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PUBLIC SERVICE  
COMMISSION

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

In the matter of:

THE APPLICATION OF EAST KENTUCKY NETWORK )  
LIMITED LIABILITY COMPANY FOR THE ISSUANCE )  
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND ) CASE NO. 2016-00259  
NECESSITY TO CONSTRUCT A TOWER IN BREATHITT )  
COUNTY, KENTUCKY )

East Kentucky Network, LLC d/b/a Appalachian Wireless was granted authorization to provide cellular service in the KY-10 Cellular Market Area (CMA452) by the Federal Communications Commission (FCC). FCC license is included as Exhibit 1. East Kentucky Network, LLC merger documents were filed with the Commission on February 2, 2001 in Case No. 2001-022. East Kentucky Network, LLC is a Kentucky Limited Liability Company that was organized on June 16, 1998. East Kentucky Network, LLC is in good standing with the state of Kentucky.

In an effort to improve service in Breathitt County, pursuant to KRS 278.020 Subsection 1 and 807 KAR 5:001, East Kentucky Network, LLC is seeking the Commission's approval to construct a 300 foot self-supporting telecommunications tower on a tract of land located at 12119 Hwy. 28, Gays Creek, Breathitt County, Kentucky (37°20'46.2872"N 83°24'28.6686"W). A map and detailed directions to the site can be found in Exhibit 7.

Exhibit 2 is a list of all property owners or residents according to the Property Valuation Administrator's record who reside or own property within 500 feet of the proposed tower and all property owners who own property contiguous to the property upon which construction is proposed in accordance with the records of the Property Valuation Administrator's records.

Pursuant to 807 KAR 5:063 Section 1(1)(l), Section 1(1)(m), and Section 2, all affected property owners according to the Property Valuation Administrator's record who reside or own

property within 500 feet of the proposed Tower or who own property contiguous to the property upon which construction is proposed were notified by certified mail return receipt requested of East Kentucky Network, LLC's proposed construction and informed of their right to intervene. They were given the docket number under which this application is filed. Enclosed in Exhibit 2 is a copy of that notification.

Breathitt County has no formal local planning unit. In absence of this unit, the Breathitt County Judge Executive's Office was notified by certified mail, return receipt requested of East Kentucky Network, LLC's proposal and informed of its right to intervene. The Breathitt County Judge Executive's Office was also given the docket number under which this application is filed. Enclosed in Exhibit 3 is a copy of that notification.

Notice of the location of the proposed construction was published in The Jackson Times, July 21, 2016, edition. Enclosed in Exhibit 3 is a copy of that notice. The Jackson Times is the newspaper with the largest circulation in Breathitt County.

A geologist was employed to determine soil and rock types and to ascertain the distance to solid bedrock. The geotechnical report is enclosed as Exhibit 4.

A copy of the tower design information is enclosed as Exhibit 5. The proposed tower has been designed by engineers at World Tower Company, Inc. and will be constructed under their supervision. Their qualifications are evidenced in Exhibit 5 by the seal and signature of the registered professional engineer responsible for this project.

The tower will be erected by S & S Tower Services of St. Albans, West Virginia. S & S Tower Services has vast experience in the erection of communications towers.

FAA and Kentucky Airport Zoning Commission approvals are included as Exhibit 6.

No Federal Communications Commission approval is required prior to construction of this facility. Once service is established from this tower, we must immediately notify the Federal

Communications Commission of its operation. Prior approval is needed only if the proposed facility increases the size of the cellular geographic service area. This cell site will not expand the cellular geographic service area.

East Kentucky Network, LLC will finance the subject Construction with earned surplus in its General Fund.

Estimated Cost of Construction	\$ 350,000.00
Annual Operation Expense of Tower	\$ 12,500.00

Two notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2), measuring at least two (2) feet in height and four (4) feet in width and containing all required language in letters of required height, have been posted, one at a visible location on the proposed site and one on the nearest public road. The two signs were posted on July 18, 2016, and will remain posted for at least two weeks after filing of this application as specified.

Enclosed in Exhibit 8 is a copy of East Kentucky Network, LLC's Memorandum of Lease for the site location along with a lot description.

The proposed construction site is on a flat parcel of land near the Lessors' home off of Highway 28. Prior to the planned construction, the property was used for private/ noncommercial gardening.

East Kentucky Network, LLC's operation will not affect the use of nearby land nor its value. No more suitable site exists in the area. A copy of the search area map is enclosed in Exhibit 7. Though another tower exists in the general area, such existing tower is not capable of supporting East Kentucky Network, LLC's load and future needs; therefore, there is no opportunity for continued co-location with anyone else.

Enclosed, and filed as Exhibit 9 is a survey of the proposed tower site signed by a Kentucky registered professional engineer.

Exhibit 11 contains a vertical sketch of the tower supplied by James W. Caudill, Kentucky registered professional engineer.

**WHEREFORE**, Applicant, having met the requirements of KRS 278.020(1), 278.650, 278.665 and all applicable rules and regulations of the PSC, respectfully requests that the PSC accept the foregoing Application for filing and grant a Certificate of Public Convenience and Necessity to construct and operate the proposed tower.

The foregoing document was prepared by Cindy D. McCarty, Staff Attorney for East Kentucky Network, LLC d/b/a Appalachian Wireless. All related questions or correspondence concerning this filing should be mailed to East Kentucky Network, LLC d/b/a/ Appalachian Wireless, Attn: Regulatory Compliance Department, 101 Technology Trail, Ivel, KY 41642.

SUBMITTED BY: Lynn Haney DATE: 7/19/16  
Lynn Haney, Regulatory Compliance Director

APPROVED BY: W.A. Gillum DATE: 7/19/16  
W.A. Gillum, General Manager

ATTORNEY: Cindy D. McCarty DATE: 7/19/16  
Hon. Cindy D. McCarty, Attorney

**CONTACT INFORMATION:**

**W.A. Gillum, General Manager**  
**Phone: (606) 477-2355, Ext. 111**  
**Email: wagillum@ekn.com**

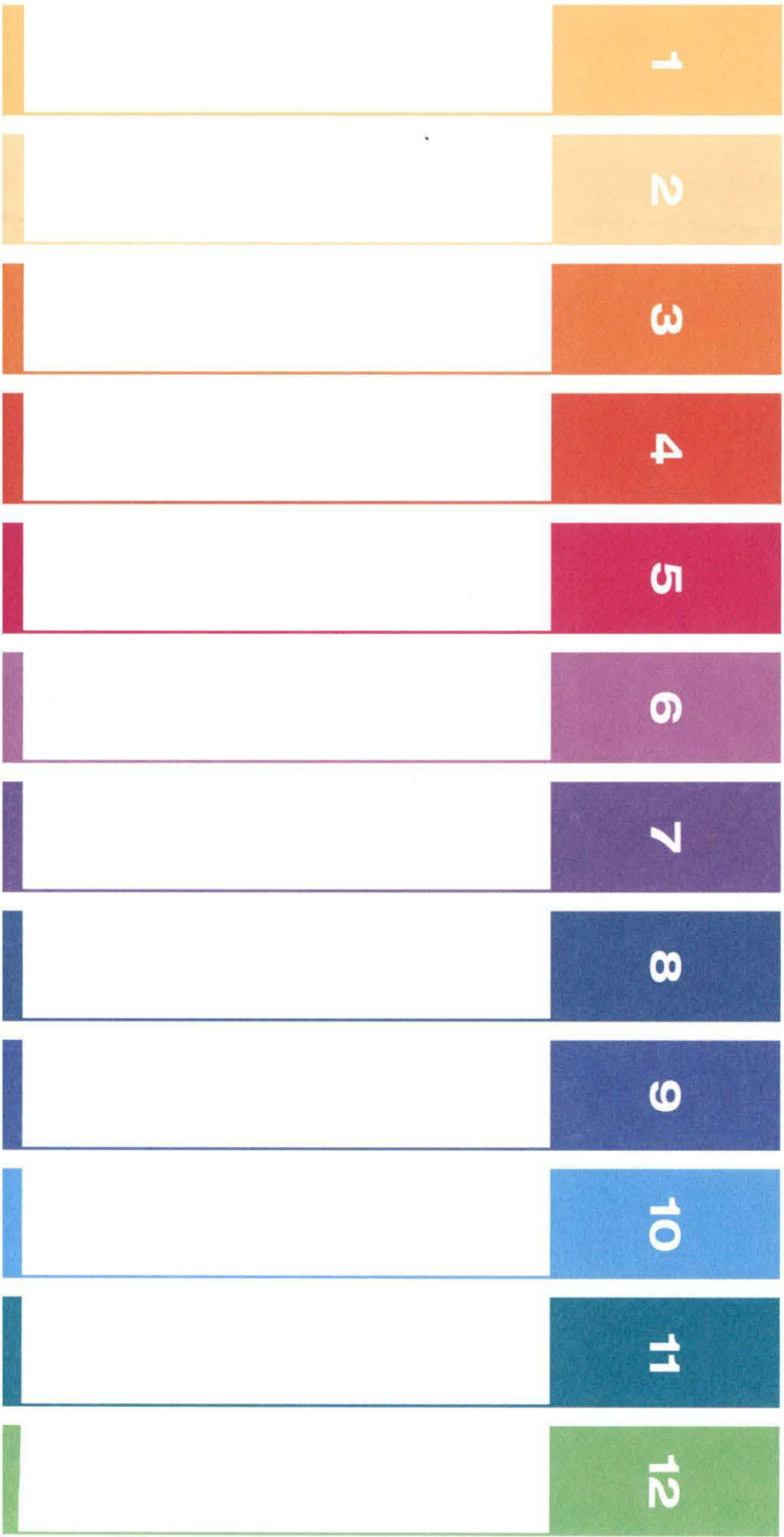
**Lynn Haney, Regulatory Compliance Director**  
**Phone: (606) 477-2355, Ext. 1007**  
**Email: lhaney@ekn.com**

**Cindy D. McCarty, Attorney**  
**Phone: (606) 477-2355, Ext. 1006**  
**Email: cmccarty@ekn.com**

**Mailing Address:**

**East Kentucky Network, LLC  
d/b/a Appalachian Wireless  
Attn.: Regulatory Compliance Department  
101 Technology Trail  
Ivel, KY 41642**

1	FCC License
2	Copies of Cell Site Notices to Land Owners
3	Notification of County Judge Executive and Newspaper Advertisement
4	Universal Soil Bearing Analysis
5	Tower Design
6	FAA and KAZC Approvals
7	Driving Directions from County Court House and Map to Suitable Scale
8	Memorandum of Lease for Proposed Site with Legal Description
9	Survey of Site Signed/Sealed by Professional Engineer Registered in State of Kentucky
10	Site Survey Map with Property Owners Identified in Accordance with PVA of County
11	Vertical Profile Sketch of Proposed Tower
12	



ULS License

**Cellular License - KNKN809 - East Kentucky Network, LLC d/b/a Appalachian Wireless**

Call Sign	KNKN809	Radio Service	CL - Cellular
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	CMA452 - Kentucky 10 - Powell	Channel Block	B
Submarket	0	Phase	2
<b>Dates</b>			
Grant	08/30/2011	Expiration	10/01/2021
Effective	08/30/2011	Cancellation	

**Five Year Buildout Date**

10/17/1996

**Control Points**

**1** US Route 23, FLOYD, Harold, KY  
P: (606)478-2355

**Licensee**

FRN	0001786607	Type	Limited Liability Company
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**Licensee**

East Kentucky Network, LLC d/b/a Appalachian Wireless 101 Technology Trail Ivel, KY 41642 ATTN Gerald Robinette, Manager	P:(606)477-2355 F:(606)874-7551
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**Contact**

Lukas, Nace, Gutierrez & Sachs, LLP Pamela L Gist Esq 8300 Greensboro Drive McLean, VA 22102	P:(703)584-8665 F:(703)584-8695 E:pgist@fccclaw.com
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**Ownership and Qualifications**

Radio Service	Mobile
Type	
Regulatory Status	Common Carrier Interconnected Yes

**Alien Ownership**

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

**Basic Qualifications**

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

**EXHIBIT II: LIST OF PROPERTY OWNERS:**

**Statement Pursuant to Section 1 (1) (I) 807 KAR 5:063**

**Section 1 (1)(I) 1.** The following is a list of every property owner who according to property valuation administrator's records, owns property within 500 feet of the proposed tower and each have been: notified by certified mail, return receipt requested, of the proposed construction,

**Section 1 (1)(I) 2.** Every person listed below who, according to the property valuation administrator's records, owns property within 500 feet of the proposed tower has been: Given the Commission docket number under which the application will be processed: and

**Section 1 (1)(I) 3.** Every person listed below who, according to property valuation administrator's records owns property within 500 feet of the proposed tower has been: Informed of his right to request intervention.

**Section 2.** If the construction is proposed for an area outside the incorporated boundaries of a city, the application shall state that public notices required by Section 1(1)(L) have been sent to every person who, according to the property valuation administrator, owns property contiguous to the property upon which the construction is proposed

LIST OF PROPERTY OWNERS

Mt. Tower Rental LLC  
102 N Englee St  
Combs, KY 41729

Michelle Roberson  
12183 KY Hwy 28  
Gays Creek, KY 41745

Sam Crank Estate  
c/o Leon Crank  
111 Gays Creek Lane  
Gays Creek, KY 41745

Connie Neace  
380 Glen Arvin Ave.  
Lexington, KY 40508

Dwane Russelburg  
142 Omega Lane  
Gays Creek, Ky 41745

Pine Branch Coal Sales, Inc.  
PO Box 246  
Chavies, KY 41727

Ray and Patricia Spicer  
PO Box 5  
Chavies, KY 41727

Ray and Patricia Spicer  
12235 KY Hwy 28  
Gays Creek, KY 41745

Keith Neace  
PO Box 486  
Isom, KY 41824

Walter and Ella Jane Crank  
12010 KY Hwy 28  
Gays Creek, KY 41745

Anna Abbott  
12044 KY Hwy 28  
Gays Creek, KY 41745

Malta Cole  
HC 36 Box 230  
Gays Creek, KY 41745

Hargis and Mary Cole  
Box 230  
Gays Creek, KY 41745



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Mt. Tower Rental LLC  
102 N Englee St  
Combs, KY 41729

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00259)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular telecommunications service in Breathitt County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land at 12119 Hwy 28, Gays Creek, Breathitt County, KY. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you may own property within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, P.O. Box 615, Frankfort, KY 40602. Please refer to Case No. 2016-00259 in your correspondence.

If you have any questions for East Kentucky Network, LLC, please direct them to my attention at the following address: East Kentucky Network, LLC, 101 Technology Trail, Ivel, KY 41642 or call me at 606-477-2355, Ext. 1007.

Sincerely,

Lynn Haney  
Regulatory Compliance Director  
Enclosure 1

EAST KENTUCKY NETWORK  
101 TECHNOLOGY TRAIL  
IVEL, KY 41642  
PHONE: (606) 874-7550  
(606) 874-7551

EAST KENTUCKY  
NETWORK



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Michelle Roberson  
12183 KY Hwy 28  
Gays Creek, KY 41745

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VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Sam Crank Estate  
c/o Leon Crank  
111 Gays Creek Lane  
Gays Creek, KY 41745

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EAST KENTUCKY  
NETWORK



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Connie Neace  
380 Glen Arvin Ave.  
Lexington, KY 40508

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VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Dwane Russelburg  
142 Omega Ln  
Gays Creek, KY 41745

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EAST KENTUCKY  
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VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

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PO Box 246  
Chavies, KY 41727

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Regulatory Compliance Director  
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Ray and Patricia Spicer  
PO Box 5  
Chavies, KY 41727

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00259)

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EAST KENTUCKY  
NETWORK



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Ray and Patricia Spicer  
12235 KY Hwy 28  
Gays Creek, KY 41745

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(606) 874-7551



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Keith Neace  
PO Box 486  
Isom, KY 41824

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EAST KENTUCKY  
NETWORK



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Walter and Ella Jane Crank  
12010 KY Hwy 28  
Gays Creek, KY 41745

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(06) 874-7551

EAST KENTUCKY  
NETWORK



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Anna Abbott  
12044 KY Hwy 28  
Gays Creek, KY 41745

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Regulatory Compliance Director  
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PUBLIC NOTICE

July 20, 2016

Malta Cole  
HC 36 Box 230  
Gays Creek, KY 41745

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00259)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular telecommunications service in Breathitt County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land at 12119 Hwy 28, Gays Creek, Breathitt County, KY. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you may own property within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, P.O. Box 615, Frankfort, KY 40602. Please refer to Case No. 2016-00259 in your correspondence.

If you have any questions for East Kentucky Network, LLC, please direct them to my attention at the following address: East Kentucky Network, LLC, 101 Technology Trail, Ivel, KY 41642 or call me at 606-477-2355, Ext. 1007.

Sincerely,

Lynn Haney  
Regulatory Compliance Director  
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

July 20, 2016

Hargis and Mary Cole  
Box 230  
Gays Creek, KY 41745

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00259)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular telecommunications service in Breathitt County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land at 12119 Hwy 28, Gays Creek, Breathitt County, KY. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you may own property within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

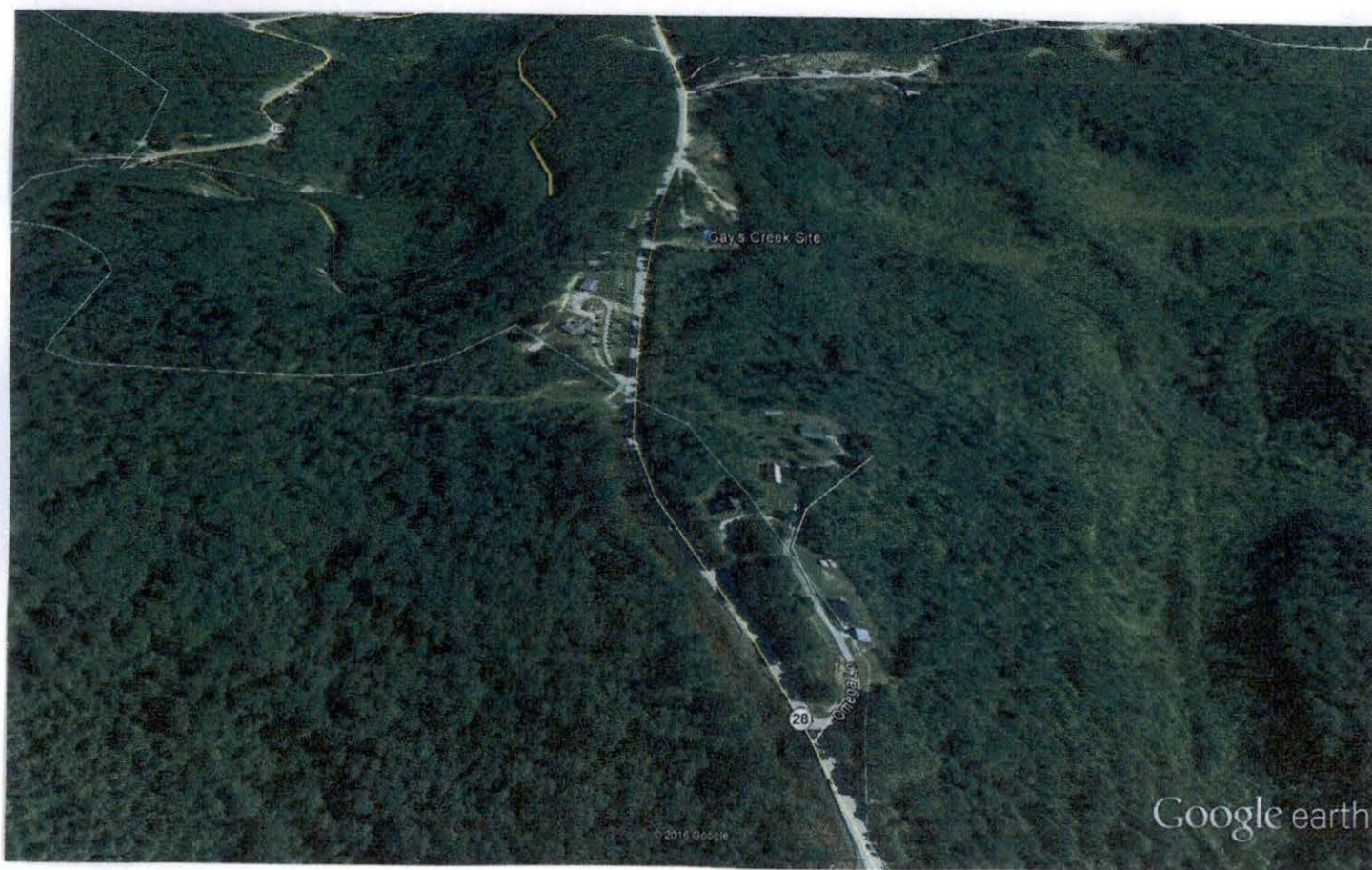
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Sincerely,

Lynn Haney  
Regulatory Compliance Director  
Enclosure 1

# Appalachian Wireless Location Map



Site Name

Gay's Creek Site

Location

12119 HWY. 28 Gay's Creek, KY.

GPS Location

N 37 20 46.2872  
W 83 24 28.6686

dba Appalachian Wireless  
101 Technology Trail  
Ivel, KY 41642  
Phone: 606-477-2355  
Fax: 606-791-2225

## EAST KENTUCKY NETWORK



<b>To:</b>	The Jackson Times	<b>From:</b>	Raina Helton
	Attn: Classifieds		Regulatory Compliance Assistant
<b>Email:</b>	advertising@jacksontimesky.com	<b>Date:</b>	July 18, 2016
<b>Re:</b>	PUBLIC NOTICE ADVERTISEMENT	<b>Pages:</b>	1

**Please place the following Public Notice Advertisement in The Jackson Times to be ran on July 21, 2016.**

**PUBLIC NOTICE:**

RE: Public Service Commission of Kentucky (CASE NO. 2016-00259)

Public Notice is hereby given that East Kentucky Network, LLC, dba Appalachian Wireless has applied to the Kentucky Public Service Commission to construct a cellular telecommunications tower on a tract of land located at 12119 Hwy 28, Gays Creek, Breathitt County, Kentucky. The proposed tower will be a 300 foot self-supporting tower with attached antennas. If you would like to respond to this notice, please contact the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to Case No. 2016-00259.

If you have any questions about the placement of the above mentioned notice, please call me at 606-477-2375, ext. 1005.

Thank you,

Raina Helton  
Regulatory Compliance Assistant

The message above and the information contained in the documents transmitted are confidential and intended only for the person(s) named above. Dissemination, distribution or copying of this communication by anyone other than the person(s) named above is prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the address listed above via regular mail. Thank you.

EAST KENTUCKY NETWORK  
101 TECHNOLOGY TRAIL  
IVEL, KY 41642  
PHONE: (606) 874-7550  
(606) 874-7551

EAST KENTUCKY  
NETWORK



VIA: U.S. CERTIFIED MAIL

July 20, 2016

Harvey Jason Richardson, Judge Executive  
1137 Main Street  
Jackson, KY 41339

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00259)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular telecommunications service in Breathitt County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land located at 12119 Hwy 28, Gays Creek, Breathitt County, Kentucky. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you are the County Judge Executive of Breathitt County.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, P.O. Box 615, Frankfort, KY 40602. Please refer to Case No. 2016-00259 in your correspondence.

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Sincerely,

Lynn Haney  
Regulatory Compliance Director  
Enclosure

# Appalachian Wireless Location Map



Site Name

Gay's Creek Site

Location

12119 HWY. 28 Gay's Creek, KY.

GPS Location

N 37 20 46.2872

W 83 24 28.6686

**WENDELL R. HOLMES, P.G.**

424 Pear Street  
Hazard, KY 41701  
February 22, 2016

**Gays Creek Tower Site**

**Purpose:**

A site assessment was conducted for Appalachian Wireless on a tract of land located in Breathitt County near Gays Creek, Kentucky. The site of the proposed tower is now forestland. The purpose of this investigation was to determine the depth to bedrock and of what type of rock the bedrock consists.

**Site Investigation:**

The trenching method was used to determine the type of bedrock material at the proposed tower site. Hand tools were used to determine the bedrock material. It is approximately 2.5 feet to the Sandstone bedrock. (See attached page for descriptions of materials encountered.)

The terrain in Breathitt County is moderately to slightly steep. The tower site is located on a ridge approximately four tenths of a mile northeast of Gays Creek, Kentucky in Breathitt County just east of Hwy 28. The Sandstone formation below the tower site is approximately 10.00 feet thick based on the information obtained from the site investigation and geological maps of the area.

**Conclusions:**

The proposed tower site is located on a ridge in the area. The Sandstone bedrock on the proposed tower site is part of the Breathitt Formation, and is middle Pennsylvanian in age. Tests were not conducted to determine the load-bearing strength of the bedrock. However, it is apparent that the tower will be constructed on the Sandstone bedrock formation.

The field work for this site was performed by Wendell R. Holmes, using generally accepted methods in the practice of geological science.

Wendell R. Holmes, P.G.



**WENDELL R. HOLMES, P.G.**

**424 Pear Street  
Hazard, Ky. 41701  
(606)438-7250**

**Geologist Log**

**Location: Gays Creek Tower Site**

<b>Unit Thickness</b>	<b>Total depth</b>	<b>Strata</b>	<b>Description</b>
2.50'	2.50'	Soil	Yellow, Brown with plant fragments
10.00' +	12.50' +	Sandstone	Weathered, Brown, Gray and Hard



World Tower  
COMPANY, INC.

---

1213 Compressor Drive  
P.O. Box 508  
Mayfield, KY 42066  
270-247-3642  
FAX: 270-247-0909  
E-mail: [worldtower@worldtower.com](mailto:worldtower@worldtower.com)  
Web: [www.worldtower.com](http://www.worldtower.com)

---

300' MODEL WSST TOWER  
FOR: APPALACHIAN WIRELESS  
SITE: GAYS CREEK  
BREATHITT COUNTY, KY  
DESIGN PACKAGE



6-24-2016

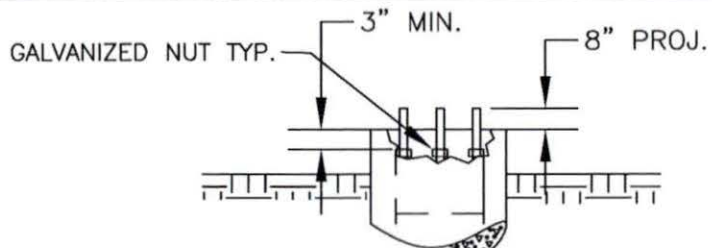
## GENERAL NOTES

1. WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISION OF THE AMERICAN WELDING SOCIETY AWS. D 1.1.
2. TOWER AND ALL FABRICATED ACCESSORIES ARE HOT-DIP GALVANIZED.
3. ALL BOLTS SHALL BE GALVANIZED ACCORDING TO THE STANDARD SPECIFICATION FOR ZINC COATING OF IRON AND STEEL HARDWARE ASTM A153.
4. LEG STEEL IS 50 KSI MIN YIELD SOLID ROUND OR PIPE AND BRACING STEEL IS 36 KSI MIN YIELD SOLID ROUND OR STRUCTURAL ANGLE.
5. ALL STRUCTURAL BOLTS ARE ASTM A325.
6. TOWER SHOULD BE INSPECTED IN ACCORDANCE WITH TIA-222-G EVERY 5 YEARS.
7. TOWER INSPECTION SHOULD ONLY BE PERFORMED BY EXPERIENCED QUALIFIED PERSONNEL. FOR ASSISTANCE IN PROPER MAINTENANCE OF YOUR TOWER, CALL WORLD TOWER AT 270-247-3642.



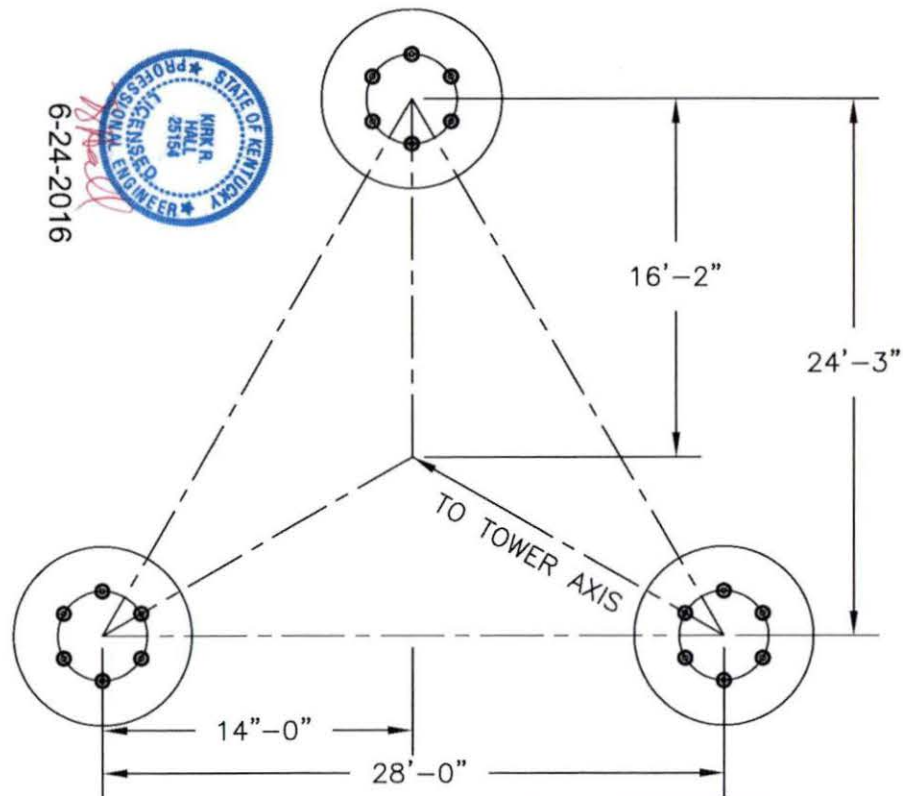
### WORLD TOWER

TITLE:			
300' MODEL WSST TOWER FOR: APPALACHIAN WIRELESS SITE: GAYS CREEK BREATHITT COUNTY, KY			
SCALE	DWN.	LKG	CKD.
FILE	DATE 6-24-16		
DWG. NO.		Q16170N	

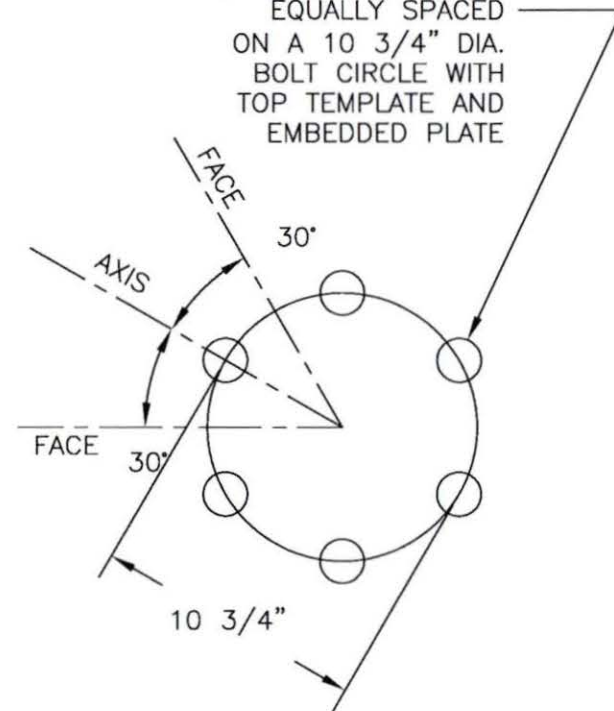


PIER ELEVATION

6-24-2016



ANCHOR BOLTS  
(6) 1 1/2"  $\phi$  X 72"  
(ASTM A354 GR. BC)  
EQUALLY SPACED  
ON A 10 3/4" DIA.  
BOLT CIRCLE WITH  
TOP TEMPLATE AND  
EMBEDDED PLATE

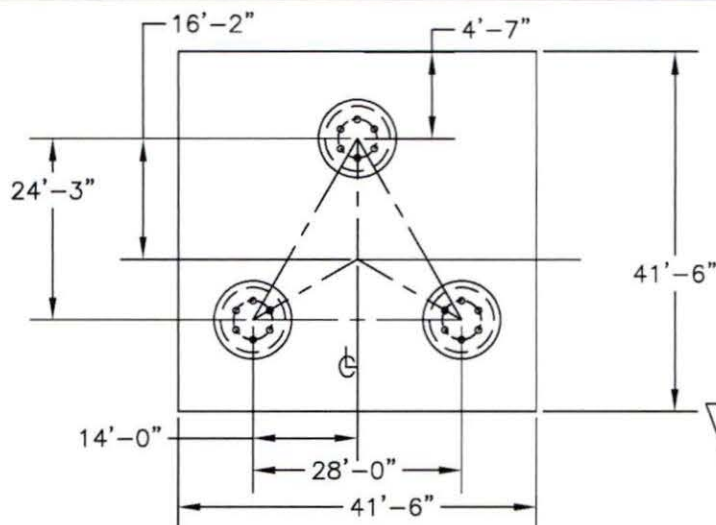


TITLE:

300' MODEL WSST TOWER  
FOR: APPALACHIAN WIRELESS  
SITE: GAYS CREEK  
BREATHITT COUNTY, KY

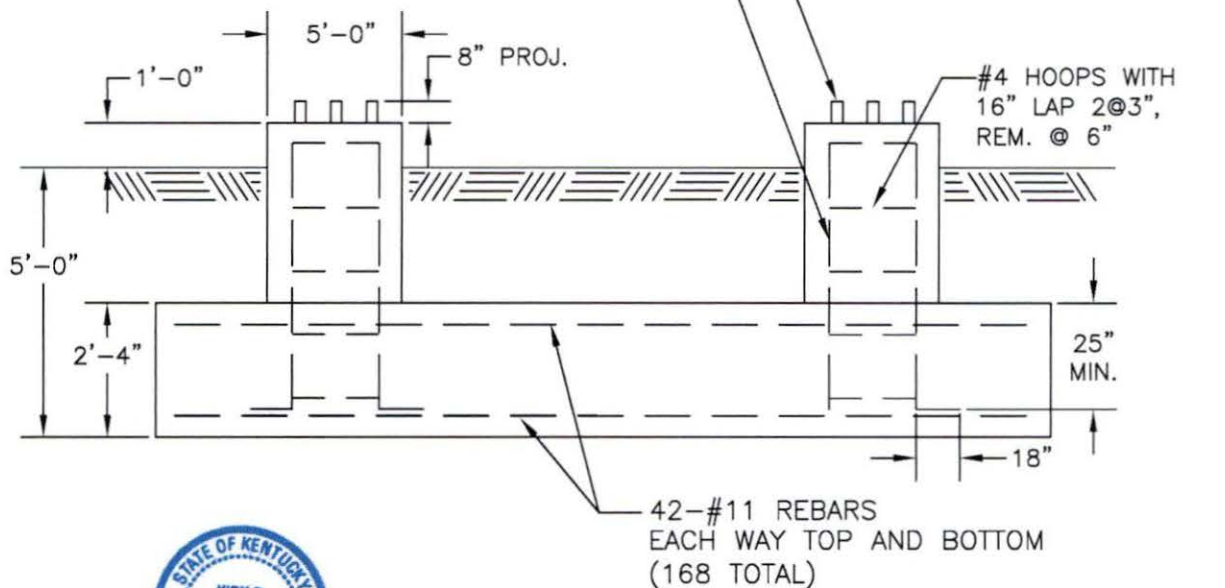
**WORLD TOWER**

SCALE	NONE	DWN.	LKG	CKD.	DATE 6-24-16
FILE					DWG. NO. Q16170AB



156.8 CU. YDS.  
CONCRETE REQ'D.

BASE REACTIONS	
OTM:	16290.0 FT. KIPS
COMP.	707.0 KIPS
UPLIFT	601.0 KIPS
SHEAR (3 LEGS)	119.0 KIPS
WT. NO ICE	107.0 KIPS
WT. 3/4" ICE	364.0 KIPS



6-24-2016

### GENERAL NOTES

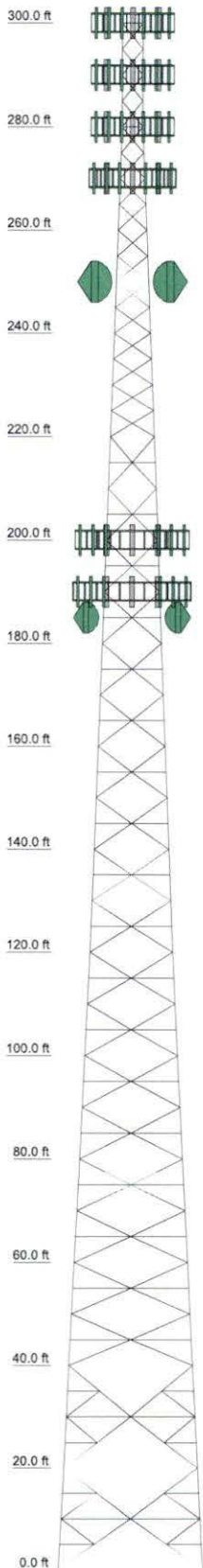
1. CONCRETE TO HAVE 4000 PSI MIN. COMPRESSIVE STRENGTH AFTER 28 DAYS.
2. ALL REINFORCEMENT STEEL IS DEFORMED AND MEETS THE STRENGTH REQUIREMENTS OF ASTM A615 GRADE 60.
3. EMBEDDED STEEL TO HAVE 3" MIN. CONCRETE COVER.
4. FOUNDATION DESIGN IS BASED ON CUSTOMER SUPPLIED SOIL DATA FROM WENDELL HOLMES. DATED FEBRUARY 22, 2016.

TITLE: FOUNDATION DETAIL  
300' WSST TOWER  
FOR: APPALACHIAN WIRELESS  
SITE: GAYS CREEK  
BREATHITT COUNTY, KY

## WORLD TOWER

SCALE	NONE	DWN.	LKG	CKD.	DATE	6-24-16
FILE					DWG. NO.	Q16170F

Section	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	Weight (K)
Legs	SR 2		SR 2 3/4		SR 3	SR 3 1/4	SR 3 1/2	SR 3 3/4	SR 4	SR 4 1/4	SR 4 1/2	SR 4 3/4	SR 5			63.5
Diagonals	L1 3/4x1 3/4x1/8		L1 3/4x1 3/4x3/16	L2x2x3/16	L3x3x3/16	L3x3x1/4	L3 1/2x3 1/2x1/4	L3 1/2x3 1/2x1/4	L4x4x5/16	L4x4x3/8	L4x4x1/4	L4x4x1/4	L4x4x5/16	L4x4x3/8	L4x4x3/8	28
Diagonal Grade																
Top Girts																
Horizontals																
Red. Horizontals																
Red. Diagonals																
Inner Bracing																
Face Width (ft)																
# Panels @ (ft)																



## DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Beacon Lighting	300	(2) WPA800102/4CF w/ mt pipe	270
(2) WPA800102/4CF w/ mt pipe	300	BXA-70063-6CF w/ mt pipe	270
(2) WPA800102/4CF w/ mt pipe	300	BXA-70063-6CF w/ mt pipe	270
(2) WPA800102/4CF w/ mt pipe	300	BXA-70063-6CF w/ mt pipe	270
BXA-70063-6CF w/ mt pipe	300	WD13X53 Antenna Mounting Frame	270
BXA-70063-6CF w/ mt pipe	300	WD13X53 Antenna Mounting Frame	270
BXA-70063-6CF w/ mt pipe	300	WD13X53 Antenna Mounting Frame	270
WD13X53 Antenna Mounting Frame	300	(3) RRU-11	269.5
WD13X53 Antenna Mounting Frame	300	8 FT DISH	250
WD13X53 Antenna Mounting Frame	300	8 FT DISH	250
(3) RRU-11	299.5	(2) WPA800102/4CF w/ mt pipe	200
(2) WPA800102/4CF w/ mt pipe	290	BXA-70063-6CF w/ mt pipe	200
(2) WPA800102/4CF w/ mt pipe	290	BXA-70063-6CF w/ mt pipe	200
(2) WPA800102/4CF w/ mt pipe	290	BXA-70063-6CF w/ mt pipe	200
BXA-70063-6CF w/ mt pipe	290	WD13X53 Antenna Mounting Frame	200
BXA-70063-6CF w/ mt pipe	290	WD13X53 Antenna Mounting Frame	200
WD13X53 Antenna Mounting Frame	290	WD13X53 Antenna Mounting Frame	200
WD13X53 Antenna Mounting Frame	290	(2) WPA800102/4CF w/ mt pipe	200
WD13X53 Antenna Mounting Frame	290	(2) WPA800102/4CF w/ mt pipe	200
(3) RRU-11	289.5	(2) WPA800102/4CF w/ mt pipe	190
(2) WPA800102/4CF w/ mt pipe	280	BXA-70063-6CF w/ mt pipe	190
(2) WPA800102/4CF w/ mt pipe	280	BXA-70063-6CF w/ mt pipe	190
(2) WPA800102/4CF w/ mt pipe	280	BXA-70063-6CF w/ mt pipe	190
BXA-70063-6CF w/ mt pipe	280	WD13X53 Antenna Mounting Frame	190
BXA-70063-6CF w/ mt pipe	280	WD13X53 Antenna Mounting Frame	190
BXA-70063-6CF w/ mt pipe	280	WD13X53 Antenna Mounting Frame	190
WD13X53 Antenna Mounting Frame	280	(2) WPA800102/4CF w/ mt pipe	190
WD13X53 Antenna Mounting Frame	280	(2) WPA800102/4CF w/ mt pipe	190
WD13X53 Antenna Mounting Frame	280	(3) RRU-11	189.5
(3) RRU-11	279.5	6 FT DISH	185
(2) WPA800102/4CF w/ mt pipe	270	6 FT DISH	185
(2) WPA800102/4CF w/ mt pipe	270		

## MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

## TOWER DESIGN NOTES

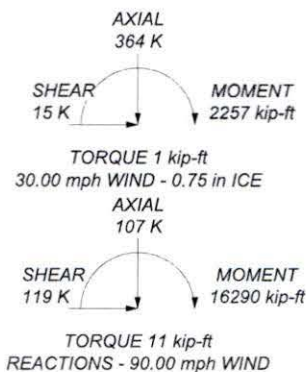
- Tower is located in Breathitt County, Kentucky.
- Tower designed for Exposure C to the TIA-222-G Standard.
- Tower designed for a 90.00 mph basic wind in accordance with the TIA-222-G Standard.
- Tower is also designed for a 30.00 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
- Deflections are based upon a 60.00 mph wind.
- Tower Structure Class II.
- Topographic Category 3 with Crest Height of 200.00 ft
- TOWER RATING: 98.2%

ALL REACTION  
ARE FACTOR

MAX. CORNER REACTIONS AT BASE:

DOWN: 707 K  
SHEAR: 72 K

UPLIFT: -601 K  
SHEAR: 62 K



6-24-2016

World Tower Company

1213 Compressor Drive

Mayfield, KY 42066

Phone: (270) 247-3642

FAX: www.worldtower.com

Job: 300' WSST Tower / Job Q16-170

Project: Gays Creek, KY

Client: Appalachian Wireless

Code: TIA-222-G

Path:

Drawn by: kirk

Date: 06/21/16

App'd:

Scale: NTS

Dwg No: E-1



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

Aeronautical Study No.  
2015-ASO-20966-OE

Issued Date: 03/14/2016

Ali Kuzehkanani  
East Kentucky Network, LLC  
8300 Greensboro Drive, Suite 1200  
McLean, VA 22102

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

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

Structure:	Antenna - Top Mount Gays Creek
Location:	Gays Creek, KY
Latitude:	37-20-46.28N NAD 83
Longitude:	83-24-28.66W
Heights:	1521 feet site elevation (SE)
	310 feet above ground level (AGL)
	1831 feet above mean sea level (AMSL)

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

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 L, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

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

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

This determination expires on 09/14/2017 unless:

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

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

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

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

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

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

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

If we can be of further assistance, please contact our office at (718) 553-2611. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-ASO-20966-OE.

**Signature Control No: 274839988-284760495**

( DNE )

Angelique Eersteling  
Technician

Attachment(s)  
Frequency Data

cc: FCC

**Frequency Data for ASN 2015-ASO-20966-0E**

<b>LOW FREQUENCY</b>	<b>HIGH FREQUENCY</b>	<b>FREQUENCY UNIT</b>	<b>ERP</b>	<b>ERP UNIT</b>
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W



## KENTUCKY AIRPORT ZONING COMMISSION

MATTHEW G. BEVIN  
Governor

90 Airport Road, Bldg 400  
Frankfort, KY 40601  
[www.transportation.ky.gov](http://www.transportation.ky.gov)  
502 564-4480

March 15, 2016

### APPROVAL OF APPLICATION

#### APPLICANT:

East Kentucky Network, LLC.  
East Kentucky Network, LLC.  
8300 Greensboro Drive|Suite 1200  
McLean, VA 22102

SUBJECT: AS-013-CPF-2016-003

STRUCTURE: Antenna Tower  
LOCATION: Gays Creek, KY  
COORDINATES: 37° 20' 46.28" N / 83° 24' 28.66" W  
HEIGHT: 310' AGL/1831' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 310' AGL/ 1831' AMSL Antenna Tower near Gays Creek, KY 37° 20' 46.28" N / 83° 24' 28.66" W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Medium Dual Obstruction Lighting is require in accordance with 602 KAR 50:100.



John Houlihan  
Administrator



An Equal Opportunity Employer M/F/D



## KENTUCKY AIRPORT ZONING COMMISSION

MATTHEW G. BEVIN  
Governor

90 Airport Road, Bldg 400  
Frankfort, KY 40601  
www.transportation.ky.gov  
502 564-4480

### CONSTRUCTION/ALTERATION STATUS REPORT

March 15, 2016

AERONAUTICAL STUDY NUMBER: AS-013-CPF-2016-003

East Kentucky Network, LLC.  
East Kentucky Network, LLC.  
8300 Greensboro Drive/Suite 1200  
McLean, VA 22102

This concerns the permit which was issued to you by the Kentucky Airport Zoning Commission on March 15, 2016. This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within the said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit. When appropriate, please indicate the status of the project in the place below and return this letter to John Houlihan, Administrator, Kentucky Airport Zoning Commission, 90 Airport Road, Bldg 400, Frankfort, KY, 40601. 502 564-4480.

STRUCTURE: Antenna Tower  
LOCATION: Gays Creek, KY  
COORDINATES: 37° 20' 46.28" N / 83° 24' 28.66" W  
HEIGHT: 310' AGL / 1831' AMSL

#### CONSTRUCTION/ALTERATION STATUS

1. The project ( ) is abandoned. ( ) is not abandoned.

2. Construction status is as follows:

Structure reached its greatest height of \_\_\_\_\_ ft. AGL  
\_\_\_\_\_ ft. AMSL on \_\_\_\_\_ (date).

Date construction was completed. \_\_\_\_\_

Type of obstruction marking/painting. \_\_\_\_\_

Type of obstruction lighting. \_\_\_\_\_

As built coordinates. \_\_\_\_\_

Miscellaneous Information. \_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE/TITLE \_\_\_\_\_



An Equal Opportunity Employer M/F/D



## KENTUCKY TRANSPORTATION CABINET

TC 56-50  
Rev. 07/2010  
Page 2 of 2

## KENTUCKY AIRPORT ZONING COMMISSION

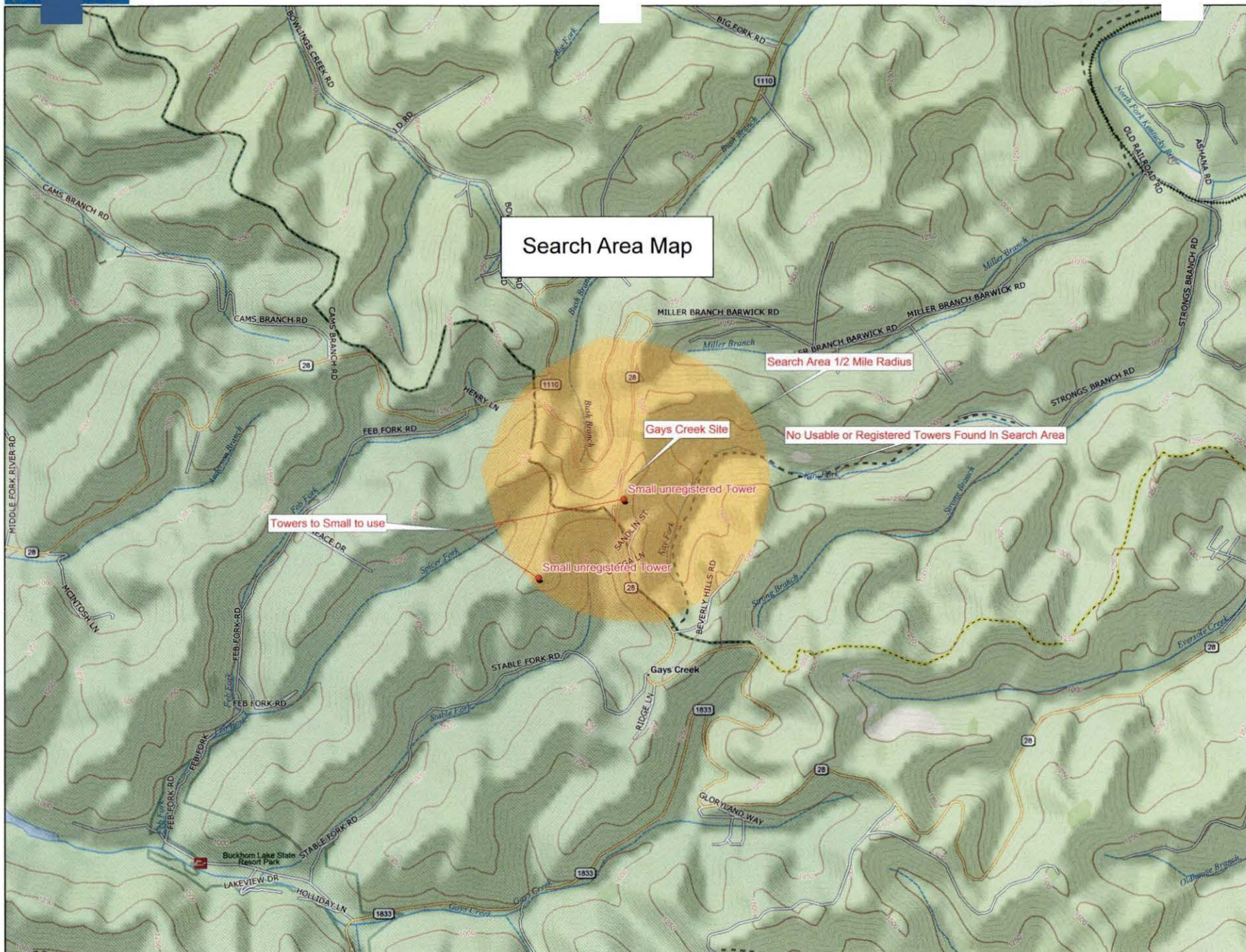
## APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

<b>APPLICANT (name)</b> East Kentucky Network, LLC c/o LNGS		<b>PHONE</b> 703-584-8667	<b>FAX</b> 703-584-8692	<b>KY AERONAUTICAL STUDY #</b> AS-013-CDF-2016-003	
<b>ADDRESS (street)</b> 8300 Greensboro Dr, #1200		<b>CITY</b> McLean		<b>STATE</b> VA	<b>ZIP</b> 22102
<b>APPLICANT'S REPRESENTATIVE (name)</b> Ali Kuzehkanani		<b>PHONE</b> 703-584-8667	<b>FAX</b> 703-584-8692		
<b>ADDRESS (street)</b> 8300 Greensboro Dr, #1200		<b>CITY</b> McLean		<b>STATE</b> VA	<b>ZIP</b> 22102
<b>APPLICATION FOR</b> <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing				<b>WORK SCHEDULE</b>	
<b>DURATION</b> <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days )				Start 01/05/16 End 01/10/16	
<b>TYPE</b> <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other		<b>MARKING/PAINTING/LIGHTING PREFERRED</b> <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input checked="" type="checkbox"/> Dual- red & medium intensity white <input type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other			
<b>LATITUDE</b> 37°20'46.28"		<b>LONGITUDE</b> 83°24'28.66"		<b>DATUM</b> <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
<b>NEAREST KENTUCKY</b> City Gays Creek County <i>Perry Breathitt</i>		<b>NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT</b> Wendell H Ford Airport			
<b>SITE ELEVATION (AMSL, feet)</b> 1521		<b>TOTAL STRUCTURE HEIGHT (AGL, feet)</b> 310		<b>CURRENT (FAA aeronautical study #)</b>	
<b>OVERALL HEIGHT (site elevation plus total structure height, feet)</b> 1831				<b>PREVIOUS (FAA aeronautical study #)</b>	
<b>DISTANCE (from nearest Kentucky public use or Military airport to structure)</b> 8.5 miles				<b>PREVIOUS (KY aeronautical study #)</b>	
<b>DIRECTION (from nearest Kentucky public use or Military airport to structure)</b> ENE					
<b>DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.)</b> Approx. 1.6 mi NE of Gays Creek (Perry), KY					
<b>DESCRIPTION OF PROPOSAL</b> A new 300' tower with top-mounted antennas (overall height of 310' AGL)					
<b>FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?)</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? 12/11/15					
<b>CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)</b>					
<b>PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)</b>					
<b>NAME</b> Ali Kuzehkanani	<b>TITLE</b> Dir of Engineering	<b>SIGNATURE</b> <i>Ali Kuzehkanani</i>		<b>DATE</b> 12/11/15	
<b>COMMISSION ACTION</b> <input type="checkbox"/> Chairperson, KAZC <input checked="" type="checkbox"/> Administrator, KAZC					
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved		<b>SIGNATURE</b> <i>[Signature]</i>		<b>DATE</b> 3-15-16	

## Driving Directions for Gays Creek

Starting in front of the courthouse in Breathitt County in the city of Jackson at the intersection of Main Street and Court Street, staying on Main Street, drive to Broadway and turn left. Go to the traffic light and take KY 1812. Drive 3.1 miles to the intersection of KY 1812 and KY 15. Turn right onto KY 15 and drive 5.3 miles. Turn right onto KY 1110 staying on KY 1110 for 15.2 miles. At the intersection of KY 1110 and KY 28 turn left onto KY 28 East and drive 1.5 miles. Signs will be posted on the left.

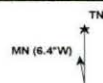
Prepared By:  
Daryl Bartley  
Appalachian Wireless  
606-477-2355



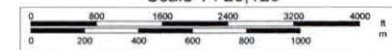
Data use subject to license.

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www.delorme.com



Scale 1 : 28,125



1" = 2,343.8 ft

Data Zoom 13-3

## MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE is made and entered into on this the 3<sup>rd</sup> day of December, 2015, with a commencement date of December 1<sup>st</sup>, by and between Ray Spicer and Patricia Spicer, husband and wife, with the mailing address of Box 5, Chavies, KY, 41727, hereinafter referred to as "Lessors" and East Kentucky Network, LLC d/b/a Appalachian Wireless, with a mailing address of 101 Technology Trail, Ivel, Kentucky, 41642, hereinafter referred to as "Lessee."

### WITNESSETH:

1. **Demised Premises:** For good and valuable consideration, Lessors do hereby lease to Lessee, and Lessee does hereby lease from Lessors, a portion of that certain tract of real estate located in Breathitt County, Kentucky, and being a portion of the same land conveyed to Lessors by Deed of Conveyance referenced in Deed Book 245, Page 114, in the Breathitt County Clerk's Office. Said property is more particularly described in the description and plat attached hereto and made a part hereof as Exhibits A and B, prepared by James W. Caudill, Licensed Professional Land Surveyor (hereinafter referred to as the "Premises");
2. **Term:** The term of the Lease shall be for a period of five (5) years from the commencement date of the Lease Agreement.
3. **Option to Renew:** Lessee shall have the option to renew the Lease for an additional six (6) terms of five (5) years each.
4. **Binding Effect:** All of the terms, conditions, and covenants hereof shall be binding and shall inure to the benefit of the heirs, representatives, successors, and assigns of the parties hereto.

5. **Purpose:** This Memorandum of Lease is prepared solely for the purpose of recordation, and is not intended, nor shall it be deemed, to modify any of the terms and conditions set forth in the Lease, nor to construe any of the rights, duties or responsibilities of Lessors and Lessee thereunder.

In Witness Whereof, Lessors and Lessee have executed this Memorandum of Lease as of the day, month and year first written above.

**LESSORS:**

Ray Spicer  
Ray Spicer

Patricia Spicer  
Patricia Spicer

COMMONWEALTH OF KENTUCKY  
COUNTY OF Breathitt

The foregoing instrument was acknowledged before me on this 3rd day of December, 2015, by Ray and Patricia Spicer, Lessors.

Rainie D. Bradley  
Notary Public

My Commission Expires Feb 3, 2016

LESSEE:

EAST KENTUCKY NETWORK, LLC

By W A Gillum

Its CEO/GM

COMMONWEALTH OF KENTUCKY  
COUNTY OF Floyd

The foregoing instrument was acknowledged before me on this 8<sup>th</sup> day of December, 2015, by W.A. Gillum, CEO/General Manager of East Kentucky Network, LLC, d/b/a Appalachian Wireless.

Raina D. Bradley  
Notary Public

My Commission Expires Feb 3, 2016

This instrument was prepared by:

W. S. Kendrick  
William S. Kendrick, Attorney at Law  
Penn, Stuart & Eskridge  
119 E. Court Street, Ste. 201  
Prestonsburg, KY 41653

## LOT DESCRIPTION

Property of  
Ray & Patricia Spicer  
12257 KY Hwy 28  
Gays Creek, KY 41745

Located on Kay Fork of Strong Branch in Breathitt County  
November 19, 2015

A portion of the property lying near Gays Creek in Breathitt County of Kentucky, on Kay Fork of Strong Branch near the top of ridge. Being a part of the same land conveyed by deed from Ted Little, Jr. to Ray & Patricia Spicer by Deed dated December 4, 2013 and recorded in Deed Book 245 Page 114 of the Breathitt county Court Clerk.

Unless stated otherwise, any monument referred to herein as "set iron pin with cap" is a set  $\frac{1}{2}$ " diameter rebar, at least eighteen (18") in length, with a plastic cap stamped "LS-2259". All bearings stated herein are referred to NAD83, KY single zone of the Kentucky state plane system. This survey performed by James W. Caudill, LS2259, on November 19, 2015.

### Lot 1A

Beginning on a set iron pin with cap marked ls2259 on the hillside near the right of way for KY Hwy 28; being contained within the property of Ray & Patricia Spicer (deed book 254, page 114) and running around the hillside North 59 deg 51 min 08 sec East, 99.97 feet to a set iron pin with cap marked ls2259 on the hillside; thence running down the hill South 30 deg 07 min 44 sec East, 81.93 feet to a set iron pin with cap marked ls2259 on the edge of bench, South 30 deg 07 min 33 sec East, 18.04 feet to a set iron pin with cap marked ls2259 on the hillside; thence around the hill South 59 deg 54 min 54 sec West, 99.99 feet to a set iron pin with cap marked ls2259 on the hillside; thence running up the hill North 30 deg 11 min 25 sec West, 22.90 feet to a set iron pin with cap marked ls2259 on the edge of the bench, North 30 deg 05 min 42 sec West, 76.96 feet to the beginning. Containing a calculated area of 9991 sq ft or 0.23 acres.

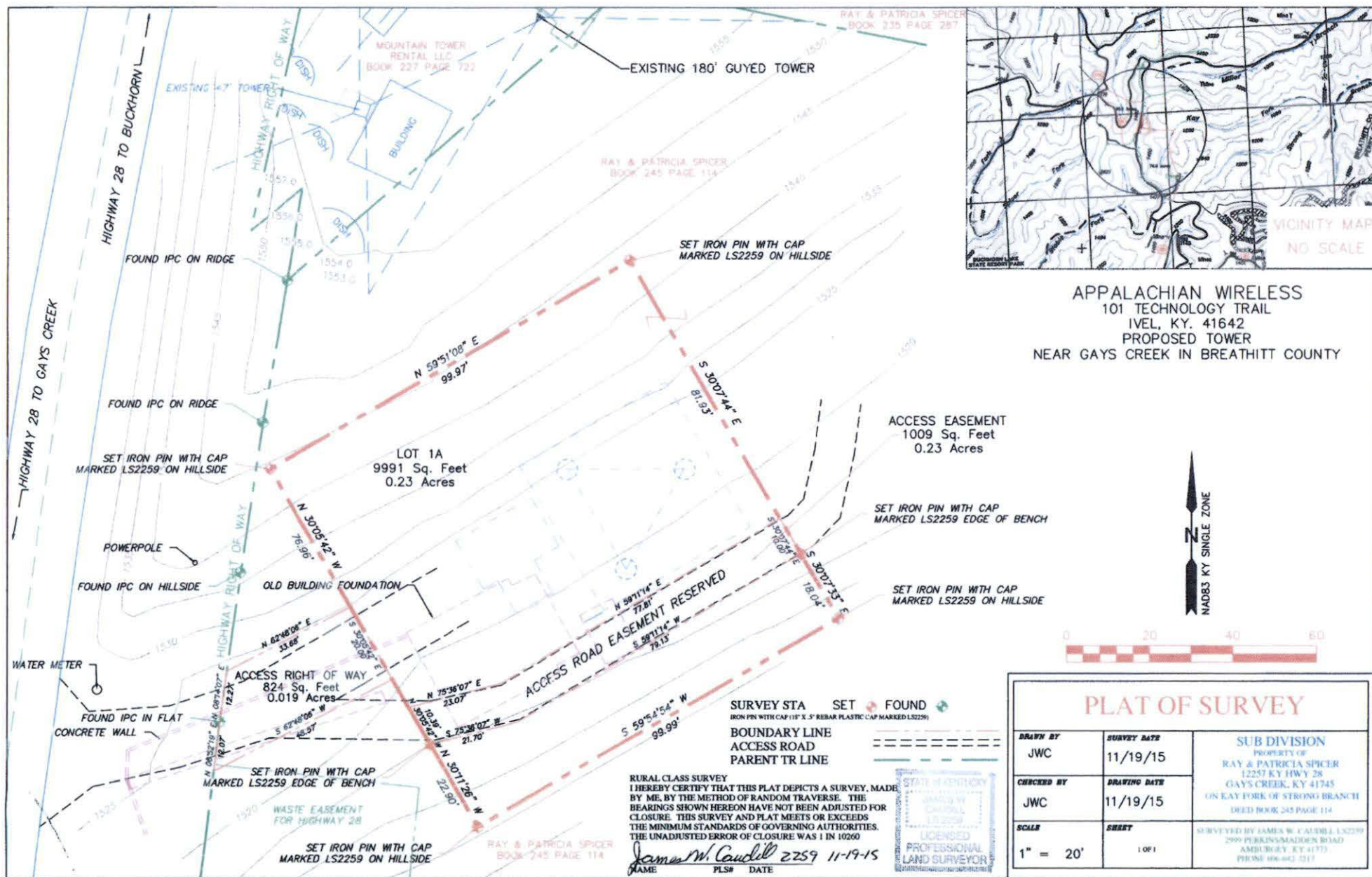
To be excepted from this area is a 10' wide access easement across the lot along the outside edge of the bench; beginning on corner #6 (the most southerly corner) of Lot 1A and running north with the lot boundary North 30 deg 05 min 42 sec West, 10.39 feet; thence cutting across the lot North 75 deg 36 min 07 sec East, 23.07 feet, North 59 deg 11 min 14 sec East, 77.81 feet to a point on the northeast boundary line of Lot 1A; thence running with the boundary South 30 deg 07 min 44 sec East, 10.00 feet to corner #3 of the lot; thence running back across the lot South 59 deg 11 min 14 sec West, 79.13 feet, South 75 deg 36 min 07 sec West, 21.70 feet to the beginning point of the reservation. Containing a calculated area of 1009 sq feet or 0.023 acres.

To be included with Lot 1A is a 20 foot wide access right of way from Highway 28 to the lot; beginning on a found iron pin with cap on the highway right of way; thence running with the right of way line North 08 deg 14 min 07 sec East, 12.27 feet; thence along the bottom of the hill North 62 deg 48 min 06 sec East, 33.68 feet to the west line of lot 1A; thence with the line of lot 1A South 30 deg 05 min 42 sec East, 20.00 feet; thence back toward Hwy 28 South 52 deg 48 min 06 sec West, 48.57 feet to the right of way of Hwy 28; thence with the right of way North 06 deg 52 min 19 sec East, 12.07 feet to the beginning. Containing a calculated area of 824 sq ft or 0.019 acres.

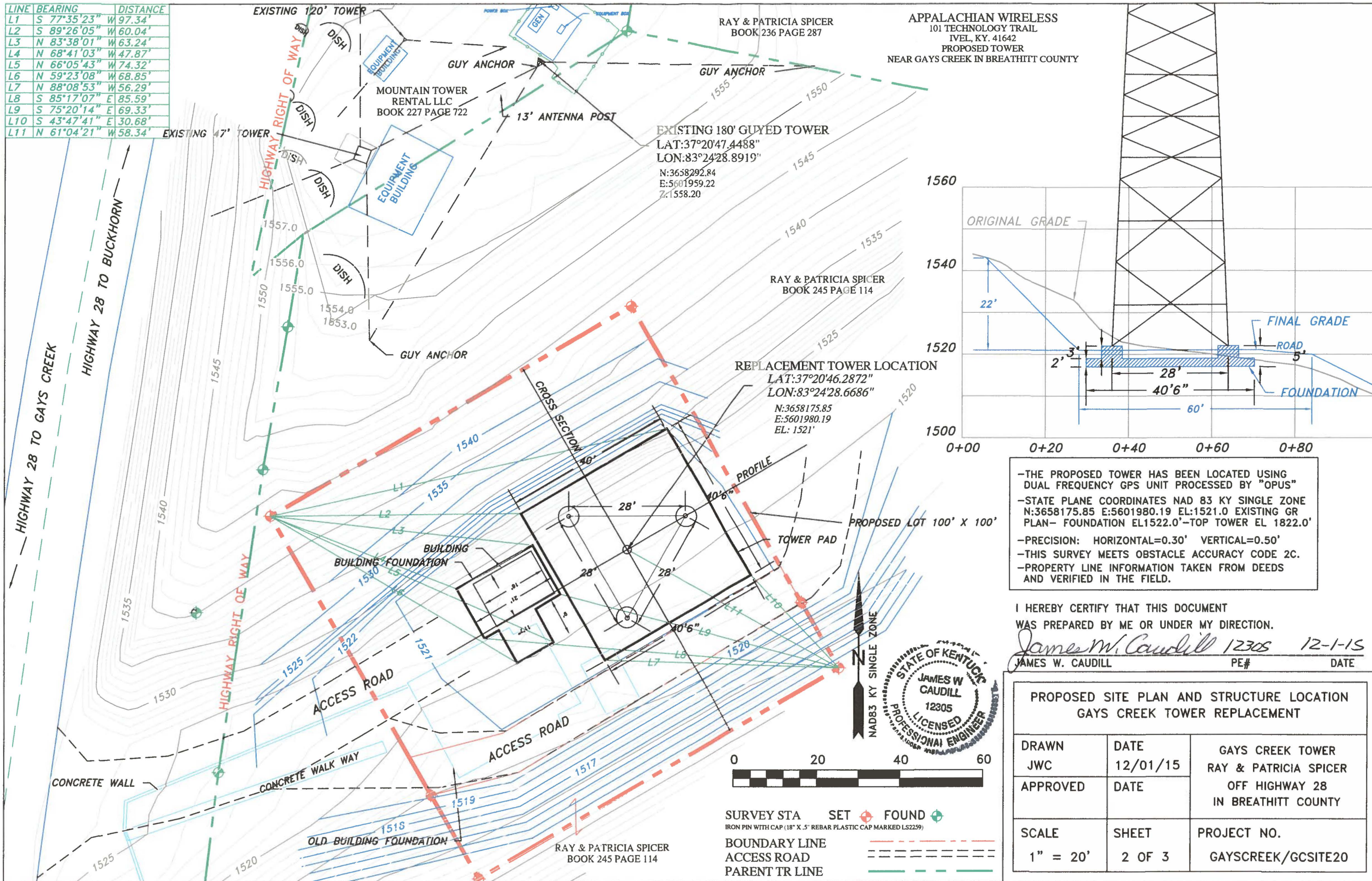
This survey was performed on November 19, 2015 by James W. Caudill, a Kentucky Licensed Professional Land Surveyor No. 2259.

*James W. Caudill*  
James W. Caudill, PLS #2259  
11-19-15





LINE	BEARING	DISTANCE
L1	S 77°35'23" W	97.34'
L2	S 89°26'05" W	60.04'
L3	N 83°38'01" W	63.24'
L4	N 68°41'03" W	47.87'
L5	N 66°05'43" W	74.32'
L6	N 59°23'08" W	68.85'
L7	N 88°08'53" W	56.29'
L8	S 85°17'07" E	85.59'
L9	S 75°20'14" E	69.33'
L10	S 43°47'41" E	30.68'
L11	N 61°04'21" W	58.34'



- THE PROPOSED TOWER HAS BEEN LOCATED USING DUAL FREQUENCY GPS UNIT PROCESSED BY "OPUS"
- STATE PLANE COORDINATES NAD 83 KY SINGLE ZONE  
N:3658175.85 E:5601980.19 EL:1521.0 EXISTING GR  
PLAN- FOUNDATION EL1522.0'-TOP TOWER EL 1822.0'
- PRECISION: HORIZONTAL=0.30' VERTICAL=0.50'
- THIS SURVEY MEETS OBSTACLE ACCURACY CODE 2C.
- PROPERTY LINE INFORMATION TAKEN FROM DEEDS  
AND VERIFIED IN THE FIELD.

I HEREBY CERTIFY THAT THIS DOCUMENT  
WAS PREPARED BY ME OR UNDER MY DIRECTION.

James W. Caudill 12308 12-1-15  
JAMES W. CAUDILL PE# DATE

PROPOSED SITE PLAN AND STRUCTURE LOCATION GAYS CREEK TOWER REPLACEMENT		
DRAWN JWC	DATE 12/01/15	GAYS CREEK TOWER RAY & PATRICIA SPICER OFF HIGHWAY 28 IN BREATHITT COUNTY
APPROVED	DATE	
SCALE 1" = 20'	SHEET 2 OF 3	PROJECT NO. GAYSCREEK/GCSITE20

Application  
CONTAINS  
LARGE OR OVERSIZED  
MAP(S)

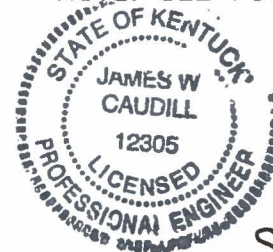
RECEIVED ON:  
7/21/2016

PROPOSED TOWER SITE  
GAYS CREEK IN BREATHITT

THIS IS A VERTICAL PROFILE SKETCH OF THE TOWER INDICATING THE PROPOSED ANTENNA AND DISH ELEVATIONS. NO DESIGN CRITERIA WAS CONSIDERED IN THE PREPARATION OF THIS DRAWING.

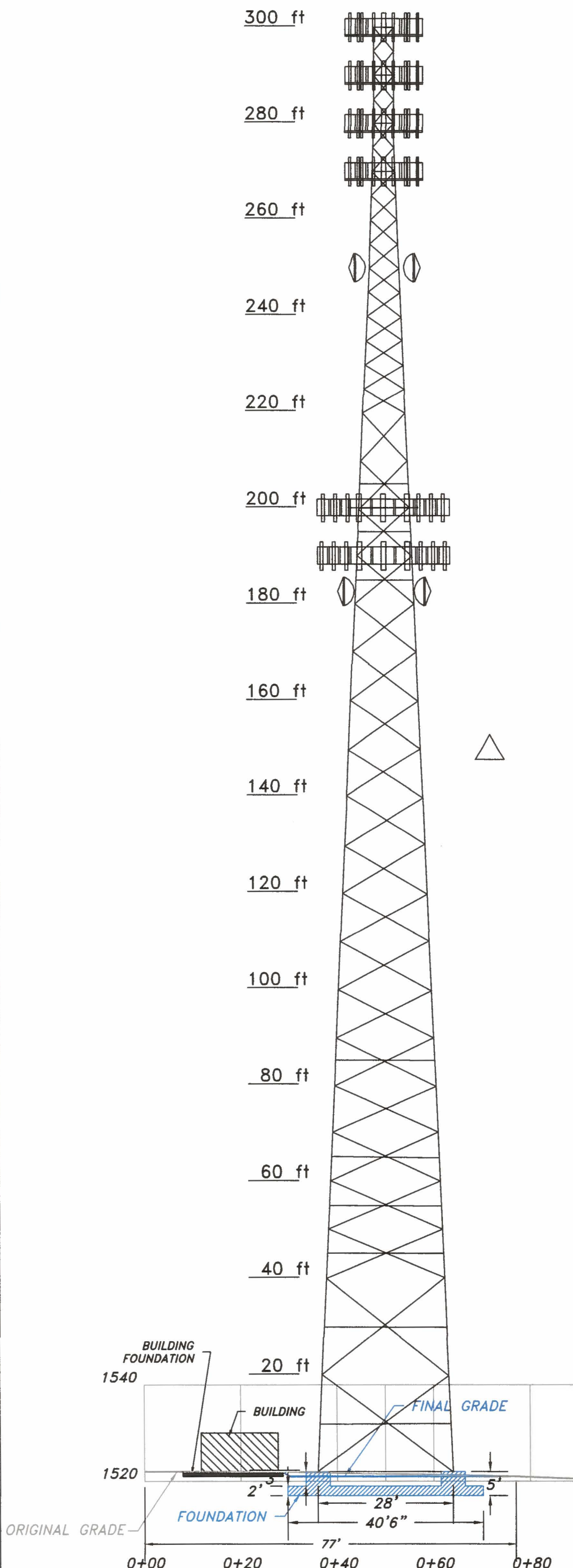
James W. Caudill 12305 12-1-15  
JAMES W. CAUDILL PE #. DATE

NOTE: SEE FOUNDATION DRAWINGS FOR DETAILS



12/01/15

SCALE 1" = 20'



PROPOSED SITE PLAN AND STRUCTURE LOCATION  
GAYS CREEK TOWER APPALACHIAN WIRELESS

DRAWN JWC	DATE 12/01/15	TOWER REPLACEMENT RAY & PATRICIA SPICER OFF HIGHWAY 28 IN BREATHITT COUNTY
APPROVED	DATE	
SCALE 1" = 20'	SHEET 3 OF 3	PROJECT NO. GAYSCREEK/GCPR020