

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION
CASE NO. 2009-00384

RECEIVED

JAN 14 2010

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICANT: EAST KENTUCKY NETWORK, LLC d/b/a APPALACHIAN
WIRELESS

INTERVENOR: MANCHESTER RENTALS, LLC

NOTICE OF FILING

Comes the Applicant, East Kentucky Network, LLC d/b/a Appalachian Wireless ("EKN"), and hereby gives notice of its filing of the attached documents:

1. Diagram of Tower by Chi S. Lee, PE, dated September 1, 2009; and
2. Ground line profile of the Manchester North Tower Site: a) Sheet 1; b) Sheet 2.

This filing is made pursuant to the Intra-Agency Memorandum issued herein January 12, 2010.

Further in compliance with said Memorandum, the Applicant, EKN, states that based upon its investigation of the area, the proposed site offered the best cellular coverage for the targeted area as described in the Application with as little impact as practical upon nearby tracts of land, and that there are no other suitable sites that are reasonably available to meet coverage requirements. See attached Memorandum at #3.

The above comes after several on-site inspections by EKN and its engineer, J.W. Caudill, P.E., RLS.

This 13th day of January, 2010.

FRANCIS, KENDRICK & FRANCIS



William S. Kendrick

P.O. Box 268

Prestonsburg, Kentucky 41653

606/886-2812 - Telephone

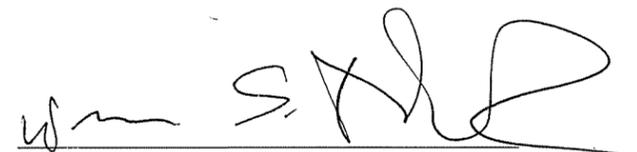
606/886-8833 - Facsimile

CERTIFICATE OF SERVICE

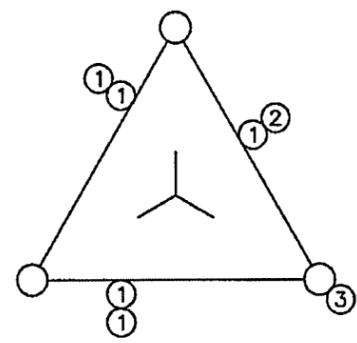
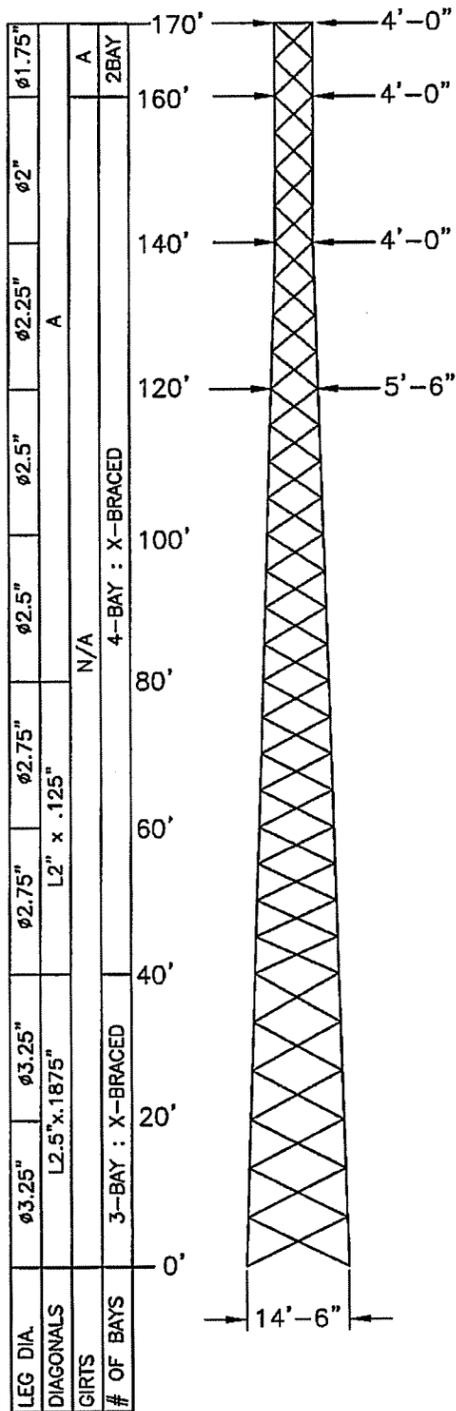
The parties hereto will please take notice that the foregoing has been served, by mail, upon the following, this 13 day of January, 2010:

Hon. Joseph C. White
Counsel for Manchester Rentals, LLC
303 Main Street
Manchester, KY 40962

Hon. Tiffany Bowman
Staff Attorney
Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40602-0615

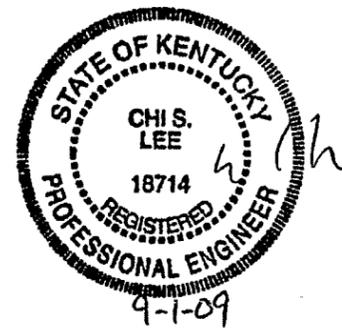


William S. Kendrick



PLAN VIEW REF:
 1) (7) FEEDLINES
 2) (3) FEEDLINES
 3) STEP BOLTS

BASE REACTIONS:
 TOTAL SHEAR = 18 KIPS
 AXIAL LOAD = 27 KIPS
 UPLIFT / LEG = 144 KIPS
 COMP. / LEG = 162 KIPS
 O.T. MOMENT = 1920 FT-K



DESIGN NOTES:
 1) ALL LEGS ARE SOLID ROUND ASTM A-572 GRADE : Fy ≥ 50 KSI.
 2) ALL BRACE MATERIAL IS ASTM A-36 : Fy ≥ 36 KSI.
 3) ALL BRACE AND FLANGE BOLTS ARE A325-X
 4) (6) Ø1.25" x 6'-0" LONG (A-36) ANCHOR BOLTS PER LEG.
 5) THIS TOWER IS DESIGNED FOR A 70 M.P.H. WIND SPEED AND 0.5" OF ICE (WITH REDUCTION) IN ACCORDANCE WITH THE TIA/EIA-222-F STANDARD.

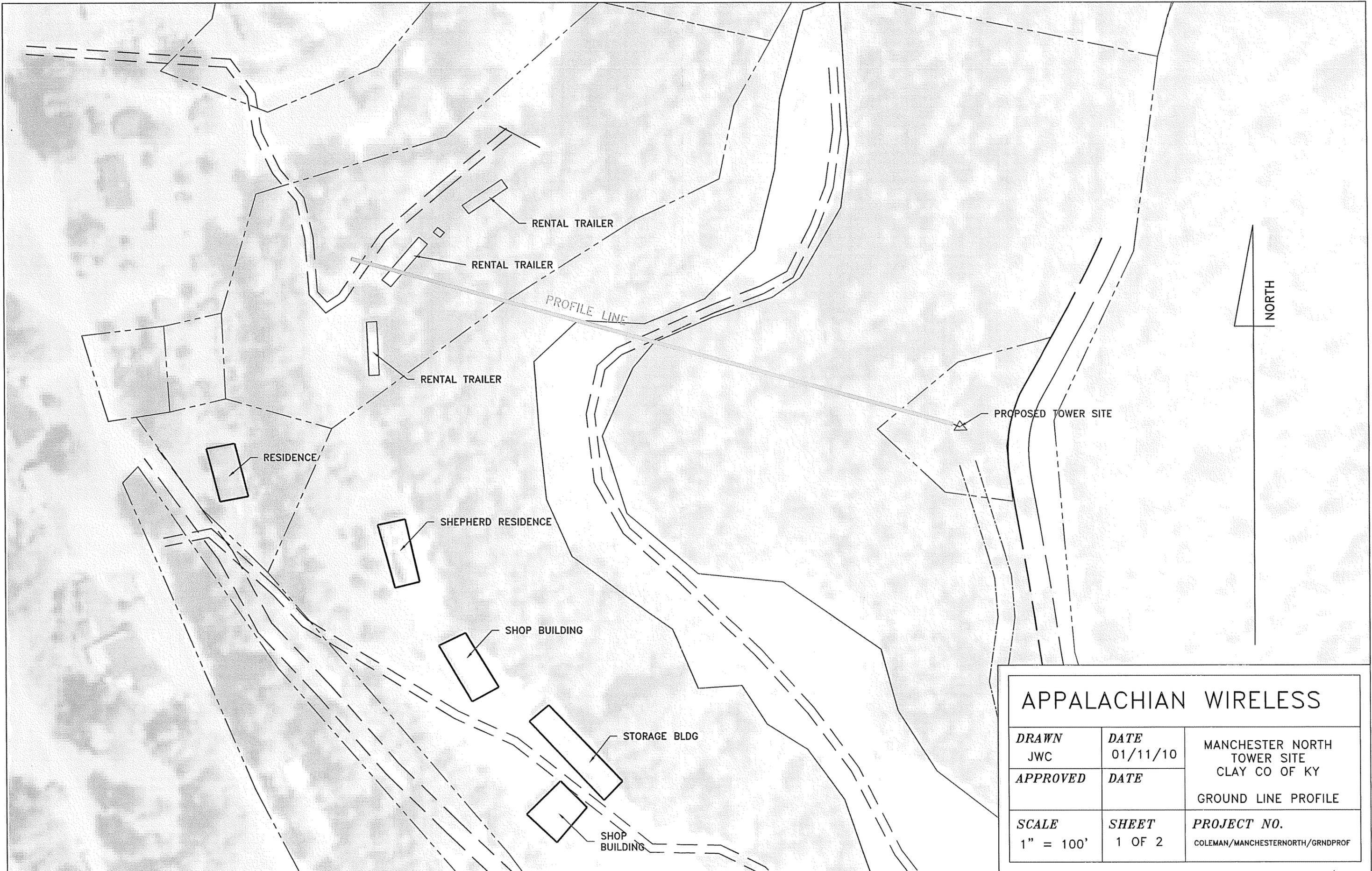
ELEV.	FEEDLINES
170'	(12) 1.625"
160'	(12) 1.625"
150'	(12) 1.625"
140'	(1) 1.625"
130'	(1) 1.625"

---SEE PLAN VIEW FOR FEEDLINE DISTRIBUTION
 ---STEP BOLTS UTILIZED FOR CLIMBING WITH SAFETY CLIMB DEVICE



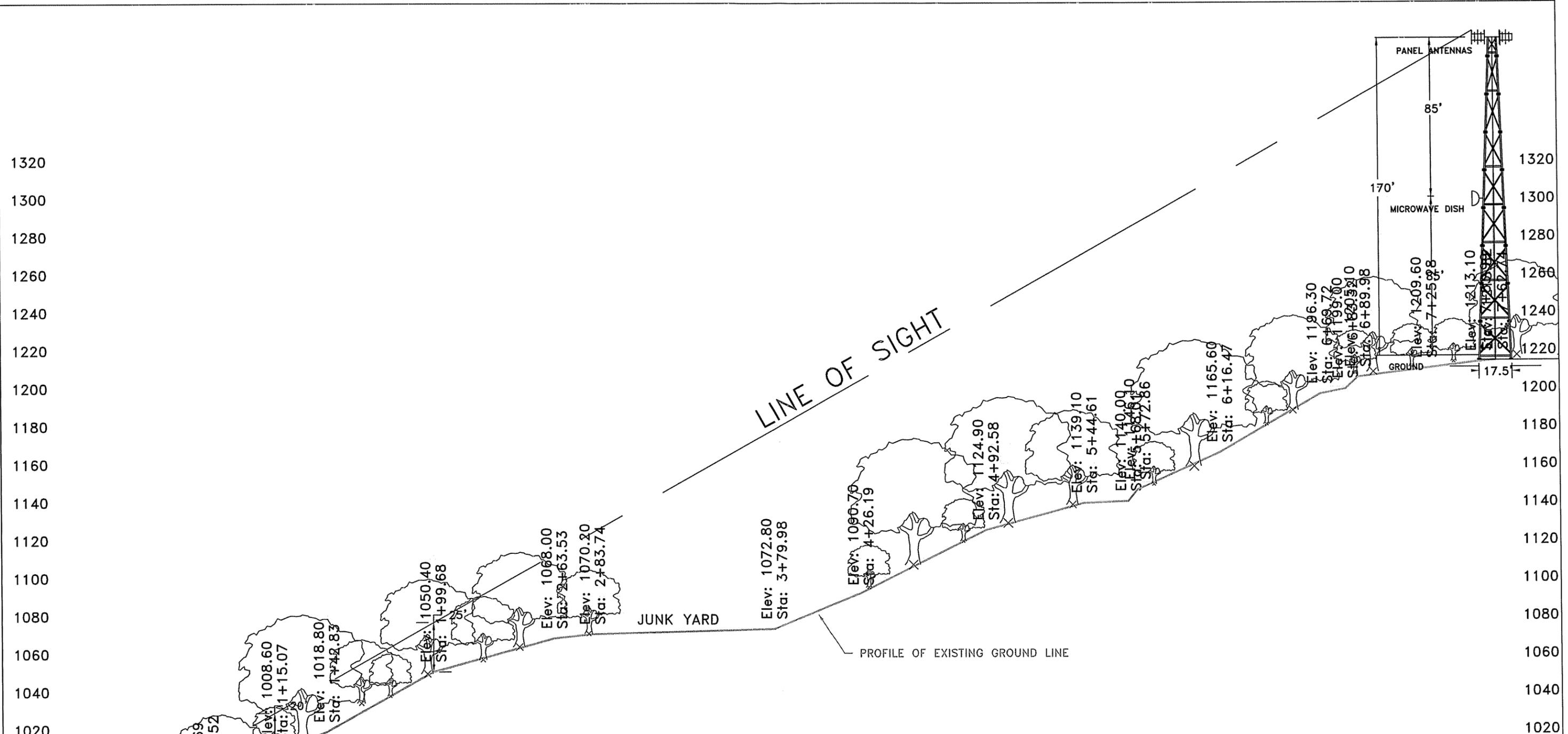
P.O. BOX 25
 HENDERSON, KY 42419
 PHONE: (270) 830-8512
 FAX: (270) 830-8475

SCALE: N.T.S.	PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.	
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	CUSTOMER: APPALACHIAN WIRELESS	DRAWN BY: J.B.
APPROX. WEIGHT 15.28 KIPS	DESCRIPTION: 170' SELF SUPPORT TOWER	DATE: 08/31/2009
	LOCATION: CLAY COUNTY, KY	REV: REV. NO.
	SITE: MANCHESTER NORTH	REV. DATE: REV. DATE
	PROPOSAL #: AB196B - TOWER DESIGN	JOB NO. AF40921
		SHEET A



APPALACHIAN WIRELESS		
<i>DRAWN</i> JWC	<i>DATE</i> 01/11/10	MANCHESTER NORTH TOWER SITE CLAY CO OF KY
<i>APPROVED</i>	<i>DATE</i>	
<i>SCALE</i> 1" = 100'	<i>SHEET</i> 1 OF 2	GROUND LINE PROFILE
		<i>PROJECT NO.</i> COLEMAN/MANCHESTERNORTH/GRNDPROF

(2a)



APPALACHIAN WIRELESS		
<i>DRAWN</i> JWC	<i>DATE</i> 01/11/10	MANCHESTER NORTH TOWER SITE CLAY CO OF KY
<i>APPROVED</i>	<i>DATE</i>	
<i>SCALE</i> 1" = 50'	<i>SHEET</i> 2 OF 2	<i>PROJECT NO.</i> COLEMAN/MANCHESTERNORTH/GRNDPROF

(2b)

**MEMORANDUM REGARDING MANCHESTER NORTH TOWER SITE
CASE NO. 2009-00384**

In choosing the Manchester North Site these goals are required.

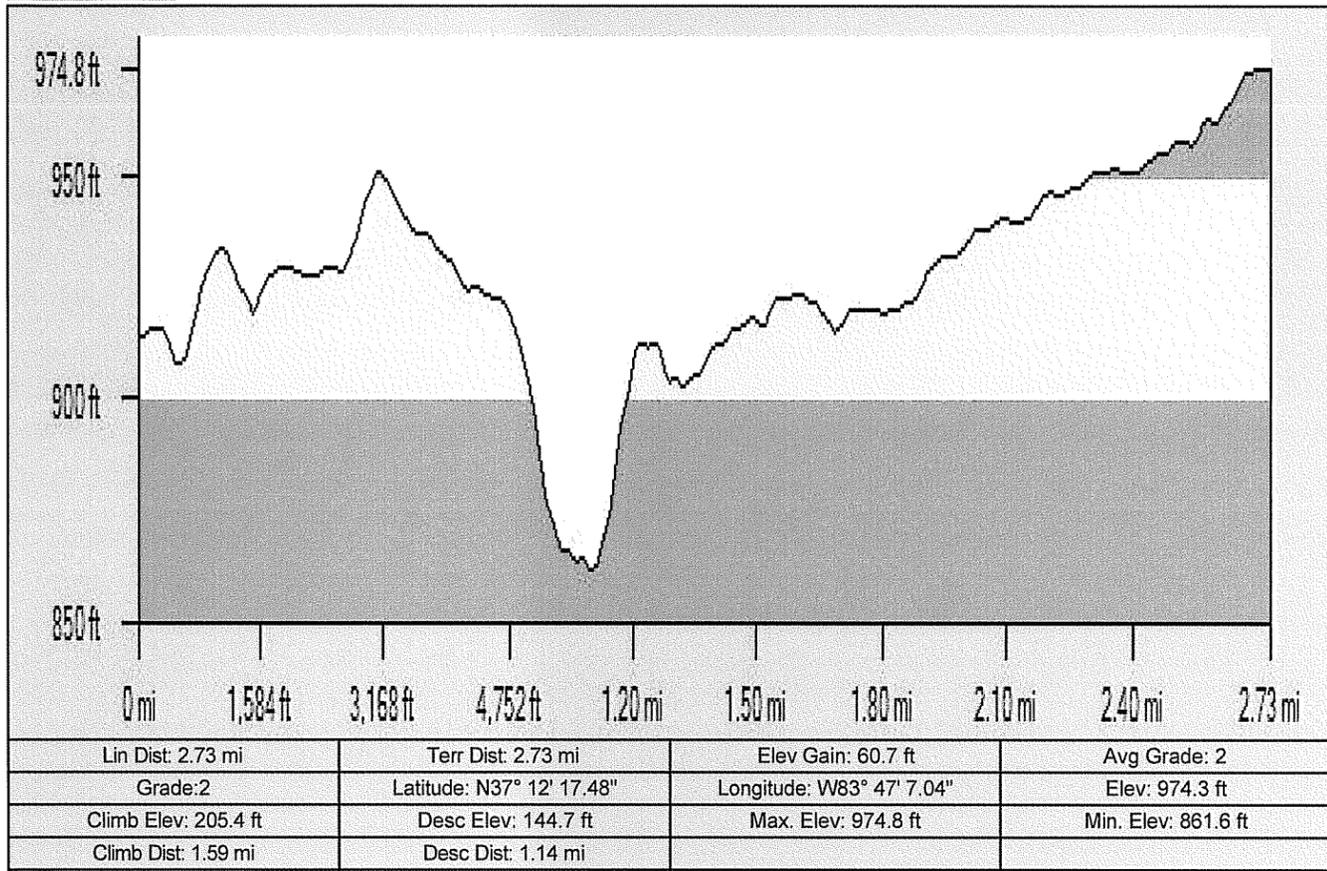
1. Provide seamless coverage along Hwy 421 from where the Manchester Site stops and as far North on Hwy 421 as it could provide.
2. Have inside coverage to the Clay County High School.
3. Have as much coverage to the federal prison facility as EKN could provide.

The Manchester North site meets all of these goals. Alternate Site #1 on the map would have very little coverage North on Hwy. 421 . Alternate Site #2 also would have very little coverage on Hwy. 421 North. At the time we were looking at Alternate Sites #1 and #2 the property was also tied up in a bankruptcy court. Alternate Site #3 has a large power line that took up most of the usable property.

Attached is a profile of Hwy. 421 showing a dip in the road at the mouth of Bowling Br. This is a very difficult area to have seamless coverage at 1900 MHZ if the tower is not placed correctly and again Manchester North meets this need.

Manchester North is one of three other sites that is needed to meet the public need for coverage along Hwy. 421 between Manchester and McKee. This includes residents, businesses, education institutions, government services, emergency responders, fire protection and law enforcement.

Attachments: 1) Alternate Site Map
2) Highway 421 Coverage Profile



Data use subject to license
 © 2004 DeLorme. Topo USA® 5.0.
 www.delorme.com