

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

**RECEIVED**  
**MAR 10 2016**  
**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. 2016-00087  
NECESSITY TO CONSTRUCT A TOWER IN MAGOFFIN )  
COUNTY, KENTUCKY. )

East Kentucky Network, LLC, d/b/a Appalachian Wireless, was granted authorization to provide cellular service in the KY-9 Cellular Market Area (CMA451) 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 Magoffin 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 tower on a tract of land located near 13476 S.E. Licking River Road, Salyersville, Magoffin County, Kentucky (37°38'18.5562"N 82°59'10.7734"W). A map and detailed directions to the site can be found in Exhibit 7.

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

Pursuant to 807 KAR 5:063 Section 1(1)(l), Section 1(m) and Section 2, all affected property owners according to the Property Valuation Administrator's record who own property within 500 feet of the proposed Tower or 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.

Magoffin County has no formal local planning unit. In absence of this unit, the Magoffin County Judge Executive's office was notified by certified mail, return receipt requested of East Kentucky Network, LLC's proposal and informed of their right to intervene. They were 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 The Salyersville Independent, March 3, 2016, edition. Enclosed is a copy of that notice in Exhibit 3. The Salyersville Independent is the newspaper with the largest circulation in Magoffin 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 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 applications 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 February 25, 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 very rugged mountaintop some feet from the nearest structure.

Due to the steep hillside surrounding the proposed site, the property in close proximity is unsuitable for any type of development. 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. No other tower capable of supporting East Kentucky Network, LLC's load exists in the general area; therefore, there is no opportunity for co-location of our facilities 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 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, 101 Technology Trail, Ivel, KY 41642.

SUBMITTED BY: Lynn Haney DATE: 3/7/2016  
Lynn Haney, Regulatory Compliance Director

APPROVED BY: W.A. Gillum DATE: 3/8/2016  
W.A. Gillum, General Manager

ATTORNEY: Cindy McCarty DATE: 3/8/2016  
Hon. Cindy 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 McCarty, Attorney**  
**Phone: (606) 477-2355, Ext. 1006**  
**Email: cmccarty@ekn.com**

**Mailing Address:**

**East Kentucky Network, LLC**  
**d/b/a Appalachian Wireless**  
**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 Applications
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	

# Cellular License - KNKN880 - East Kentucky Network, LLC d/b/a Appalachian Wireless

Call Sign	KNKN880	Radio Service	CL - Cellular
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	CMA451 - Kentucky 9 - Elliott	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**

10/23/1996

**Control Points**

1 U.S. 23, HAROLD, KY

**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@fcclaw.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

Wayne Howard, et al  
c/o Stephen Howard  
13120 S E Licking River Road  
Salyersville, KY 41465

Jeffrey N. Howard  
13476 S E Licking River Road  
Salyersville, KY 41465

Leck and Tellie Shepherd  
c/o Mae Arnett  
17324 S E Licking River Road  
Salyersville, KY 41465

Herbert and Loretta Allen  
c/o Darvin and Alene S. Allen  
764 Old Burning Fork Rd  
Salyersville, KY 41465

Grace Howard  
c/o Darvin Allen  
764 Old Burning Fork Rd  
Salyersville, KY 41465

Willard and Glenna Joseph  
RT 77 Box 97  
Royalton, KY 41464

Vicky Johnson  
13476 S E Licking River Road  
Salyersville, KY 41465

Phyliss and Earnest Howard  
General Delivery  
Royalton, KY 41464



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 7, 2016

Wayne Howard, et al  
c/o Stephen Howard  
13120 S E Licking River Road  
Salyersville, KY 41465

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00087)

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 Magoffin 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 near 13476 Southeast Licking River Road, Salyersville, Magoffin County, Kentucky. 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. 2016-00087 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

March 7, 2016

Jeffrey N. Howard  
13476 S E Licking River Road  
Salyersville, KY 41465

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Sincerely,

A handwritten signature in blue ink that reads "Lynn Haney". The signature is written in a cursive, flowing style.

Lynn Haney  
Regulatory Compliance Director  
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 7, 2016

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Lynn Haney  
Regulatory Compliance Director  
Enclosure 1

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

EAST KENTUCKY  
NETWORK



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 7, 2016

Herbert and Loretta Allen  
c/o Darwin and Alene S. Allen  
764 Old Burning Fork Rd  
Salyersville, KY 41465

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Sincerely,

Lynn Haney  
Regulatory Compliance Director  
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 7, 2016

Willard and Glenna Joseph  
RT 77 Box 97  
Royalton, KY 41464

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00087)

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Lynn Haney  
Regulatory Compliance Director  
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 7, 2016

Vicky Johnson  
13476 S E Licking River Road  
Salyersville, KY 41465

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00087)

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Lynn Haney  
Regulatory Compliance Director  
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 7, 2016

Phyliss and Earnest Howard  
General Delivery  
Royalton, KY 41464

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00087)

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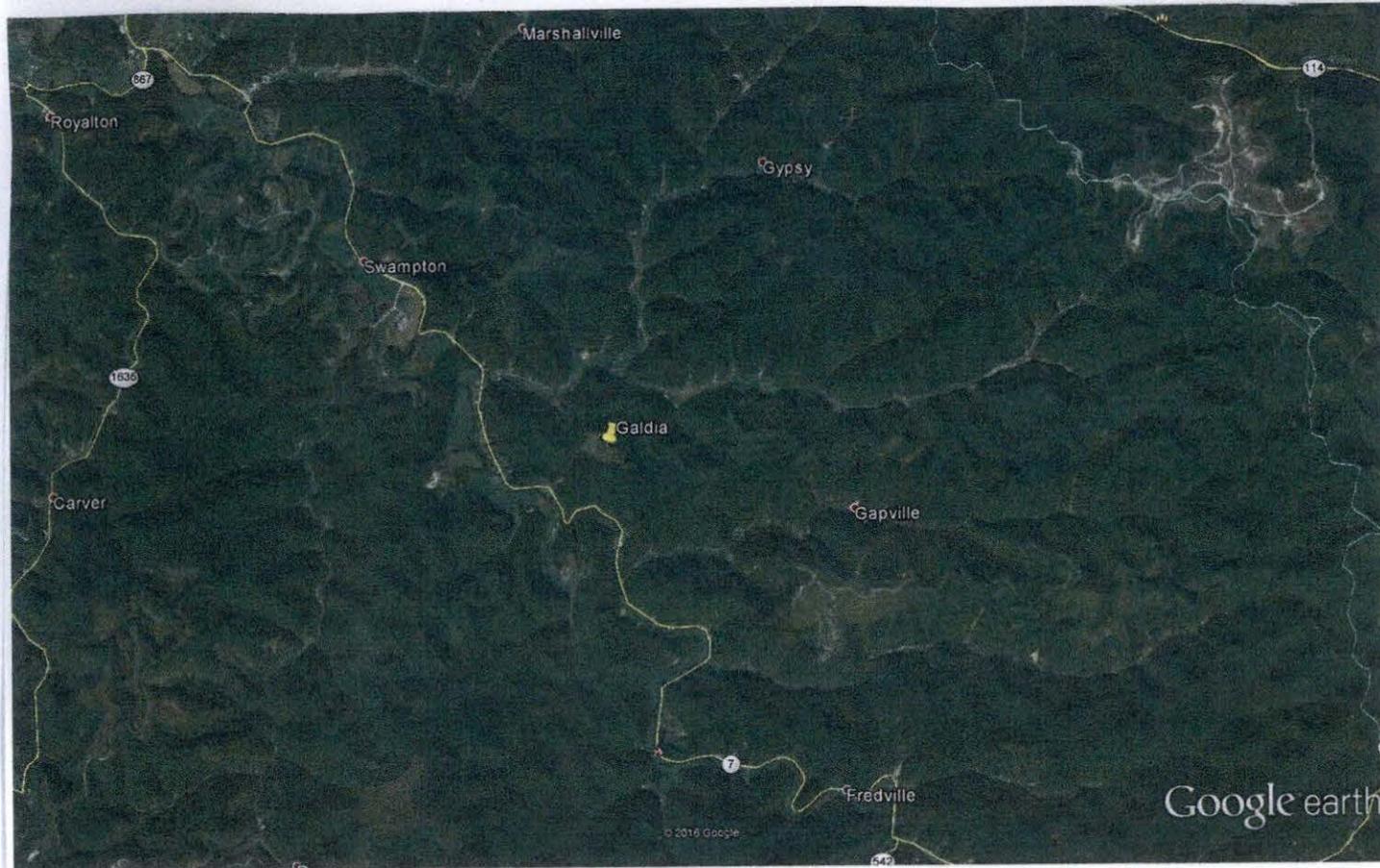
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Lynn Haney  
Regulatory Compliance Director  
Enclosure 1

# Appalachian Wireless Location Map



Site Name

Galdia Site

Location

13476 S. E. Licking River Rd. Salyersville

GPS Location

N 37 38 18.5562

W 82 59 10.7734

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

EAST KENTUCKY  
NETWORK



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**To:** The Salyersville Independent  
Attn: Classifieds

**From:** Raina Helton  
Regulatory Compliance Assistant

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**Email:** jo@salyersvilleindependent.com

**Date:** February 24, 2016

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**Re:** PUBLIC NOTICE ADVERTISEMENT

**Pages:** 1

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**Please place the following Public Notice Advertisement in The Salyersville Independent to be ran on March 3, 2016.**

PUBLIC NOTICE:

RE: Public Service Commission of Kentucky (CASE NO. 2016-00087)

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 near 13476 Southeast Licking River Road, Salyersville, Magoffin 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. 2016-00087.

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.



VIA: U.S. CERTIFIED MAIL

March 1, 2016

Charles "Doc" Hardin, Judge Executive  
P.O. Box 430  
Salyersville, KY 41465

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2016-00087)

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 Magoffin 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 near 13476 Sotheast Licking River Road, Salyersville, Magoffin 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 Magoffin 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.

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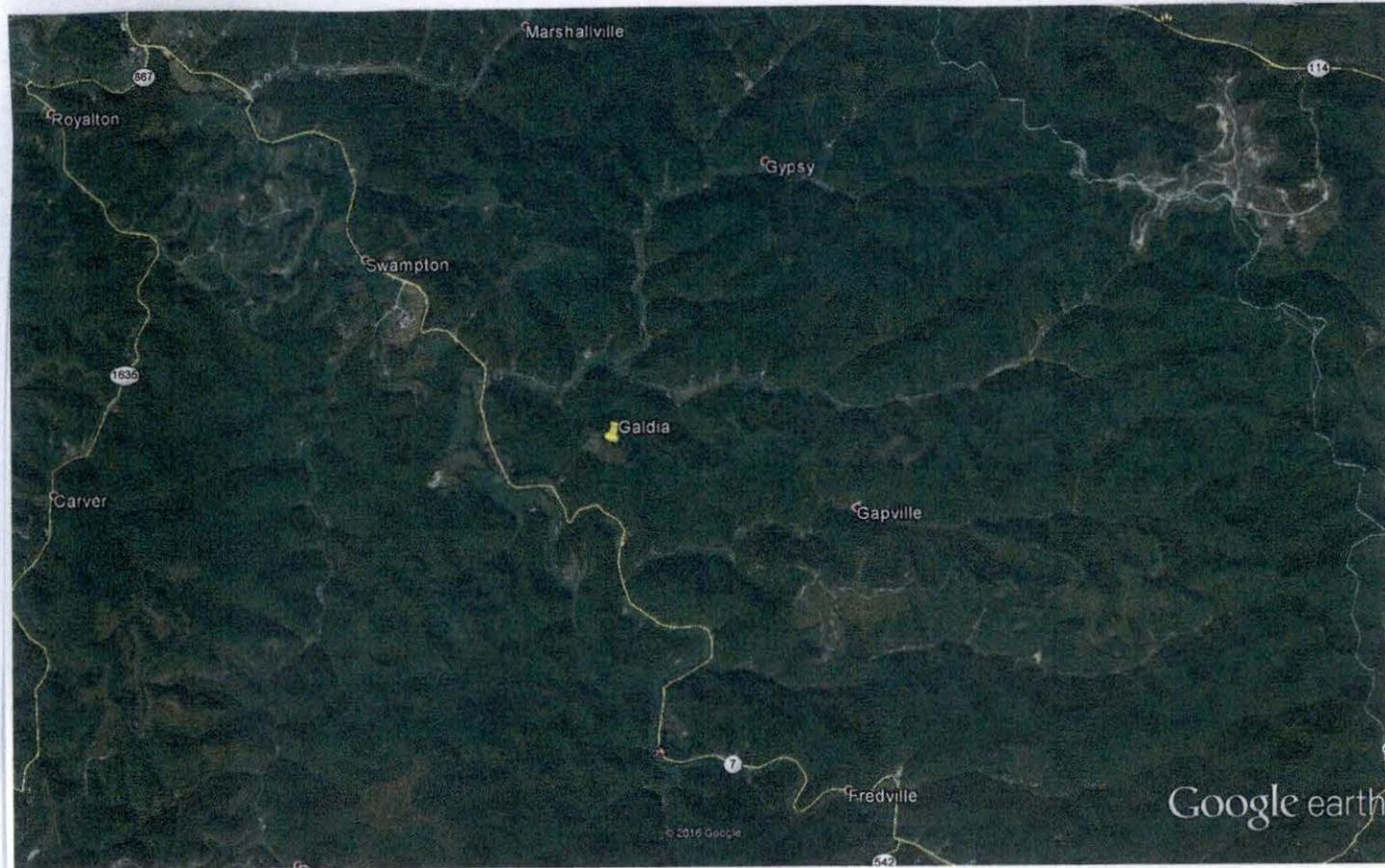
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Lynn Haney  
Regulatory Compliance Director  
Enclosure

# Appalachian Wireless Location Map



Site Name

Galdia Site

Location

13476 S. E. Licking River Rd. Salyersville

GPS Location

N 37 38 18.5562

W 82 59 10.7734

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

424 Pear Street  
Hazard, KY 41701  
February 22, 2016

Galdia Tower Site

**Purpose:**

A site assessment was conducted for Appalachian Wireless on a tract of land located in Magoffin County near Galdia, Kentucky. The site of the proposed tower is now a reclaimed surface mine. 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. A Kubota excavator was used to determine the bedrock material. The mine fill is over 14.0 feet deep, the maximum reach of the excavator. (See attached page for descriptions of materials encountered.)

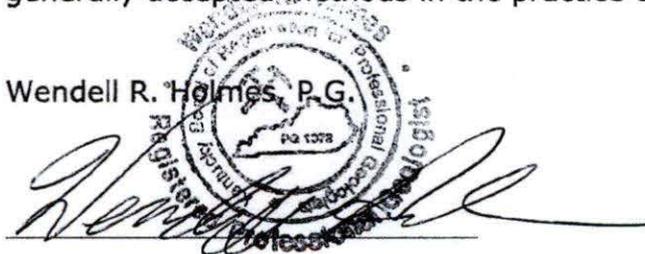
The terrain in Magoffin County is moderately to slightly steep. The tower site is located on a ridge approximately four tenths of a mile northeast of KY 7 near Galdia, Kentucky in Magoffin County. The Mine fill formation below the tower site is over 14.00 feet thick based on the information obtained from the site investigation and geological maps of the area.

**Conclusions:**

The proposed tower site is located on a ridge in the area. The Mine fill on the proposed tower site is part of a reclaimed surface mine. Tests were not conducted to determine the load-bearing strength of the fill. However, it is apparent that the tower will be constructed on the Mine fill 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: Galdia Tower Site

Unit Thickness	Total depth	Strata	Description
14.00'+	14.00'+	Mine Fill	Sandstone, Shale Fragments and Unconsolidated Soil



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)

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300' MODEL WSST TOWER  
FOR: APPALACHIAN WIRELESS  
SITE: GALDIA  
MAGOFFIN COUNTY, KY  
DESIGN PACKAGE



3-7-2016

*Fabrication, Installation, and Maintenance of TV, AM, FM, & Wireless Communications Towers*

## 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.

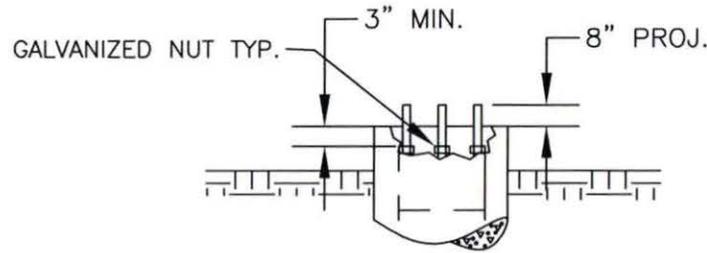
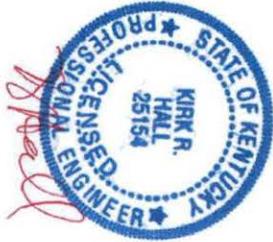
3-7-2016



R1- SITE CHANGE- LKG 3-4-16

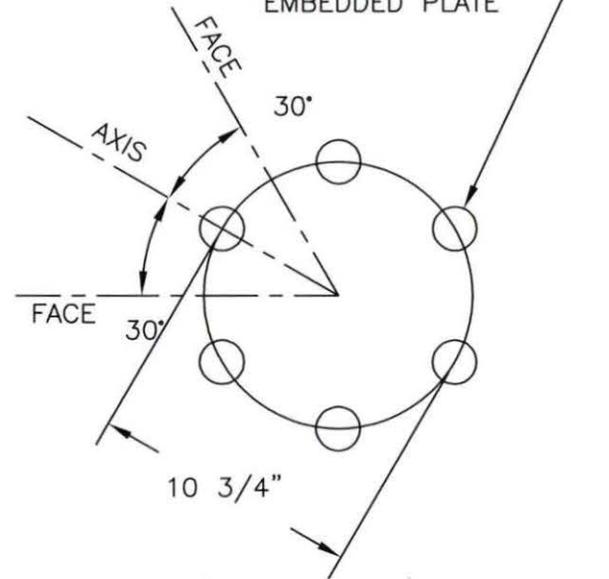
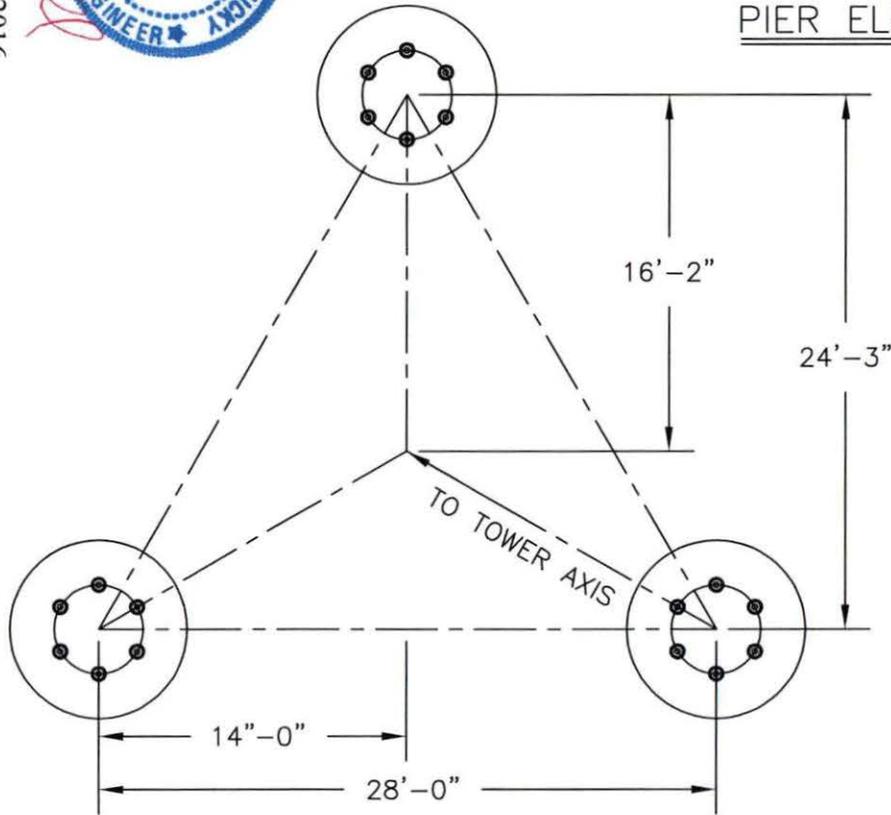
<b>WORLD TOWER</b>			
TITLE: 300' MODEL WSST TOWER FOR: APPALACHIAN WIRELESS SITE: GALDIA MAGOFFIN COUNTY, KY			
SCALE	DWN.	LKG	CKD.
FILE	DWG. NO.		DATE 8-7-15
			Q15575N R1

3-7-2016



PIER ELEVATION

ANCHOR BOLTS  
 (6) 1 1/2"  $\phi$  X 78"  
 (ASTM A354 GR. BC)  
 EQUALLY SPACED  
 ON A 10 3/4" DIA.  
 BOLT CIRCLE WITH  
 TOP TEMPLATE AND  
 EMBEDDED PLATE



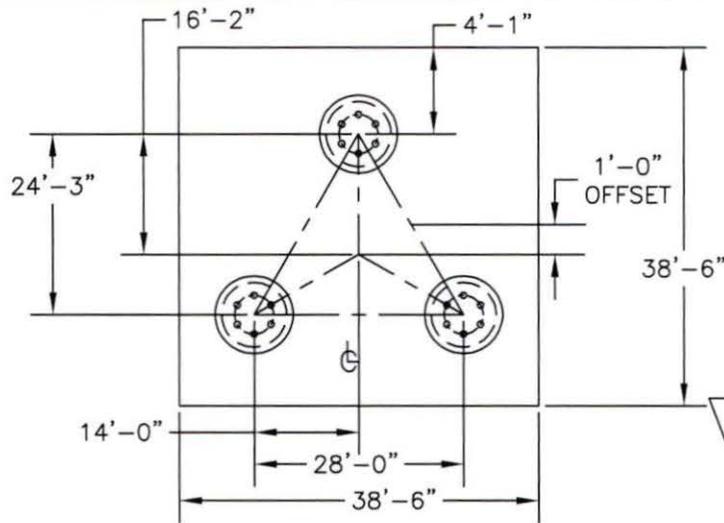
R1- SITE CHANGE- LKG 3-4-16

TITLE:

300' MODEL WSST TOWER  
 FOR: APPALACHIAN WIRELESS  
 SITE: GALDIA  
 MAGOFFIN COUNTY, KY

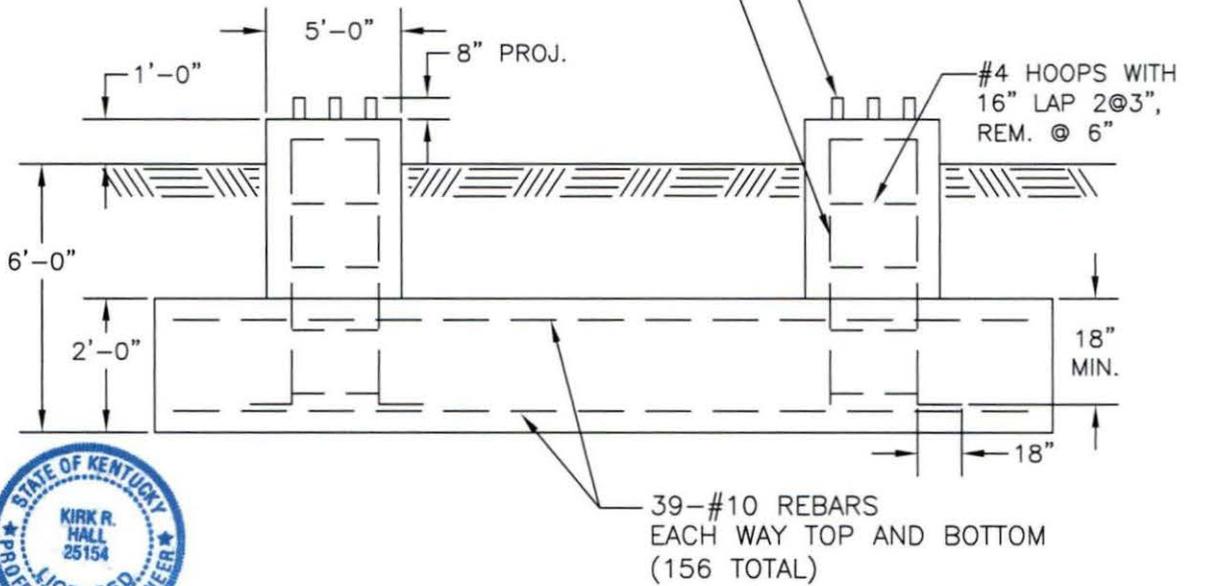
# WORLD TOWER

SCALE	NONE	DWN.	LKG	CKD.	DATE	8-7-15
FILE				DWG. NO.	Q15575AB R1	



120.7 CU. YDS.  
CONCRETE REQ'D.

BASE REACTIONS	
OTM:	12545.0 FT. KIPS
COMP.	547.0 KIPS
UPLIFT	471.0 KIPS
SHEAR (3 LEGS)	82.0 KIPS
WT. NO ICE	91.0 KIPS
WT. 3/4" ICE	277.0 KIPS



3-7-2016

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. WORLD TOWER COMPANY WAS NOT PROVIDED WITH A SITE SPECIFIC SOILS REPORT FOUNDATIONS DESIGNED FOR NORMAL DRY SOILS CONDITIONS IN ACCORDANCE WITH EIA-G. NO ALLOWANCE WAS MADE FOR SOFT SOILS, PEATS, ORGANICS, WATER, OR ROCK IN THE EXCAVATION(S).

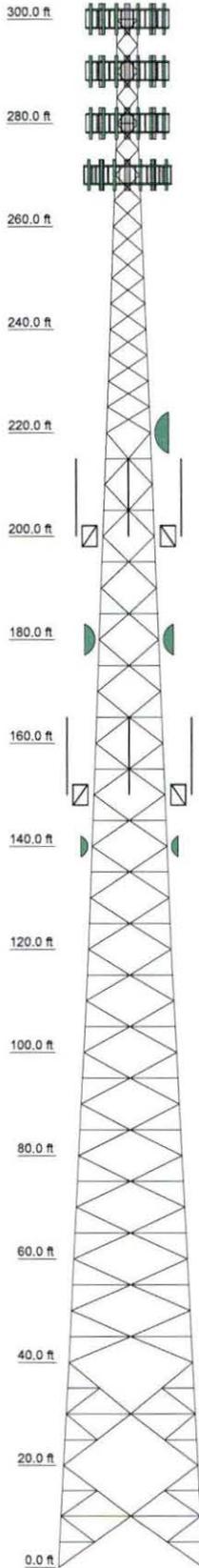
R1- SITE CHANGE- LKG 3-4-16

TITLE: FOUNDATION DETAIL  
300' WSST TOWER  
FOR: APPALACHIAN WIRELESS  
SITE: GALDIA  
MAGOFFIN COUNTY, KY

# WORLD TOWER

SCALE NONE	DWN. LKG	CKD.	DATE 8-7-15
FILE	DWG. NO. Q15575F R1		

Section	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31			
3s																																		
3 Grade																																		
Diagonal Grade																																		
Top Chords																																		
Horizontals																																		
Red. Horizontals																																		
Red. Diagonals																																		
Inner Bracing																																		
Face Width (ft)																																		
# Panels @ (ft)																																		
Weight (K)																																		



### DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Beacon Lighting	300	Panel 6' x 1' x 6" w/ mnt. pipe*	280
WD13X53 Antenna Mounting Frame	300	(3) RRU	279
WD13X53 Antenna Mounting Frame	300	WD13X53 Antenna Mounting Frame	270
WD13X53 Antenna Mounting Frame	300	WD13X53 Antenna Mounting Frame	270
(2) WPA800102/4CF w/ mt pipe	300	(2) Panel 4' x 6" x 6" w/ mnt. pipe	270
(2) WPA800102/4CF w/ mt pipe	300	(2) Panel 4' x 6" x 6" w/ mnt. pipe	270
(2) WPA800102/4CF w/ mt pipe	300	(2) Panel 4' x 6" x 6" w/ mnt. pipe	270
BXA-70063-6CF w/ mt pipe	300	Panel 6' x 1' x 6" w/ mnt. pipe*	270
BXA-70063-6CF w/ mt pipe	300	Panel 6' x 1' x 6" w/ mnt. pipe*	270
BXA-70063-6CF w/ mt pipe	300	Panel 6' x 1' x 6" w/ mnt. pipe*	270
(3) RRU	299	WD13X53 Antenna Mounting Frame	270
WD13X53 Antenna Mounting Frame	290	(3) RRU	269
WD13X53 Antenna Mounting Frame	290	8 FT DISH	220
WD13X53 Antenna Mounting Frame	290	6' Pipe Side Arm*	200
(2) WPA800102/4CF w/ mt pipe	290	6' Pipe Side Arm*	200
(2) WPA800102/4CF w/ mt pipe	290	6' Pipe Side Arm*	200
(2) WPA800102/4CF w/ mt pipe	290	(2) Omni 13' X 3' Dia.*	200
BXA-70063-6CF w/ mt pipe	290	(2) Omni 13' X 3' Dia.*	200
BXA-70063-6CF w/ mt pipe	290	(2) Omni 13' X 3' Dia.*	200
BXA-70063-6CF w/ mt pipe	290	6 FT DISH	180
(3) RRU	289	6 FT DISH	180
WD13X53 Antenna Mounting Frame	280	(2) Omni 13' X 3' Dia.*	150
WD13X53 Antenna Mounting Frame	280	6' Pipe Side Arm*	150
WD13X53 Antenna Mounting Frame	280	6' Pipe Side Arm*	150
(2) Panel 4' x 6" x 6" w/ mnt. pipe	280	(2) Omni 13' X 3' Dia.*	150
(2) Panel 4' x 6" x 6" w/ mnt. pipe	280	6' Pipe Side Arm*	150
(2) Panel 4' x 6" x 6" w/ mnt. pipe	280	(2) Omni 13' X 3' Dia.*	150
Panel 6' x 1' x 6" w/ mnt. pipe*	280	4 FT DISH	140
Panel 6' x 1' x 6" w/ mnt. pipe*	280	4 FT DISH	140

### SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	L2 1/2x2 1/2x3/16		

### MATERIAL STRENGTH

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

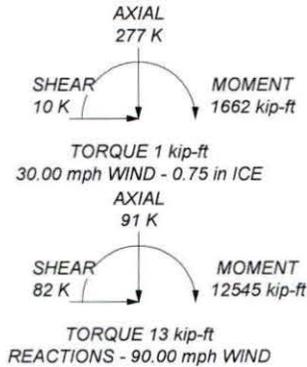
### TOWER DESIGN NOTES

1. Tower is located in Magoffin County, Kentucky.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 90.00 mph basic wind in accordance with the TIA-222-G Standard.
4. 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.

5. ALL REACTIONS ARE FACTORED.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 98.2%

DOWN: 547 K  
SHEAR: 51 K

UPLIFT: -471 K  
SHEAR: 44 K



3-7-2016

<b>World Tower Company</b>		Job: <b>300' WSSST Tower / Job Q15-575</b>	
1213 Compressor Drive Mayfield, KY 42066		Project: <b>Galdia, KY</b>	
Phone: (270) 247-3642		Client: <b>Appalachian Wireless</b>	Drawn by: <b>kirk</b>
FAX: <b>www.worldtower.com</b>		Code: <b>TIA-222-G</b>	Date: <b>03/04/16</b>
		Path: <b>C:\Tower\PE_Runs\2016\Q15-575_Galdia_appalachian\Q15-575.dwg</b>	Scale: <b>NTS</b>
			Dwg No. <b>E-1</b>



**Federal Aviation  
Administration**

FAA Advisory Circular 70/7460-1L, Obstruction Marking Lighting was published on 12/4/2015, and is effective as of that date. The document may be viewed at [http://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.information/documentID/1028657](http://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.information/documentID/1028657)

## **Notice of Proposed Construction or Alteration - Off Airport**

**Project Name:** EAST -000352972-16

**Sponsor:** East Kentucky Network, LLC

**Details for Case : Gapville (Galdia)**

[Show Project Summary](#)

**Case Status**

<b>ASN:</b>	2016-ASO-112-OE	<b>Date Accepted:</b>	01/06/2016
<b>Status:</b>	Accepted	<b>Date Determined:</b>	
		<b>Letters:</b>	None
		<b>Documents:</b>	01/06/2016
<b>Public Comments:</b>	None		
			Project D None

**Construction / Alteration Information**

<b>Notice Of:</b>	Construction
<b>Duration:</b>	Permanent
<b>if Temporary :</b>	Months: Days:
<b>Work Schedule - Start:</b>	02/15/2016
<b>Work Schedule - End:</b>	02/20/2016
<i>*For temporary cranes-Does the permanent structure require separate notice to the FAA? To find out, use the Notice Criteria Tool. If separate notice is required, please ensure it is filed. If it is not filed, please state the reason in the Description of Proposal.</i>	
<b>State Filing:</b>	Filed with State

**Structure Summary**

<b>Structure Type:</b>	Tower
<b>Structure Name:</b>	Gapville
<b>FDC NOTAM:</b>	
<b>NOTAM Number:</b>	
<b>FCC Number:</b>	
<b>Prior ASN:</b>	

**Structure Details**

<b>Latitude:</b>	37° 38' 18.55" N
<b>Longitude:</b>	82° 59' 10.77" W
<b>Horizontal Datum:</b>	NAD83
<b>Site Elevation (SE):</b>	1327 (nearest foot)
<b>Structure Height (AGL):</b>	310 (nearest foot)
<b>Current Height (AGL):</b>	(nearest foot)
<i>* For notice of alteration or existing provide the current AGL height of the existing structure. Include details in the Description of Proposal</i>	
<b>Minimum Operating Height (AGL):</b>	(nearest foot)
<i>* For aeronautical study of a crane or construction equipment the maximum height should be listed above as the Structure Height (AGL). Additionally, provide the minimum operating height to avoid delays if impacts are identified that require negotiation to a reduced height. If the Structure Height and minimum operating height are the same enter the same value in both fields.</i>	
<b>Nacelle Height (AGL):</b>	(nearest foot)
<i>* For Wind Turbines 500ft AGL or greater</i>	

**Common Frequency Bands**

Low Freq	High Freq	F
698	806	
806	824	
824	849	
851	866	
869	894	
896	901	
901	902	
930	931	
931	932	
932	932.5	
935	940	
940	941	
1850	1910	
1930	1990	
2305	2310	
2345	2360	

**Specific Frequencies**

**Requested Marking/Lighting:** Dual-red and medium intensity

**Other :**

**Recommended Marking/Lighting:**

**Current Marking/Lighting:**

N/A Proposed Structure

**Other :**

**Nearest City:**

Gapville

**Nearest State:**

Kentucky

**Description of Location:**

***On the Project Summary page upload any certified survey.***

Galdia site, approx. 1.6 mi WNW of Gapville (Magoffin), KY

**Description of Proposal:**

A new 300' tower with top-mounted antennas (overall height of 310' AGL)

Previous

[Back to Search Result](#)

Next



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>	
<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 02/15/2016 End 02/20/2016	
<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°38'18.55"		<b>LONGITUDE</b> 82°59'10.77"		<b>DATUM</b> <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
<b>NEAREST KENTUCKY</b> City Gapville County Magoffin		<b>NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT</b> Julian Carroll Airport			
<b>SITE ELEVATION (AMSL, feet)</b> 1327		<b>TOTAL STRUCTURE HEIGHT (AGL, feet)</b> 310		<b>CURRENT (FAA aeronautical study #)</b>	
<b>VERALL HEIGHT (site elevation plus total structure height, feet)</b> 1637				<b>PREVIOUS (FAA aeronautical study #)</b>	
<b>DISTANCE (from nearest Kentucky public use or Military airport to structure)</b> 18.4 mi				<b>PREVIOUS (KY aeronautical study #)</b>	
<b>DIRECTION (from nearest Kentucky public use or Military airport to structure)</b> West					
<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> Galdia site, approx. 1.6 mi WNW of Gapville (Magoffin), 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? 01/06/16					
<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> 01/06/16	
<b>COMMISSION ACTION</b> <input type="checkbox"/> Chairperson, KAZC <input type="checkbox"/> Administrator, KAZC					
<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<b>SIGNATURE</b>		<b>DATE</b>		

## Driving Directions for Galdia

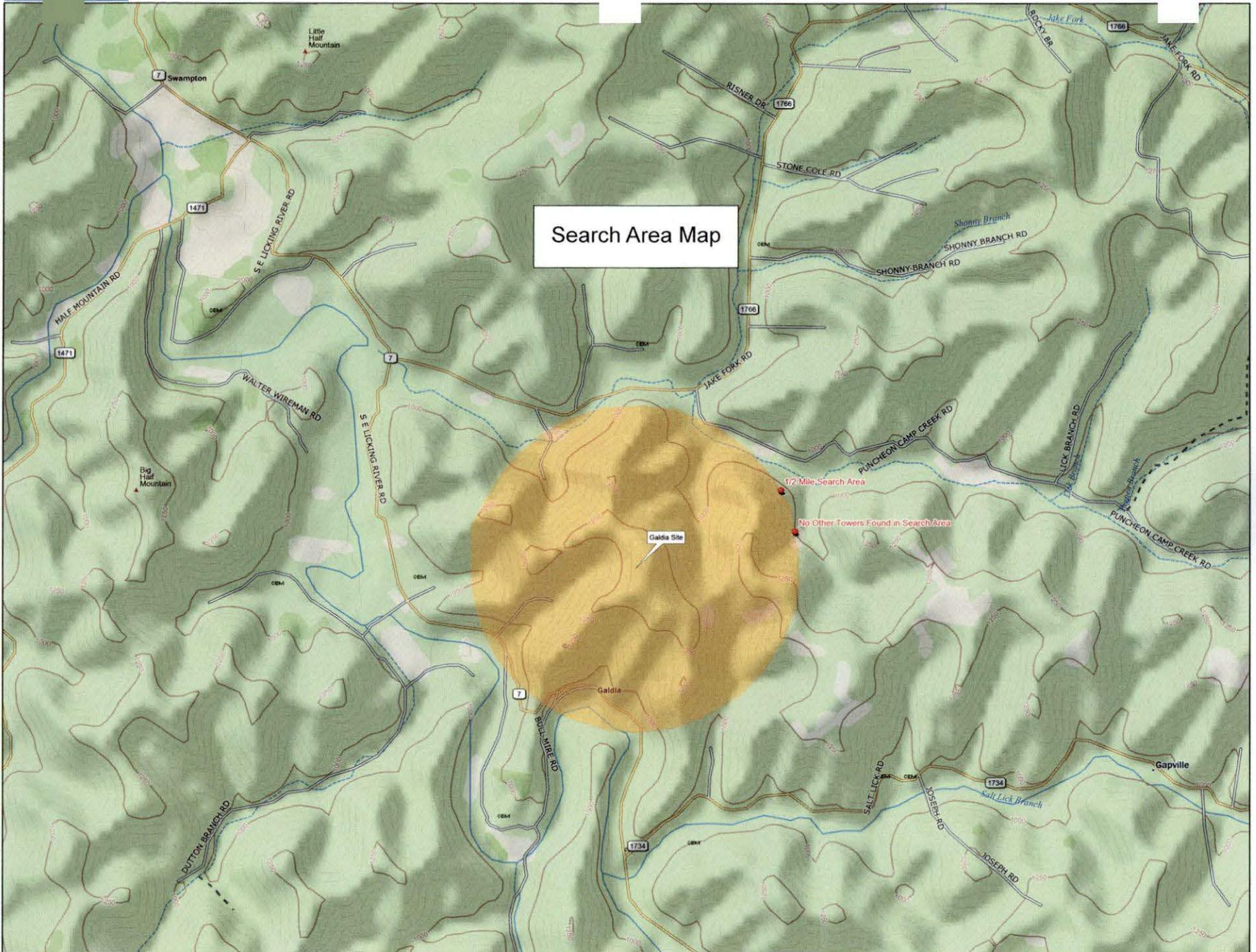
Starting in front of the Magoffin County Court House at the intersection of highways 460, 40 and 7, take Route 7 (South/460East) .2 miles, turn right on Route 7 (south), go 10.8 miles. Tower access road is on the left (signs will be posted here).

Prepared By:

Jack Adkins

Appalachian Wireless

606-339-0531



Search Area Map

Galdia Site

1/2 Mile Search Area  
No Other Towers Found in Search Area

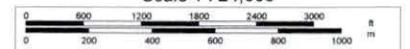
Data use subject to license.

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www.delorme.com



Scale 1 : 24,000



1" = 2,000.0 ft

Data Zoom 13-5

## MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE is made and entered into on this the 28<sup>th</sup> day of December, 2015, with a commencement date of January 1<sup>st</sup>, 2016, by and between and Stephen E. and Pamela Howard, husband and wife of 13120 Southeast Licking River Road, Salyersville, KY 41465 and Jeffrey N. and Shona Howard, husband and wife of 13476 Southeast Licking River Road, Salyersville, KY 41465 and Harrison Tate Avera (minor), by and through Richard Avera, as father and natural guardian of minor child, of 678 E. Todd Rd, Science Hill, KY 42553 and Liela Zellers, single of 140 Warsteiner Way, Suite #302, Melbourne Beach, FL 32951 and Jimmy and Debra S. Reardon, husband and wife of 71 Meadow View Court, Springboro, OH, 45066 and Stephanie Buck, single of 23446 Bolivar, Mission Viejo, CA 92691, 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 Magoffin County, Kentucky, and being a portion of the same land conveyed to Lessors by Deed of Conveyance referenced in Deed Book 200, Page 193 and Deed Book 211 Page 404 and Deed Book 211 Page 706 and Deed Book 211 Page 713 and Deed Book 211 Page 397 and Deed Book 211 Page 720, in the Magoffin 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.

This agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

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

**LESSORS:**

Stephen E. Howard  
Stephen E. Howard

Pamela Howard  
Pamela Howard

COMMONWEALTH OF KENTUCKY  
COUNTY OF Martin

The foregoing instrument was acknowledged before me on this 28<sup>th</sup> day of December, 2015, by Stephen E. and Pamela Howard, Lessors.

Rainie D. Bradley  
Notary Public

Feb 3, 2016  
My Commission Expires

LESSORS:

Jeffrey Howard  
Jeffrey N. Howard

Shona Howard  
Shona Howard

COMMONWEALTH OF KENTUCKY  
COUNTY OF Magoffin

The foregoing instrument was acknowledged before me on this 28<sup>th</sup> day of December, 2015, by Jeffrey N. & Shona Howard, Lessors.

Raina O. Bradley  
Notary Public

My Commission Expires Feb 3, 2016

LESSORS:

Harrison Tate Avera  
Richard Avera  
Harrison Tate Avera, minor child  
By and through Richard Avera, father

COMMONWEALTH OF KENTUCKY  
COUNTY OF Pulaski

The foregoing instrument was acknowledged before me on this 11<sup>th</sup> day of January, 201~~8~~<sup>6 50</sup>, by Richard Avera for Harrison Tate Avera, Lessors.

Sarah E. Dyc  
Notary Public

My Commission Expires 4/22/2017

LESSORS:

Leila Zellers  
Leila Zellers  
*Leila*  
*(K3)*

STATE OF Florida  
COUNTY OF Brevard

The foregoing instrument was acknowledged before me on this 26<sup>th</sup> day of February, 2016 by Leila Zellers, Lessors.  
*Leila*  
*K3*



Teelah Kreiselman  
Notary Public  
State of Florida  
MY COMMISSION # FF 928746  
Expires: October 19, 2019

Teelah Kreiselman  
Notary Public

My Commission Expires 10/19/19

**LESSORS:**

  
\_\_\_\_\_  
Jimmy Reardon

  
\_\_\_\_\_  
Debra S. Reardon

STATE OF OHIO  
COUNTY OF WARREN

The foregoing instrument was acknowledged before me on this 1<sup>ST</sup> day of FEBRUARY, 2016, by Jimmy & Debra S. Reardon, Lessors.

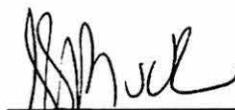


**WILLIAM A. TAYLOR**  
Notary Public, State of Ohio  
My Commission Expires  
May 21, 2020

  
\_\_\_\_\_  
Notary Public

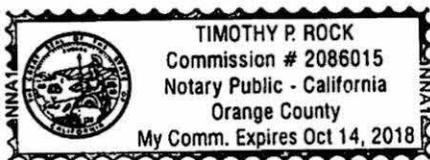
My Commission Expires \_\_\_\_\_

**LESSORS:**

  
\_\_\_\_\_  
**Stephanie Buck**

STATE OF California  
COUNTY OF Orange

The foregoing instrument was acknowledged before me on this 15 day of  
Feb, 2015, by Stephanie Buck, Lessors.



  
\_\_\_\_\_  
Notary Public

My Commission Expires 10/14/18

**LESSEE:**

**EAST KENTUCKY NETWORK, LLC**

By WA Gillum

Its CEO/GM

COMMONWEALTH OF KENTUCKY  
COUNTY OF Floyd

The foregoing instrument was acknowledged before me on this 11<sup>th</sup> day of January, 2016, by W.A. Gillum, CEO/General Manager of East Kentucky Network, LLC, d/b/a Appalachian Wireless.

Raina J. Bradley  
Notary Public

My Commission Expires Feb 3, 2016

This instrument was prepared by:

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



**LOT DESCRIPTION**

Property of

Stephen E. Howard and others

1312 S.E. Licking River Rd.

Salyersville, ky 41465

Located off Highway 7 in Magoffin County

December 14, 2015

A portion of the property lying near Galdia on the Licking River in Magoffin County of Kentucky, near Bullmire Branch confluence with the Licking River and near the top of ridge. Being a part of the same land conveyed by deed from Stephen E. Howard and Pamela Howard, his wife of 13120 S.E. Licking River Road, Salyersville, Kentucky 41465 and Jeffrey N. Howard and Shona Howard, his wife, of 13484 S.E. Licking River Road, Salyersville, Kentucky 41465, to Wayne C. Howard, of 558 Painters Lick Road, Salyersville, Kentucky 41465; Karen Sue Howard, 13061 S.E. Licking River Road, Salyersville, Kentucky 41465; Albert K. Howard, of 353 Will May Branch, Salyersville, Kentucky 41465; Vicky H. Hohnson, of 402 Hollyhock Hills Way, White Pine, Tennessee 37890; Stephen E. Howard, of 13120 S.E. Licking River Road, Salyersville, Kentucky 41465; Jeffrey N. Howard, of 13484 S.E. Licking River Road, Salyersville, Kentucky 41465; Marsha Hart, of 137 Oakmont Drive, Nicholasville, Kentucky 40356, Damon Howard, of Route 40, Salyersville, Kentucky 41465; and Harrison Tate Avera, by and through Richard Avera, of Somerset, KY by Deed recorded in Deed Book 200 Page 193 of the Magoffin county Court Clerk.

Unless stated otherwise, any monument referred to herein as "set iron pin with cap" is a set 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 December 14, 2015.

**Lot 1A**

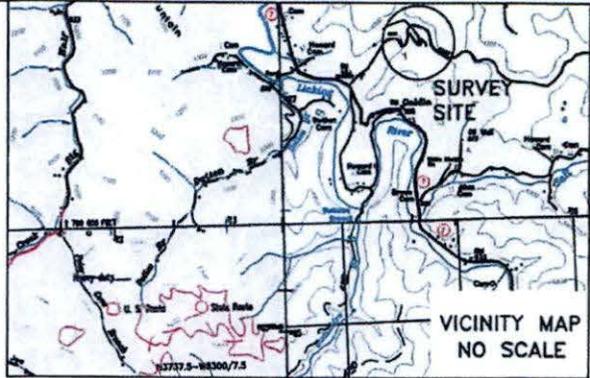
Beginning on a set iron pin with cap marked ls2259 on old strip mine bench at a point North 07 deg 45 min 47 sec West, 53.87 feet from a set iron pin with NAD83, Ky Single Zone State Plane Coordinates of North 3767869.88 feet, East, 5721276.47 feet and Elevation of 1325.74 feet and also being approximately 170 feet Southeast of the ridge and the property line between Stephen E. Howard, et al (Book 200 page 193) and Darvin Allen (Book 150 page 188); thence severing a lot from the property of Stephen E. Howard et al by running North 51 deg 18 min 30 sec East, 100.03 feet to a set iron pin with cap marked ls2259 at the base of the highwall; thence running South 38 deg 37 min 18 sec East, 99.87 feet to a set iron pin with cap marked ls2259 at the base of highwall slope; thence across the bench South 51 deg 16 min 49 sec West, 99.93 feet to a set iron pin with cap marked ls2259 on the mine bench; thence running North 38 deg 41 min 17 sec West, 99.92 feet to the beginning. Containing a calculated area of 9987 sq ft or 0.23 acres.

This survey was performed on December 14, 2015 by James W. Caudill, a Kentucky Licensed Professional Land Surveyor No. 2259.



*James W. Caudill*  
James W. Caudill, PLS #2259  
12-14-15

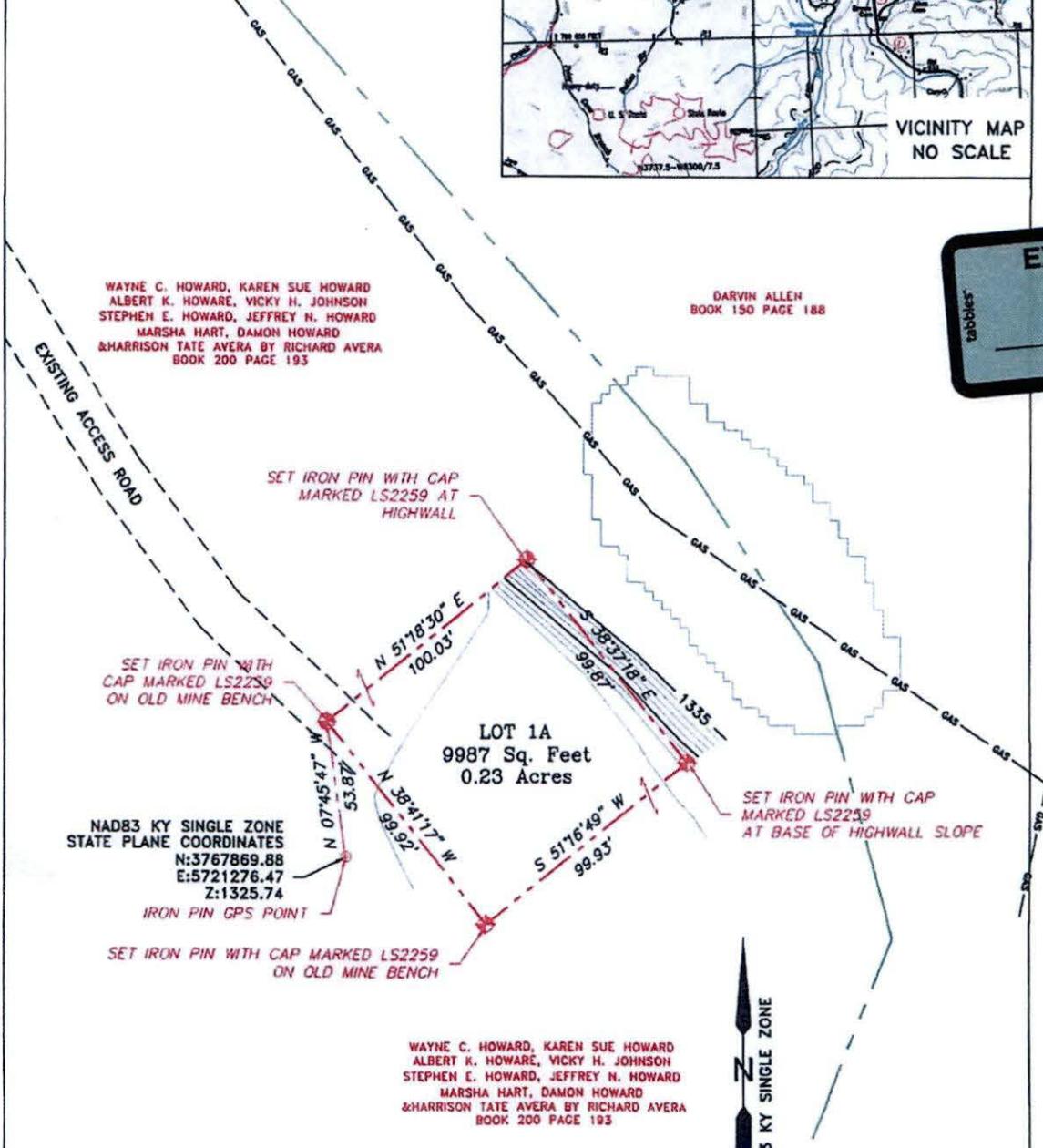
Beginning at a set iron pin on mine bench;  
 thence N 51°18'30" E a distance of 100.04' to ipc;  
 thence S 38°37'18" E a distance of 99.87' to ipc;  
 thence S 51°16'49" W a distance of 99.93' to ipc;  
 thence N 38°41'17" W a distance of 99.92' to ipc;  
 which is the point of beginning,  
 having an area of 9987 square feet, 0.229 acres



**EXHIBIT**  
 B

WAYNE C. HOWARD, KAREN SUE HOWARD  
 ALBERT K. HOWARD, VICKY H. JOHNSON  
 STEPHEN E. HOWARD, JEFFREY N. HOWARD  
 MARSHA HART, DAMON HOWARD  
 & HARRISON TATE AVERA BY RICHARD AVERA  
 BOOK 200 PAGE 193

DARVIN ALLEN  
 BOOK 150 PAGE 188



NAD83 KY SINGLE ZONE  
 STATE PLANE COORDINATES  
 N:3767869.88  
 E:5721276.47  
 Z:1325.74  
 IRON PIN GPS POINT

WAYNE C. HOWARD, KAREN SUE HOWARD  
 ALBERT K. HOWARD, VICKY H. JOHNSON  
 STEPHEN E. HOWARD, JEFFREY N. HOWARD  
 MARSHA HART, DAMON HOWARD  
 & HARRISON TATE AVERA BY RICHARD AVERA  
 BOOK 200 PAGE 193

**SURVEY STA SET FOUND**  
 IRON PIN WITH CAP (1/8" X .5" REBAR PLASTIC CAP MARKED LS2259)  
 BOUNDARY LINE  
 ACCESS ROAD  
 PARENT TR LINE



STATE OF KENTUCKY  
 JAMES W. CAUBILL  
 LS 2259  
 LICENSED PROFESSIONAL LAND SURVEYOR

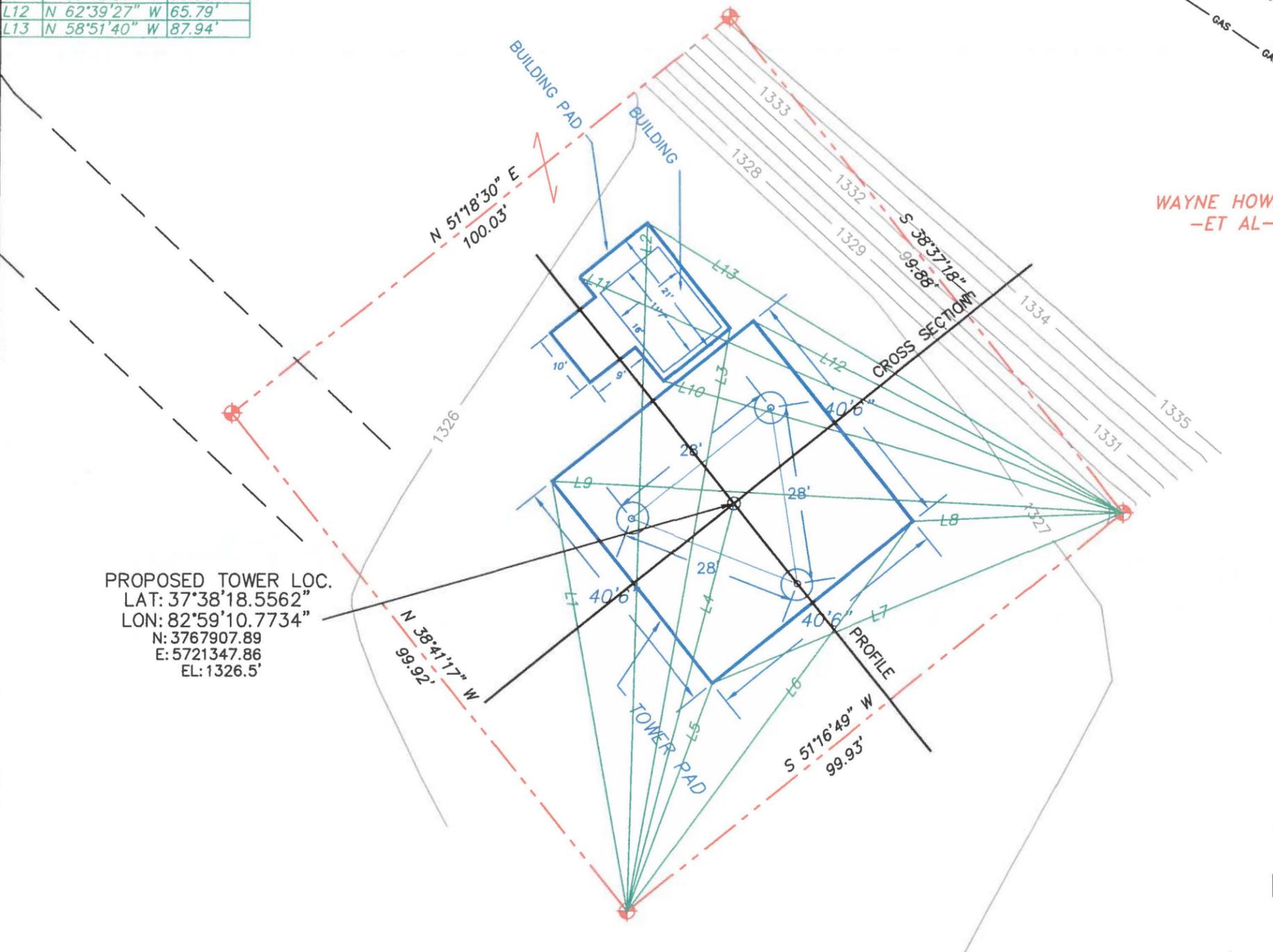
RURAL CLASS SURVEY  
 I HEREBY CERTIFY THAT THIS PLAT DEPICTS A SURVEY, MADE BY ME, BY THE METHOD OF RANDOM TRAVERSE. THE BEARINGS SHOWN HEREON HAVE NOT BEEN ADJUSTED FOR CLOSURE. THIS SURVEY AND PLAT MEETS OR EXCEEDS THE MINIMUM STANDARDS OF GOVERNING AUTHORITIES. THE UNADJUSTED ERROR OF CLOSURE WAS 1 IN 10120

James W. Caubill 2259 12-14-15  
 NAME PLS# DATE

PLAT OF SURVEY		
<b>DRAWN BY</b> JWC	<b>SURVEY DATE</b> 12/14/15	<b>SUB DIVISION</b> PROPERTY OF STEPHEN E. HOWARD AND OTHERS 13120 S.E. LICKING RIVER RD SALYERSVILLE, KY 41465 LOC. OFF HWY 7 IN MAGOFFIN CO DEED BOOK 200 PAGE 193
<b>CHECKED BY</b> JWC	<b>DRAWING DATE</b> 12/14/15	
<b>SCALE</b> 1" = 50'	<b>SHEET</b> 1 OF 1	SURVEYED BY JAMES W. CAUBILL LS2259 2999 PERKINS/MADDEN ROAD AMBURGEE, KY 41773 PHONE 606-642-3217

LINE	BEARING	DISTANCE
L1	N 10°10'12" W	68.47'
L2	N 01°25'37" E	108.01'
L3	N 09°48'00" E	92.94'
L4	N 14°28'35" E	66.12'
L5	N 20°17'23" E	38.16'
L6	N 36°16'06" E	75.80'
L7	S 67°34'32" W	70.02'
L8	S 87°35'57" W	33.15'
L9	N 86°53'15" W	90.18'
L10	N 74°08'50" W	75.50'
L11	N 66°42'31" W	93.50'
L12	N 62°39'27" W	65.79'
L13	N 58°51'40" W	87.94'

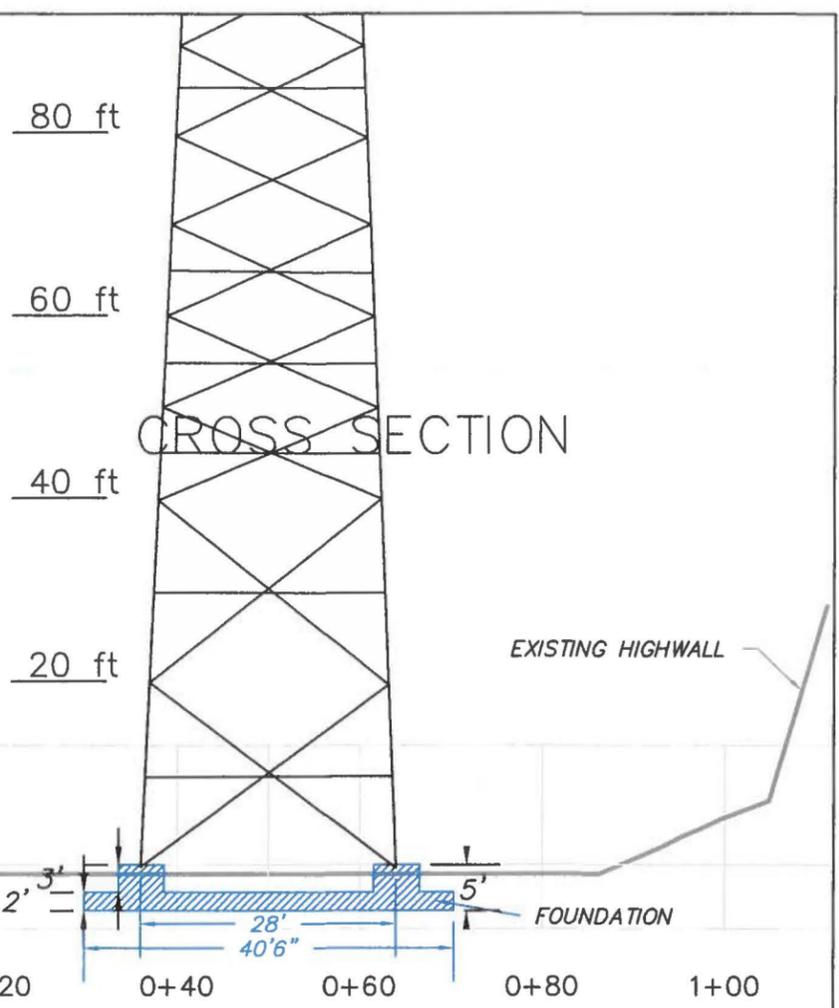
APPALACHIAN WIRELESS  
 101 TECHNOLOGY TRAIL  
 IVEL, KY. 41642  
 PROPOSED TOWER  
 NEAR GALDIA IN MAGOFFIN COUNTY



PROPOSED TOWER LOC.  
 LAT: 37°38'18.5562"  
 LON: 82°59'10.7734"  
 N: 3767907.89  
 E: 5721347.86  
 EL: 1326.5'

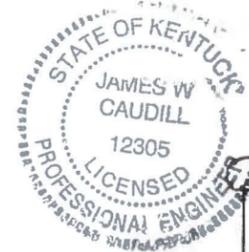
DARVIN ALLEN

WAYNE HOWARD  
 -ET AL-



-THE PROPOSED TOWER HAS BEEN LOCATED USING DUAL FREQUENCY GPS UNIT PROCESSED BY "OPUS"  
 -STATE PLANE COORDINATES NAD 83 KY SINGLE ZONE N: 3767907.89'E: 5721347.86'EL 1326.5' EXISTING GR PLAN- FOUNDATION EL1327.0'-TOP TOWER EL 1627.0'  
 -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 12305 12-22-15  
 JAMES W. CAUDILL PE# DATE



SURVEY STA SET FOUND   
 IRON PIN WITH CAP (18" X .5" REBAR PLASTIC CAP MARKED LS2259)  
 BOUNDARY LINE   
 ACCESS ROAD   
 PARENT TR LINE

N  
 NAD83 KY SINGLE ZONE



PROPOSED SITE PLAN AND STRUCTURE LOCATION GALDIA TOWER APPALACHIAN WIRELESS		
DRAWN JWC	DATE 12/22/15	GALDIA TOWER WAYNE HOWARD ET AL
APPROVED	DATE	OFF HIGHWAY 7, LICKING RIVER MAGOFFIN CO
SCALE 1" = 20'	SHEET 2 OF 3	PROJECT NO. GALDIA/GLSITEPLAN20

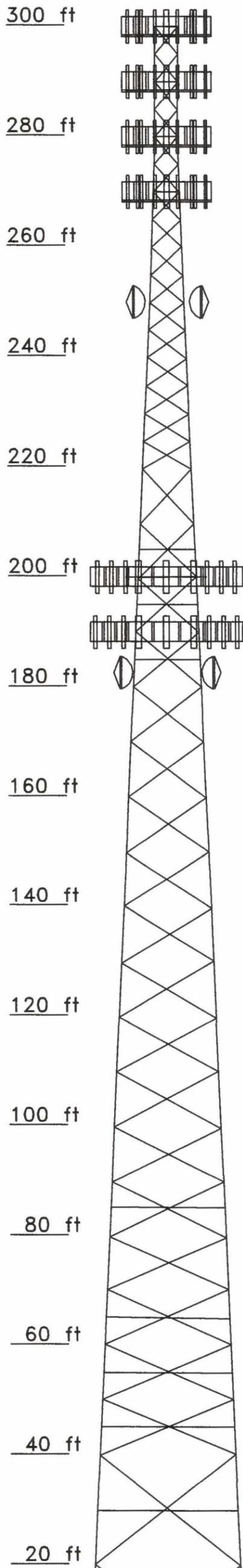
Application  
CONTAINS  
LARGE OR OVERSIZED  
MAP(S)

RECEIVED ON:  
3/10/16

# APPALACHIAN WIRELESS

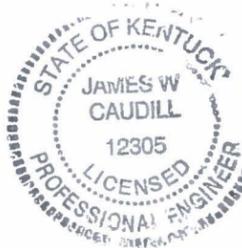
101 TECHNOLOGY TRAIL  
IVEL, KY. 41642

PROPOSED TOWER SITE  
GALDIA IN MAGOFFIN CO.



## PROFILE WITH TOWER

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.

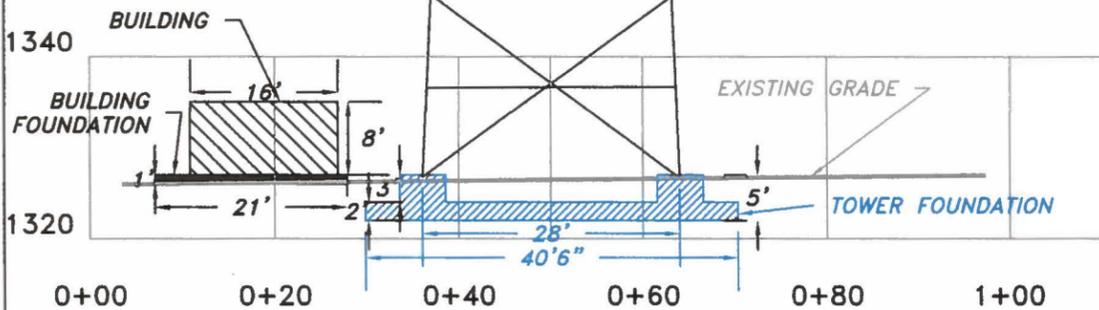


*James W. Caudill* 12305 12-22-15  
 JAMES W. CAUDILL PE #. DATE

NOTE: SEE FOUNDATION DRAWINGS FOR DETAILS

12/22/15

SCALE 1" = 20'



### PROPOSED SITE PLAN AND STRUCTURE LOCATION GALDIA TOWER APPALACHIAN WIRELESS

<b>DRAWN</b> JWC	<b>DATE</b> 12/22/15	GALDIA TOWER WAYNE HOWARD, ET AL TR NEAR LICKING FORK IN MAGOFFIN COUNTY
<b>APPROVED</b>	<b>DATE</b>	
<b>SCALE</b> 1" = 20'	<b>SHEET</b> 3 OF 3	<b>PROJECT NO.</b> GALDIA/GLPRO20