISSUE w/ TITLE
0	9,14.18	ISSUED AS FINAL
1	6.24.19	OLC COMMENTS

#### SITE INFORMATION:

## PENICK

325 HOURIGAN LANE LEBANON, KY 40033 **MARION COUNTY** 

TAX PARCEL NUMBER 085-020

PROPERTY OWNER: **RICHARD T. STOFER III** & CONNIE L. TUCKER 4100 SPRINGWATER DRIVE LEXINGTON, KY 40515

SOURCE OF TITLE: DEED BOOK 321, PAGE 526 **DEED BOOK 321, PAGE 531** 

> SITE NUMBER: KYL004166

POD NUMBER:

18-26567 CPM

DRAWN BY: CHECKED BY: SURVEY DATE: PLAT DATE:

MFP 8.13.18

SHEET TITLE:

## SITE SURVEY

THIS DOES NOT REPRESENT A **BOUNDARY SURVEY OF THE** PARENT PARCEL

SHEET NUMBER: (6 pages)

#### TITLE OF COMMITMENT (PARCEL ID: 085-020)

THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY POD GROUP, LLC. AND AS SUCH WE ARE NOT RESPONSIBLE FOR THE INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, UNRECORDED EASEMENTS, AUGMENTING EASEMENTS, IMPLIED OR PRESCRIPTIVE EASEMENTS, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE AND THIS SURVEY WAS COMPLETED WITH THE AID OF TITLE WORK PREPARED BY US TITLE SOLUTIONS. FOR THE BENEFIT OF AT&T MOBILITY, FILE NO. 59576-KY1803-5030, FA 10589975, EFFECTIVE DATE OF APRIL 12, 2018. THE FOLLOWING COMMENTS ARE IN REGARD TO SAID REPORT.

#### **SCHEDULE B**

1. TAXES, TAX LIENS, TAX SALES, WATER RATES, SEWER AND ASSESSMENTS SET FORTH IN SCHEDULE HEREIN.

TAX ID: 085-020 / 77976 PAYMENT STATUS: PAID

PERIOD: 2017 TAX AMOUNT:

\$1056.89

(NOT A LAND SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)

- 2. MORTGAGES RETURNED HEREIN. (NONE WITHIN PERIOD SEARCHED.)
- 3. ANY STATE OF FACTS WHICH AN ACCURATE SURVEY MIGHT SHOW OR SURVEY EXCEPTIONS SET FORTH HEREIN. (POD GROUP, LLC DID NOT PERFORM A BOUNDARY SURVEY OF THE PARENT PARCEL, AND THEREFORE CANNOT ADDRESS THIS ITEM.)
- 4. RIGHTS OF TENANTS OR PERSON IN POSSESSION. (RIGHTS ARE NOT A LAND SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT **EXAMINE OR ADDRESS THIS ITEM.)**

#### (JUDGMENTS, LIENS AND UCC)

NOTICE OF RECOUPMENT LIEN CONNIE L. TUCKER, DEBTOR, V COMMONWEALTH OF KENTUCKY, SECURED PARTY, RECORDED 6/2/1995 IN BOOK 11 PAGE 727. (NOT A LAND SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)

#### (COVENANTS/RESTRICTIONS)

6. NONE WITHIN PERIOD SEARCHED

#### (EASEMENTS AND RIGHTS OF WAY)

7. EASEMENT BY MARIE B. GLASSCOCK AND A. C. GLASSCOCK, HER HUSBAND TO TENNESSEE GAS PIPELINE COMPANY, DATED 10/19/1961 RECORDED 11/9/1971 IN BOOK 91 PAGE 557. NOTES: EASEMENT.

(EASEMENT AS RECORDED IN BOOK 91, PAGE 557 IS 6 FEET WIDE, AND IS SAID TO HAVE ITS LOCATION SHOWN ON A PLAT ATTACHED TO SAID RECORDED DOCUMENT. SAID PLAT WAS NOT INCLUDED IN TITLE DOCUMENTS, THEREFORE POD GROUP, LLC COULD NOT EXAMINE OR ADDRESS THIS ITEM.)

#### (OTHER FILED DOCUMENTS)

RESERVATION OF PASSWAY SET FORTH IN DEED BOOK 12 PAGE 608 NOTES: BEST COPY AVAILABLE.

(DOCUMENT AS RECORDED IN DEED BOOK 12, PAGE 608 IS ILLEGIBLE, THEREFORE THE PASSWAY RESERVATION SET FORTH IN SAID DOCUMENT COULD NO BE PLOTTED, AND POD GROUP, LLC COULD NOT EXAMINE OR ADDRESS THIS ITEM.)

#### LAND SURVEYOR'S CERTIFICATE

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



6/24/2019 DATE









#### **SURVEY**

REV.	DATE	DESCRIPTION
Α	8.13.18	PRELIM ISSUE w/ TITLE
0	9.14.18	ISSUED AS FINAL
1	6.24.19	OLC COMMENTS

#### SITE INFORMATION:

#### PENICK

325 HOURIGAN LANE LEBANON, KY 40033 MARION COUNTY

**TAX PARCEL NUMBER:** 085-020

PROPERTY OWNER: RICHARD T. STOFER III & CONNIE L. TUCKER 4100 SPRINGWATER DRIVE LEXINGTON, KY 40515

SOURCE OF TITLE: DEED BOOK 321, PAGE 526 DEED BOOK 321, PAGE 531

> SITE NUMBER: KYL004166

POD NUMBER:

18-26567

DRAWN BY: CHECKED BY: SURVEY DATE: PLAT DATE:

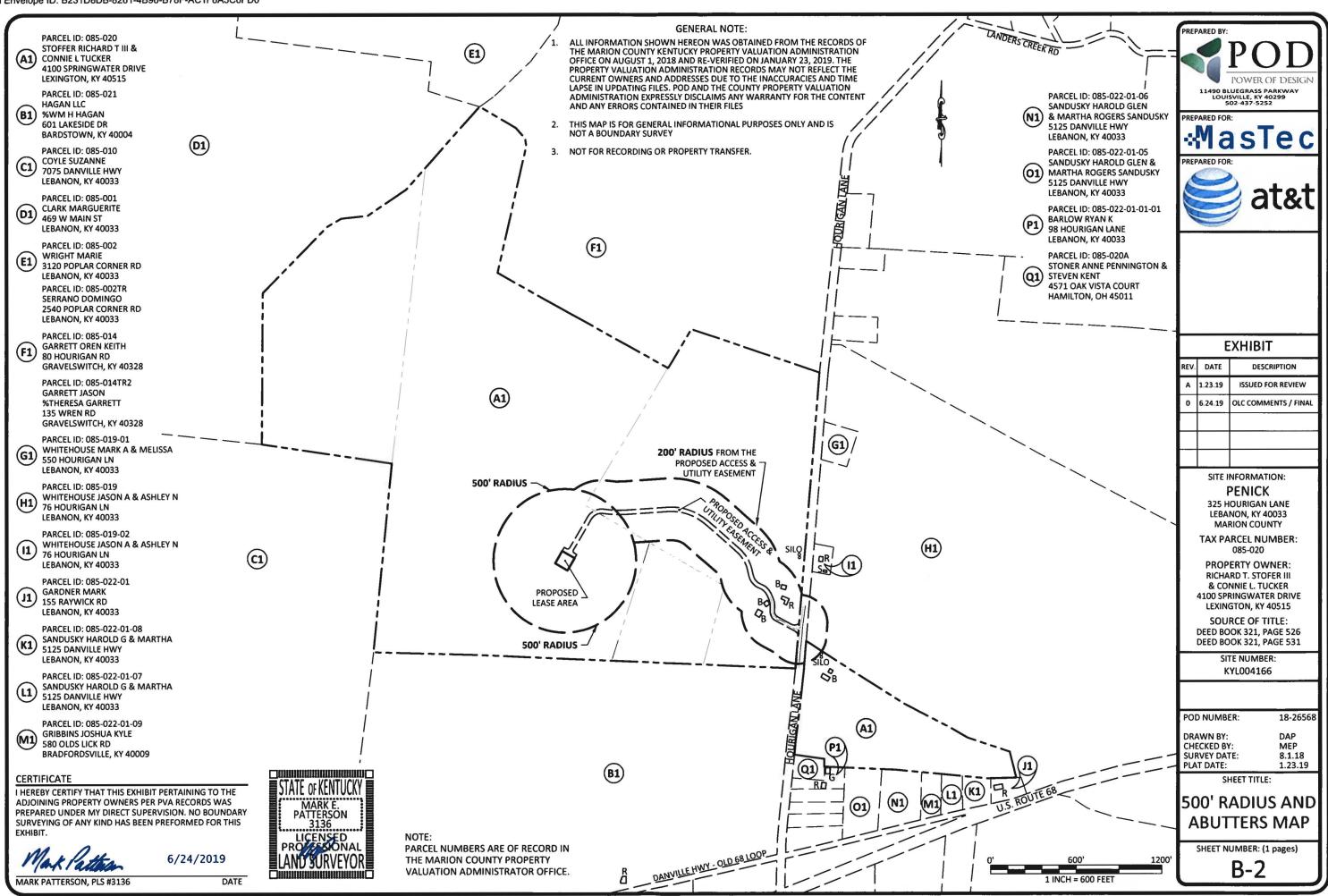
CPM MEP 8.1.18 8.13.18

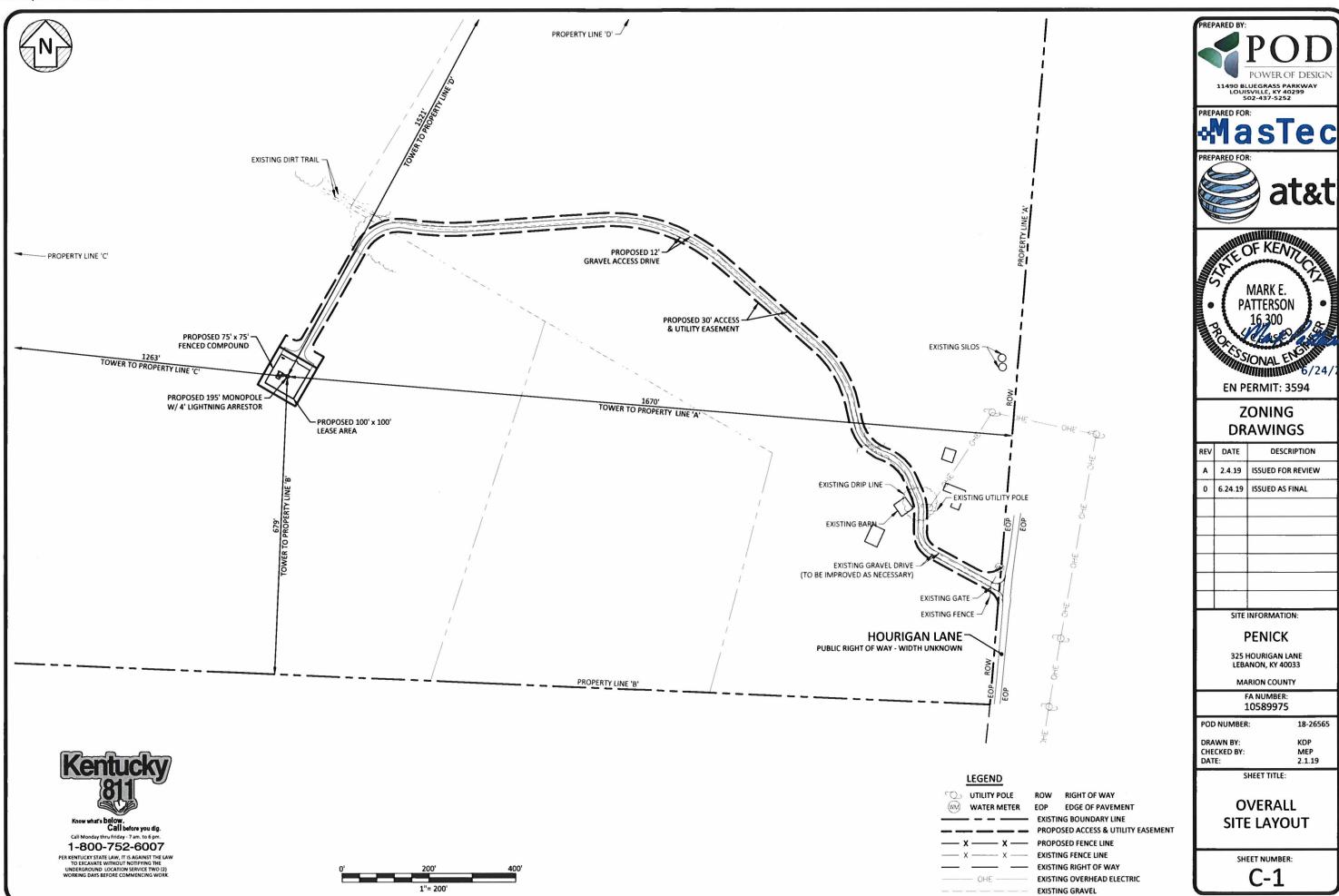
SHEET TITLE:

#### SITE SURVEY THIS DOES NOT REPRESENT A

**BOUNDARY SURVEY OF THE** PARENT PARCEL

SHEET NUMBER: (6 pages)

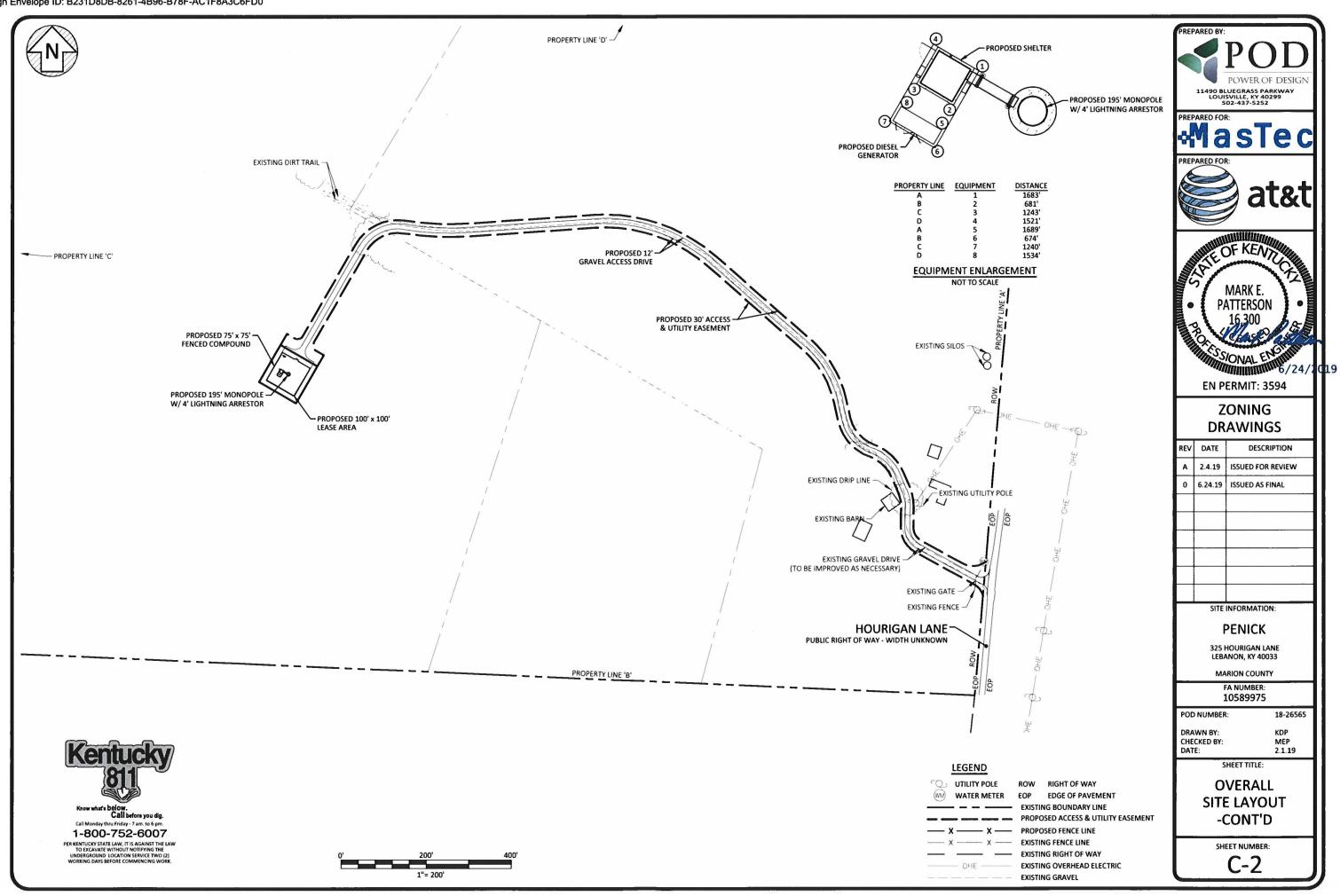


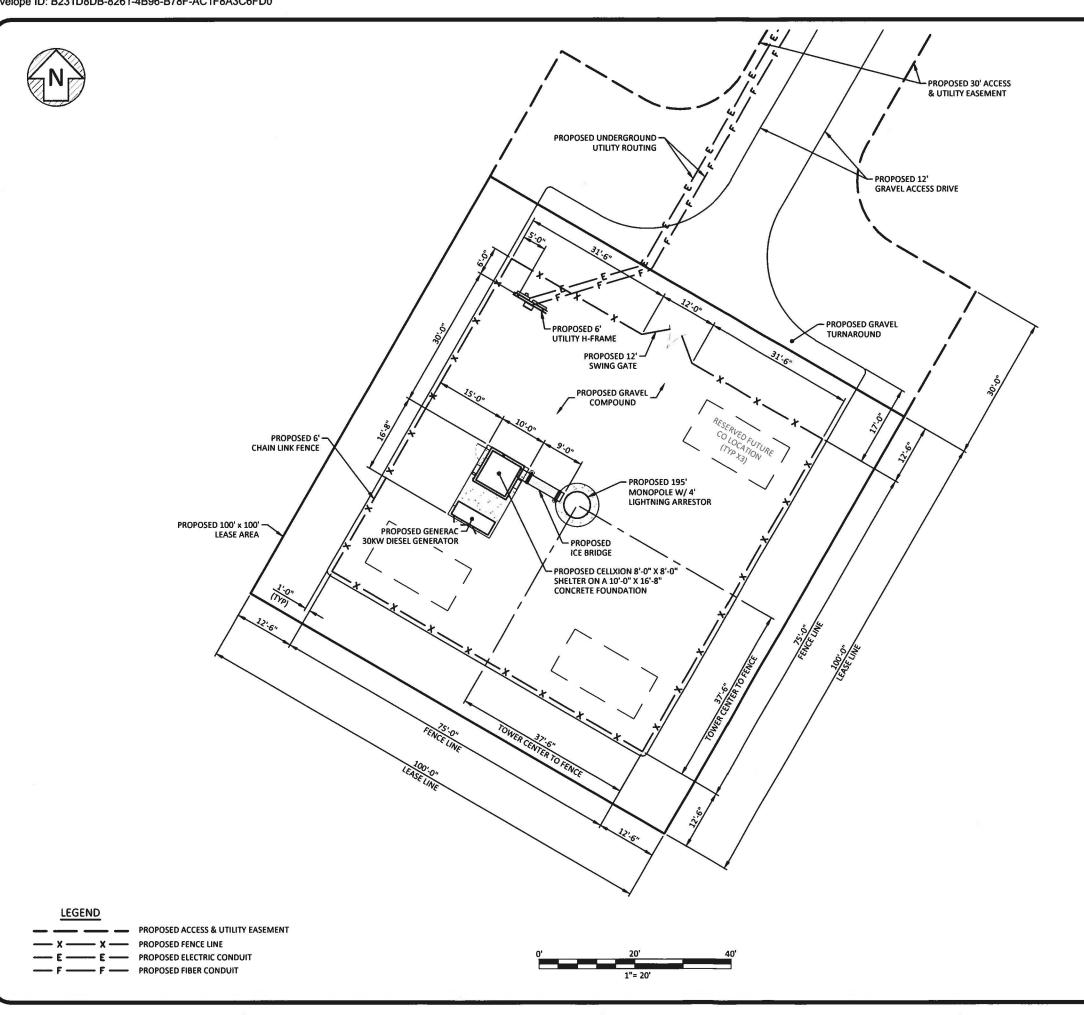


DESCRIPTION

18-26565

MEP 2.1.19







## SITE INFORMATION: PENICK

325 HOURIGAN LANE LEBANON, KY 40033

MARION COUNTY

FA NUMBER: 10589975

POD NUMBER:

UMBER: 18-26565

DRAWN BY: CHECKED BY: DATE:

1-800-752-6007

PER KENTUCKY STATE LAW TO EXCAVATE WITHOUT NOTIFING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK MEP 2.1.19

SHEET TITLE:

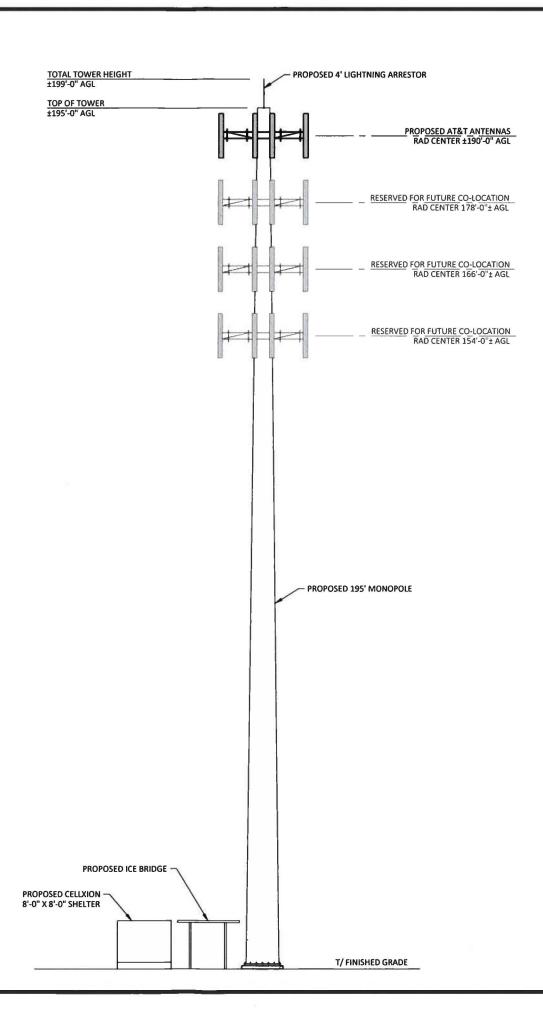
ENLARGED COMPOUND LAYOUT

SHEET NUMBER:

C-3

#### **TOWER NOTES:**

- 1. THE PROPOSED TOWER, FOUNDATION, ANTENNA MOUNTS, AND ANTENNAS WERE DESIGNED BY OTHERS.
- 2. THE TOWER ELEVATION SHOWN IS FOR REFERENCE ONLY.
- 3. SEE TOWER MANUFACTURER'S DRAWINGS FOR TOWER AND FOUNDATION DETAILS & SPECIFICATIONS.
- 4. MANUFACTURER'S DRAWINGS SUPERCEDE A&E DRAWINGS.







#### EN PERIVIT. 339

## ZONING DRAWINGS

DK	AWINGS				
DATE	DESCRIPTION				
2.4.19	ISSUED FOR REVIEW				
6.24.19	ISSUED AS FINAL				
SITE	INFORMATION:				
	DATE 2.4.19 6.24.19				

#### **PENICK**

325 HOURIGAN LANE LEBANON, KY 40033

MARION COUNTY

FA NUMBER: 10589975

POD NUMBER:

18-26565

DRAWN BY: CHECKED BY: DATE: KDP MEP 2.1.19

SHEET TITLE:

TOWER ELEVATION

SHEET NUMBER:

C-4

# **EXHIBIT C TOWER AND FOUNDATION DESIGN**



December 20th, 2018

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

RE: Site Name – Penick
Proposed Cell Tower
37 35 12.75 North Latitude, 85 07 18.78 West Longitude

#### **Dear Commissioners:**

The Project / Construction Manager for the proposed new communications facility will be Don Murdock. His contact information is (615) 207-8280 or <a href="mailto:Don.Murdock@mastec.com">Don.Murdock@mastec.com</a>

Don has been in the industry completing civil construction and constructing towers since 2009. He has worked at Mastec Network Solutions since 2009 completing project and construction management on new site build projects.

Thank you,

Don Murdock, Sr. Project Manager – Tennessee/Kentucky Market

**MasTec Network Solutions** 

(615) 207-8280



## **Structural Design Report**

195' Monopole Site: Penick, KY

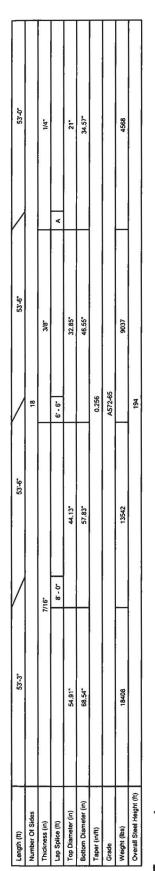
Prepared for: AT&T by: Sabre Towers & Poles ™

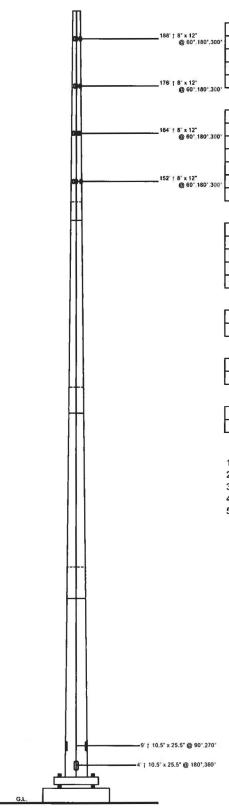
Job Number: 425474

January 21, 2019

Monopole Profile	1
Pole Calculations	2-12







#### **Designed Appurtenance Loading**

(18) 1 5/8"
(18) 1 5/8*
(18) 1 5/8*
(18) 1 5/8*

#### Design Criteria - ANSI/TIA-222-G

ASCE 7-16 Ultimate Wind Speed (No Ice)	105 mph
Wind Speed (Ice)	30 mph
Design Ice Thickness	1.50 in
Structure Class	11
Risk Category	11
Exposure Category	С
Topographic Category	1

#### **Load Case Reactions**

Description	Axial (kips)	Shear (kips)	Moment (ft-k)	Deflection (ft)	Sway (deg)	
3s Gusted Wind	85.7	51.92	8256.93	18.04	10.78	
3s Gusted Wind 0.9 Dead	64.34	51.93	8074.84	17.51	10.43	
3s Gusted Wind&Ice	135.62	10.22	1811.63	4.21	2.48	
Service Loads	71.56	15.92	2518.11	5.63	3.32	

#### **Base Plate Dimensions**

Shape	Diameter	Thickness	Bolt Circle	Bolt Qty	Bolt Diameter
Round	81.5*	2.25*	75.75*	22	2.25*

#### **Anchor Bolt Dimensions**

Length	Diameter	Hole Diameter	Weight	Туре	Finish
84"	2.25°	2.625"	2664.2	A615-75	Galv

#### **Material List**

Display	Value
Α	4' - 9"

#### **Notes**

- 1) Antenna Feed Lines Run Inside Pole
- 2) All dimensions are above ground level, unless otherwise specified.
- 3) Weights shown are estimates. Final weights may vary.
- 4) Full Height Step Bolts
- 5) Tower Rating: 99.8%



Sabre Communications Corporation 7101 Southbridge Drive P.O. Box 658 Sloux City, IA 51102-0658 Phone: (712) 258-6509 Fax: (712) 279-0814

on contained herein is the sole property of Sabre Communications Corporation, constitutes a trade is defined by flows Code Ch. 550 and shall not be reproduced, copied or used in whole or part for any

Job:	425474	
Customer	AT&T	
S te Name	Penick, KY	
Description:	195' Monopole	
Date:	1/21/2019	By: REB

425474

(USA 222-G) - Monopole Spatia	l Analysis		(c)	201	===== 5	Guyı	nast	Inc.
Tel:(416)736-7453	Fax: (416)736-4372			1	web:ww	w.gu	mas	t.com
Processed under license at:								
Sabre Towers and Poles		on:	21	jan	2019	at:	15:	53:57

195' Monopole / Penick, KY

<sup>\*</sup> All pole diameters shown on the following pages are across corners. See profile drawing for widths across flats.

POLE	GEOMETRY
=====	

ELEV ft	SECTION NAME	No. SIDE	OUTSIDE DIAM in	THICK -NESS in	♦*Pn		SPLICE TYPE	OVERLA LENGTH R ft		w/t
	Α.	18	21.32 33.86	0.250	1223.3	520.0 1220.1			1	13.0
	A/B	18	33.86 34.60	0.250			SLIP	4.75	1.67	
	В	18	34.60 45.56	0.375 0.375	3749.3				1	L4.3
	в/с	18	45.56	0.375	4636.0	4319.1		6.50	1.70	
53.2	c	18	56.63	0.438	5327.2	6062.6			1	L6.7
45.2	C/D		57.85	0.438	5402.5	6282.6		8.00		
		18	69.60	0.438	6041.4	8474.6			2	21.2
SECTION									-	
NAME	ft	t		/PE	in	1	SHI ksi	READS IN EAR PLANE	1	V t
A B C D	141.000 92.250 45.250 0.000	) ) )	0 A 0 A 0 A	325 325 325 325	0.00 0.00 0.00 0.00	9; 9; 9; 9;	2.0 2.0 2.0 2.0	0 0 0 0	45.25	0 0
POLE SE		-NCT								
	SIDES	ENGTH-	В	. 4	P RAD	ER: ID	TAL BOT	ANGE.ID T TOP .	FLANGE. .GROUP. BOT	ID
A B C D	18 18 18 18	53.0 53.5 53.5 53.2	0 47.2 0 58.3	27 33.3 72 44.8	6 0.00	00 00	1 0 2 0 3 0 4 0	0 0 0 0	0 0 0 0	0 0 0

#### 425474

#### \* - Diameter of circumscribed circle

#### MATERIAL TYPES -----------

TYPE OF SHAPE	TYPE NO	NO OF ELEM.	OR	IENT	HEIGHT	WIDTH	.THI WEB	CKNESS. FLANGE		ULARITY ECTION. ORIENT
			&	deg	in	in	in	in	ANLA	deg
PL PL PL PL	1 2 3 4	1 1 1		0.0 0.0 0.0	35.10 47.27 58.72 69.60	0.25 0.38 0.44 0.44	0.250 0.375 0.438 0.438	0.250 0.375 0.438 0.438	0.00 0.00 0.00 0.00	0.0 0.0 0.0 0.0

& - With respect to vertical

#### MATERIAL PROPERTIES \_\_\_\_\_\_

MATERIAL	ELASTIC	UNIT	STRI	ENGTH	THERMAL
TYPE NO.	MODULUS ksi	WEIGHT pcf	Fu ksi	Fy ksi	COEFFICIENT /deg
1	29000.0	490.0	80.0	65.0	0.00001170
2	29000.0	490.0	80.0	65.0	0.00001170
3	29000.0	490.0	80.0	65.0	0.00001170
4	29000.0	490.0	80.0	65.0	0.00001170

LOADING CONDITION A 

105 mph Ultimate wind with no ice. Wind Azimuth: 0♦

#### LOADS ON POLE =========

LOAD	ELEV	APPLYLO	ADAT	LOAD	FORC	ES	MOMENTS		
TYPE	_	RADIUS	AZI	AZI	HORIZ	DOWN	VERTICAL	TORSNAL	
	ft	ft			kip	kip	ft-kip	ft-kip	
С	189.000	0.00	0.0	0.0	0.0000	4.2457	0.0000	0.0000	
C	189.000	0.00	0.0	0.0	11.3104	7.2000	0.0000	0.0000	
C	177.000	0.00	0.0	0.0	0.0000	3.9761	0.0000	0.0000	
C	177.000	0.00	0.0	0.0	8.3947	4.8374	0.0000	0.0000	
C	165.000	0.00	0.0	0.0	0.0000	3.7066	0.0000	0.0000	
C	165.000	0.00	0.0	0.0	8.2722	4.8374	0.0000	0.0000	
C	153.000	0.00	0.0	0.0	0.0000	3.4370	0.0000	0.0000	
C	153.000	0.00	0.0	0.0	8.1426	4.8374	0.0000	0.0000	
D	194.000	0.00	180.0	0.0	0.0514	0.0740	0.0000	0.0000	
Ď	177.917	0.00	180.0	0.0	0.0514	0.0740	0.0000	0.0000	
Ď	177.917	0.00	180.0	0.0	0.0595	0.0873	0.0000	0.0000	
D	161.833	0.00	180.0	0.0	0.0595	0.0873	0.0000	0.0000	
D	161.833	0.00	180.0	0.0	0.0671	0.1005	0.0000	0.0000	
D	145.750	0.00	180.0	0.0	0.0671	0.1005	0.0000	0.0000	
D	145.750	0.00	180.0	0.0	0.0717	0.2702	0.0000	0.0000	
D	141.000	0.00	180.0	0.0	0.0717	0.2702	0.0000	0.0000	
D	141.000	0.00	180.0	0.0	0.0747	0.1727	0.0000	0.0000	
D	126.917	0.00	180.0	0.0	0.0747	0.1727	0.0000	0.0000	
D	126.917	0.00	180.0	0.0	0.0803	0.1901	0.0000	0.0000	
D	112.833	0.00	180.0	0.0	0.0803	0.1901	0.0000	0.0000	
D	112.833	0.00	180.0	0.0	0.0854	0.2074	0.0000	0.0000	
D	98.750	0.00	180.0	0.0	0.0854	0.2074	0.0000	0.0000	
D	98.750	0.00	180.0	0.0	0.0887	0.4729	0.0000	0.0000	
D	92.250	0.00	180.0	0.0	0.0887	0.4729	0.0000	0.0000	
D D	92.250 79.250	0.00	$180.0 \\ 180.0$	0.0	0.0900	0.2668 0.2668	0.0000	0.0000	
U	13.230	0.00	100.0	0.0	0.0900	0.2008	0.0000	0.0000	

<sup>\*</sup> Only 3 condition(s) shown in full
\* Some concentrated wind loads may have been derived from full-scale wind tunnel testing

					42	25474		
D	79.250	0.00	180.0	0.0	0.0931	0.2855	0.0000	0.0000
D	66.250	0.00	180.0	0.0	0.0931	0.2855	0.0000	0.0000
D	66.250	0.00	180.0	0.0	0.0953	0.3043	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0953	0.3043	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0961	0.6343	0.0000	0.0000
D	45.250	0.00	180.0	0.0	0.0961	0.6343	0.0000	0.0000
D	45.250	0.00	180.0	0.0	0.0950	0.3288	0.0000	0.0000
D	11.312	0.00	180.0	0.0	0.0879	0.3614	0.0000	0.0000
D	11.312	0.00	180.0	0.0	0.0881	0.3778	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.0881	0.3778	0.0000	0.0000

105 mph Ultimate wind with no ice. Wind Azimuth: 00

#### LOADS ON POLE

LOAD TYPE	ELEV ft	APPLYLOADA RADIUS AZ ft		FOR HORIZ kip	CES DOWN kip	MOMI VERTICAL ft-kip	ENTS TORSNAL ft-kip
000000	189.000 189.000 177.000 177.000 165.000 165.000 153.000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0	0.0000 11.3104 0.0000 8.3947 0.0000 8.2722 0.0000 8.1426	3.1843 5.4000 2.9821 3.6281 2.7799 3.6281 2.5777 3.6281	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
	194.000 145.750 145.750 141.000 126.917 126.917 112.833 98.750 92.250 79.250 79.250 66.250 66.250 53.250 45.250 45.250 11.312 0.000	0.00 180. 0.00 180.	0 0.0 0 0 0 0 0.0 0 0 0 0 0.0 0 0 0 0 0 0.0 0 0 0 0 0 0 0.0 0 0 0 0 0 0 0.0 0 0 0 0 0 0 0 0.0 0 0 0 0 0 0 0 0 0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0515 0.0672 0.0717 0.0717 0.0747 0.0803 0.0803 0.0854 0.0854 0.0887 0.0900 0.0901 0.0931 0.0953 0.0953 0.0961 0.0950 0.0881	0.0555 0.0754 0.2026 0.1295 0.1295 0.1426 0.1556 0.1556 0.3547 0.2001 0.2001 0.2142 0.2142 0.2282 0.4757 0.4757 0.4757 0.2466 0.2711 0.2833 0.2833	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

30 mph wind with 1.5 ice. Wind Azimuth: 0♦

## LOADS ON POLE

LOAD	ELEV	APPLYLOA	DAT	LOAD	FORG	ES	MOME	ENTS
TYPE	ft	RADIUS ft	AZI	AZI	HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C C C C	189.000 189.000 177.000 177.000 165.000	0.00 0.00 0.00 0.00 0.00	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0000 1.6678 0.0000 1.9965 0.0000	4.2457 17.9218 3.9761 11.9388 3.7066	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000

					1	25474		
C	165.000	0.00	0.0	0.0	1.9587	11.8894	0.0000	0.0000
C	153.000	0.00	0.0	0.0	0.0000	3.4370	0.0000	0.0000
C	153.000	0.00	0.0	0.0	1.9188	11.8367	0.0000	0.0000
D	194.000	0.00	180.0	0.0	0.0094	0.1290	0.0000	0.0000
D	177.917	0.00	180.0	0.0	0.0094	0.1290	0.0000	0.0000
D	177.917	0.00	180.0	0.0	0.0106	0.1507	0.0000	0.0000
D	161.833	0.00	180.0	0.0	0.0106	0.1507	0.0000	0.0000
D	161.833	0.00	180.0	0.0	0.0118	0.1722	0.0000	0.0000
D	145.750	0.00	180.0	0.0	0.0118	0.1722	0.0000	0.0000
D	145.750 141.000	0.00	180.0 180.0	$0.0 \\ 0.0$	0.0125 0.0125	0.3471	0.0000	0.0000
D D	141.000	0.00	180.0	0.0	0.0123	0.3471 0.2532	0.0000	0.0000
D	126.917	0.00	180.0	0.0	0.0129	0.2532	0.0000	0.0000
Ď	126.917	0.00	180.0	0.0	0.0138	0.2773	0.0000	0.0000
Ď	112.833	0.00	180.0	0.0	0.0138	0.2773	0.0000	0.0000
D	112.833	0.00	180.0	0.0	0.0146	0.3011	0.0000	0.0000
D	98.750	0.00	180.0	0.0	0.0146	0.3011	0.0000	0.0000
D	98.750	0.00	180.0	0.0	0.0150	0.5710	0.0000	0.0000
D	92.250	0.00	180.0	0.0	0.0150	0.5710	0.0000	0.0000
D	92.250	0.00	180.0	0.0	0.0152	0.3675	0.0000	0.0000
D	79.250 79.250	0.00	180.0 180.0	0.0	0.0152	0.3675	0.0000	0.0000
D D	66.250	0.00	180.0	0.0	0.0157 0.0157	0.3912 0.3912	0.0000	0.0000
D	66.250	0.00	180.0	0.0	0.0160	0.3312	0.0000	0.0000
Ď	53.250	0.00	180.0	0.0	0.0160	0.4144	0.0000	0.0000
Ď	53.250	0.00	180.0	0.0	0.0160	0.7475	0.0000	0.0000
D	45.250	0.00	180.0	0.0	0.0160	0.7475	0.0000	0.0000
D	45.250	0.00	180.0	0.0	0.0158	0.4430	0.0000	0.0000
D	11.312	0.00	180.0	0.0	0.0145	0.4767	0.0000	0.0000
D	11.312	0.00	180.0	0.0	0.0145	0.4861	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.0145	0.4861	0.0000	0.0000

(USA 222-G) - Monopole Spatial Analysis

(c)2015 Guymast Inc.

Tel:(416)736-7453

Fax: (416)736-4372

Web:www.guymast.com

Processed under license at:

Sabre Towers and Poles

on: 21 jan 2019 at: 15:53:57

195' Monopole / Penick, KY

#### MAXIMUM POLE DEFORMATIONS CALCULATED(w.r.t. wind direction) \_\_\_\_\_\_

MAST ELEV ft	DEFLECTION HORIZONTAL ALONG		DOWN	ROTATIO	ACROSS	TWIST
194.0	18.04B	-0.05F	2.39E	10.78B	-0.02F	0.00c
177.9	15.13в	-0.04F	1.85E	10.61B	-0.02F	0.00c
161.8	12.34B	-0.04F	1.35E	9.86B	-0.02F	0.00c
145.7	9.80в	-0.03F	0.94E	8.59B	-0.02F	0.00c
141.0	9.12B	-0.03F	0.84E	8.29B	-0.02F	0.00c
126.9	7.24в	-0.02F	0.58E	7.29в	-0.02F	0.00c
112.8	5.60в	-0.02F	0.39E	6.25B	-0.02F	0.00c
98.7	4.20в	-0.01F	0.25E	5.23в	-0.02F	0.00c
92.2	3.63в	-0.01F	0.20E	4.83B	-0.02F	0.00c
79.2	2.63B	-0.01F	0.12E	4.04B	-0.01F	0.00c
66.2	1.81B	-0.01F	0.07E	3.28B	-0.01F	0.00c
53.2	1.15B	0.00F	0.03E	2.57в	-0.01F	0.00c

425474
--------

				4254/4		
45.2	0.82в	0.00F	0.02E	2.16в	-0.01F	0.00c
33.9	0.45в	0.00F	0.01E	1.57в	-0.01F	0.00c
22.6	0.20B	0.00F	0.00E	1.02B	0.00F	0.00c
11.3	0.05в	0.00F	0.00AJ	0.49в	0.00F	0.00c
0.0	0.00A	0.00A	0.00A	0.00A	0.00A	0.00A
	POLE FORCES C					
MAST	TOTAL	SHEAR.w.r.t		MOMENT.w.r.		TORSTON
ELEV ft	AXIAL kip	ALONG kip	ACROSS kip	ALONG	ACROSS	TORSION
1.0	КТР	кір	кір	ft-kip	ft-kip	ft-kip
194.0	-0.01 C	0.00 c	0.00 F	-0.01 R	0.01 E	0.00 F
	24.24 Y	12.17 U	0.00 F		-0.06 E	-0.06 E
177.9	24.24 AD	12.17 W	0.01 Q	-152.05 D	-0.06 E	-0.06 E
	58.17 AD	29.78 W	0.01 Q		-0.00 E	-0.21 E
161.8	58.17 Y	29.78 Q	-0.01 B	-562.14 D	-0.23 E	-0.21 E
	76.22 Y	38.95 Q	-0.01 B	-1184.84 D	-0.57 E	-0.43 E
145.7	76.22 Y	39.10 W	0.13 K	-1185.11 I	-0.58 E	-0.44 E
	77.86 Y	39.44 W	0.13 K	-1395.30 D	0.92 в	-0.55 E
141.0	77.87 AJ	39.43 в		-1395.40 L	0.94 в	-0.57 E
	81.43 AJ	40.47 B	-0.22 F	-2028.10 F	3.30 F	-0.68 C
126.9	81.44 AB	 40.52 в		-2028.12 F	3.28 F	-0.68 C
	85.34 AB	41.64 в	-0.21 F	-2673.57 в	6.22 F	-1.07 C
112.8	85.34 AB	41.65 B	-0.20 F	-2673.59 в	6.25 F	-1.08 C
NS 28 NO.0	89.58 AB	42.84 B	-0.20 F	-3330.54 в	9.07 F	-1.44 C
98.7	89.58 AB	42.88 W	-0.20 F	-3330.70 B	9.08 F	-1.46 C
	93.29 AB	43.46 W	-0.20 F	-3638.06 в	10.41 F	-1.57 C
92.2	93.29 AB	43.47 B	-0.20 F	-3638.02 B	10.49 F	-1.57 C
70.2	98.07 AB	44.63 в	-0.20 F	-4262.06 в	13.16 F	-1.80 C
79.2	98.07 AB	44.63 B	-0.22 F	-4261.97 B	13.12 F	-1.80 C
66.3	103.15 AB	45.84 B	-0.22 F	-4895.80 в	15.94 F	-2.01 C
66.2	103.15 AB	45.83 P	-0.20 o	-4895.80 в	15.94 F	-2.01 c
E2 2	108.54 AB	47.07 P	-0.20 o	-5539.00 в	18.48 F	-2.18 C
53.2	108.54 AB	47.05 F	-0.19 F	-5539.06 в	18.45 F	-2.18 C
45.2	114.52 AB	47.81 F	-0.19 F	-5939.50 в	19.99 F	-2.26 C
43.2	114.52 AB	47.83 P	-0.19 0	-5939.50 в	20.01 F	-2.26 c
33.9	119.59 AB	48.89 P	-0.19 o	-6512.01 в	21.97 F	-2.35 C
22.5	119.59 AB	48.89 W	-0.20 o	-6512.02 в	21.97 F	-2.35 C
22.6	124.79 AB	49.92 W	-0.20 o	-7089.49 в	23.95 F	-2.41 C
22.0	124.79 AB	49.92 P	-0.18 0	-7089.47 в	23.95 F	-2.41 C
	130.12 AB	50.93 P	-0.18 0	-7671.35 в	26.00 F	-2.45 C

425474

0.02AB

53.25

45.25

33.94

22.62 ..

11.31 ..

0.91B

0.91B

0.92B

0.95в

0.96B

0.96в

0.96в

0.96в

0.97в

0.97в

0.02F

0.02F

0.02C

0.02F

0.02F

0.02F

0.02F

0.02c

0.02C

0.02F

0.93B

0.93B

0.94B

0.96в

0.97B

0.97в

0.98B

0.98в

0.98B

0.98в

YES

44.3				425	474		
11.3	130.12 AB	50.93 P	-0.19 o	-7671.34	в 2	6.00 F	-2.45 c
	135.62 AB	51.93 P	-0.19 0	-8256.93	в 2	8.05 F	-2.46 C
base reaction	n 135.62 AB	-51.93 P	0.19 0	8256.9	3 в -	-28.05 F	2.46 C
COMPLIA	NCE WITH 4.8.	2 & 4.5.4					
ELEV ft	AXIAL	BENDING SHI	EAR + RSIONAL	TOTAL SA	TISFIED	D/t(w/t)	MAX ALLOWED
194.00	0.00c	0.00R	0.00c	0.00R	YES	13.05A	45.2
177.92	0.02Y	0.20L		0.21L	YES	15.95A	45.2
	0.02AD	0.20D	0.02W	0.211	YES	15.95A	45.2
161.83	0.04AD 0.04Y	0.58D		0.60D 0.60D	YES	18.86A 18.86A	45.2 45.2
		0.58D 0.97D	V627×8200002 -010000€10		YES	21.76A	45.2
145.75	0.04Y 0.03Y	0.601		1.00D 0.62I	YES ·········· YES	13.92A	45.2
	0.03Y	0.66D		0.67D	YES	14.49A	45.2
141.00	0.03AJ	0.68L	0.03B	0.69L	YES	14.26A	45.2
126 02	0.02AJ	0.80F	0.02в	0.82F	YES	15.95A	45.2
126.92	0.02AB	0.80F	0.02в	0.82F	YES	15.95A	45.2
112.83	0.02AB	0.90в	0.02B	0.91в	YES	17.65A	45.2
112.63	0.02AB	0.90в	0.02B	0.91B	YES	17.65A	45.2
98.75	0.02AB	0.97в	0.02B	0.98в	YES	19.34A	45.2
30.73	0.02AB	0.80в	0.02w	0.81в	YES	16.33A	45.2
92.25	0.02AB	0.82в	0.02w	0.83в	YES	17.00A	45.2
	0.02AB	0.84B	0.02в	0.85B	YES	16.70A	45.2
79.25	0.02AB	0.87в		0.89в	YES	18.04A	45.2
	0.02AB	0.87B		0.89в	YES	18.04A	45.2
66.25	0.02AB	0.90B 0.90B		0.91B	YES	19.38A	45.2 45.2
	0.02AB	0.908	0.02F	0.91B	YES	19.38A	45.2

20.72A

20.72A

21.54A

21.19A

22.36A

22.36A

23.53A

23.53A

24.69A

24.69A

45.2

45.2

45.2

45.2

45.2

45.2

45.2

45.2

45.2

45.2

0.00	0.02AB	0.97B 0	.02c 0.99	425474 9B YES	25.86A	45.2
MAXIMUM	LOADS ONTO FO	UNDATION(w.r	.t. wind dire	ection)		
DOWN	SHEAR.w.r	.t.WIND.DIR ACROSS	MOMENT.w.r.	t.WIND.DIR ACROSS	TORSION	
kip		kip	ft-kip	ft-kip	ft-kip	
135.62 AE		-0.19 0	-8256.93 B	28.05 F	-2.46 C	
=======						

\_\_\_\_\_\_\_\_ (c)2015

(USA 222-G) - Monopole Spatial Analysis

Guymast Inc.

Tel:(416)736-7453

Fax: (416)736-4372

Web:www.guymast.com

Processed under license at:

Sabre Towers and Poles

on: 21 jan 2019 at: 15:54:07

195' Monopole / Penick, KY

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 

LOADING CONDITION A

-----

60 mph wind with no ice. Wind Azimuth: 0♦

### LOADS ON POLE

LOAD	ELEV	APPLYLO	ADAT	LOAD	FORC	ES	MOMI	ENTS
TYPE		RADIUS	AZI	AZI	HORIZ	DOWN	VERTICAL	TORSNAL
	ft	ft			kip	kip	ft-kip	ft-kip
c	189.000	0.00	0.0	0.0	0.0000	3.5381	0.0000	0.0000
C	189.000	0.00	0.0	0.0	3.4705	6.0000	0.0000	0.0000
C	177.000	0.00	0.0	0.0	0.0000	3.3134	0.0000	0.0000
C C	177.000	0.00	0.0	0.0	2.5758	4.0312	0.0000	0.0000
C	165.000	0.00	0.0	0.0	0.0000	3.0888	0.0000	0.0000
C	165.000	0.00	0.0	0.0	2.5382	4.0312	0.0000	0.0000
C	153.000	0.00	0.0	0.0	0.0000	2.8642	0.0000	0.0000
С	153.000	0.00	0.0	0.0	2.4985	4.0312	0.0000	0.0000
D	194.000	0.00	180.0	0.0	0.0158	0.0617	0.0000	0.0000
D	177.917	0.00	180.0	0.0	0.0158	0.0617	0.0000	0.0000
D	177.917	0.00	180.0	0.0	0.0182	0.0727	0.0000	0.0000
D	161.833	0.00	180.0	0.0	0.0182	0.0727	0.0000	0.0000
D	161.833	0.00	180.0	0.0	0.0206	0.0837	0.0000	0.0000
D	145.750	0.00	180.0	0.0	0.0206	0.0837	0.0000	0.0000
D	145.750	0.00	180.0	0.0	0.0220	0.2251	0.0000	0.0000
D	141.000	0.00	180.0	0.0	0.0220	0.2251	0.0000	0.0000
D	141.000	0.00	180.0	0.0	0.0229	0.1439	0.0000	0.0000
D	126.917	0.00	180.0	0.0	0.0229	0.1439	0.0000	0.0000
D	126.917	0.00	180.0	0.0	0.0246	0.1584	0.0000	0.0000
D	112.833	0.00	180.0	0.0	0.0246	0.1584	0.0000	0.0000
D	112.833	0.00	180.0	0.0	0.0262	0.1729	0.0000	0.0000
D	98.750	0.00	180.0	0.0	0.0262	0.1729	0.0000	0.0000
D	98.750	0.00	180.0	0.0	0.0272	0.3941	0.0000	0.0000
D	92.250	0.00	180.0	0.0	0.0272	0.3941	0.0000	0.0000
D D	92.250	0.00	180.0	0.0	0.0276	0.2224	0.0000	0.0000
U	79.250	0.00	180.0	0.0	0.0276	0.2224	0.0000	0.0000

<sup>\*</sup> Only 1 condition(s) shown in full \* Some concentrated wind loads may have been derived from full-scale wind tunnel testing

D D D D D D D	79.250 66.250 66.250 53.250 53.250 45.250 45.250 41.312 11.312 0.000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.0 180.0 180.0 180.0 180.0 180.0 180.0 180.0 180.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0286 0.0286 0.0292 0.0292 0.0295 0.0295 0.0291 0.0270 0.0270	25474 0.2380 0.2380 0.2535 0.2535 0.5286 0.5286 0.2740 0.3012 0.3148 0.3148	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
	POLE DEFORM							
MAST ELEV ft	DEF HORI ALONG	ZONTAL		DOWN		ROTATIO TILT ALONG	ONS (deg). ACROSS	TWIST
194.0	5.63F		-0.01B	0.24K	9	3.32F	-0.01B	0.00c
177.9	4.71F	• • • • • • •	-0.01B	0.18K		3.27F	-0.01B	0.00c
161.8	3.82F		-0.01B	0.13K	:	3.03F	-0.01B	0.00c
145.7	3.03F		-0.01B	0.09K		2.64F	-0.01B	0.00E
141.0	2.81F		-0.01B	0.08K	;	2.54F	-0.01B	0.00E
126.9	2.22F		-0.01B	0.06к		2.23F	-0.01B	0.00E
112.8	1.72F		0.00B	0.04K		1.91F	0.00в	0.00E
98.7	1.29F		0.00в	0.03K		1.60F	0.00в	0.00E
92.2	1.11F		0.00в	0.02κ	;	1.48F	0.00в	0.00E
79.2	0.81F		0.00в	0.01K	•••••	1.23F	0.00в	0.00E
66.2	0.55F		0.00B	0.01K	:	1.00F	0.00в	0.00E
53.2	0.35F		0.00в	0.00K		0.78F	0.00в	0.00c
45.2	0.25F		0.00в	0.00κ	(	0.66F	0.00в	0.00c
33.9	0.14L		0.00B	0.00κ		0.48F	0.00в	0.00c
22.6	0.06L		0.00в	0.00A	(	0.31L	0.00в	0.00c
11.3	0.01L		0.00в	0.00A		0.15L	0.00в	0.00c
0.0	0.00A		0.00A	0.00A	(	0.00A	0.00A	0.00A
MAXIMUM	POLE FORCES	CALCUL	ATED(w.	r.t. to w	ind direc	ction)		
MAST ELEV	TOTAL AXIAL		R.w.r.t LONG	.WIND.DIR ACROSS		Γ.w.r.t.W] LONG	ND.DIR ACROSS	TORSION
ft	kip		kip	kip	ft-	-kip	ft-kip	ft-kip
194.0			 0 D	0.00 F	0.00			
	0.00 C	3.7		0.00 F	-46.93		0.00 F	0.00 F 0.00 K
177.9	10.53 K		2 D  3 F	0.00 F	-46.9		).01 K	0.00 K
	10.53 B							
161.8	26.16 B	9.1	3 F	0.00 K	-173.16 -173.1		).05 K ).05 K	-0.01 K
	26.16 B 34.40 B	11.9		0.00 C	-364.29		).12 K	-0.01 к -0.03 к
145.7	34.40 B	11.9		0.00 C			).12 K ).15 K	-0.03 K
	34.41 B							
	33.47 B	12.0	<i>3</i> A	0.02 I	-428.77	· K -0	).12 K	-0.03 K

141 0				425474		
141.0	35.48 A	12.10 F	-0.06 в	-428.83 K	-0.12 K	-0.03 K
126.9	37.50 A	12.42 F	-0.06 в	-622.30 A	0.81 B	-0.05 E
120.9	37.51 A	12.42 F	-0.05 в	-622.30 A	0.80 в	-0.04 E
112.8	39.74 A	12.76 F	-0.05 B	-818.76 F	1.55 B	-0.08 E
112.0	39.73 A	12.76 F	-0.06 в	-818.76 F	1.55 B	-0.08 E
98.7	42.17 A	13.13 F	-0.06 B	-1018.47 F	2.33 B	-0.10 E
90.7	42.17 A	13.15 F	-0.07 в	-1018.54 F	2.32 B	-0.10 E
92.2	44.73 A	13.33 F	-0.07 B	-1112.07 F	2.74 B	-0.11 E
92.2	44.73 A	13.31 A	-0.05 B	-1112.12 F	2.72 B	-0.11 E
79.2	47.62 A	13.67 A	-0.05 B	-1301.37 F	3.39 в	-0.13 E
79.2	47.62 A	13.69 L	0.05 K	-1301.37 F	3.38 в	-0.13 E
66.2	50.71 A	14.06 L	0.05 K	-1493.69 F	3.92 B	-0.14 E
00.2	50.71 A	14.06 L	0.05 K	-1493.67 F	3.92 в	-0.14 E
53.2	54.01 A	14.43 L	0.05 K	-1689.03 F	4.41 B	-0.15 E
33.2	54.01 A	14.43 L	0.04 K	-1689.03 F	4.41 B	0.15 C
45.2	58.24 A	14.66 L	0.04 K	-1810.82 F	4.67 B	-0.16 E
77.2	58.24 A	14.66 L	0.04 K	-1810.83 F	4.65 B	-0.16 E
33.9	61.39 A	14.98 L	0.04 K	-1985.04 F	5.08 B	0.16 C
33.3	61.39 A	14.99 L	0.04 K	-1985.03 F	5.08 в	0.16 C
22.6				-2161.02 F		
22.0	64.64 A	15.30 L	0.04 K	-2161.02 F	5.45 B	0.17 C
11.3	68.00 A	15.61 L	0.04 K	-2338.77 L	5.82 B	0.17 C
11.5	68.00 A	15.61 L	0.04 K	-2338.76 L	5.81 B	0.17 C
	71.56 A	15.92 L	0.04 K	-2518.11 L	6.15 в	0.17 C
base reaction	71.56 A	-15.92 L	-0.04 K	2518.11 L	-6.15 в	-0.17 C

## COMPLIANCE WITH 4.8.2 & 4.5.4

ELEV ft	AXIAL	BENDING	SHEAR + TORSIONAL	TOTAL	SATISFIED	D/t(w/t)	MAX ALLOWED
101.00							
194.00	0.00c	0.00F	0.00D	0.00F	YES	13.05A	45.2
177.92	0.01K	0.06D	0.01D	0.07D	YES	15.95A	45.2
1//.92	0.01B	0.06K	0.01F	0.07K	YES	15.95A	45.2
161.83	0.02B	0.18K	0.01F	0.19K	YES	18.86A	45.2
101.65	0.02в	0.18ĸ	0.01K	0.19K	YES	18.86A	45.2
145.75	0.02в	0.30κ	0.01K	0.32K	YES	21.76A	45.2
143.73	0.01B	0.18D	0.01A	0.20D	YES	13.92A	45.2
141.00	0.01B	0.20K	0.01A	0.21K	YES	14.49A	45.2
141.00	0.01A	0.21K	0.01F	0.22K	YES	14.26A	45.2

					425474		
126.92	0.01A	0.25A	0.01F	0.26A	YES	15.95A	45.2
120.32	0.01A	0.25A	0.01F	0.26A	YES	15.95A	45.2
112.83		0.28F				17.65A	45.2
112.63	0.01A	0.28F	0.01F	0.29F	YES	17.65A	45.2
00 75		0.30F			YES	19.34A	45.2
98.75	0.01A	0.24F	0.01F	0.25F	YES	16.33A	45.2
92.25		0.25F			YES	17.00A	45.2
92.23	0.01A	0.26F	0.01L	0.27F	YES	16.70A	45.2
79.25	0.01A	0.27F	0.01L	0.28F	YES	18.04A	45.2
79.23	0.01A	0.27F	0.01L	0.28F	YES	18.04A	45.2
66.25	0.01A	0.27F			YES	19.38A	45.2
00.23	0.01A	0.27F	0.01L	0.28F	YES	19.38A	45.2
53.25		0.28F			YES	20.72A	45.2
33.23	0.01A	0.28F	0.01L	0.29F	YES	20.72A	45.2
45.25		0.28F					45.2
43.23	0.01A	0.29F	0.01L	0.30F	YES	21.19A	45.2
33.94	0.01A	0.29F	0.01L	0.30F	YES	22.36A	45.2
33.34	0.01A	0.29F	0.01L	0.30F	YES	22.36A	45.2
22.62	0.01A	0.29F	0.01L	0.30F	YES	23.53A	45.2
22.02	0.01A	0.29F	0.01L	0.30F	YES	23.53A	45.2
11.31	0.01A	0.30L	0.01L	0.31L	YES	24.69A	45.2
11.71	0.01A	0.30L	0.01L	0.31L	YES	24.69A	45.2
0.00	0.01A	0.30L	0.01L	0.31L	YES	25.86A	45.2
MAXIMUM	LOADS ONTO	FOUNDATION(	w.r.t. win	d directi	on)		

DOWN	SHEAR.w.r.t	.WIND.DIR	MOMENT.w.r.t	.WIND.DIR	TORSION
kip	ALONG kip	ACROSS kip	ALONG ft-kip	ACROSS ft-kip	ft-kip
71.56 A	15.92 L	0.04 K	-2518.11 L	6.15 B	0.17 C



SO#: 425474

Site Name: Penick, KY

Date: 1/21/2019

### Round Base Plate and Anchor Rods, per ANSI/TIA 222-G

#### Pole Data

Diameter: 68.540 in (flat to flat)

Thickness: 0.4375 in Yield (Fy): 65 ksi

"0" IF Round # of Sides: 18

Strength (Fu): 80 ksi

#### Reactions

Moment, Mu: 8256.93 ft-kips Axial, Pu: 85.7 kips Shear, Vu: 51.92 kips

#### **Anchor Rod Data**

Quantity: 22 Diameter: 2.25 **Anchor Rod Results** in

Rod Material: A615 Strength (Fu): 100 ksi

Yield (Fy): 75 ksi

BC Diam. (in): 75.75 BC Override: Maximum Rod (Pu+ Vu/n): 246.4 Kips

Allowable Φ\*Rnt: 260.0 Kips (per 4.9.9)

44.9 ksi

94.8% Pass Anchor Rod Interaction Ratio:

#### **Plate Data**

**Base Plate Results** Dia. Override:

Diameter (in): Thickness: 2.25 in Base Plate (Mu/Z):

Yield (Fy): 50 ksi Allowable Φ\*Fy: 45.0 ksi (per AISC)

99.8% Pass Eff Width/Rod: 9.89 in Base Plate Interaction Ratio:

Drain Hole: 2.625 in. diameter

81.5

**Drain Location:** 32.25 in. center of pole to center of drain hole

Center Hole: 56.5 in. diameter

# EXHIBIT D COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

Navigation Reports

PSC Home

## **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

▼ Active ▼

**Status** 

Search

	Utility ID	Utility Name	Utility Type	Class	City	Stat
View	4111300	2600Hz, Inc. dba ZSWITCH	Cellular	D	San Francisco	CA
View	4107900	365 Wireless, LLC	Cellular	D	Atlanta	GA
View	4108300	Air Voice Wireless, LLC	Cellular	В	Bloomfield Hill	MI
View	4110650	Alliant Technologies of KY, L.L.C.	Cellular	D	Morristown	NJ
View	44451184	Alltel Corporation d/b/a Verizon Wireless	Cellular	A	Lisle	IL
View,	4110850	AltaWorx, LLC	Cellular	D	Fairhope	AL
View	4107800	American Broadband and Telecommunications Company	Cellular	D	Toledo	ОН
View	4108650	AmeriMex Communications Corp.	Cellular	D	Dunedin	FL
View	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA
View	4110700	Andrew David Balholm dba Norcell	Cellular	D	Clayton	WA
View	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
View	4110550	Blue Casa Mobile, LLC	Cellular	D	Santa Barbara	CA
View	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
View	4202300	Bluegrass Wireless, LLC	Cellular	Α	Elizabethtown	KY
View	4107600	Boomerang Wireless, LLC	Cellular	В	Hiawatha	ΙA
View	4105500	BullsEye Telecom, Inc.	Cellular	D	Southfield	ΜI
View	4100700	Cellco Partnership dba Verizon	Cellular	Α	Basking	NJ

	1	Wireless	1		Ridge	
View	4106600	Cintex Wireless, LLC	Cellular	D	Rockville	MD
View	4111150	Comcast OTR1, LLC	Cellular	D	Philadelphia	PA
View	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
View	4106400	Credo Mobile, Inc.	Cellular	Α	San Francisco	CA
View	4108850	Cricket Wireless, LLC	Cellular	Α	San Antonio	TX
View	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	С	Long Island City	NY
View	10640	Cumberland Cellular Partnership	Cellular	Α	Elizabethtown	KY
View	4111650	DataByes, Inc.	Cellular	С	Rogers	AR
View	4111200	Dynalink Communications, Inc.	Cellular	С	Brooklyn	NY
View	4101000	East Kentucky Network, LLC dba Appalachian Wireless	Cellular	Α	Ivel	KY
View	4002300	Easy Telephone Service Company dba Easy Wireless	Cellular	D	Ocala	FL
View	4109500	Enhanced Communications Group, LLC	Cellular	D	Bartlesville	ок
View	4110450	Excellus Communications, LLC	Cellular	D	Chattanooga	TN
View	4105900	Flash Wireless, LLC	Cellular	С	Concord	NC
View	4104800	France Telecom Corporate Solutions L.L.C.	Cellular	D	Oak Hill	VA
View	4109350	Global Connection Inc. of America	Cellular	D	Norcross	GA
View	4102200	Globalstar USA, LLC	Cellular	В	Covington	LA
View	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
View	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
View	4106000	GreatCall, Inc. d/b/a Jitterbug	Cellular	Α	San Diego	CA
View	10630	GTE Wireless of the Midwest dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4111350	HELLO MOBILE TELECOM LLC	Cellular	D	Dania Beach	FL
View	4103100	i-Wireless, LLC	Cellular	В	Newport	KY
View		IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Tulsa	ок
View	22215360	KDDI America, Inc.	Cellular	D	New York	NY
View	10872	Kentucky RSA #1 Partnership	Cellular	A	Basking Ridge	נא
View	10680	Kentucky RSA #3 Cellular General	Cellular	A	Elizabethtown	KY
View	10681	Kentucky RSA #4 Cellular General	Cellular	A	Elizabethtown	KY
View	4111250	Liberty Mobile Wireless, LLC	Cellular	D	Sunny Isles Beach	FL
View	4111550	Lingo Telecom of the South, LLC	Cellular	С	Atlanta	GA
View	4111400	Locus Telecommunications, LLC	Cellular	Α	Fort Lee	NJ
						7

View	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
View	4108800	MetroPCS Michigan, LLC	Cellular	Α	Bellevue	WA
View	4109650	Mitel Cloud Services, Inc.	Cellular	D	Mesa	AZ
View	4202400	New Cingular Wireless PCS, LLC dba AT&T Mobility, PCS	Cellular	A	San Antonio	TX
View	10900	New Par dba Verizon Wireless	Cellular	Α	Basking Ridge	ΝJ
View	4000800	Nextel West Corporation	Cellular	D	Overland Park	KS
View	4001300	NPCR, Inc. dba Nextel Partners	Cellular	D	Overland Park	KS
View	4001800	OnStar, LLC	Cellular	Α	Detroit	MI
View	4110750	Onvoy Spectrum, LLC	Cellular	D	Chicago	IL
View	4109050	Patriot Mobile LLC	Cellular	D	Irving	TX
View	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
View	33351182	PNG Telecommunications, Inc. dba PowerNet Global Communications	Cellular	D	Cincinnati	ОН
View	4202100	Powertel/Memphis, Inc. dba T- Mobile	Cellular	A	Bellevue	WA
View	4107700	Puretalk Holdings, LLC	Cellular	Α	Covington	GA
View	4106700	Q Link Wireless, LLC	Cellular	В	Dania	FL
View	4108700	Ready Wireless, LLC	Cellular	В	Hiawatha	IA
View	4110500	Republic Wireless, Inc.	Cellular	В	Raleigh	NC
View	4111100	ROK Mobile, Inc.	Cellular	D	Culver City	CA
View	4106200	Rural Cellular Corporation	Cellular		Basking Ridge	NJ
View	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	D	Los Angeles	CA
View	4109150	SelecTel, Inc. d/b/a SelecTel Wireless	Cellular	D	Freemont	NE
View	4106300	SI Wireless, LLC	Cellular	Α	Carbondale	IL
View	4110150	Spectrotel, Inc. d/b/a Touch Base Communications	Cellular	D	Neptune	NJ
View	4111450	Spectrum Mobile, LLC	Cellular	С	St. Louis	MO
View	4200100	Sprint Spectrum, L.P.	Cellular	Α	Atlanta	GA
View	4200500	SprintCom, Inc.	Cellular	Α	Atlanta	GA
View	4109550	Stream Communications, LLC	Cellular	D	Dallas	TX
View	4111600	STX Group LLC dba Twigby	Cellular	С	Murfreesboro	TN
View	4110200	T C Telephone LLC d/b/a Horizon Cellular	Cellular	D	Red Bluff	CA
View	4202200	T-Mobile Central, LLC dba T- Mobile	Cellular	Α	Bellevue	WA
View	4002500	TAG Mobile, LLC	Cellular	D	Carrollton	TX
View	4109700	Telecom Management, Inc. dba Pioneer Telephone	Cellular	D	Portland	ME
View	4107200	Telefonica USA, Inc.	Cellular	D	Miami	FL
View	4108900	Telrite Corporation	Cellular	D	Covington	GA
			Julialai		igcon	-

#### Utility Master Information - Search

View	4108450	Tempo Telecom, LLC	Cellular	В	Atlanta	GA
View	4109000	Ting, Inc.	Cellular	Α	Toronto	ON
View	4110400	Torch Wireless Corp.	Cellular	D	Jacksonville	FL
View	4103300	Touchtone Communications, Inc.	Cellular	D	Whippany	NJ
View	4104200	TracFone Wireless, Inc.	Cellular	D	Miami	FL
View	4002000	Truphone, Inc.	Cellular	D	Durham	NC
View	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	D	Costa Mesa	CA
View	4105700	Virgin Mobile USA, L.P.	Cellular	Α	Atlanta	GA
View	4110800	Visible Service LLC	Cellular	D	Basking Ridge	NJ
View	4106500	WiMacTel, Inc.	Cellular	D	Palo Alto	CA
View	4110950	Wing Tel Inc.	Cellular	D	New York	NY

## EXHIBIT E FAA

```
**************
                              Federal Airways & Airspace
                           Summary Report: New Construction
                                  Antenna Structure
**************
                  Airspace User: Kelli OGrady
                  File: PENICK
                  Location: Bradfordsville, KY
                  Latitude: 37°-35'-12.75" Longitude:
85°-07'-18.75"
                  SITE ELEVATION AMSL.....960 ft.
                  STRUCTURE HEIGHT.....199 ft.
                  OVERALL HEIGHT AMSL.....1159 ft.
                  SURVEY HEIGHT AMSL.....1159 ft.
    NOTICE CRITERIA
      FAR 77.9(a): NNR (DNE 200 ft AGL)
      FAR 77.9(b): NNR (DNE Notice Slope)
      FAR 77.9(c): NNR (Not a Traverse Way)
                  NNR FAR 77.9 IFR Straight-In Notice Criteria
      FAR 77.9:
for 6I2
      FAR 77.9:
                  NNR (No Expected TERPS® impact AAS)
      FAR 77.9(d): NNR (Off Airport Construction)
      NR = Notice Required
      NNR = Notice Not Required
      PNR = Possible Notice Required (depends upon actual IFR
procedure)
            For new construction review Air Navigation
Facilities at bottom
           of this report.
```

Notice to the FAA is not required at the analyzed location and height for  $% \left( 1\right) =\left( 1\right) +\left( 1\right) =\left( 1\right) +\left( 1\right) +$ 

slope, height or Straight-In procedures. Please review the 'Air Navigation'

section for notice requirements for offset IFR procedures and  $\ensuremath{\mathsf{EMI}}\xspace.$ 

#### OBSTRUCTION STANDARDS

FAR 77.17(a)(1): DNE 499 ft AGL

```
FAR 77.17(a)(2): DNE - Airport Surface
        FAR 77.19(a): DNE - Horizontal Surface
FAR 77.19(b): DNE - Conical Surface
FAR 77.19(c): DNE - Primary Surface
FAR 77.19(d): DNE - Approach Surface
FAR 77.19(e): DNE - Approach Transitional Surface
FAR 77.19(e): DNE - Abeam Transitional Surface
      VFR TRAFFIC PATTERN AIRSPACE FOR: 612: LEBANON SPRINGFIELD-
GEORGE H
      Type: A RD: 36221.8 RE: 866
        FAR 77.17(a)(1):
FAR 77.17(a)(2):
                                     DNE
                                      DNE - Greater Than 5.99 NM.
        VFR Horizontal Surface: DNE
        VFR Conical Surface:
                                      DNE
        VFR Primary Surface:
                                     DNE
        VFR Primary Surface: DNE VFR Approach Surface: DNE
        VFR Transitional Surface: DNE
     VFR TRAFFIC PATTERN AIRSPACE FOR: AAS: TAYLOR COUNTY
      Type: A RD: 97064.84 RE: 920.5
        FAR 77.17(a)(1): DNE FAR 77.17(a)(2): DNE
                                    DNE - Greater Than 5.99 NM.
        VFR Horizontal Surface: DNE
        VFR Conical Surface: DNE
        VFR Primary Surface:
                                    DNE
        VFR Approach Surface: DNE
        VFR Transitional Surface: DNE
     TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)
        FAR 77.17(a)(3) Departure Surface Criteria (40:1)
        DNE Departure Surface
     MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)
        FAR 77.17(a)(4): DNE - No Airway Found
     PRIVATE LANDING FACILITIES
        FACIL
                                                      BEARING
                                                                   RANGE
DELTA ARP FAA
       IDENT TYP NAME
                                                      To FACIL
                                                                 IN NM
ELEVATION IFR
        36KY AIR ARNOLDS
                                                        339.67 4.39
+316
        No Impact to VFr Transitional Surface.
        Below surface height of 339 ft above ARP.
     AIR NAVIGATION ELECTRONIC FACILITIES
        FAC
                                                DIST DELTA
                          ST
GRND APCH
       IDNT
                 TYPE AT FREQ VECTOR (ft) ELEVA ST LOCATION
```

#### ANGLE BEAR

IKY NDB D 42 297.67 37498 +287 KY

SPRINGFIELD .44

TYC NDB D 27 207.65 76076 +99 KY TAYLOR

COUNTY .07

EWO VOR/DME I 110.8 275.99 161317 +199 KY NEW HOPE

.07

LEX RADAR ON 2750. 42.57 219816 +99 KY BLUE

GRASS .03

CFR Title 47, \$1.30000-\$1.30004

 $\,$  AM STUDY NOT REQUIRED: Structure is not near a FCC licensed AM station.

Movement Method Proof as specified in \$73.151(c) is not required.

Please review 'AM Station Report' for details.

Nearest AM Station: WLBN @ 11074 meters.

Airspace® Summary Version 18.9.514

AIRSPACE® and TERPS® are registered ® trademarks of Federal Airways & Airspace® Copyright © 1989 - 2018

10-19-2018 15:43:27

# EXHIBIT F KENTUCKY AIRPORT ZONING COMMISSION

## **Cynthia Fortner**

From:

Houlihan, John F (KYTC) < John. Houlihan@ky.gov>

Sent:

Wednesday, January 16, 2019 9:26 AM

To:

Cynthia Fortner

Subject:

[External] RE: Penick KAZC Filing Required?

Attention: This email was sent from someone outside of MasTec. Please use caution when opening attachments or clicking on links in emails which are unexpected or arrive from unknown senders.

No permit is required from the KAZC. Thank you

Kentucky Airport Zoning Commission (KAZC)
John Houlihan, Administrator
Department of Highways, District Six
421 Buttermilk Pike
Covington, KY 41017
Office 859-341-2700, Office 1-800-928-2700, Desk 859-341

Office 859-341-2700, Office 1-800-928-2700, Desk 859-341-2707 Ext. 292, Cell 502-330-3955

KAZC webpage: https://transportation.ky.gov/Aviation/Pages/airportzoning.aspx

CONFIDENTIALITY NOTICE: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail or call (859) 341-2700 and destroy all copies of the original message.

From: Cynthia Fortner < Cynthia. Fortner@mastec.com>

Sent: Monday, January 14, 2019 1:25 PM

To: Houlihan, John F (KYTC) < John. Houlihan@ky.gov>

Subject: Penick KAZC Filing Required?

Importance: High

Hi John

AT&T is proposing to construct a new monopole tower per the specifications below. Can you please confirm if a KAZC permit is going to be required? If so, I'll get the application completed and over to you when possible.

Site Name	Latitude	Longitude	Centerline	Tower Height	Site Elevation (SE)	Overall Height w/Appurtenance (AGL)	Tower Type
Penick	37 35 12.75	85 07 18.78	190	195	960 AMSL	199	MP

Thank you,

Cindi

# **EXHIBIT G GEOTECHNICAL REPORT**



January 23, 2019

Ms. Michelle Ward AT&T 534 Armory Place 4th Floor Louisville, KY 40202

Subject: Geotechnical Investigation

Site Name: PENICK (KYL004166)

Site Address: 325 Hourigan Lane, Lebanon, KY 40033, Marion County

Coordinates: N37\* 35' 12.75", W85\* 07' 18.78"

POD Project No. 19-32847

Dear Ms. Ward:

Power of Design (POD) was authorized in January 2019 to complete the Geotechnical Investigation for the subject Property. We utilized the survey of the subject Property dated September 14, 2018. The Property is located in a pasture/crop area west of Hourigan Lane. The Property includes a proposed 100-foot by 100-foot lease area located in a pasture/crop area and a proposed approximate 2231-foot long by 30-foot wide access/utility easement. The proposed easement would extend in a western direction off Hourigan Lane, turning south to the proposed lease area.

Due to extremely wet soil conditions, it would not be possible for a geotechnical drill rig to access the center of the lease area. In order to complete the requested Geotechnical Investigation, access road improvements would be necessary.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this letter, please contact our office.

Cordially,

Mark Patterson, P.E. **Project Engineer** 

License No.: KY 16300



# **Preliminary Geotechnical Investigation**

Site Name: PENICK

(KYL004166)

Site Address: 325 Hourigan Lane

Lebanon, KY 40033

**Marion County** 

**Coordinates:** N37° 35′ 12.75″

W85° 07' 18.78"

**POD Project No.** 19-32847



# **SUBMITTED TO:**

Ms. Michelle Ward AT&T 534 Armory Place 4<sup>th</sup> Floor Louisville, KY 40202

# **PREPARED BY:**

Power of Design 11490 Bluegrass Parkway Louisville, KY 40299



January 23, 2019

Ms. Michelle Ward AT&T 534 Armory Place 4<sup>th</sup> Floor Louisville, KY 40202

Re: Subject: Preliminary Geotechnical Investigation

Site Name: PENICK (KYL004166) Site Address: 325 Hourigan Lane

Lebanon, KY 40033
Marion County

Coordinates: N37° 35′ 12.75″, W85° 07′ 18.78″

POD Project No. 19-32847

#### Dear Ms. Ward:

Power of Design (POD) is pleased to submit this report of our Preliminary Geotechnical Investigation for the proposed project. Our services were provided as authorized electronically on January 11, 2019.

This report presents a review of the information provided to us, a description of the site and subsurface conditions, and our recommendations. The appendices contain a USGS Topographic Map and USDA Web Soil Survey map and Soil Descriptions for mapped soil types.

#### **Purpose and Scope of Work**

The purpose of this effort was to evaluate the likely site conditions so that preliminary foundation design plans can be prepared. No soil borings or testing has been conducted for this report. A final Geotechnical Investigation including borings should be conducted for the proposed tower.

#### **Project Information**

POD provided a survey dated 9/14/18 of the Property. The Property is located in a pasture/agricultural crop area west of Hourigan Lane. We understand that plans call for a new 195-foot tall monopole tower with 4' lightning arrestor on the site, approximately as shown on Figure 1.



#### **Estimated Site and Subsurface Conditions**

The topography leading up to the proposed compound is a gradual slope. The elevation at the proposed tower location is about 960 feet AMSL.

The soil survey shows the Sandview silt loam (SaB) soil type for the proposed tower location. A description of this soil type is attached. In summary, the general soil profile description includes a silt loam to a depth of approximately 8 inches, silty clay loam to a depth of approximately 3 feet, silty clay to a depth of approximately 6.5 feet, with rock being at approximately 6.5-7 feet.

#### Recommendations

Based on the anticipated deep silty clay and rock, the tower will likely be supported on a pier foundation system. Groundwater should not likely be encountered in the foundation excavation. Assuming soild rock at the tower foundation bearing level, a nominal bearing pressure of about 80 kips per square foot is likely appropriate.

We appreciate the opportunity to be of service.

Cordially,

Mark Patterson, P.E.

Max Patters

Project Engineer

License No.: KY 16300

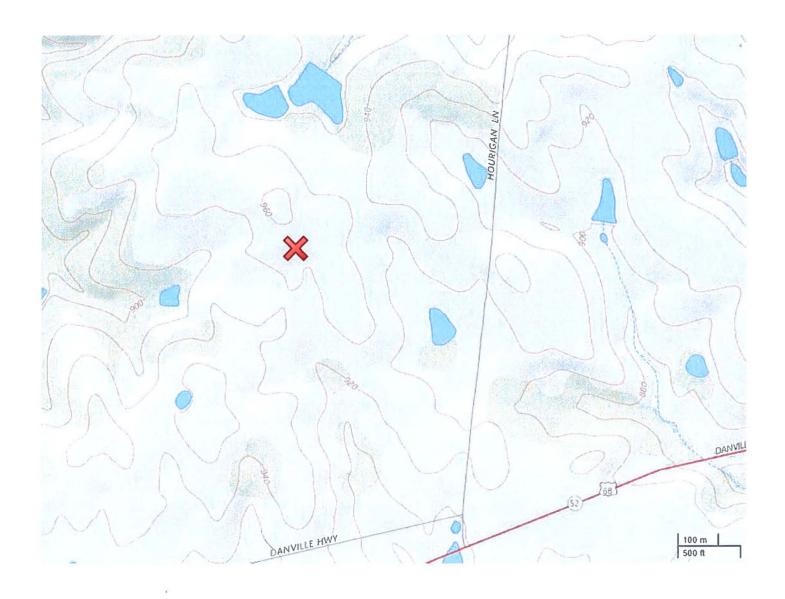
Appendix A Figure 1 - Topographic Map and Site Survey

Appendix B Soil Survey and Soil Descriptions



# **APPENDIX A**

**Topographic Map and Site Survey** 



Source: U.S. Geological Survey, 20160322, USGS US Topo 7.5-minute map for Gravel Switch, KY 2016: USGS - National Geospatial Technical Operations Center (NGTOC).





Site Name: PENICK

(KYL004166)

Site Address: 325 Hourigan Lane

Lebanon, KY 40033

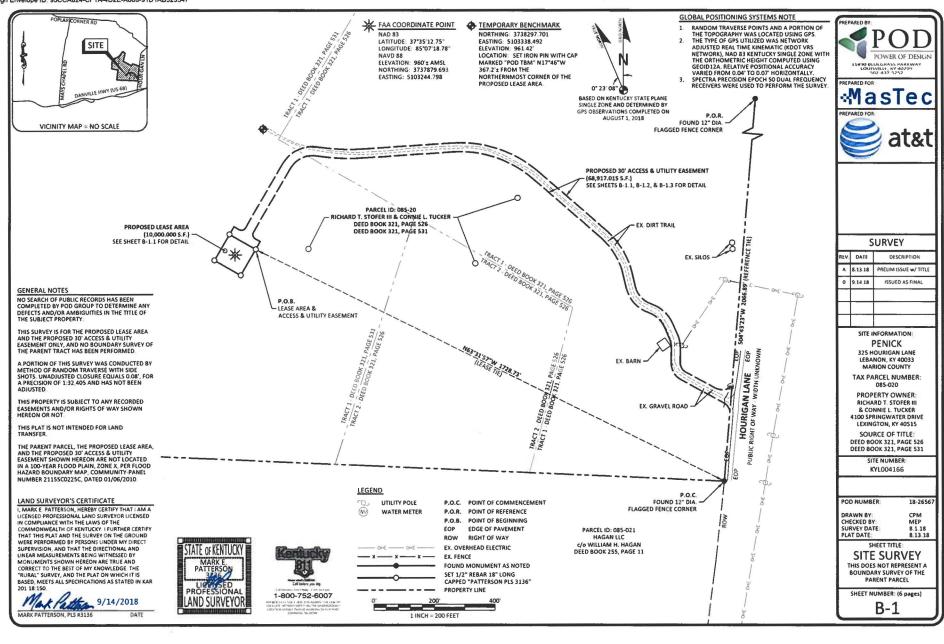
**Marion County** 

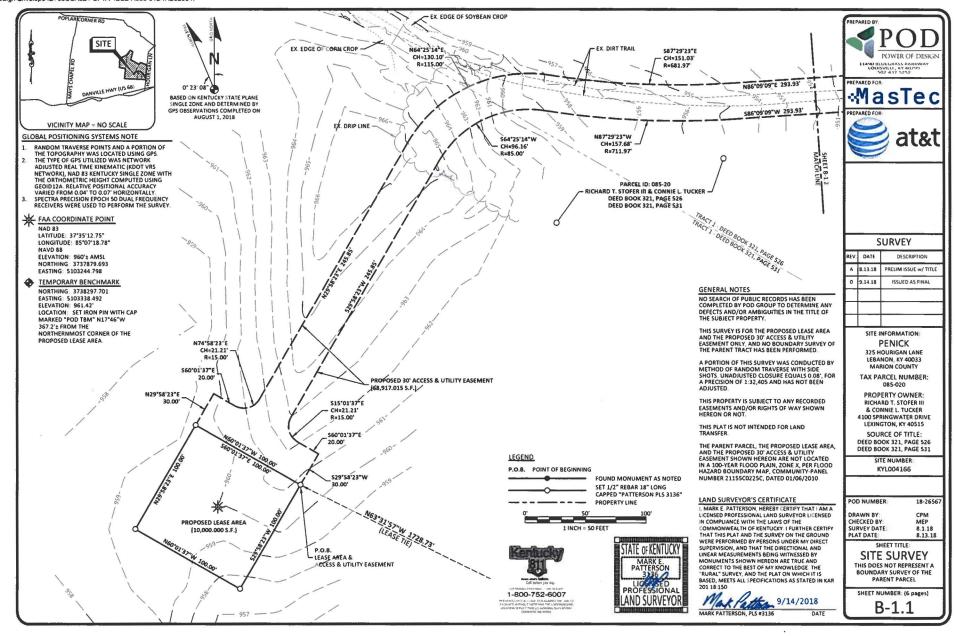
**Coordinates:** N37° 35′ 12.75″

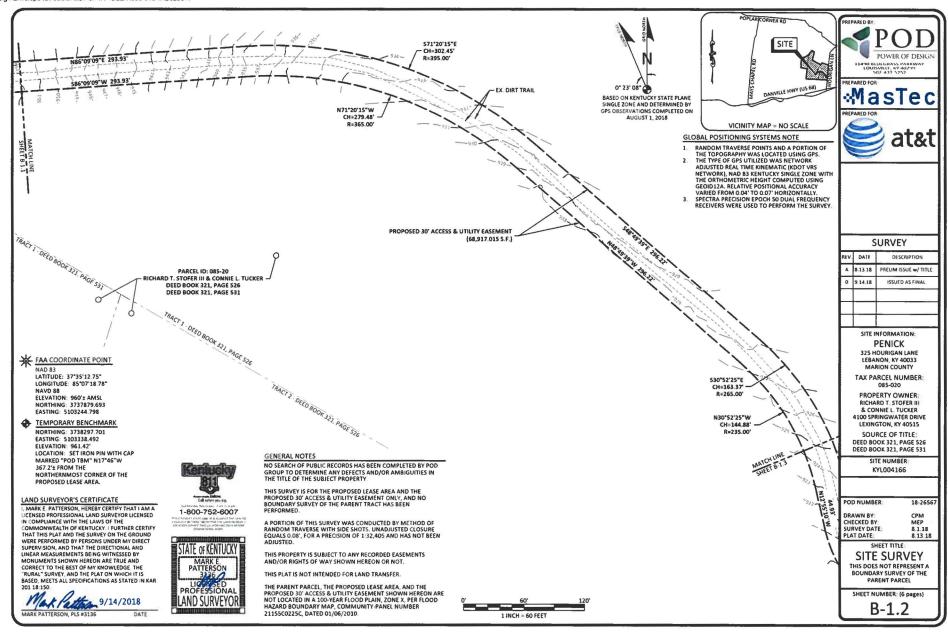
W85° 07' 18.78"

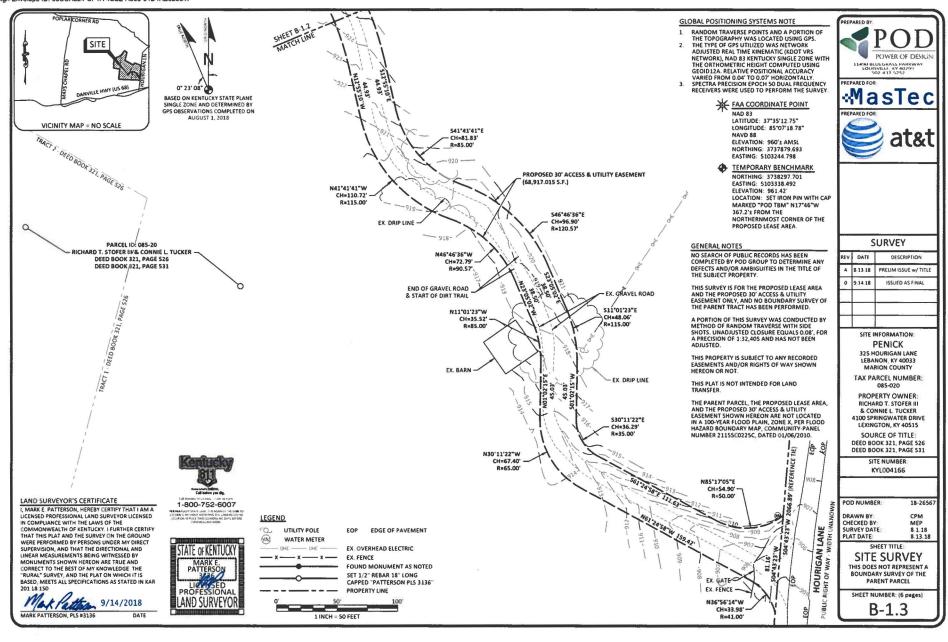
Figure 1:

Site Location Plan









PROPOSED LEASE AREA

#### LEGAL DESCRIPTIONS

THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED LEASE AREA TO BE LEASED FROM THE PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIEL, TUCKER AS RECORDED IN DEED BOOK 321, PAGE 526 AND DEED BOOK 321, PAGE 531, PARCEL ID: 085-20, WHICH IS MORE PARTICILL AND TO SECURITY OF SECURITY

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETE ON ALIGUST 1.2

COMMENCING AT A FOUND 12" DIAMETER FLAGGED FENCE CORNER IN THE SOUTHEAST CORNER OF THE PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE I. TUCKER AS RECORDED IN DEED BOOK 321, PAGE 526 (TRACT 1), BEING PART OF PARCEL ID: 085-20, SAID FENCE CORNER ALSO BEING THE MORTHEAST CORNER OF PROPERTY CONVEYED TO HAGAN LIC AS RECORDED IN DEED BOOK 255, PAGE 11, SAID FENCE CORNER ALSO BEING IN THE WEST RIGHT OF WAY LINE OF HOURIGAN LANE, SAID FENCE CORNER FOR REFERENCE BEING 504"43"23"W 2066 89" FROM A FOUND 12" DIAMETER FENCE CORNER IN THE NORTHEAST CORNER OF AFOREMENTIONED PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE I. TUCKER IN 31"3" TO A SET 11,"2" REBAR 18" LONG CAPPED "PATTERSON PLS 313"6", MERCAFFER REFERRED TO AS A "SET IPC", IN THE EASTERNMOST CORNER OF THE PROPOSED LEASE AREA AND BEING THE TRUE POINT OF BEGINNING; THENCE 529"58"23"W 100.00" TO A "SET IPC"; THENCE MSO"01"3" IN SOME THENCE MSO"01"3" IN THE EASTERNMOST CORNER OF THE PROPOSED LEASE AREA AND BEING THE TRUE POINT OF BEGINNING; THENCE 529"58"23"W 100.00" TO A "SET IPC"; THENCE MSO"01"3"E INCOME THENCE MSO"01

#### PROPOSED 30' ACCESS & UTILITY EASEMENT

THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED 30' ACCESS & UTILITY EASEMENT TO BE GRANTED ON THE PROPERTY CONVEYED TO RICHARD T. STOPER III AND CONNIE! I. TUTCKER AS RECORDED IN DEED BOOK 321, PAGE 526 AND DEED BOOK 321, PAGE 531, PARCEL ID: 085-20 WHICH IS MORE PARTICULARLY DESCRIBED SOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON AUGUST 1, 2018.

COMMENCING AT A FOUND 12" DIAMETER FLAGGED FENCE CORNER IN THE SOUTHEAST CORNER OF THE PROPERTY CONVEYED TO RICHARD T. STORED III AND CONNIE! THICKER AS RECORDED IN DEED BOOK 321 PAGE 526 (TRACT 1) REING PART OF PARCEL ID: 085-20, SAID FENCE CORNER ALSO BEING THE NORTHEAST CORNER OF PROPERTY CONVEYED TO HAGAN LLC AS RECORDED IN DEED BOOK 255, PAGE 11, SAID FENCE CORNER ALSO BEING IN THE WEST RIGHT OF WAY LINE OF HOURIGAN LANE, SAID FENCE CORNER FOR REFERENCE BEING S04"43"23"W 2066.89'
FROM A FOUND 12" DIAMETER FENCE CORNER IN THE NORTHEAST CORNER OF AFOREMENTIONED PROPERTY CONVEYED TO RICHARD T. STOFER III AND CONNIE L. TUCKER IN DEED BOOK 321, PAGE 526 (TRACT 1); THENCE TRAVERSING SAID PROPERTY CONVEYED TO STOFER AND TUCKER N63"31'57"W 1728.73' TO A SET 1/2" REBAR 18" LONG CAPPED "PATTERSON PLS 3136", HEREAFTER REFERRED TO AS A "SET IPC", IN THE EASTERNMOST CORNER OF THE PROPOSED LEASE AREA AND BEING THE TRUE POINT OF BEGINNING. THENCE WITH SAID PROPOSED LEASE AREA N60"01"37"W 100.00" TO A "SET IPC", THENCE LEAVING SAID LEASE AREA, N29"58"23"E 30.00"; THENCE S60"01"37"E 20.00"; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 15.00', N74"58"23"E 21.21'; THENCE N29"58"23"E 245.85'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 115.00'. N64"25'14"E 130,10': THENCE WITH THE CHORD OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 681.97', S87"29'23"E 151.03'; THENCE N86"09'09"E 293.93'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADILIS OF 395 OD: \$71°20'15"F 302 AS'! THENCE SAR'A9'39"F 296 22". THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 265.00', 530'52'25"E 163.37', THENCE 512'55'10"E 44.93'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 85 no. S41\*41'41"F 81 83" THENCE WITH THE CHORD OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 120.57". S46"46'36"E 96.90". THENCE \$23°05'02"E 38.50', THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 115.00', \$11°01'23"E 48.06', THENCE SO1"02"15"W 45.03", THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 35.00", S30"11"22"E 36.29", THENCE S61"24"58"E 111.63's THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF SO.00', N85°17'05"E 54.90' TO A POINT IN THE EAST LINE OF THE AFOREMENTIONED PROPERTY CONVEYED TO STOFER AND TUCKER, THENCE WITH SAID EAST LINE OF STOFER AND TUCKER SO4"43"23"W 81.16' THENCE LEAVING SAID EAST LINE AND TRAVERSING SAID PROPERTY OF STOFFR AND TUCKER WITH THE CHORD OF A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 41.00°, N36°56'14"W 33 98'; THENCE N61°24'58"W 159.42'; THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 65.00', N30"11'22"W 67.40'; THENCE N01"02'15"E 45.03'; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 85 00' N11"01"23"W 35 52" THENCE N23"05"02"W 38 50" THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 90.57, N46'46'36"W 72.79'; THENCE WITH THE CHORD OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 115.00'. NA1°A1'A1'W 110 72' THENCE N12°SS'10"W 44 93' THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 23S 00' N30"52"25"W 144.88"; THENCE N48"49"39"W 296.22"; THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 365.00" N71"20'15"W 279.48", THENCE S86'09'09"W 293.93", THENCE WITH THE CHORD OF A CURVE TO THE RIGHT HAVING A RADIUS OF 711.97 N87°29'23"W 157 68" THENCE WITH THE CHORD OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 85.00', S64°25'14"W 96.16", THENCE \$29"58"23"W 245.85", THENCE WITH THE CHORD OF A CURVE TO THE LEFT HAVING A RADIUS OF 15.00", \$15"01"37"E 21.21", THENCE S60"01'37"E 20.00", THENCE S29"58'23"W 30.00" TO THE TRUE POINT OF BEGINNING, CONTAINING 68,917.015 SQUARE FEET AS PER SURVEY BY MARK PATTERSON, PLS #3136 WITH POWER OF DESIGN GROUP, LLC DATED AUGUST 1, 2018.

#### PARENT PARCEL LEGAL DESCRIPTION

AS RECORDED IN DEED BOOK 231 PAGE 526:

#### FIRST TRACT

BEGINNING AT A STAKE, CORNER TO JAMES HOURIGAN LAND, THENCE S. 75 E. 60.72 POLES TO A STONE IN THE ROAD, CORNER TO SAME, THENCE S. 1. W. 125 POLES, THENCE S. 88 W. W. 40 POLES, THENCE N. 11 E. 34.52 POLES TO A STAKE, THENCE N. 63 W. N. 68 POLES TO A STONE, COMER TO GEORGE MOORE LAND, THENCE N. 27 W. E. 87 POLES TO THE BEGINNING, CONTAINING S4 Y ACRES, MORE OR LESS.

#### SECOND TRACT

ON LANDERS CREEK AND BEGINNING AT A STAKE IN THE OLD SPRINGFIELD ROAD AND CORNER TO MYERS LAND, THENCE S. 11 W. 34.72 POLES TO A STAKE, CORNER TO SAME IN A. HOURIGAN LAND, THENCE S. 89 % W. 38.50 POLES TO A STOTE, CORNER TO SAME THENCE N. 13 % E 53.56 POLES TO A STOTE IN SAID OLD ROAD AND CORNER TO SAME, THENCE S. 63 1/2 37.10 POLES TO THE BEGINNING, CONTAINING ID ACRES, MORE OR LESS. SAID LAND IS SOLD AND CONVEYED SUBJECT TO THE SAME RESERVATION AS THE PASSWAY SET OUT IN THE DEED FROM W.W. MYERS AND WIFE TO J.B. EVANS OF DATE FEBRUARY 7, 1882, OF RECORD IN MARION COUNTY COUNT

#### THIRD TRACT-

BEGINNING AT WITHDOW'S CORNER IN CENTER OF ROAD, THENCE S. 60 X E. 64 POLES, 5. 75 E. 40 POLES, THENCE S. 15 W; 13 X POLES TO A STAKE, CORNER TO Q.M. CHANDLER'S LAND, THENCE WITH LINE OF SAME W. 8 POLES TO GRAVEYARD, N. 4 E. 9 POLES, THENCE WEST 9 X POLES, THENCE S. 4 W. 5 POLES, THENCE W. 74 X POLES TO A STAKE IN THE ROAD, CORNER TO Q.M. CHANDLER'S LAND, THENCE WITH LINE OF J.T. RANEY'S LAND AND CENTER OF ROAD N. 2 E. 39 X POLES TO A STAKE IN THE CENTER OF SAID ROAD, THENCE N. 2 E. 14 POLES AND 21 LINKS TO THE PLACE OF BEGINNING, CONTINING IS ACRES, MORE OR LESS.

THE ABOVE THREE TRACTS OF LAND CONTAIN IN ALL 82.50 ACRES, MORE OR LESS, BUT SUBJECT TO ALL LEGAL HIGHWAYS

#### AS RECORDED IN DEED BOOK 321 PAGE 531:

TWO CERTAIN TRACTS OF LAND LYING IN THE WATERS OF LICK RUN IN MARION COUNTY, KENTUCKY, AND BOUNDED AND DESCRIBED AS

FIRST: BEGINNING AT A STONE ON THE SOUTH SIDE OF OLD ROAD AT THE GATE THENCE N. 28 E, 67 76 POLES TO A STONE IN GLASSCOCK'S LINE AND CORNER TO PUTNAM (NOW RILEY) LAND, THENCE WITH RILEY'S LINE N. 64 % W. 81.56 POLES

TO A STONE, CORNER TO RILEY, THENCE N. 11 E 69 03 POLES TO A STONE, CORNER TO RILEY, THENCE N. 57 W., 23 32 POLES TO THE CENTER OF LICK RUN TO THE CORNER OF DUDGEON, THENCE S. 49 W. 5.88 POLES TO A STONE IN LINE OF DUDGEON, THENCE S. 33 Y. W 37.60 POLES TO SUGAR TREE AND HORN BEAN, CORNER IN DUDGEON LINE AND CORNER TO A.O. WAYNE LAND, THENCE S. 3 W. 117.76 POLES TO A SLONE, CORNER TO MS. CHRISTIE, THENCE SAME COURSE S. 3. W. 82.24 POLES TO LARGE CORNER POST, A CORNER TO PAUL HOURIGAN, THENCE WITH HOURIGAN'S LINE N. 89 % E. 120 POLES TO A STONE IN LINE OF HOURIGAN AND

CORNER TO A.C. GLASSCOCK, THENCE WITH GLASSCOCK LINE N. 15 ¼ E. 50 POLES TO A STONE ON SIDE OF OLD ROAD, THENCE ALONG ROAD LINE N 61 W 32 POLES TO THE BEGINNING, CONTAINING 112 ACRES MORE OR LESS.

SECOND. BEGINNING AT A SUGAR TREE AND HORN BEAM, CORNER TO FIRST TRACT ON THE EAST SIDE OF LICK RUN, THENCE S. 3. W. 117.76 POLES TO THE STONE ON HILL, CORNER TO MRS. CHRISTIE, THENCE WITH CHRISTIE'S LINE N. 84 W 53 % POLES LO STONE TO BE PLANTED AT A SMALL BRANCH NEAR A SMALL ELM, THENCE WITH A NEW LINE N 4 % E 20 POLES, N. 11 W. 16 60 POLES TO A PLUM TREE, THENCE N. 2 % E. 16 POLES, N. 8 E. 10 68 POLES TO POINT ON LICK RUN, AND DOWN SAME N 37 % E 36 POLES, N. 71E. 16.52 POLES, N. 55 % E 26.16 POLES TO THE BEGINNING, CONTAINING 35 A CRES, MORE OR LESS.



\*MasTec

PREPARED FOR



at&t

#### **SURVEY**

A 8 13 18 PRELIM ISSUE W/ TITU 0 9.14 18 ISSUED AS FINAL	REV.	DATE	DESCRIPTION
0 9.14.18 ISSUED AS FINAL	A	8 13 18	PRELIM ISSUE W/ TITLE
	0	9.14.18	ISSUED AS FINAL
	_	311.311.50	
	_		

#### SITE INFORMATION:

PENICK 325 HOURIGAN LANE LEBANON, KY 40033 MARION COUNTY

TAX PARCEL NUMBER: 085-020

PROPERTY OWNER: RICHARD T. STOFER III & CONNIE L. TUCKER 4100 SPRINGWATER DRIVE LEXINGTON, KY 40515

SOURCE OF TITLE: DEED BOOK 321, PAGE 526 DEED BOOK 321, PAGE 531

SITE NUMBER

POD NUMBER

18-2656

DRAWN BY: CHECKED BY: SURVEY DATE PLAT DATE: CPM MEP 8.1.18

CLIDVEY

SITE SURVEY
THIS DOES NOT REPRESENT A
BOUNDARY SURVEY OF THE
PARENT PARCEL

SHEET NUMBER: (6 pages)

B-1.4

#### LAND SURVEYOR'S CERTIFICATE

I, MARK E, PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 BLIST.



9/14/2018

DATE



#### TITLE OF COMMITMENT (PARCEL ID: 085-020)

THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY POD GROUP, LLC, AND AS SUCH WE ARE NOT RESPONSIBLE FOR THE INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, INDECORDED EASEMENTS AUGMENTING EASEMENTS IMPLIED OR PRESCRIPTIVE FASEMENTS OR ANY OTHER EACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE AND THIS SURVEY WAS COMPLETED WITH THE AID OF TITLE WORK PREPARED BY US TITLE SOLUTIONS, FOR THE BENEFIT OF AT&T MOBILITY, FILE NO. 59576-KY1803-5030, FA 10589975, EFFECTIVE DATE OF APRIL 12, 2018. THE FOLLOWING COMMENTS ARE IN REGARD TO SAID REPORT.

#### SCHEDULE B

1. TAXES TAX LIENS, TAX SALES, WATER RATES, SEWER AND ASSESSMENTS SET FORTH IN SCHEDULE HEREIN

PAYMENT STATUS PAID

TAY AMOUNT \$1056.89

(NOT A LAND SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)

- 2. MORTGAGES RETURNED HEREIN. (NONE WITHIN PERIOD SEARCHED.)
- ANY STATE OF FACTS WHICH AN ACCURATE SURVEY MIGHT SHOW OR SURVEY EXCEPTIONS SET FORTH HEREIN (POD GROUP, LLC DID NOT PERFORM A BOUNDARY SURVEY OF THE PARENT PARCEL, AND THEREFORE CANNOT ADDRESS THIS ITEM.)
- RIGHTS OF TENANTS OR PERSON IN POSSESSION. (RIGHTS ARE NOT A LAND SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT **EXAMINE OR ADDRESS THIS ITEM.**)

5. NOTICE OF RECOUPMENT LIEN CONNIE L. TUCYER. DEBTOR, V. COMMONWEALTH OF \*ENTUC\*Y, SECURED PARTY, RECORDED 6/2/1995 IN BOOK 11 PAGE 727. (NOT A LAND SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)

(COVENANTS/RESTRICTIONS)

6 NONE WITHIN PERIOD SEARCHED

(EASEMENTS AND RIGHTS OF WAY)

EASEMENT BY MARIE B. GLASSCOCK, AND A. C. GLASSCOCK, HER HUSBAND TO TENNESSEE GAS PIPELINE COMPANY, DATED 10/19/1961

(EASEMENT AS RECORDED IN BOOK 91, PAGE 557 IS 6 FEET WIDE, AND IS SAID TO HAVE ITS LOCATION SHOWN ON A PLAT ATTACHED TO SAID RECORDED DOCUMENT. SAID PLAT WAS NOT INCLUDED IN TITLE DOCUMENTS, THEREFORE POD GROUP, LLC COULD NOT EXAMINE OR

#### (OTHER FILED DOCUMENTS)

RESERVATION OF PASSWAY SET FORTH IN DEED BOOK 12 PAGE 608

NOTES BEST COPY AVAILABLE

(DOCUMENT AS RECORDED IN DEED BOOK 12, PAGE 608 IS ILLEGIBLE, THEREFORE THE PASSWAY RESERVATION SET FORTH IN SAID DOCUMENT COULD NO BE PLOTTED, AND POD GROUP, LLC COULD NOT EXAMINE OR ADDRESS THIS ITEM.

#### LAND SURVEYOR'S CERTIFICATE

I. MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY, I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



9/14/2018

LICAL SED PROFESSIONAL LAND SURVEYOR DATE

STATE OF KENTUCKY

MARK E. PATTERSON



«MasTec



at&t

SURVEY

REV	DATE	DESCRIPTION
A	8.13.18	PRELIM ISSUE W/ TITLE
0	9.14.18	ISSUED AS FINAL
-		-

SITE INFORMATION: PENICK 325 HOURIGAN LANE LEBANON, KY 40033 MARION COUNTY

TAX PARCEL NUMBER: 085-020

PROPERTY OWNER: RICHARD T. STOFER III & CONNIE L. TUCKER 4100 SPRINGWATER DRIVE LEXINGTON, KY 40515

SOURCE OF TITLE: DEED BOOK 321, PAGE 526 DEED BOOK 321, PAGE 531

> SITE NUMBER KYL004166

POD NUMBER

DRAWN BY SURVEY DATE

CPM MEP 8.1.18

18-26567

SHEET TITLE

SITE SURVEY THIS DOES NOT REPRESENT A

**BOUNDARY SURVEY OF THE** PARENT PARCEL SHEET NUMBER: (6 pages)



# **APPENDIX B**

Soil Survey and Soil Descriptions



#### MAP INFORMATION MAP LEGEND The soil surveys that comprise your AOI were mapped at Area of Interest (AOI) Spoil Area 1:20,000. Area of Interest (AOI) Stony Spot Soils Warning: Soil Map may not be valid at this scale. Very Stony Spot 0 Soil Map Unit Polygons Enlargement of maps beyond the scale of mapping can cause Wet Spot Soil Map Unit Lines misunderstanding of the detail of mapping and accuracy of soil Other 0 line placement. The maps do not show the small areas of Soil Map Unit Points contrasting soils that could have been shown at a more detailed Special Line Features scale. **Special Point Features Water Features Blowout** (0) Please rely on the bar scale on each map sheet for map Streams and Canals **Borrow Pit** measurements. Transportation Clay Spot Source of Map: Natural Resources Conservation Service 莱 Rails +++ Web Soil Survey URL: Closed Depression 0 Interstate Highways Coordinate System: Web Mercator (EPSG:3857) **Gravel Pit US Routes** Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts **Gravelly Spot** Major Roads distance and area. A projection that preserves area, such as the Landfill Albers equal-area conic projection, should be used if more Local Roads accurate calculations of distance or area are required. Lava Flow Background This product is generated from the USDA-NRCS certified data as Marsh or swamp Aerial Photography of the version date(s) listed below. Mine or Quarry Soil Survey Area: Marion County, Kentucky Miscellaneous Water Survey Area Data: Version 16, Sep 11, 2018 0 Perennial Water Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Rock Outcrop Date(s) aerial images were photographed: Mar 14, 2015—Sep Saline Spot 11, 2016 Sandy Spot The orthophoto or other base map on which the soil lines were Severely Eroded Spot compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor Sinkhole shifting of map unit boundaries may be evident. Slide or Slip Sodic Spot

# **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SaB	Sandview silt loam, 2 to 6 percent slopes	1.7	100.0%
Totals for Area of Interest		1.7	100.0%

# **Map Unit Description**

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named, soils that are similar to the named components, and some minor components that differ in use and management from the major soils.

Most of the soils similar to the major components have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Some minor components, however, have properties and behavior characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. All the soils of a series have major horizons that are similar in composition, thickness, and arrangement. Soils of a given series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An undifferentiated group is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Additional information about the map units described in this report is available in other soil reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the soil reports define some of the properties included in the map unit descriptions.

# Report—Map Unit Description

# **Marion County, Kentucky**

SaB—Sandview silt loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: ljsb Elevation: 480 to 1,250 feet

Mean annual precipitation: 43 to 62 inches Mean annual air temperature: 42 to 67 degrees F

Frost-free period: 145 to 191 days

Farmland classification: All areas are prime farmland

### **Map Unit Composition**

Sandview and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

### **Description of Sandview**

#### Setting

Landform: Ridges

Landform position (two-dimensional): Summit Landform position (three-dimensional): Interfluve

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Thin fine-silty noncalcareous loess over residuum

weathered from limestone and shale

#### Typical profile

H1 - 0 to 8 inches: silt loam
H2 - 8 to 35 inches: silty clay loam
H3 - 35 to 76 inches: silty clay

R - 76 to 86 inches: unweathered bedrock

#### **Properties and qualities**

Slope: 2 to 6 percent

Depth to restrictive feature: 60 to 90 inches to lithic bedrock

Natural drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high (0.20 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Available water storage in profile: High (about 11.1 inches)

## Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: C Hydric soil rating: No

#### **Minor Components**

### Sandview, (eroded)

Percent of map unit: 2 percent

Hydric soil rating: No

### Crider

Percent of map unit: 2 percent

Hydric soil rating: No

#### **Beasley**

Percent of map unit: 2 percent Hydric soil rating: No

#### Lowell

Percent of map unit: 2 percent Hydric soil rating: No

#### **Nicholson**

Percent of map unit: 2 percent Hydric soil rating: No

## **Data Source Information**

Soil Survey Area: Marion County, Kentucky Survey Area Data: Version 16, Sep 11, 2018

# EXHIBIT H DIRECTIONS TO WCF SITE

# **Driving Directions to Proposed Tower Site**

- Beginning at 223 North Spalding Avenue, Suite 201, Lebanon, KY 40033 head Southeast on North Spalding Ave toward Martin Luther King Ave for approximately 499 feet.
- 2. Turn Left at the 2<sup>nd</sup> cross street onto US-68E / E Main Street and travel approximately 7.7 miles.
- 3. Turn left onto Hourigan Lane and travel approximately 0.4 miles.
- 4. The site is located on the left at 325 Hourigan Ln, Lebanon, KY 40033.
- 5. The site coordinates are:
  - a. North 37 deg 35 min 12.75 sec
  - b. West 85 deg 07 min 18.78 sec



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

Market: LOUISVILLE Cell Site Number: KYLO1466 Cell Site Name: PENICK Fixed Asset Number: 10589975

#### OPTION AND LEASE AGREEMENT

THIS OPTION AND LEASE AGREEMENT ("Agreement"), dated as of the latter of the signature dates below (the "Effective Date"), is entered into by Richard T. Stofer and Connie L. Tucker, husband and wife, having a mailing address of 4100 Springwater Drive, Lexington, KY 40515 (collectively, "Landlord") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosgo Drive, Atlanta, GA 30324 ("Tenant").

#### **BACKGROUND**

Landlord owns or controls that certain plot, parcel or tract of land, as described on **Exhibit 1**, together with all rights and privileges arising in connection therewith, located at 325 Hourigan Lane, in the County of Marion, State of Kentucky (collectively, the "Property"). Tenant desires to use a portion of the Property in connection with its federally licensed communications business. Landlord desires to grant to Tenant the right to use a portion of the Property in accordance with this Agreement.

The parties agree as follows:

#### 1. OPTION TO LEASE.

- (a) Landlord grants to Tenant an option (the "Option") to lease a certain portion of the Property containing approximately 10,000 square feet including the air space above such ground space, as described on attached Exhibit 1 (the "Premises"), for the placement of Tenant's Communication Facility.
- (b) During the Option Term, and during the term of this Agreement, Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, radio frequency testing and other geological or engineering tests or studies of the Property (collectively, the "Tests"), to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises and include, without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively, the "Government Approvals"), initiate the ordering and/or scheduling of necessary utilities, and otherwise to do those things on or off the Property that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Property, the environmental history of the Property, Landlord's title to the Property and the feasibility or suitability of the Property for Tenant's Permitted Use, all at Tenant's expense. Tenant will not be liable to Landlord or any third party on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Tenant's inspection. Tenant will restore the Property to its condition as it existed at the commencement of the Option Term, reasonable wear and tear and loss by casualty or other causes beyond Tenant's control excepted.
- (c) In consideration of Landlord granting Tenant the Option, Tenant agrees to pay Landlord the sum of within forty five (45) business days of the Effective Date. The Option will be for an initial term of one (1) year commencing on the Effective Date (the "Initial Option Term") and may be renewed by Tenant for an additional one (1) year (the "Renewal Option Term") upon written notification to Landlord and the payment of an additional no later than five (5) days prior to the expiration date of the Initial Option Term. The Initial Option Term and any Renewal Option Term are collectively referred to as the "Option Term."
- (d) The Option may be sold, assigned or transferred at any time by Tenant to an Affiliate (as that term is hereinafter defined) of Tenant or to any third party agreeing to be subject to the terms hereof. Otherwise,

the Option may not be sold, assigned or transferred without the written consent of Landlord, such consent not to be unreasonably withheld, conditioned or delayed. From and after the date the Option has been sold, assigned or transferred by Tenant to an Affiliate or a third party agreeing to be subject to the terms hereof, Tenant shall immediately be released from any and all liability under this Agreement, including the payment of any rental or other sums due, without any further action.

- (e) During the Option Term, Tenant may exercise the Option by notifying Landlord in writing. If Tenant exercises the Option then Landlord leases the Premises to Tenant subject to the terms and conditions of this Agreement. If Tenant does not exercise the Option during the Initial Option Term or any extension thereof, this Agreement will terminate and the parties will have no further liability to each other.
- (f) If during the Option Term, or during the term of this Agreement the Option is exercised, Landlord decides to subdivide, sell, or change the status of the zoning of the Premises, Property or any of Landlord's contiguous, adjoining or surrounding property (the "Surrounding Property,") or in the event of foreclosure, Landlord shall immediately notify Tenant in writing. Landlord agrees that during the Option Term, or during the Term of this Agreement if the Option is exercised, Landlord shall not initiate or consent to any change in the zoning of the Premises, Property or Surrounding Property or impose or consent to any other use or restriction that would prevent or limit Tenant from using the Premises for the Permitted Use. Any and all terms and conditions of this Agreement that by their sense and context are intended to be applicable during the Option Term shall be so applicable.
- 2. PERMITTED USE. Tenant may use the Premises for the transmission and reception of communications signals and the installation, construction, maintenance, operation, repair, replacement and upgrade of its communications fixtures and related equipment, cables, accessories and improvements, which may include a suitable support structure, associated antennas, equipment shelters or cabinets and fencing and any other items necessary to the successful and secure use of the Premises (collectively, the "Communication Facility"), as well as the right to test, survey and review title on the Property; Tenant further has the right but not the obligation to add, modify and/or replace equipment in order to be in compliance with any current or future federal, state or local mandated application, including, but not limited to, emergency 911 communication services, at no additional cost to Tenant or Landlord (collectively, the "Permitted Use"). Landlord and Tenant agree that any portion of the Communication Facility that may be conceptually described on Exhibit 1 will not be deemed to limit Tenant's Permitted Use. If Exhibit 1 includes drawings of the initial installation of the Communication Facility, Landlord's execution of this Agreement will signify Landlord's approval of Exhibit 1. For a period of ninety (90) days following the start of construction, Landlord grants Tenant, its subtenants, licensees and sublicensees, the right to use such portions of Landlord's contiguous, adjoining or Surrounding Property as described on Exhibit 1 as may reasonably be required during construction and installation of the Communication Facility. Tenant has the right to install and operate transmission cables from the equipment shelter or cabinet to the antennas, electric lines from the main feed to the equipment shelter or cabinet and communication lines from the Property's main entry point to the equipment shelter or cabinet, and to make other improvements, alterations, upgrades or additions appropriate for Tenant's Permitted Use, including the right to construct a fence around the Premises and undertake any other appropriate means to secure the Premises at Tenant's expense. Tenant has the right to modify, supplement, replace, upgrade, expand the equipment, increase the number of antennas or relocate the Communication Facility within the Premises at any time during the term of this Agreement. Tenant will be allowed to make such alterations to the Property in order to ensure that Tenant's Communication Facility complies with all applicable federal, state or local laws, rules or regulations.

## 3. TERM.

- (a) The initial lease term will be five (5) years (the "Initial Term"), commencing on the effective date of written notification by Tenant to Landlord of Tenant's exercise of the Option (the "Term Commencement Date"). The Initial Term will terminate on the fifth (5th) anniversary of the Term Commencement Date.
- (b) This Agreement will automatically renew for four (4) additional five (5) year term(s) (each five (5) year term shall be defined as an "Extension Term"), upon the same terms and conditions unless Tenant

notifies Landlord in writing of Tenant's intention not to renew this Agreement at least sixty (60) days prior to the expiration of the Initial Term or then-existing Extension Term.

- (c) Unless (i) Landlord or Tenant notifies the other in writing of its intention to terminate this Agreement at least six (6) months prior to the expiration of the final Extension Term, or (ii) the Agreement is terminated as otherwise permitted by this Agreement prior to the end of the final Extension Term, then upon the expiration of the final Extension Term, this Agreement shall continue in force upon the same covenants, terms and conditions for a further term of one (1) year, and for annual terms thereafter ("Annual Term") until terminated by either party by giving to the other written notice of its intention to so terminate at least six (6) months prior to the end of any such Annual Term. Monthly rental during such Annual Terms shall be equal to the Rent paid for the last month of the final Extension Term. If Tenant remains in possession of the Premises after the termination of this Agreement, then Tenant will be deemed to be occupying the Premises on a month-to-month basis (the "Holdover Term"), subject to the terms and conditions of this Agreement.
- (d) The Initial Term, any Extension Terms, any Annual Terms and any Holdover Term are collectively referred to as the Term (the "Term").

#### 4. RENT.

- (a) Commencing on the first day of the month following the date that Tenant commences construction (the "Rent Commencement Date"), Tenant will pay Landlord on or before the fifth (5th) day of each calendar month in advance (the "Rent"), at the address set forth above. In any partial month occurring after the Rent Commencement Date, Rent will be prorated. The initial Rent payment will be forwarded by Tenant to Landlord within forty-five (45) days after the Rent Commencement Date.
- (b) In year one (1) of each Extension Term, the monthly Rent will increase by over the Rent paid during the previous five (5) year term.
- (c) All charges payable under this Agreement such as utilities and taxes shall be billed by Landlord within one (1) year from the end of the calendar year in which the charges were incurred; any charges beyond such period shall not be billed by Landlord, and shall not be payable by Tenant. The foregoing shall not apply to monthly Rent which is due and payable without a requirement that it be billed by Landlord. The provisions of this subsection shall survive the termination or expiration of this Agreement.

#### APPROVALS.

- (a) Landlord agrees that Tenant's ability to use the Premises is contingent upon the suitability of the Premises and Property for Tenant's Permitted Use and Tenant's ability to obtain and maintain all Government Approvals. Landlord authorizes Tenant to prepare, execute and file all required applications to obtain Government Approvals for Tenant's Permitted Use under this Agreement and agrees to reasonably assist Tenant with such applications and with obtaining and maintaining the Government Approvals.
- (b) Tenant has the right to obtain a title report or commitment for a leasehold title policy from a title insurance company of its choice and to have the Property surveyed by a surveyor of its choice.
- (c) Tenant may also perform and obtain, at Tenant's sole cost and expense, soil borings, percolation tests, engineering procedures, environmental investigation or other tests or reports on, over, and under the Property, necessary to determine if Tenant's use of the Premises will be compatible with Tenant's engineering specifications, system, design, operations or Government Approvals.
- 6. **TERMINATION.** This Agreement may be terminated, without penalty or further liability, as follows:
- (a) by either party on thirty (30) days prior written notice, if the other party remains in default under Section 15 of this Agreement after the applicable cure periods;
- (b) by Tenant upon written notice to Landlord, if Tenant is unable to obtain or maintain, any required approval(s) or the issuance of a license or permit by any agency, board, court or other governmental authority necessary for the construction or operation of the Communication Facility as now or hereafter intended

by Tenant; or if Tenant determines, in its sole discretion that the cost of or delay in obtaining or retaining the same is commercially unreasonable;

- (c) by Tenant, upon written notice to Landlord, if Tenant determines, in its sole discretion, due to the title report results or survey results, that the condition of the Premises is unsatisfactory for its intended uses;
- (d) by Tenant upon written notice to Landlord for any reason or no reason, at any time prior to commencement of construction by Tenant; or
- (e) by Tenant upon sixty (60) days' prior written notice to Landlord for any reason or no reason, so long as Tenant pays Landlord a termination fee equal to six (6) months' Rent, at the then-current rate, provided, however, that no such termination fee will be payable on account of the termination of this Agreement by Tenant under any termination provision contained in any other Section of this Agreement, including the following: 5 Approvals, 6(a) Termination, 6(b) Termination, 6(c) Termination, 6(d) Termination, 11(d) Environmental, 18 Condemnation, or 19 Casualty.

#### 7. INSURANCE.

(a) During the Term, Tenant will carry, at its own cost and expense, the following insurance: (i) workers' compensation insurance as required by law; and (ii) commercial general liability (CGL) insurance with respect to its activities on the Property, such insurance to afford protection of up to

per occurrence and general aggregate, based on Insurance Services Office (ISO) Form CG 00 01 or a substitute form providing substantially equivalent coverage. Tenant's CGL insurance shall contain a provision including Landlord as an additional insured. Such additional insured coverage:

- (i) shall be limited to bodily injury, property damage or personal and advertising injury caused, in whole or in part, by Tenant, its employees, agents or independent contractors;
- (ii) shall not extend to claims for punitive or exemplary damages arising out of the acts or omissions of Landlord, its employees, agents or independent contractors or where such coverage is prohibited by law or to claims arising out of the gross negligence of Landlord, its employees, agents or independent contractors; and
  - (iii) shall not exceed Tenant's indemnification obligation under this Agreement, if any.
- (b) Notwithstanding the foregoing, Tenant shall have the right to self-insure the coverages required in subsection (a). In the event Tenant elects to self-insure its obligation to include Landlord as an additional insured, the following provisions shall apply (in addition to those set forth in subsection (a)):
  - (i) Landlord shall promptly and no later than thirty (30) days after notice thereof provide Tenant with written notice of any claim, demand, lawsuit, or the like for which it seeks coverage pursuant to this Section and provide Tenant with copies of any demands, notices, summonses, or legal papers received in connection with such claim, demand, lawsuit, or the like;
  - (ii) Landlord shall not settle any such claim, demand, lawsuit, or the like without the prior written consent of Tenant; and
  - (iii) Landlord shall fully cooperate with Tenant in the defense of the claim, demand, lawsuit, or the like.

#### 8. INTERFERENCE.

- (a) Prior to or concurrent with the execution of this Agreement, Landlord has provided or will provide Tenant with a list of radio frequency user(s) and frequencies used on the Property as of the Effective Date. Tenant warrants that its use of the Premises will not interfere with those existing radio frequency uses on the Property, as long as those existing radio frequency user(s) operate and continue to operate within their respective frequencies and in accordance with all applicable laws and regulations.
- (b) Landlord will not grant, after the date of this Agreement, a lease, license or any other right to any third party, if the exercise of such grant may in any way adversely affect or interfere with the Communication Facility, the operations of Tenant or the rights of Tenant under this Agreement. Landlord will notify Tenant in writing prior to granting any third party the right to install and operate communications equipment on the Property.
- (c) Landlord will not, nor will Landlord permit its employees, tenants, licensees, invitees, agents or independent contractors to, interfere in any way with the Communication Facility, the operations of Tenant or the rights of Tenant under this Agreement. Landlord will cause such interference to cease within twenty-four (24) hours after receipt of notice of interference from Tenant. In the event any such interference does not cease within the aforementioned cure period, Landlord shall cease all operations which are suspected of causing interference (except for intermittent testing to determine the cause of such interference) until the interference has been corrected.
- (d) For the purposes of this Agreement, "interference" may include, but is not limited to, any use on the Property or Surrounding Property that causes electronic or physical obstruction with, or degradation of, the communications signals from the Communication Facility.

#### 9. INDEMNIFICATION.

- (a) Tenant agrees to indemnify, defend and hold Landlord harmless from and against any and all injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) arising directly from the installation, use, maintenance, repair or removal of the Communication Facility or Tenant's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Landlord, its employees, agents or independent contractors.
- (b) Landlord agrees to indemnify, defend and hold Tenant harmless from and against any and all injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) arising directly from the actions or failure to act of Landlord, its employees or agents, or Landlord's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Tenant, its employees, agents or independent contractors.
- (c) The indemnified party: (i) shall promptly provide the indemnifying party with written notice of any claim, demand, lawsuit, or the like for which it seeks indemnification pursuant to this Section and provide the indemnifying party with copies of any demands, notices, summonses, or legal papers received in connection with such claim, demand, lawsuit, or the like; (ii) shall not settle any such claim, demand, lawsuit, or the like without the prior written consent of the indemnifying party; and (iii) shall fully cooperate with the indemnifying party in the defense of the claim, demand, lawsuit, or the like. A delay in notice shall not relieve the indemnifying party of its indemnity obligation, except (1) to the extent the indemnifying party can show it was prejudiced by the delay; and (2) the indemnifying party shall not be liable for any settlement or litigation expenses incurred before the time when notice is given.

#### 10. WARRANTIES.

- (a) Tenant and Landlord each acknowledge and represent that it is duly organized, validly existing and in good standing and has the right, power and authority to enter into this Agreement and bind itself hereto through the party set forth as signatory for the party below.
- (b) Landlord represents, warrants and agrees that: (i) Landlord solely owns the Property as a legal lot in fee simple, or controls the Property by lease or license; (ii) the Property is not and will not be encumbered by any liens, restrictions, mortgages, covenants, conditions, easements, leases, or any other agreements of record or not of record, which would adversely affect Tenant's Permitted Use and enjoyment of the Premises under this

Agreement; (iii) as long as Tenant is not in default then Landlord grants to Tenant sole, actual, quiet and peaceful use, enjoyment and possession of the Premises without hindrance or ejection by any persons lawfully claiming under Landlord; (iv) Landlord's execution and performance of this Agreement will not violate any laws, ordinances, covenants or the provisions of any mortgage, lease or other agreement binding on Landlord; and (v) if the Property is or becomes encumbered by a deed to secure a debt, mortgage or other security interest, Landlord will provide promptly to Tenant a mutually agreeable subordination, non-disturbance and attornment agreement executed by Landlord and the holder of such security interest.

## 11. ENVIRONMENTAL.

- (a) Landlord represents and warrants that, except as may be identified in **Exhibit 11** attached to this Agreement, (i) the Property, as of the date of this Agreement, is free of hazardous substances, including asbestos-containing materials and lead paint, and (ii) the Property has never been subject to any contamination or hazardous conditions resulting in any environmental investigation, inquiry or remediation. Landlord and Tenant agree that each will be responsible for compliance with any and all applicable governmental laws, rules, statutes, regulations, codes, ordinances, or principles of common law regulating or imposing standards of liability or standards of conduct with regard to protection of the environment or worker health and safety, as may now or at any time hereafter be in effect, to the extent such apply to that party's activity conducted in or on the Property.
- (b) Landlord and Tenant agree to hold harmless and indemnify the other from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of the indemnifying party for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any action, notice, claim, order, summons, citation, directive, litigation, investigation or proceeding ("Claims"), to the extent arising from that party's breach of its obligations or representations under Section 11(a). Landlord agrees to hold harmless and indemnify Tenant from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of Landlord for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any Claims, to the extent arising from subsurface or other contamination of the Property with hazardous substances prior to the Effective Date of this Agreement or from such contamination caused by the acts or omissions of Landlord during the Term. Tenant agrees to hold harmless and indemnify Landlord from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of Tenant for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any Claims, to the extent arising from hazardous substances brought onto the Property by Tenant.
- (c) The indemnifications of this Section 11 specifically include reasonable costs, expenses and fees incurred in connection with any investigation of Property conditions or any clean-up, remediation, removal or restoration work required by any governmental authority. The provisions of this Section 11 will survive the expiration or termination of this Agreement.
- (d) In the event Tenant becomes aware of any hazardous substances on the Property, or any environmental, health or safety condition or matter relating to the Property, that, in Tenant's sole determination, renders the condition of the Premises or Property unsuitable for Tenant's use, or if Tenant believes that the leasing or continued leasing of the Premises would expose Tenant to undue risks of liability to a government agency or other third party, Tenant will have the right, in addition to any other rights it may have at law or in equity, to terminate this Agreement upon written notice to Landlord.
- ACCESS. At all times throughout the Term of this Agreement, and at no additional charge to Tenant, Tenant and its employees, agents, and subcontractors, will have twenty-four (24) hour per day, seven (7) day per week pedestrian and vehicular access ("Access") to and over the Property, from an open and improved public road to the Premises, for the installation, maintenance and operation of the Communication Facility and any utilities serving the Premises. As may be described more fully in Exhibit 1, Landlord grants to Tenant an easement for such Access and Landlord agrees to provide to Tenant such codes, keys and other instruments necessary for such Access at no additional cost to Tenant. Upon Tenant's request, Landlord will execute a separate recordable easement evidencing this right. Landlord shall execute a letter granting Tenant Access to the Property substantially in the form attached as Exhibit 12; upon Tenant's request, Landlord shall execute

additional letters during the Term. Landlord acknowledges that in the event Tenant cannot obtain Access to the Premises, Tenant shall incur significant damage. If Landlord fails to provide the Access granted by this Section 12, such failure shall be a default under this Agreement. In connection with such default, in addition to any other rights or remedies available to Tenant under this Agreement or at law or equity, Landlord shall pay Tenant, as liquidated damages and not as a penalty. Der day in consideration of Tenant's damages until Landlord cures such default. Landlord and Tenant agree that Tenant's damages in the event of a denial of Access are difficult, if not impossible, to ascertain, and the liquidated damages set forth above are a reasonable approximation of such damages.

13. REMOVAL/RESTORATION. All portions of the Communication Facility brought onto the Property by Tenant will be and remain Tenant's personal property and, at Tenant's option, may be removed by Tenant at any time during the Term. Landlord covenants and agrees that no part of the Communication Facility constructed, erected or placed on the Premises by Tenant will become, or be considered as being affixed to or a part of, the Property, it being the specific intention of the Landlord that all improvements of every kind and nature constructed, erected or placed by Tenant on the Premises will be and remain the property of the Tenant and may be removed by Tenant at any time during the Term. Within one hundred twenty (120) days after the termination of this Agreement, Tenant will, to the extent reasonable, restore the Premises to its condition at the commencement of the Agreement, reasonable wear and tear and loss by casualty or other causes beyond Tenant's control excepted. Footings, foundations, and concrete will be removed to a depth of three-feet below grade. Notwithstanding the foregoing, Tenant will not be responsible for the replacement of any trees, shrubs, or other vegetation, nor will Tenant be required to remove from the Premises or the Property any underground utilities.

#### 14. MAINTENANCE/UTILITIES.

- (a) Tenant will keep and maintain the Premises in good condition, reasonable wear and tear and damage from the elements excepted. Landlord will maintain and repair the Property and access thereto and all areas of the Premises where Tenant does not have exclusive control, in good and tenantable condition, subject to reasonable wear and tear and damage from the elements. Landlord will be responsible for maintenance of landscaping on the Property, excluding any landscaping installed by Tenant as a condition of this Agreement or any required permit. Notwithstanding the foregoing, Tenant shall be responsible for the construction, maintenance, and upkeep of any Tenant constructed access road installed on the Property to the Communication Facility.
- Tenant will be responsible for paying on a monthly or quarterly basis all utilities charges for electricity, telephone service or any other utility used or consumed by Tenant on the Premises. In the event Tenant cannot secure its own metered electrical supply, Tenant will have the right, at its own cost and expense. to submeter from Landlord. When submetering is required under this Agreement, Landlord will read the meter and provide Tenant with an invoice and usage data on a monthly basis. Landlord agrees that it will not include a markup on the utility charges. Landlord further agrees to provide the usage data and invoice on forms provided by Tenant and to send such forms to such address and/or agent designated by Tenant. Tenant will remit payment within forty-five (45) days of receipt of the usage data and required forms. As noted in Section 4(c) above, any utility fee recovery by Landlord is limited to a twelve (12) month period. If Tenant submeters electricity from Landlord, Landlord agrees to give Tenant at least twenty-four (24) hours advance notice of any planned interruptions of said electricity. Landlord acknowledges that Tenant provides a communication service which requires electrical power to operate and must operate twenty-four (24) hours per day, seven (7) days per week. If the interruption is for an extended period of time, in Tenant's reasonable determination, Landlord agrees to allow Tenant the right to bring in a temporary source of power for the duration of the interruption. Landlord will not be responsible for interference with, interruption of or failure, beyond the reasonable control of Landlord, of such services to be furnished or supplied by Landlord.
- (c) Landlord hereby grants to any company providing utility or similar services, including electric power and telecommunications, to Tenant an easement over the Property, from an open and improved public road to the Premises, and upon the Premises, for the purpose of constructing, operating and maintaining such lines, wires, circuits, and conduits, associated equipment cabinets and such appurtenances thereto, as such companies may from time to time require in order to provide such services to the Premises. Upon Tenant's or

the service company's request, Landlord will execute a separate recordable easement evidencing this grant, at no cost to Tenant or the service company.

## 15. DEFAULT AND RIGHT TO CURE.

- (a) The following will be deemed a default by Tenant and a breach of this Agreement: (i) non-payment of Rent if such Rent remains unpaid for more than thirty (30) days after written notice from Landlord of such failure to pay; or (ii) Tenant's failure to perform any other term or condition under this Agreement within forty-five (45) days after written notice from Landlord specifying the failure. No such failure, however, will be deemed to exist if Tenant has commenced to cure such default within such period and provided that such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Tenant. If Tenant remains in default beyond any applicable cure period, Landlord will have the right to exercise any and all rights and remedies available to it under law and equity.
- (b) The following will be deemed a default by Landlord and a breach of this Agreement: (i) Landlord's failure to provide Access to the Premises as required by Section 12 of this Agreement within twenty-four (24) hours after written notice of such failure; (ii) Landlord's failure to cure an interference problem as required by Section 8 of this Agreement within twenty-four (24) hours after written notice of such failure; or (iii) Landlord's failure to perform any term, condition or breach of any warranty or covenant under this Agreement within forty-five (45) days after written notice from Tenant specifying the failure. No such failure, however, will be deemed to exist if Landlord has commenced to cure the default within such period and provided such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Landlord. If Landlord remains in default beyond any applicable cure period, Tenant will have: (i) the right to cure Landlord's default and to deduct the costs of such cure from any monies due to Landlord from Tenant, and (ii) any and all other rights available to it under law and equity.
- 16. ASSIGNMENT/SUBLEASE. Tenant will have the right to assign this Agreement or sublease the Premises and its rights herein, in whole or in part, without Landlord's consent. Upon notification to Landlord of such assignment, Tenant will be relieved of all future performance, liabilities and obligations under this Agreement to the extent of such assignment.17. NOTICES. All notices, requests and demands hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows:

If to Tenant: New Cingular Wireless PCS, LLC

Attn: Network Real Estate Administration

Re: Cell Site #KYLO1466; Cell Site Name: Penick(KY)

Fixed Asset No.: 10589975

575 Morosgo Drive Atlanta, GA 30324

With a copy to:

New Cingular Wireless PCS, LLC

Attn.: Legal Department

Re: Cell Site #: KYLO1466; Cell Site Name: Penick (KY)

Fixed Asset No.: 10589975 208 S. Akard Street Dallas, TX 75202-4206

The copy sent to the Legal Department is an administrative step which alone does not constitute legal notice.

If to Landlord:

Richard Stofer

4100 Springwater Drive Lexington, KY 40515

Either party hereto may change the place for the giving of notice to it by thirty (30) days' prior written notice to the other as provided herein.

- 18. CONDEMNATION. In the event Landlord receives notification of any condemnation proceedings affecting the Property, Landlord will provide notice of the proceeding to Tenant within forty-eight (48) hours. If a condemning authority takes all of the Property, or a portion sufficient, in Tenant's sole determination, to render the Premises unsuitable for Tenant, this Agreement will terminate as of the date the title vests in the condemning authority. The parties will each be entitled to pursue their own separate awards in the condemnation proceeds, which for Tenant will include, where applicable, the value of its Communication Facility, moving expenses, prepaid Rent, and business dislocation expenses. Tenant will be entitled to reimbursement for any prepaid Rent on a prorata basis.
- CASUALTY. Landlord will provide notice to Tenant of any casualty or other harm affecting the 19. Property within forty-eight (48) hours of the casualty or other harm. If any part of the Communication Facility or Property is damaged by casualty or other harm as to render the Premises unsuitable, in Tenant's sole determination, then Tenant may terminate this Agreement by providing written notice to Landlord, which termination will be effective as of the date of such casualty or other harm. Upon such termination, Tenant will be entitled to collect all insurance proceeds payable to Tenant on account thereof and to be reimbursed for any prepaid Rent on a prorata basis. Landlord agrees to permit Tenant to place temporary transmission and reception facilities on the Property, but only until such time as Tenant is able to activate a replacement transmission facility at another location; notwithstanding the termination of the Agreement, such temporary facilities will be governed by all of the terms and conditions of this Agreement, including Rent. If Landlord or Tenant undertakes to rebuild or restore the Premises and/or the Communication Facility, as applicable, Landlord agrees to permit Tenant to place temporary transmission and reception facilities on the Property at no additional Rent until the reconstruction of the Premises and/or the Communication Facility is completed. If Landlord determines not to rebuild or restore the Property, Landlord will notify Tenant of such determination within thirty (30) days after the casualty or other harm. If Landlord does not so notify Tenant, and Tenant decides not to terminate under this Section, then Landlord will promptly rebuild or restore any portion of the Property interfering with or required for Tenant's Permitted Use of the Premises to substantially the same condition as existed before the casualty or other harm. Landlord agrees that the Rent shall be abated until the Property and/or the Premises are rebuilt or restored, unless Tenant places temporary transmission and reception facilities on the Property.
- 20. WAIVER OF LANDLORD'S LIENS. Landlord waives any and all lien rights it may have, statutory or otherwise, concerning the Communication Facility or any portion thereof. The Communication Facility shall be deemed personal property for purposes of this Agreement, regardless of whether any portion is deemed real or personal property under applicable law; Landlord consents to Tenant's right to remove all or any portion of the Communication Facility from time to time in Tenant's sole discretion and without Landlord's consent.

### 21. TAXES.

(a) Landlord shall be responsible for timely payment of all taxes and assessments levied upon the lands, improvements and other property of Landlord, including any such taxes that may be calculated by the taxing authority using any method, including the income method. Tenant shall be responsible for any taxes and assessments attributable to and levied upon Tenant's leasehold improvements on the Premises if and as set forth in this Section 21. Nothing herein shall require Tenant to pay any inheritance, franchise, income, payroll, excise, privilege, rent, capital stock, stamp, documentary, estate or profit tax, or any tax of similar nature, that is or may be imposed upon Landlord.

- (b) In the event Landlord receives a notice of assessment with respect to which taxes or assessments are imposed on Tenant's leasehold improvements on the Premises, Landlord shall provide Tenant with copies of each such notice immediately upon receipt, but in no event later than thirty (30) days after the date of such notice of assessment. If Landlord does not provide such notice or notices to Tenant within such time period, Landlord shall be responsible for payment of the tax or assessment set forth in the notice, and Landlord shall not have the right to reimbursement of such amount from Tenant. If Landlord provides a notice of assessment to Tenant within such time period and requests reimbursement from Tenant as set forth below, then Tenant shall reimburse Landlord for the tax or assessments identified on the notice of assessment on Tenant's leasehold improvements, which has been paid by Landlord. If Landlord seeks reimbursement from Tenant, Landlord shall, no later than thirty (30) days after Landlord's payment of the taxes or assessments for the assessed tax year, provide Tenant with written notice including evidence that Landlord has timely paid same, and Landlord shall provide to Tenant any other documentation reasonably requested by Tenant to allow Tenant to evaluate the payment and to reimburse Landlord.
- (c) For any tax amount for which Tenant is responsible under this Agreement, Tenant shall have the right to contest, in good faith, the validity or the amount thereof using such administrative, appellate or other proceedings as may be appropriate in the jurisdiction, and may defer payment of such obligations, pay same under protest, or take such other steps as Tenant may deem appropriate. This right shall include the ability to institute any legal, regulatory or informal action in the name of Landlord, Tenant, or both, with respect to the valuation of the Premises. Landlord shall cooperate with respect to the commencement and prosecution of any such proceedings and will execute any documents required therefor. The expense of any such proceedings shall be borne by Tenant and any refunds or rebates secured as a result of Tenant's action shall belong to Tenant, to the extent the amounts were originally paid by Tenant. In the event Tenant notifies Landlord by the due date for assessment of Tenant's intent to contest the assessment, Landlord shall not pay the assessment pending conclusion of the contest, unless required by applicable law.
- (d) Landlord shall not split or cause the tax parcel on which the Premises are located to be split, bifurcated, separated or divided without the prior written consent of Tenant.
- (e) Tenant shall have the right but not the obligation to pay any taxes due by Landlord hereunder if Landlord fails to timely do so, in addition to any other rights or remedies of Tenant. In the event that Tenant exercises its rights under this Section 21(e) due to such Landlord default, Tenant shall have the right to deduct such tax amounts paid from any monies due to Landlord from Tenant as provided in Section 15(b), provided that Tenant may exercise such right without having provided to Landlord notice and the opportunity to cure per Section 15(b).
- (f) Any tax-related notices shall be sent to Tenant in the manner set forth in Section 17 and, in addition, of a copy of any such notices shall be sent to the following address. Promptly after the Effective Date of this Agreement, Landlord shall provide the following address to the taxing authority for the authority's use in the event the authority needs to communicate with Tenant. In the event that Tenant's tax addresses changes by notice to Landlord, Landlord shall be required to provide Tenant's new tax address to the taxing authority or authorities.

New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration -- Taxes
Re: Cell Site #KYLO1466; Cell Site Name: Penick (KY)
Fixed Asset No: 10589975
575 Morosgo Drive
Atlanta, GA 30324

(g) Notwithstanding anything to the contrary contained in this Section 21, Tenant shall have no obligation to reimburse any tax or assessment for which the Landlord is reimbursed or rebated by a third party.

### 22. SALE OF PROPERTY

- (a) Landlord shall not be prohibited from the selling, leasing or use of any of the Property or the Surrounding Property except as provided below.
- (b) If Landlord, at any time during the Term of this Agreement, decides to rezone or sell, subdivide or otherwise transfer all or any part of the Premises, or all or any part of the Property or Surrounding Property, to a purchaser other than Tenant, Landlord shall promptly notify Tenant in writing, and such rezoning, sale, subdivision or transfer shall be subject to this Agreement and Tenant's rights hereunder. In the event of a change in ownership, transfer or sale of the Property, within ten (10) days of such transfer, Landlord or its successor shall send the documents listed below in this subsection (b) to Tenant. Until Tenant receives all such documents, Tenant shall not be responsible for any failure to make payments under this Agreement and reserves the right to hold payments due under this Agreement.
  - i. Old deed to Property
  - ii. New deed to Property
  - iii. Bill of Sale or Transfer
  - iv. Copy of current Tax Bill
  - v. New IRS Form W-9
  - vi. Completed and Signed AT&T Payment Direction Form
  - vii. Full contact information for new Landlord including phone number(s)
- (c) Landlord agrees not to sell, lease or use any areas of the Property or Surrounding Property for the installation, operation or maintenance of other wireless communications facilities if such installation, operation or maintenance would interfere with Tenant's Permitted Use or communications equipment as determined by radio propagation tests performed by Tenant in its sole discretion. Landlord or Landlord's prospective purchaser shall reimburse Tenant for any costs and expenses of such testing. If the radio frequency propagation tests demonstrate levels of interference unacceptable to Tenant, Landlord shall be prohibited from selling, leasing or using any areas of the Property or the Surrounding Property for purposes of any installation, operation or maintenance of any other wireless communications facility or equipment.
- (d) The provisions of this Section shall in no way limit or impair the obligations of Landlord under this Agreement, including interference and access obligations.
- 23. RENTAL STREAM OFFER. If at any time after the date of this Agreement, Landlord receives a bona fide written offer from a third party seeking an assignment or transfer of Rent payments associated with this Agreement ("Rental Stream Offer"), Landlord shall immediately furnish Tenant with a copy of the Rental Stream Offer. Tenant shall have the right within twenty (20) days after it receives such copy to match the Rental Stream Offer and agree in writing to match the terms of the Rental Stream Offer. Such writing shall be in the form of a contract substantially similar to the Rental Stream Offer. If Tenant chooses not to exercise this right or fails to provide written notice to Landlord within the twenty (20) day period, Landlord may assign the right to receive Rent payments pursuant to the Rental Stream Offer, subject to the terms of this Agreement. If Landlord attempts to assign or transfer Rent payments without complying with this Section, the assignment or transfer shall be void. Tenant shall not be responsible for any failure to make payments under this Agreement and reserves the right to hold payments due under this Agreement until Landlord complies with this Section.

#### 24. MISCELLANEOUS.

- (a) Amendment/Waiver. This Agreement cannot be amended, modified or revised unless done in writing and signed by Landlord and Tenant. No provision may be waived except in a writing signed by both parties. The failure by a party to enforce any provision of this Agreement or to require performance by the other party will not be construed to be a waiver, or in any way affect the right of either party to enforce such provision thereafter.
- (b) Memorandum/Short Form Lease. Contemporaneously with the execution of this Agreement, the parties will execute a recordable Memorandum or Short Form of Lease substantially in the form attached as

- Exhibit 24b. Either party may record this Memorandum or Short Form of Lease at any time during the Term, in its absolute discretion. Thereafter during the Term of this Agreement, either party will, at any time upon fifteen (15) business days' prior written notice from the other, execute, acknowledge and deliver to the other a recordable Memorandum or Short Form of Lease.
- (c) Limitation of Liability. Except for the indemnity obligations set forth in this Agreement, and otherwise notwithstanding anything to the contrary in this Agreement, Tenant and Landlord each waives any claims that each may have against the other with respect to consequential, incidental or special damages, however caused, based on any theory of liability.
- (d) Compliance with Law. Tenant agrees to comply with all federal, state and local laws, orders, rules and regulations ("Laws") applicable to Tenant's use of the Communication Facility on the Property. Landlord agrees to comply with all Laws relating to Landlord's ownership and use of the Property and any improvements on the Property.
- (e) Bind and Benefit. The terms and conditions contained in this Agreement will run with the Property and bind and inure to the benefit of the parties, their respective heirs, executors, administrators, successors and assigns.
- (f) Entire Agreement. This Agreement and the exhibits attached hereto, all being a part hereof, constitute the entire agreement of the parties hereto and will supersede all prior offers, negotiations and agreements with respect to the subject matter of this Agreement. Exhibits are numbered to correspond to the Section wherein they are first referenced. Except as otherwise stated in this Agreement, each party shall bear its own fees and expenses (including the fees and expenses of its agents, brokers, representatives, attorneys, and accountants) incurred in connection with the negotiation, drafting, execution and performance of this Agreement and the transactions it contemplates.
- (g) Governing Law. This Agreement will be governed by the laws of the state in which the Premises are located, without regard to conflicts of law.
- (h) Interpretation. Unless otherwise specified, the following rules of construction and interpretation apply: (i) captions are for convenience and reference only and in no way define or limit the construction of the terms and conditions hereof; (ii) use of the term "including" will be interpreted to mean "including but not limited to"; (iii) whenever a party's consent is required under this Agreement, except as otherwise stated in this Agreement or as same may be duplicative, such consent will not be unreasonably withheld, conditioned or delayed; (iv) exhibits are an integral part of this Agreement and are incorporated by reference into this Agreement; (v) use of the terms "termination" or "expiration" are interchangeable; (vi) reference to a default will take into consideration any applicable notice, grace and cure periods; (vii) to the extent there is any issue with respect to any alleged, perceived or actual ambiguity in this Agreement, the ambiguity shall not be resolved on the basis of who drafted the Agreement; (viii) the singular use of words includes the plural where appropriate and (ix) if any provision of this Agreement is held invalid, illegal or unenforceable, the remaining provisions of this Agreement shall remain in full force if the overall purpose of the Agreement is not rendered impossible and the original purpose, intent or consideration is not materially impaired.
- (i) Affiliates. All references to "Tenant" shall be deemed to include any Affiliate of New Cingular Wireless PCS, LLC using the Premises for any Permitted Use or otherwise exercising the rights of Tenant pursuant to this Agreement. "Affiliate" means with respect to a party to this Agreement, any person or entity that (directly or indirectly) controls, is controlled by, or under common control with, that party. "Control" of a person or entity means the power (directly or indirectly) to direct the management or policies of that person or entity, whether through the ownership of voting securities, by contract, by agency or otherwise.
- (j) Survival. Any provisions of this Agreement relating to indemnification shall survive the termination or expiration hereof. In addition, any terms and conditions contained in this Agreement that by their sense and context are intended to survive the termination or expiration of this Agreement shall so survive.
- (k) W-9. As a condition precedent to payment, Landlord agrees to provide Tenant with a completed IRS Form W-9, or its equivalent, upon execution of this Agreement and at such other times as may be reasonably requested by Tenant, including, any change in Landlord's name or address.
- (l) Execution/No Option. The submission of this Agreement to any party for examination or consideration does not constitute an offer, reservation of or option for the Premises based on the terms set forth

herein. This Agreement will become effective as a binding Agreement only upon the handwritten legal execution, acknowledgment and delivery hereof by Landlord and Tenant. This Agreement may be executed in two (2) or more counterparts, all of which shall be considered one and the same agreement and shall become effective when one or more counterparts have been signed by each of the parties. All parties need not sign the same counterpart.

- (m) Attorneys' Fees. In the event that any dispute between the parties related to this Agreement should result in litigation, the prevailing party in such litigation shall be entitled to recover from the other party all reasonable fees and expenses of enforcing any right of the prevailing party, including without limitation, reasonable attorneys' fees and expenses. Prevailing party means the party determined by the court to have most nearly prevailed even if such party did not prevail in all matters. This provision will not be construed to entitle any party other than Landlord, Tenant and their respective Affiliates to recover their fees and expenses.
- (n) WAIVER OF JURY TRIAL. EACH PARTY, TO THE EXTENT PERMITTED BY LAW, KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO A TRIAL BY JURY IN ANY ACTION OR PROCEEDING UNDER ANY THEORY OF LIABILITY ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS AGREEMENT OR THE TRANSACTIONS IT CONTEMPLATES.

[SIGNATURES APPEAR ON NEXT PAGE]

IN WITNESS WHEREOF, the parties have caused this Agreement to be effective as of the last date written below.

Date: 9-14-18

Date:

### LANDLORD ACKNOWLEDGMENT

COUNTY OF Fayette ) ss:

On the 141 day of Sept, 2018 before me, personally appeared Richard T. Stofer and Connie L. Tucker, who acknowledged under oath, that he/she/they is/are the person/officer named in the within instrument, and that he/she/they executed the same in his/her/their stated capacity as the voluntary act and deed of the Landlord for the purposes therein contained.

Notary Public:

My Commission Expires:

### "TENANT"

New Cingular Wireless PCS, LLC, a Delaware limited liability company By: AT&T Mobility Corporation

Its: Manager

Print Name:

Date:

### TENANT ACKNOWLEDGMENT

STATE OF ALABAMA

) ss:

On the 17 day of Detaber, 2018, before me personally appeared Jason Allday, and acknowledged under oath that he is the Area Manager – TN/KY of AT&T Mobility Corporation, the Manager of New Cingular Wireless PCS, LLC, the Tenant named in the attached instrument, and as such was authorized to execute this instrument on behalf of the Tenant.

Notary Public:

My Commission Expires: 6/29

15

#### **EXHIBIT 1**

### **DESCRIPTION OF PREMISES**

Page 1 of 2

to the Option and Lease Agreement dated \_\_\_\_\_\_\_, 2018, by and between Richard T. Stofer and Connic L. Tucker, husband and wife, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Property is legally described as follows:

#### FIRST TRACT:

BEGINNING at a stake, corner to James Hourigan land, thence S. 75 E. 60.72 poles to a stone in the road, corner to same, thence S. 1. W. 125 poles, thence S. 88  $\,^{1}$  W. 40 poles, thence N. 11 E. 34.52 poles to a stake, thence N. 63  $\,^{1}$  W. 68 poles to a stone, comer to George Moore land, thence N. 27  $\,^{1}$  E. 87 poles to the beginning, containing 54  $\,^{1}$  acres, more or less.

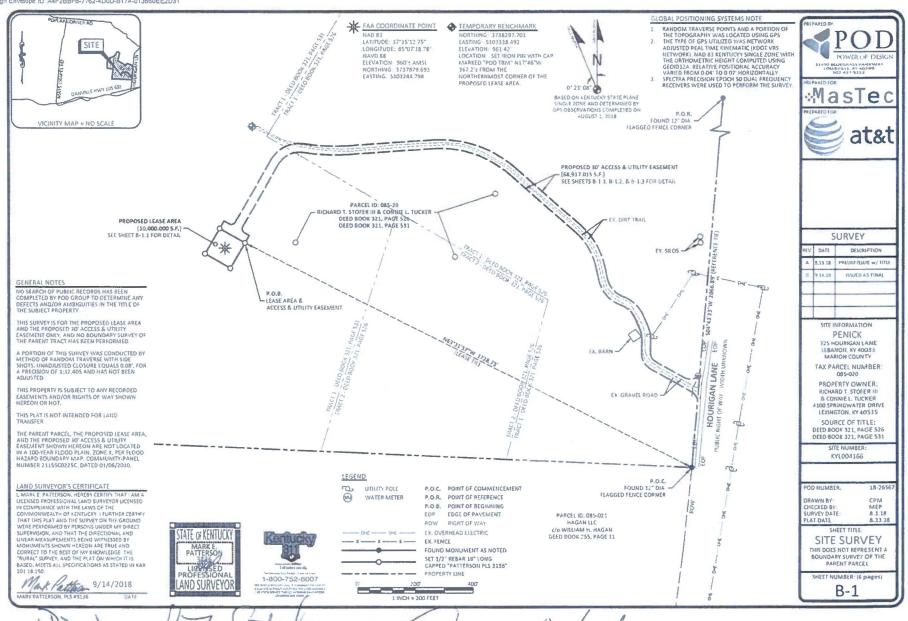
#### SECOND TRACT:

On landers Creek and beginning at a stake in the Old Springfield road and corner to Myers land, thence S. 11W. 34.72 poles to a stake, corner to same in A. Hourigan land, thence S. 89 W. 38.50 poles to a stone, corner to said Moore, thence N. 13 W. E. 53.56 poles to a stone in said old road and corner to same, thence S. 63 1/2 37.10 poles to the beginning, containing 10 acres, more or less. Said land is sold and conveyed subject to the same reservation as the passway set out In the Deed from W.W. Myers and wife to J.B. Evans of date February 7, 1882, of record in Marion County Court Clerk's Office in Deed Book 12 at page 608.

### THIRD TRACT:

BEGINNING at Withdow's corner in center of road, thence S. 60 ½ E. 64 poles, S. 75 E. 40 poles, thence S. 15 W; 13 ½ poles to a stake, corner to Q.M. Chandler's land, thence with line of same W. 8 poles to graveyard, N. 4 E. 5 poles, thence West 9 ½ poles, thence S. 4 W. 5 poles, thence W. 74 ½ poles to a stake in the road, corner to Q.M. Chandler's land, thence with line of J.T. Raney's land and center of road N. 2 E. 39 ½ poles to a stake in the center of said road, thence N. 2 E. 14 poles and 21 links to the place of beginning, containing 18 acres, more or less.

The above three tracts of land contain in all 82.50 acres, more or less, but subject to all legal highways.



Richard 7. Tuffe

onnie L. Juchen

### **EXHIBIT 11**

### **ENVIRONMENTAL DISCLOSURE**

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

1. NONE.

# EXHIBIT 12 STANDARD ACCESS LETTER [FOLLOWS ON NEXT PAGE]

### [Landlord Letterhead]

DATE

Building Staff / Security Staff Landlord, Lessee, Licensee Street Address City, State, Zip

Re: Authorized Access granted to AT&T

Dear Building and Security Staff,

Please be advised that we have signed a lease with AT&T permitting AT&T to install, operate and maintain telecommunications equipment at the property. The terms of the lease grant AT&T and its representatives, employees, agents and subcontractors ("representatives") 24 hour per day, 7 day per week access to the leased area.

To avoid impact on telephone service during the day, AT&T representatives may be seeking access to the property outside of normal business hours. AT&T representatives have been instructed to keep noise levels at a minimum during their visit.

Please grant the bearer of a copy of this letter access to the property and to leased area. Thank you for your assistance.

Landford Signature

### **EXHIBIT J NOTIFICATION LISTING**

### Penick - Notice List

STOFER RICHARD T III & CONNIE L TUCKER 4100 SPRINGWATER DRIVE LEXINGTON, KY 40515

HAGAN LLC %WM H HAGAN 601 LAKESIDE DR BARDSTOWN, KY 40004

COYLE SUZANNE 7075 DANVILLE HWY LEBANON, KY 40033

CLARK MARGUERITE 469 W MAIN ST LEBANON, KY 40033

WRIGHT MARIE 3120 POPLAR CORNER RD LEBANON, KY 40033

SERRANO DOMINGO 2540 POPLAR CORNER RD LEBANON, KY 40033

GARRETT OREN KEITH 80 HOURIGAN RD GRAVELSWITCH, KY 40328

GARRETT JASON %THERESA GARRETT 135 WREN RD GRAVEL SWITCH, KY 40328

WHITEHOUSE MARK A & MELISSA 550 HOURIGAN LN LEBANON, KY 40033

WHITEHOUSE JASON A & ASHLEY N 76 HOURIGAN LN LEBANON, KY 40033

GARDNER MARK 155 RAYWICK RD LEBANON, KY 40033 GRIBBINS JOSHUA KYLE 580 OLD LICK RD BRADFORDSVILLE, KY 40009

SANDUSKY HAROLD G & MARTHA 5125 DANVILLE HWY LEBANON, KY 40033

SANDUSKY HAROLD GLEN & MARTHA ROGERS SANDUSKY 5125 DANVILLE HWY LEBANON, KY 40033

BARLOW RYAN K 98 HOURIGAN LANE LEBANON, KY 40033

STONER ANNE PENNINGTON & STEVEN KENT 4571 OAK VISTA COURT HAMILTON OHIO, 45011

### EXHIBIT K COPY OF PROPERTY OWNER NOTIFICATION



1578 Highway 44 East, Suite 6 P.O. Box 369 Shepherdsville, KY 40165-0369 Phone (502) 955-4400 or (800) 516-4293 Fax (502) 543-4410 or (800) 541-4410

## Notice of Proposed Construction of Wireless Communications Facility Site Name: Penick

Dear Landowner:

New Cingular Wireless PCS, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 325 Hourigan Lane, Lebanon, KY 40033 (37° 35' 12.75" North latitude, 85° 07' 18.78" West longitude). The proposed facility will include a 195-foot tall antenna tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2019-00211 in any correspondence sent in connection with this matter.

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

Sincerely, David A. Pike Attorney for Applicant

enclosures

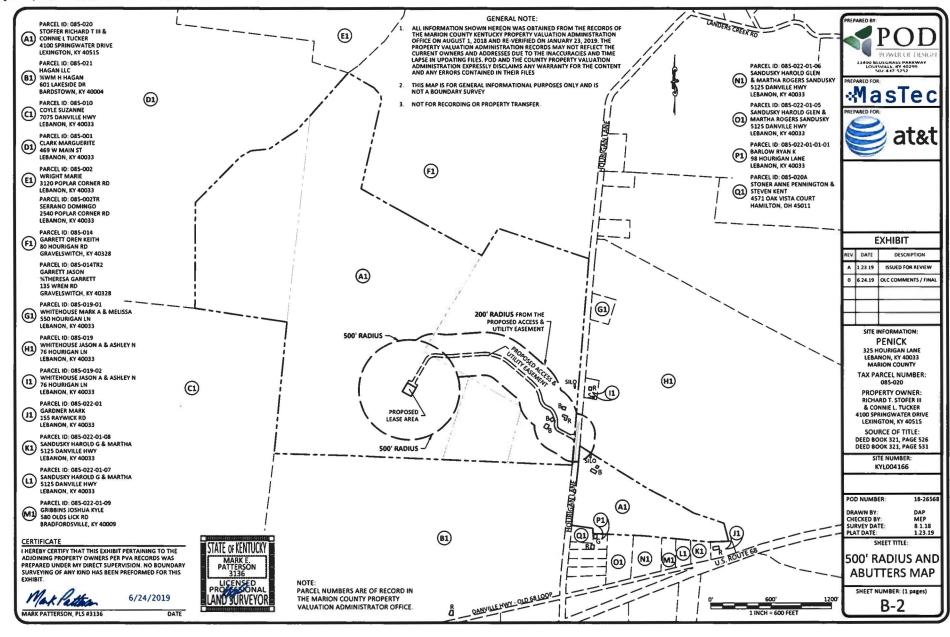
### **Driving Directions to Proposed Tower Site**

- Beginning at 223 North Spalding Avenue, Suite 201, Lebanon, KY 40033 head Southeast on North Spalding Ave toward Martin Luther King Ave for approximately 499 feet.
- 2. Turn Left at the 2<sup>nd</sup> cross street onto US-68E / E Main Street and travel approximately 7.7 miles.
- 3. Turn left onto Hourigan Lane and travel approximately 0.4 miles.
- 4. The site is located on the left at 325 Hourigan Ln, Lebanon, KY 40033.
- 5. The site coordinates are:
  - a. North 37 deg 35 min 12.75 sec
  - b. West 85 deg 07 min 18.78 sec



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 L COPY OF COUNTY JUDGE/EXECUTIVE NOTICE



1578 Highway 44 East, Suite 6 P.O. Box 369 Shepherdsville, KY 40165-0369 Phone (502) 955-4400 or (800) 516-4293 Fax (502) 543-4410 or (800) 541-4410

#### **VIA CERTIFIED MAIL**

David R. Daugherty County Judge Executive 223 North Spalding Avenue, Suite 201 Lebanon, KY 40033

RE:

Notice of Proposal to Construct Wireless Communications Facility

Kentucky Public Service Commission Docket No. 2019-00211

Site Name: Penick

Dear Judge/Executive:

New Cingular Wireless PCS, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 325 Hourigan Lane, Lebanon, KY 40033 (37° 35' 12.75" North latitude, 85° 07' 18.78" West longitude). The proposed facility will include a 195-foot tall antenna tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2019-00211 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. AT&T Mobility's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us with any comments or questions you may have.

Sincerely, David A. Pike Attorney for Applicant

enclosures

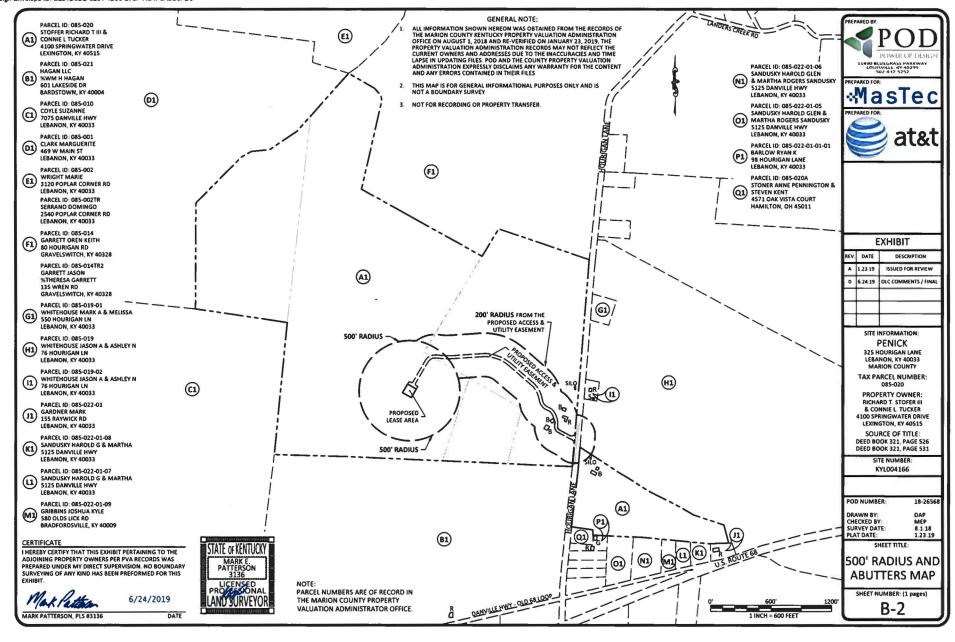
### **Driving Directions to Proposed Tower Site**

- Beginning at 223 North Spalding Avenue, Suite 201, Lebanon, KY 40033 head Southeast on North Spalding Ave toward Martin Luther King Ave for approximately 499 feet.
- 2. Turn Left at the 2<sup>nd</sup> cross street onto US-68E / E Main Street and travel approximately 7.7 miles.
- 3. Turn left onto Hourigan Lane and travel approximately 0.4 miles.
- 4. The site is located on the left at 325 Hourigan Ln, Lebanon, KY 40033.
- 5. The site coordinates are:
  - a. North 37 deg 35 min 12.75 sec
  - b. West 85 deg 07 min 18.78 sec



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 M COPY OF POSTED NOTICES AND NEWSPAPER NOTICE ADVERTISEMENT

### SITE NAME: PENICK 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.

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility proposes 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; telephone: (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2019-00211 in your correspondence.

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility proposes 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; telephone: (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2019-00211 in your correspondence.



1578 Highway 44 East, Suite 6 P.O. Box 369 Shepherdsville, KY 40165-0369 Phone (502) 955-4400 or (800) 516-4293 Fax (502) 543-4410 or (800) 541-4410

**VIA TELEPHONE: 270-692-6026** 

The Lebanon Enterprise
Attn: Legal Notice Ad
119 South Proctor Knott Avenue
Lebanon, KY 40033

RE:

Legal Notice Advertisement

Site Name: Penick

Dear Lebanon Enterprise:

Please publish the following legal notice advertisement in the next edition of *The Lebanon Enterprise*:

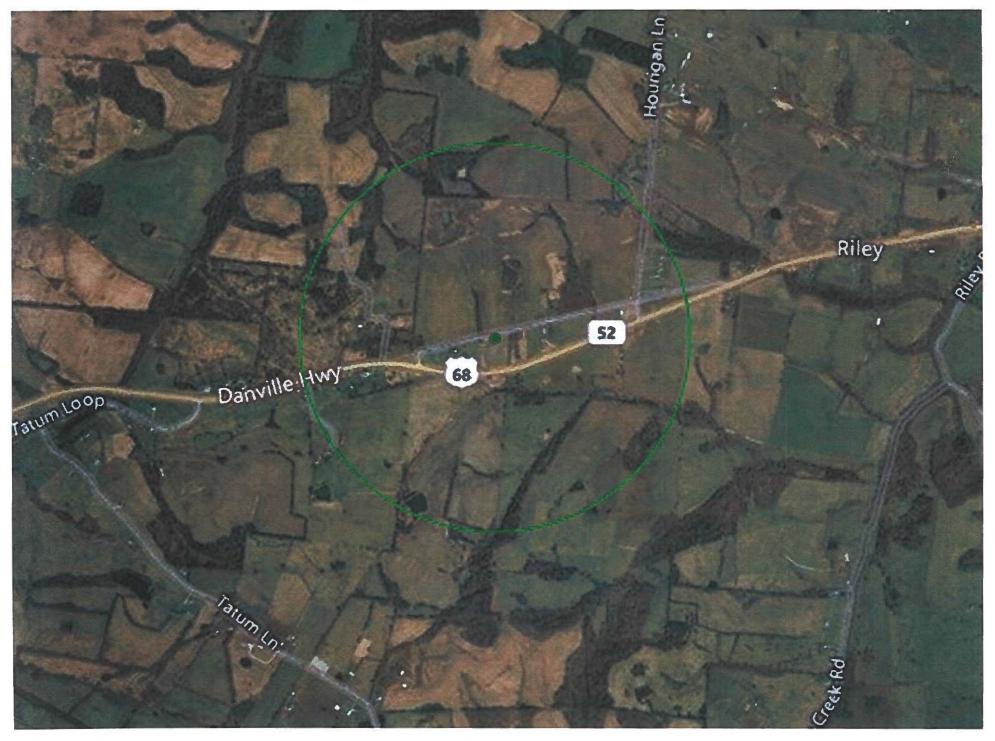
### NOTICE

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a parcel having an address of 325 Hourigan Lane, Lebanon, KY 40033 (37° 35' 12.75" North latitude, 85° 07' 18.78" West longitude). You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2019-00211 in any correspondence sent in connection with this matter.

After this advertisement has been published, please forward a tearsheet copy, affidavit of publication, and invoice to Pike Legal Group, PLLC, P. O. Box 369, Shepherdsville, KY 40165. Please call me at (800) 516-4293 if you have any questions. Thank you for your assistance.

Sincerely, Chris Shouse Pike Legal Group, PLLC

### EXHIBIT N COPY OF RADIO FREQUENCY DESIGN SEARCH AREA



Lat: 37.579838 Lon: -85.1234

**Penick Search Area**