FOR THE PUBLIC RECORD

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION FRANKFORT, KENTUCKY

IN THE MATTER OF:

APPLICATION OF SHARED SITES WV, LLC.
AND AMERICAN CELLULAR CORPORATION
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC
CONVIENENCE AND NECESSITY TO CONSTRUCT
A WIRELESS COMMUNICATIONS FACILITY AT
5072 RUSSELL SPRINGS ROAD
COLUMBIA, KENTUCKY 42728
IN THE WIRELESS COMMUNICATIONS LICENSE AREA
IN THE COMMONWEALTH OF KENTUCKY
IN THE COUNTY OF ADAIR

PECEIVED

FEB 21 2007

PUBLIC SERVICE
COMMISSION

Case No. 7007000 59

SITE NAME:

CRAYCRAFT

SITE NUMBER:

Shared Sites WV, LLC. As ultimate owner, and American Cellular Corporation, as a licensed public utility in the commonwealth of Kentucky, make this application.

The property on which the Wireless Communications Facility ("WCF") will be built is located at 5072 Russell Springs Road, Columbia, Kentucky 42728. The WCF site is geographically positioned at 37° 04′ 40.72" North latitude, 85° 13′ 22.61" West longitude.

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION FRANKFORT, KENTUCKY

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IN THE COUNTY OF ADAIR

SITE NAME:

CRAYCRAFT

SITE NUMBER:

UNIFORM ARREICATION-CONFIDENTIAL AND PROPRIETARY

Shared Sites WV, LLC. ("Shared Sites"), as ultimate owner, and American Cellular Corporation ("Provider") as a licensed public utility in the Commonwealth of Kentucky, hereinafter jointly referred to as "Applicants", respectfully submit their Application for a Certificate of Public Convenience and Necessity from the Public Service Commission to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Provider with wireless and telecommunications services, and other wireless service provider collocations in the area described herein.

In support of this Application, the Applicants respectfully provide and state the following information:

1. The complete names and addresses of the Applicants are:

Shared Sites WV, LLC., a Kentucky Limited Liability Company, having a mailing address of 1390 Chain Bridge Road #40, McLean, Virginia 22101 (703) 893-0806.

American Cellular Corporation, a Delaware Corporation, 3910 South Ave. Youngstown, OH 44512, 73134 having a local address of 124 South Keeneland Drive, Suite 1, Richmond, KY 40475, (606) 544-2355.

- 2. Shared Sites constructs, owns, manages, maintains, and operates independent communications networks. Shared Sites owns and manages safe, clean and well maintained facilities. Shared Sites facilities do not generate smoke, odors, noise, noxious gases, vibrations, or traffic increase. Shared Sites facilities will not pollute air, soil, or water, nor will they adversely affect radio or television reception or transmission. A certified copy of the Certificate of a Limited Liability Company issued by the Secretary of State of the State of West Virginia and a copy of the Certificate of Authorization which was issued by the Secretary of State of the Commonwealth of Kentucky for Shared Sites WV, LLC. are attached or described as part of Exhibit A. A copy of the Certificate of Authorization issued by the Secretary of State of the Commonwealth of Kentucky and a copy of the Certificate of Merger issued by the Secretary of State of the State of the State of Delaware for the Provider are attached or described as part of Exhibit B.
- 3. After completion of the proposed WCF, Shared Sites will lease or license space on said tower and the surrounding site so the Provider may locate and operate its facility including all required antennas and appurtenances. The proposed WCF will serve an area completely within the Provider's Federal Communications Commission ("FCC")

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licensed service area in the Commonwealth of Kentucky. The Provider is authorized to provide wireless service by the FCC and the PSC. A copy of the Provider's FCC license to provide wireless service is attached to this Application or described as part of **Exhibit C**. Shared Sites has located the proposed site in a manner such that other wireless communications service providers will desire to collocate on said tower, and will endeavor to provide all necessary facilities to make collocation attractive to them.

- 4. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring the Provider's services to an area currently not served or not adequately served by the Provider and will thereby enhance the public's access to innovative and competitive wireless telecommunications services. The WCF will provide a necessary link in the Provider's telecommunications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications licensed area. The WCF is an integral link in the Provider's network design that must be in place to cover the proposed service area.
- 5. Shared Sites' construction of the described WCF is desirable because it allows for the collocation of additional wireless service providers within this portion of the Kentucky wireless communications licensed area. These services may include telecommunications, wireless data transfer and internet services, wireless cable, paging systems, 911 service, and other new products currently being developed in the wireless industry. In addition, the WCF will be available for use by governmental agencies and providers of emergency services. The WCF will provide a necessary link in Shared Sites' and the Provider's wireless infrastructure networks, and Shared Sites, as part of it's business structure, will diligently pursue and encourage other wireless providers to collocate on the WCF. These services will provide increased competition in the in the local

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Kentucky telecommunications market, which will, in turn, promote competitive pricing, quality, and coverage options to users of telecommunications services in this area. Shared Sites' vested interest in the collocation of wireless service providers promotes the same goals for the local consumers.

- The Applicants propose to construct a WCF at 5072 Russell Springs Road, Columbia, Kentucky 42728 (37° 04' 40.72" North latitude, 85° 13' 22.61" West longitude). In an area located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is owned by Mary Sexton. The proposed WCF will consist of a 250 foot guyed tower with an approximately 6-foot lightning arrester attached to the top, for a total height of 256 feet. The WCF will also include concrete foundations to accommodate the placement of the Provider's proprietary radio electronics equipment. The equipment will be housed in a prefabricated cabinet or shelter that will contain: (i) the transmitting and receiving equipment required to connect the WCF with the Provider's users in Kentucky, (ii) telephone lines that will link the WCF with the Provider's other facilities, (iii) battery back-up that will allow the Provider to operate even after a loss of outside power, and (iv) all other necessary appurtenances. The Provider's equipment cabinet or shelter will be approved for use in the commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as Exhibit D and Exhibit E. Periodic inspections will be performed on the WCF in accordance with the applicable regulations or requirements of the PSC. The list of competing utilities, corporations, or persons is attached as Exhibit F.
- 7. Reduced copies of the site development plan have been included as **Exhibit**D and **Exhibit E** of this application. A vertical profile sketch of the WCF signed and sealed

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by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the provider and future antenna mounts, has also been included as part of **Exhibit E**. Typical foundation design plans and a description of the standards according to which the tower was/shall be designed signed and sealed by a professional engineer registered in Kentucky is included as part of **Exhibit D**.

- 8. The Applicants have considered the likely effects of the installation of the proposed WCF on nearby land uses and values and have concluded there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to collocate. The Applicants have attempted to collocate on suitable existing structures such as telecommunications towers or other suitable structures capable of supporting the Provider's facilities. No other suitable and available collocation site was found to be located in the vicinity of the site. Information regarding the Applicants' efforts to achieve collocation in the vicinity are presented as **Exhibit G**.
- 9. The Applicants have conducted a preliminary aeronautical evaluation for the proposed WCF. The evaluation determined that the proposed structure height at this site meets Federal Aviation Administration ("FAA") Regulation requirements. Furthermore, FAA notice is required for the proposed construction, and lighting or marking requirements may be applicable to this facility. A copy of the FAA Application is attached as **Exhibit H**. Upon receiving a "Determination" from the FAA, the Applicants will forward a copy as a supplement to this Application Proceeding
- 10. A copy of the Kentucky Airport Zoning Commission ("KAZC") Application for the proposed WCF is attached as **Exhibit I**. Upon receiving authorization from the KAZC,

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the Applicants will forward a copy of the determination as a supplement to this Application Proceeding

- 11. The WCF will be registered with the FCC pursuant to applicable federal requirements. Appropriate required signage will be posted on this site upon receipt of the tower registration number.
- 12. A geotechnical-engineering firm has performed soil boring(s) and subsequent geotechnical-engineering studies at the WCF site under the supervision of a professional engineer registered in the Commonwealth of Kentucky who specializes in geotechnical engineering, including subsurface exploration. The geotechnical-engineering firm has performed many such studies for the communications industry. A copy of the geotechnical-engineering report and evaluation signed and sealed by a professional engineer registered in the Commonwealth of Kentucky who specializes in geotechnical engineering, including subsurface exploration, is attached as **Exhibit J**. The name and address of the geotechnical-engineering firm and the professional engineer registered in the Commonwealth of Kentucky who supervised the examination of this WCF site are included in **Exhibit J**.
- 13. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit K**. The name and address of the preparer of **Exhibit K** is included in **Exhibit K**.
- 14. Shared Sites, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement or an abbreviated agreement recorded with the County Clerk is attached as **Exhibit L**. Also included as part of **Exhibit L** is the portion of the full agreement demonstrating that in the case of abandonment a method is provided to dismantle and remove the cellular antenna tower.

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- 15. Personnel directly responsible for the design and construction of the proposed WCF are well-qualified and experienced. World Tower Company, Inc. (the Tower Manufacturer) performed/shall perform the tower and foundation design. Manufacturer is a nationally recognized manufacturer and designer of communication The Tower Manufacturer has designed and installed communications towers The Tower Manufacturer has assigned Peter Jernigan, a throughout North America. professional engineer registered in the commonwealth of Kentucky to design the Tower for the WCF. This engineer specializes in the design and engineering of guved, self support and monopole structures, and has extensive experience in the design and construction of projects similar to the Applicants'. These projects include the design of towers and the required foundations of many other wireless facilities. All of the designs have been/will be signed and sealed by Peter Jernigan or Kirk Hall. The construction of the proposed WCF will be performed by Shared Sites or their agents who are insured and experienced tower erection specialists. The Project Manager, David Jantzi, will manage the construction of the WCF and the tower erection. David has been erecting towers for the telecommunications industry for over 15 years. All tower designs will meet or exceed applicable laws and regulations.
- 16. Based on a review of Federal Emergency Management Agency Flood Insurance Rate Maps, the registered land surveyor has certified in **Exhibit M** that the proposed WCF is not located within any flood hazard area.
- 17. The possibility of high winds has been considered in the design of this tower. The tower has been designed and engineered by professional engineers using computer assistance and the same accepted codes and standards as are typically used for high-rise building construction. The tower has been designed to withstand a wind loading of 70

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m.p.h. with ½ inch of radial ice. This tower has been designed in accordance with the Electronic Industries Association ("EIA") 222-F 1996 Standards, which have been accepted and approved by ANSI and is a nationally recognized tower design standard. Similarly, the proposed WCF design has been developed with consideration of potential ground shaking based on a negligible seismic zone of 1. Seismic loading is regarded as secondary to the wind loading.

- 18. The site development plan signed and sealed by a professional engineer registered in Kentucky was prepared by David B. Sharp, and was designed from a survey performed by Mike McKinney. This site development plan is drawn to a scale of no less than one (1) inch equals 200 feet, and identifies every owner of real estate within 500 feet of the proposed tower (according to the Property Valuation Administrator) and is incorporated in the survey as part of **Exhibit E**. Every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system is incorporated in the survey as part of **Exhibit E**.
- 19. Shared Sites, on behalf of itself and the Provider, has notified every person who owns property within 500 feet of the proposed tower by certified mail, return receipt requested, of the proposed construction. Each property owner has been informed of their right to request intervention. A list of the nearby property owners who received the notices, together with copies of the certified letters, are attached as **Exhibit N** and **Exhibit O**, respectively.
- 20. Shared Sites, on behalf of itself and the Provider, has notified the Adair County Judge Executive by certified mail, return receipt requested, of the proposed construction. This notice informed the Adair County Judge Executive of his/her right to request intervention. A copy of this notice is attached as **Exhibit P**.

- 21. Two appropriate notice signs measuring at least two (2) feet in height and four (4) feet in width with all required language in letters of required height have been posted in a visible location on the proposed site and on the nearest public road and shall remain posted for at least two (2) weeks after filing of the Application. Copies of the postings are attached as **Exhibit Q**. The location of the proposed facility has been published in a newspaper of general circulation in the county where the WCF is located.
 - 22. The property where WCF is proposed to be constructed is not zoned.
- 23. The process that was used in selecting the site for the proposed WCF by the Applicants' radio frequency engineers was consistent with the process used for selecting generally all other existing and proposed WCF facilities within the proposed network design Before beginning the acquisition process, the Applicants carefully evaluated the location of the required WCF for possible collocation opportunities on existing structures. Radio Frequency Engineers used computer programs to evaluate the most effective coverage design for facilitating collocation potential on the proposed tower. Shared Sites and the Provider's radio frequency engineers have combined their efforts in order to develop a highly efficient network that is designed to serve the Federal Communications Commission licensed territory without extending beyond the Provider's approved boundary. The engineers selected the optimum vicinity in terms of elevation and location to provide the best quality service to customers in the service area. A proposed coverage area was considered by the Applicants when searching for sites that would provide both (i) the coverage deemed necessary by the Provider, and (ii) the coverage deemed necessary by Shared Sites to permit the integration of the proposed WCF into Shared Sites' overall network design. No suitable towers or existing structures were found in the immediate area

which would meet the technical requirements for this element of the telecommunications network. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site, pursuant to radio frequency requirements, be located is attached as **Exhibit R**.

- 24. A grid map showing the location of all existing cellular antenna towers that includes the general position of proposed construction sites for new cellular antenna towers within the Commission's jurisdiction and one-half mile outside the boundary of the planning unit's jurisdiction if that area contains either existing or proposed construction sites for cellular antenna towers is attached as **Exhibit S**.
- 25. All Exhibits to this application are hereby incorporated by reference as if fully set out as part of the Application.

26. All responses and requests associated with this Application may be directed

to:

David Jantzi Boulevard Properties, LLC 7383 Utica Blvd. Lowville, NY 13367 Telephone: (315) 523-6258

And

Kamal Doshi Shared Sites WV, LLC 1390 Chain Bridge Road #40 McLean, VA 22101 Wherefore, the applicants respectfully request that the PSC accept the foregoing Application for filing and having met the requirements of KRS 278.020 and all applicable rules and regulations of the PSC, grant a Certificate of Public Convienence and Necessity to construct and operate the WCF at the location set forth herein for the respective networks in the commonwealth of Kentucky.

Respectfully submitted,

Kamal Doshi

Shared Sites WV, LLC 1390 Chain Bridge Road #40

McLean, Virginia 22101

Telephone: (703) 893-0806

And

Timothy J. Duffy

Chief Technical Officer / Senior Vice President

Network Operations & Engineering

American Cellular Corporation

14201 Wireless Way

Oklahoma City, OK 73134

(405) 529-8660

LIST OF EXHIBITS

- A. Certificate of LLC from the State of West Virginia and copy of application for Certificate of Authority to the State of Kentucky for Shared Sites WV, LLC.
- B. Certificate of Authorization from the State of Kentucky and Certificate of Merger for American Cellular Corporation
- C. Copy of FCC license for American Cellular Corporation
- D. Tower and Foundation Plan and Letter of Certification from Tower Manufacturer
- E. Site Development Plan:

Vicinity Map
Property Owner Listing
500' Vicinity Map
Legal Descriptions
Site Plan
Vertical Tower Profile

- F. Competing Utilities, Corporations, or Persons List
- G. Collocation Report
- H. Application to FAA
- I. Application to Kentucky Airport Zoning Commission
- J. Geotechnical report
- K. Directions to WCF Site
- L. Copy of Real Estate Agreement
- M. Flood Plain Certification
- N. Certification of Notification
- O. Copy of Property Owner Notification
- P. Copy of County Judge Executive Notice
- Q. Copy of Posting Notices
- R. Copy of Radio Frequency Design Search Area
- S. Tower Map for Subject County

EXHIBIT A

CERTIFICATE OF LLC FROM THE STATE OF WEST VIRGINIA

AND

CERTIFICATE OF AUTHORITY FROM THE COMMONWEALTH OF KENTUCKY

FOR SHARED SITES, LLC





I, Betty Ireland, Secretary of State of the State of West Virginia, hereby certify that

SHARED SITES WV, LLC

Control Number: 90252

has filed its "Articles of Organization" in my office according to the provisions of West Virginia Code §§31B-2-203 and 206. I hereby declare the organization to be registered as a limited liability company from its effective date of December 20, 2006 until the expiration of the term or termination of the company.

Therefore, I hereby issue this

CERTIFICATE OF A LIMITED LIABILITY COMPANY



Given under my hand and the Great Seal of the State of West Virginia on this day of December 20, 2006

Detty Treland

Secretary of State

Commonwealth of Kentucky Trey Grayson Secretary of State

Certificate of Authorization

I, Trey Grayson, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

SHARED SITES WV, LLC

, a limited liability company organized under the laws of the state of West Virginia, is authorized to transact business in the Commonwealth of Kentucky and received the authority to transact business in Kentucky on December 20, 2006.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 275.190 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 7th day of February, 2007.

Certificate Number: 43278

Jurisdiction: Boulevard Properties, LLC

Visit http://apps.sos.ky.gov/business/obdb/certvalidate.aspx_to validate the authenticity of this

certificate.



Ta62

Trey Grayson Secretary of State Commonwealth of Kentucky 43278/0653332

EXHIBIT B

CERTIFICATE OF AUTHORIZATION FROM THE COMMONWEALTH OF KENTUCKY

AND

CERTIFICATE OF MERGER FROM THE STATE OF DELAWARE

FOR AMERICAN CELLULAR CORPORATION

Commonwealth of Kentucky Trey Grayson Secretary of State

Certificate of Authorization

I, Trey Grayson, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

AMERICAN CELLULAR CORPORATION

, a corporation organized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on January 20, 2004.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 271B.16-220 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 13th day of February, 2006.

Certificate Number: 26879 Jurisdiction: Shared Sites, LLC

Visit http://apps.sos.ky.gov/business/obdb/certvalidate.aspx to validate the authenticity of this

certificate.



Ta62

Trey Grayson Secretary of State Commonwealth of Kentucky 26879/0576718

Delaware

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ACC OF KENTUCKY LLC", A DELAWARE LIMITED LIABILITY COMPANY,
WITH AND INTO "AMERICAN CELLULAR CORPORATION" UNDER THE NAME
OF "AMERICAN CELLULAR CORPORATION", A CORPORATION ORGANIZED AND
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED
AND FILED IN THIS OFFICE THE THIRTY-FIRST DAY OF DECEMBER, A.D.
2003, AT 10:30 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2003, AT 11:30 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Warriet Smith Windson Secretary of State

EXHIBIT C COPY OF FCC LICENSE FOR AMERICAN CELLULAR

Federal Communications Commission

Wireless Telecommunications Bureau

Page 1 of 6

Radio Station Authorization

LICENSEE NAME: American Cellular Corporation

RONALD L. RIPLEY AMERICAN CELLULAR CORPORATION 14201 WIRELESS WAY OKLAHOMA CITY OK 73134 FCC Registration Number (FRN)

0003767324

Call Sign File Number

KNKN666 0001571120

Radio Service
CL - Cellular

Market Number Channel Block
CMA447 A

Sub-Market Designator

Market Name

<u> Kentucky 5 - Barren</u>

Grant Date	Effective Date	Expiration Date	Five Yr Build-Out Date	Print Date
10-30-2001	01-07-2004	10-01-2011		01-14-2004
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SITE INFORMATION

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Conditions:

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

EXHIBIT D TOWER AND FOUNDATION DESIGN



February 13, 2007

Boulevard Properties 7383 Utica Blvd. Lowville, NY 13367

Attn: Mr. Dave Jantzi

Re:

Tower and Foundation Designs for Kentucky

EOM#8959A

Dear Dave,

This letter is in response to your inquiry about the design of your towers and foundations being located in Kentucky.

- The tower and foundation designs are reviewed and sealed by a Professional Engineer actively licensed in the State of Kentucky. More specifically, it is planned that the structural drawings will be sealed by me or Mr. Kirk R. Hall, P.E.
- We use site-specific soils reports (as provided by the tower owner) to design tower foundations. The soils reports are then referenced in the foundation general notes of the structural drawings.
- The full tower loading and reactions are used for the foundation designs. The foundation design reactions are listed on the tower and foundation drawings.

This criteria will be applied to the following proposed sites:

- Craycraft, Adair County
- Little Clifty, Adair County
- Duff, Lincoln County
- Horntown, Russell County
- Kings Mountain, Lincoln County
- Wilderness Trail, Lincoln County
- Neals Creek, Lincoln County
- Zula, Wayne County
- Cartwright, Clinton County
- Snow, Clinton County
- Greene Grove, Cumberland County

If you have any questions regarding this information, please do not hesitate to contact us at (740) 522-2287 x

356.

Sincerely,

Pete Jernigan, P.E. TEP #070002.02

Kirk R. Hall, P.E

EOM

Civil/Structural Group



1213 Compressor Drive P.O. Box 508 Mayfield, KY 42066 270,247,3642 Fax. 270, 247,0909 worldtower@worldtower.com www.worldtower.com



1213 Compressor Drive P.O. Box 508

Mayfield, KY 42066 270-247-3642

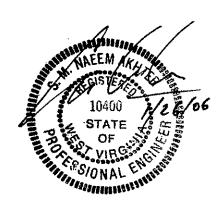
FAX: 270-247-0909

E-mail: worldtower@worldtower.com

Web: www.worldtower.com

250' TYPE 36SR TOWER FOR: SHARED TOWERS SITE:

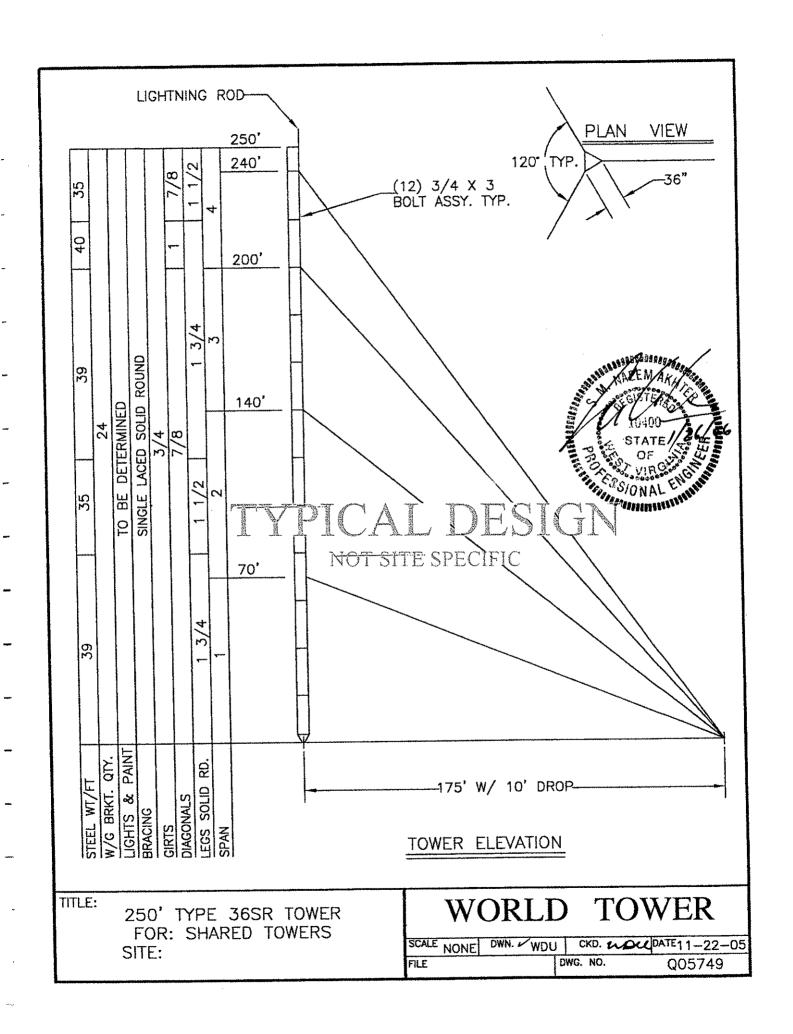
DESIGN PACKAGE



TYPICAL DESIGN

NOT SITE SPECIFIC

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



ANTENNAS									
ELEV.	DESCRIPTION	LINE	AZIMUTH						
250'	12- 6' X 1' X 3" PANEL ANTS. ON LO-PROFILE MNT.	12- 1 5/8							
240'	12- 6' X 1' X 3" PANEL ANTS. ON LO-PROFILE MNT.	12- 1 5/8							
230'	12- 6' X 1' X 3" PANEL ANTS. ON LO-PROFILE MNT.	12- 1 5/8							
220'	12- 6' X 1' X 3" PANEL ANTS. ON LO-PROFILE MNT.	12- 1 5/8							
	TYPICAL DESIC								
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NOT SITE SPECIFIC

REACTIONS								
BAS	SE		ANCHOR					
SHEAR	1.0	KIPS	RESULTANT	39.0	KIPS			
COMPRESSION	103.0	KIPS	HORIZONTAL	27.0	KIPS			
		KIPS	VERTICAL	28.0	KIPS			

ELEV.	SIZE	BREAK STRENGTH	INITIAL TENSION	CUT LENGTH	SHACKLE	THIMBLE	TURN BUCKLE
240'	9/16 EHS	35000	3500	334'	3/4	3/4	1 X 18
200'	1/2 EHS	26900	2700	302'	****	1/2	3/4 X 12
140'	7/16 EHS	20800	2100	259'		1/2	3/4 X 12
70'	3/8 EHS	15400	1500	221'		3/8	3/4 X 12

GENERAL **NOTES**

- 1. TOWER IS DESIGNED TO SUPPORT THE GIVEN LOADS AND MEET THE PROVISIONS OF TIA/EIA-222-F FOR A 70 MPH BASIC WIND SPEED WITH NO ICE OR 61 MPH WITH 1/2 ICE.
- 2. TOWER IS DESIGNED FOR ALL LINES TO BE MOUNTED IN ACCORDANCE WITH DWG. Q05749WG
- 3. WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISION OF THE AMERICAN WELDING SOCIETY AWS.D 1.1.
- 4. TOWER AND ALL FABRICATED ACCESSORIES ARE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.
- 5. ALL BOLTS SHALL BE GALVANIZED ACCORDING TO THE STANDARD SPECIFICATION FOR ZINC COATING OF IRON AND STEEL HARDWARE ASTM A153.
- 6. LEG STEEL IS 50 KSI MIN. YIELD SOLID ROUND AND BRACING STEEL IS 36 KSI MIN. YIELD SOLID ROUND.

 7. ALL STRUCTURAL BOLTS ARE ASTM A325. WA NAEE
- 8. GUY LENGTHS SHOWN ARE CHORD LENGTHS PLUS 30'.
- 9. TOWER SECTIONS ARE NUMBERED CONSECUTIVELY FROM BASE TO TOP.
- 10. TOWER SHOULD BE INSPECTED IN ACCORDANCE WITH TIA/EIA-222-F EVERY 3 YEARS
- 11. TOWER INSPECTION SHOULD ONLY BE PERFORMED BY EXPERIENCED QUALIFIED PERSONNEL. FOR ASSISTANCE IN PROPER MAINTENANCE OF YOUR TOWER, CALL WORLE TOWER @ 270-247-3642.

TITLE:

250' TYPE 36SR TOWER FOR: SHARED TOWERS SITE:

*000388*2655 WORLD **TOWER**

CKD. LOCK DATE 11-22-05 SCALE NONE DWN. WDU FILE DWG. NO. Q05749T

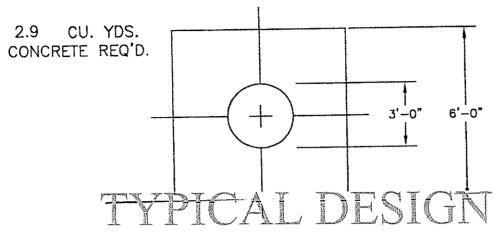
TRANSMISSION LINES ARE NUMBERED CONSECUTIVELY FROM TOP TO BOTTOM OF TOWER. SEE DRAWING Q05749T FOR LINE ELEVATIONS. ESIGN ø7" FLANGE PLATE വ ထ (39(40) 36" တ

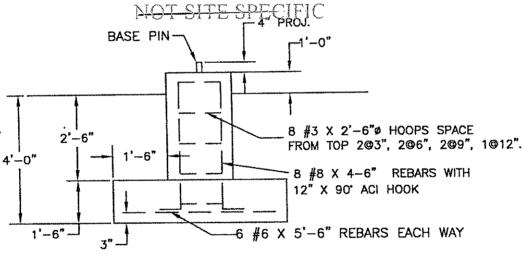
WORLD TOWER

DATE 11-22-05 Q05749WG DWG. NO. S S MDM SCALE NONE DWN. FIE

ALM MALESTINATION AL TONAL TON

WAVEGUIDE LOCATION DETAILS TOTAL 48 LINES SITE: TITLE:





GENERAL NOTES

- 1. CONCRETE TO HAVE 3000 PSI MIN. COMPRESSIVE STRENGTH AFTER 28 DAYS.
 2. ALL REINFORCMENT 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 EIA NORMAL SOIL.

MAX REACTIONS							
SHEAR	1.00	KIPS					
DOWNLOAD	103.0	KIPS					

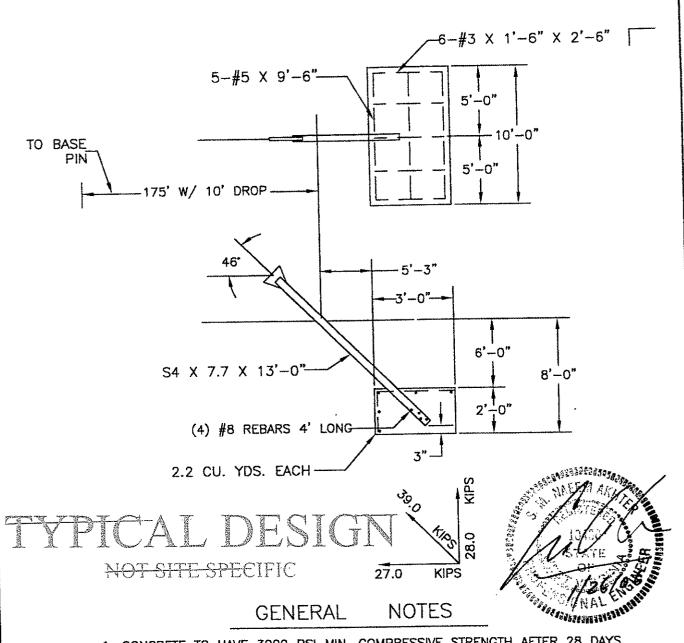


TITLE:

BASE DETAILS 250' TYPE 36SR TOWER SITE:

WORLD TOWER

SCALE	NONE	DWN.	WDL	,	CKD.	pu	DATE	11	-22-	-05	
FILE				DWG	. NO.	Q05	574	9E	}		



- 1. CONCRETE TO HAVE 3000 PSI MIN. COMPRESSIVE STRENGTH AFTER 28 DAYS. 2. REINFORCEMENT STEEL IS DEFORMED AND MEETS THE REQUIREMENTS OF
- ASTM A615 GRADE 60.
- 3. CENTER LINE OF ANCHOR BEAM TO PASS THROUGH CENTROID OF BLOCK.
- 4. EMBEDDED STEEL TO HAVE A MIN. 3" COVER.
- 5. FOUNDATION DESIGN IS BASED ON EIA NORMAL SOIL.

TITLE:

ANCHOR DETAILS 250' TYPE 36SR TOWER SITE:

WORLD TOWER

SCALE	NONE	DWN.	WDU	CKD.	DATE 1 1	-22-05
FILE				DWG. NO.	Q05749A	

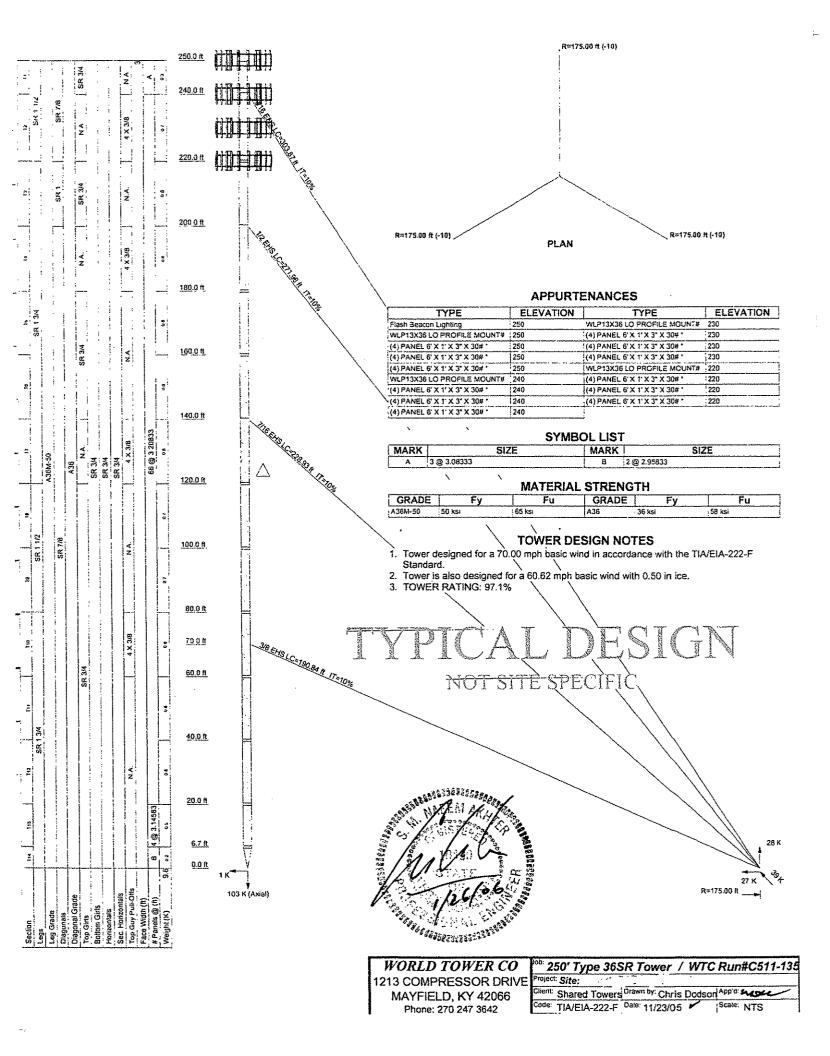


EXHIBIT E SITE DEVELOPMENT PLAN

VICINITY MAP
PROPERTY OWNER LISTING
500' VICINITY MAP
LEGAL DESCRIPTIONS
SITE PLAN
VERTICAL TOWER PROFILE

EXHIBIT F COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST:

- American Towers
- Crown Communications
- SBA
- Verizon
- Cingular/AT&T
- Nextel
- T-Mobil
- Sprint
- Bluegrass Cellular
- Ramcell Cellular

EXHIBIT G COLLOCATION REPORT

Gellular One

124 S. Keeneland Drive Richmond, KY 40475

859-544-4802 859-544-5858 FAX

February 13, 2007

To Whom it may Concern:

In regard to the proposed cellular communications site known as Craycraft, KY, this letter will seek to explain co-location issues.

To be able to serve the area, a structure in the realm of 250 ft. above ground level will be required. According to a survey by our site acquisition team, there simply are no tall structures in the area. Therefore, while it is the policy of American Cellular to pursue co-location opportunities wherever possible, there are no opportunities in this area. Thus, the construction of a new tower is the only alternative open to American Cellular.

Sincerely,

W. Eric Broviak

Regional Rf Engineering Manager

m En Brent

EXHIBIT H APPLICATION TO FAA

Notice of Proposed Construction or Alteration (7460-1)

Project Name:

SHARE-000057654-07

Sponsor:

Shared Sites, L.L.C.

Details for Case: CRAYCRAFT

Show Project Summary

Case Status

ASN:

2007-ASO-191-OE

Date Accepted:

01/17/2007

Status:

Accepted

Date Determined:

Letters:

None

Construction / Alteration Information

Notice Of:

Construction

Structure Summary

Structure Name: CRAYCRAFT

Other:

Duration:

Permanent

Structure Type:

Antenna Tower

if Temporary: Months: Days:

FCC Number:

Work Schedule - Start: Work Schedule - End:

03/01/2007 08/30/2007

Prior ASN:

State Filing:

Structure Details

Latitude:

37° 4' 40.72" N

Longitude:

85° 13' 22.61" W

Horizontal Datum:

NAD83

Site Elevation (SE):

910 (nearest foot)

Structure Height (AGL):

256 (nearest foot)

Marking/Lighting:

White-medium intensity

Other:

Nearest City:

Columbia

Nearest State:

Kentucky

Traverseway:

No Traverseway

Description of

Location:

Columbia, KY 42728

Description of

Proposal:

5076 Russell Springs Rd

250' Wireless

Communications Tower

w/ 6' lightning rod located within a fenced

compound.

Common Frequency Bands

	" " ada a	.,		
Low Freq	High Freq	Freq Unit	ERP	ERP Uni
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

Specific Frequencies



EXHIBIT I APPLICATION TO KENTUCKY AIRPORT ZONING COMMISSION

TC 56-50E (Rev. 02/05)

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 200 Mero Stappelication for Permit to Construct or Alter AINSTRUCTIONS INCLUDED	1							
1. APPLICANT – Name, Address, Telephone, Fax, etc. Shared Sites, LLC- Kamal Doshi 1390 Chain Bridge rd #40 Mclean, VA 22101 703-893-0806 (phone) 703-852-7289 (fax) 2. Representative of Applicant – Name, Address, Telephone, Fax Boulevard Properties, LLC- Matt Wallack 7383 Utica Blvd Lowville, NY 13367 315-376-3333 (phone) 315-376-8139 (fax)	9. Latitude: 37 ° 04 ' 40 72 " 10. Longitude: 85 ° 13 ' 22 61 " 11. Datum: NAD83 NAD27 Other 12. Nearest Kentucky City: Columbia County Adair 13. Nearest Kentucky public use or Military airport: 196- Columbia/Adair Co. 14. Distance from #13 to Structure: 6.5 miles 15. Direction from #13 to Structure: ESE							
3. Application for: New Construction Alteration Existing 4. Duration: Permanent Temporary (Months Days) 5. Work Schedule: Start	17. Total Structure Height (AGL): 256.00 Feet 18. Overall Height (#16 + #17) (AMSL): 1.166.00 Feet 19. Previous FAA and/or Kentucky Aeronautical Study Number(s): 20. Description of Location: (Attach USGS 7.5 minute Quadrangle Map or an Airport layout Drawing with the precise site marked and any certified survey) 5076 Rusself Springs Rd Columbia, KY 42728							
22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration? No Yes, When January 17, 2007 CERTIFICATION: I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief. Matthew J. Wallack 17 Jan 2007 Printed Name and Title Signature Date PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050:Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.								
Commission Action:	rman, KAZC Administrator, KAZC Date							

EXHIBIT J GEOTECHNICAL REPORT

SUBSURFACE INVESTIGATION & FOUNDATION RECOMMENDATIONS

PROPOSED TOWER CRAYCRAFT COLUMBIA, KENTUCKY

Prepared for:

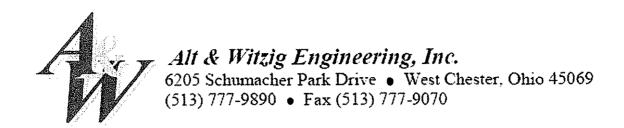
SHARED SITES, LLC LOWVILLE, NEW YORK

Prepared by:

ALT & WITZIG ENGINEERING, INC. WEST CHESTER, OHIO

FEBRUARY 12, 2007

PROJECT NO. 07CN0019



Shared Sites, L.L.C. 7383 Utica Blvd Lowville, NY 13367

ATTN: Mr. Matthew J. Wallack

RE:

Subsurface Investigation &

Foundation Recommendations

Tower Site: Craycraft 5072 Russell Springs Road Columbia, Kentucky

Alt & Witzig File: 07CN0019

Gentlemen:

In compliance with your request, we have completed a foundation investigation and evaluation for the above referenced project. It is our pleasure to transmit herewith four (4) copies of our report.

SITE LOCATION:

The site is located in Columbia, Kentucky. Specifically, this site is located at 5072 Russell Springs Road. The general vicinity of the site is shown on the enclosed site location map in the appendix of this report.

The purpose of this subsurface investigation was to determine the various soils profile components, determine the engineering characteristics of the materials encountered, and provide information to be used in preparing foundation designs for the proposed communication tower.

Field Services

The field investigation included reconnaissance of the project site, drilling four (4) soil borings for the tower. Additionally, our investigation included performing standard penetration tests, and obtaining soil samples retained in the standard split-spoon sampler. The apparent groundwater level at the boring location was also determined.

The soil boring was performed with a conventional drilling rig equipped with a rotary head. Conventional hollow-stem augers were used to advance the holes. Representative samples were obtained employing split-spoon sampling procedures in accordance with ASTM Procedure D-1586.

A A

Shared Sites, LLC

Alt & Witzig File No.: 07CN0019

February 12, 2007

Page 2

During the sampling procedure, standard penetration tests were performed at regular intervals to obtain the standard penetration value of the soil. The standard penetration value is defined as the number of blows of a 140-pound hammer, falling thirty (30) inches, required to advance the split-spoon sampler one (1) foot into the soil. The results of the standard penetration tests indicate the relative density and comparative consistency of the soils, and thereby provide a basis for estimating the relative strength and compressibility of the soil profile components.

Laboratory Testing

The types of soils encountered in the borings were visually classified according to the Unified Soil Classification System and are described in detail on the boring logs. Representative samples of the soils encountered in the field were placed in sample jars and are now stored in our laboratory. Unless notified to the contrary, all samples will be disposed of after three (3) months.

Recommendations for Tower

Information provided by Shared Site, LLC indicates that a self-supporting cellular tower will be constructed at this site. It is anticipated that the tower will not exceed 250 feet in height. It is anticipated that the structural loads of the tower will be supported by conventional spread footings, if possible.

Our borings encountered medium stiff silt and silty clay to the termination or auger refusal depth of our borings at sixteen (16) to twenty-five (25) feet below existing grade. A relatively soft layer was encountered at boring B-2 from thirteen (13) to sixteen (16) feet and at boring B-4 at nine (9) feet and again at fifteen (15) to twenty-three (23) feet.

The following soil parameters can be used to design a shallow foundation. Due to the seasonal variations in moisture content and freeze thaw cycles, no skin friction or resistance to passive pressure should be considered above three (3) feet.

Borings B-1, B-2, and B-3											
Soil Description	Depth Below Existing Grade	Bearing Pressure (psf) SF=3	Dry Density (pcf)	•	Kp	Coefficient of Friction Against Sliding					
Silt and Clay	4' – 12'	3,000	110	10°	1.4	0.50					
Silt and Clay	12'+	2,500	100	10°	1.4	0.50					

Shared Sites, LLC

Alt & Witzig File No.: 07CN0019

February 12, 2007

Page 3

Boring B-4												
Soil Description	Depth Below Existing Grade	Bearing Pressure (psf) SF=3	Dry Density (pcf)		K_p	Coefficient of Friction Against Sliding						
Silt and Clay	4'-8'	3,000	110	10°	1.4	0.50						
Silt and Clay	8'+	2,500	100	10°	1.4	0.50						

The weight of the backfill above the footings will be used to resist uplift forces; therefore, it is recommended that proper compaction techniques be maintained. It is recommended that a density of 98% maximum dry density in accordance with ASTM D-698 be achieved above the footings to finished grade for all fill. If on-site soils are used, the excavation should be ramped so that a drive or walk-behind sheepfoot can be used to compact the clayey soils.

Boring B-4 encountered water at thirty-four (34) feet during drilling operations and had risen to twenty-nine and one-half (29½) feet at completion of the boring. Additionally, groundwater should be anticipated at the soil/rock interface. Depending upon the weather conditions while excavations are open, seepage from surface runoff may occur into shallow excavations. Since these foundation materials tend to soften when exposed to free water, every effort should be made to keep the excavations dry should water be encountered. It is especially important to protect these soils from moisture changes due to the mix of silt and clay within the soil matrix they are susceptible to significant strength loss if they become wetted.

Often, because of design and construction details that occur on a project, questions rise concerning the soil conditions. If we can give further service in these matters, please contact us at your convenience.

Respectfully Submitted,

ALT & WITZIG ENGINEERING, INC.

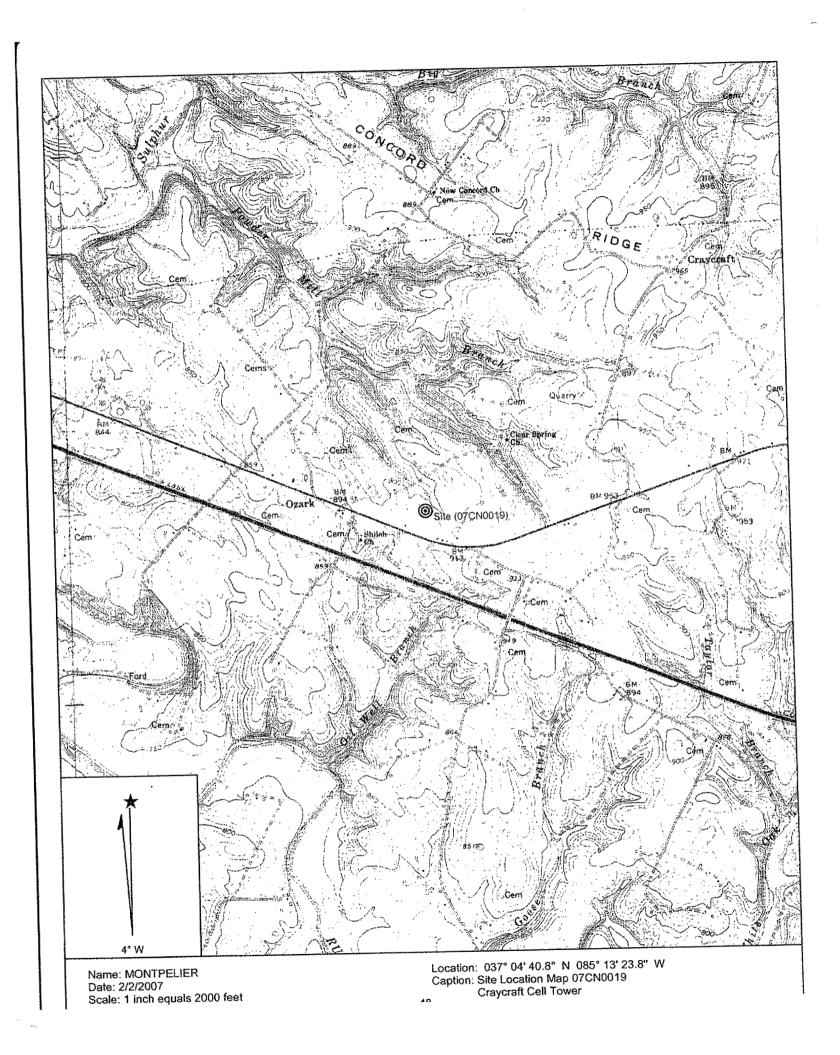
Robert Smith,

Project Engineer

Patrick A. Knoll, P.E.

40

APPENDIX



RECORD OF SUBSURFACE EXPLORATION



DC - Driving Casing MD - Mud Drilling

Alt & Witzig Engineering, Inc.

CLIENT		Shared Sites, LLC								Boring	#		B-4
	ME	Craycraft Cell Tower		-						Alt & V	Vitzig F	ile No.	07CN0019
LOCATION	.,,,,	Columbia, Kentucky		•									
200/1110/1				-									
	Dŧ	RILLING and SAMPLING INFORMATION											
Data Storing		8/2007 Hammer Wt. <u>140</u> lbs.	Π	Γ				T					
Date Started Date Completed										m			
	-		- []						ż	SSİV	_		
Boring Method	HS	Spoon Sampler OD 2 in.							est,	mpre	mete		
									_ Fe	Š	etro	9	
		SOIL CLASSIFICATION						2	Standard Penetration Test, N Blows/foot	Qu - tsf Unconfined Compressive Strength	- tsf Pocket Penetrometer	Moisture Content %	
STRATA ELEV.		SOIL CLASSIFICATION		e e	看	ö	ype	Sampler Graph Ground Water	Pen	200	ocke	Son	ø,
LEL V.		SURFACE ELEVATION			0.0	Se N	Je T	힐힐	tard s/foo	at the	ist P	E E	a k
				Depth Scale	Strata Depth	Sample No.	Sample Type	Ground Water	Stanc	Steel S	Pp.	Mois	Remarks
	╁	0.0-0.5 Topsoil	才	╅	32			†					
Ħ		0.5-4.0 Brown Silt Trace Sand Seams											
			<u> </u>		4.0	1	SS	X	8	1.8	4.5+	19.8	
	-	4.0-8.5 Brown and Red to Gray Silty Clay	一十	5	1 **.0			4					
						2	SS	Д	19	3.6	4.5+	22.5	
Ħ			-		1	_		\forall					
				·]	8.5	3	SS	Δ	23				
		8.5-12.5 Red Silty Clay		10		-	SS	Я	6	0.8	1.3		
			F			4	33	4	"	0.0	1.5		
E					12.5	5	ss	Д	9		4.3		
Ħ		12.5-15.5 Light Brown Silty Clay				ب	1	Α					
		Trace Red and Gray Silt Seams	-	15	15.5	6	ss	М	14		2.5		
Ħ		15.5-23.0 Light Brown Silty Clay with Limesto	ne -	-		F		А					
H			İ			7	ss	М	6		2.0		
目						-	1	Н					
			F	_ 20		8	ss	И	5		1		
B			F	-	1,	 	1.						
Ħ	L				23.0	1							
Ħ		23.0-25.0 Black and Gray Shale and Silty Cla	ay	- 26	25.0	L		Ц					
	\vdash	with Limestone Auger Refusal at 25 feet		7~	25.0	9	SS	X	50/2	2			
			Ţ			Г	1	П					
H			-	-									
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E				-									
E			}	-									
Ħ			ţ						1				
			[-									
	1					11.			<u> </u>		Sample Type		
Boring Method HSA - Hollow Stem Augers					Com		TER Dry		ft.				SS - Driven Split Spoon ST - Pressed Shelby Tube
CFA - Continuous Flight Auger DC - Driving Casing					tor.		. <u></u>		ff				CA - Continuous Flight Auger

O Water on Rods <u>Dry</u> C - Boring Caved Depth

hours

RC - Rock Core CU - Cuttings

ft.

RECORD OF SUBSURFACE EXPLORATION

Alt & Witzig Engineering, Inc.

PR	IENT OJECT NA CATION	ME _ -	Shared Sites, LLC Craycraft Cell Tower Columbia, Kentucky							Boring Alt & W		ile No	B-3 07CN0019	
Da	te Started te Completed ring Method	2/8/2 2/8/2	2007 Hammer Drop <u>30</u> in.							Standard Penetration Test, N - Blows/foot	Qu - tsf Unconfined Compressive Strength	netrometer	9	
STRATA ELEV.			SOIL CLASSIFICATION		Depth Scale	epth	No.	Туре	Graphics Water	d Penetrati	f Unconfine th	Pp - tsf Pocket Penetrometer	Moisture Content %	rks
			SURFACE ELEVATION			Strata Depth	Sample No.	Sample Type	Sampler Graph Ground Water	Standar Blows/fc	Qu - tsf Strengtl	Pp - tsf	Moistun	Remarks
Ħ			0.0-0.6 Topsoil	1										
			0.6-5.0 Brown Silty Clay	F			1	SS	X	15	4.0	4.0	18.3	
H			5.0-16.0 Brown and Red Silty Clay with Limeston		5	5.0	2	SS	X	22		4.5	19.0	
			5.0-10.0 Diothicard road only only that almost a	-			3	SS	X	20		4.5+	29.0	
	un de la companya de la companya de la companya de la companya de la companya de la companya de la companya de				10		4	SS	X	16	2.9	4.5+		
							5	ss	M	14		4.5+		
					15	16.0	6	ss	M	13		4.5+		
			Boring Terminated at 16.0 feet											
														Sample Type
Boring Method							ho	TER Dry ours		ft. ft. ft.			; ;	SS - Driven Split Spoon ST - Pressed Shelby Tube CA - Continuous Flight Auger RC - Rock Core CU - Cuttings

O Water on Rods <u>Dry</u> C - Boring Caved Depth

DC - Driving Casing MD - Mud Drilling

RECORD OF SUBSURFACE EXPLORATION

Alt & Witzig Engineering, Inc.

CA - Continuous Flight Auger RC - Rock Core CU - Cuttings

CLIENT		Shared Sites, LLC									oring :			B-2
		Craycraft Cell Tower		•						Α	lt & W	litzig Fi	ile No.	07CN0019
LOCATION		Columbia, Kentucky		-										
LOOKIIOII	-			•										
	DRI	LLING and SAMPLING INFORMATION	П	Τ		T	T		-1	— T		Т		
Date Started	te Started <u>2/8/2007</u> Hammer Wt. <u>140</u> lbs.													
Date Completed	2/8/2	2007 Hammer Drop <u>30</u> in.							١.		ive ive			
Boring Method	HSA	Spoon Sampler OD 2 in.							ź		Qu - tsf Unconfined Compressive Strength	ate.		
*									ë		duo	om C		
	1	***************************************	[]					6	tion		0	enet	%	
0777474	1	SOIL CLASSIFICATION							netra	Blows/foot	iju L	Pp - tsf Pocket Penetrometer	Moisture Content %	
STRATA ELEV.				Jale	Strata Depth	ė	Sample Type	Sampler Grap	Ground water	5	Š _ [Pock	Š	\$
		SURFACE ELEVATION				ald	Die.	· 음	dar d	s/fo	ngth tst	ţş:	sture	Remarks
				Depth Scale	Stra	Sample No.	Sar	Sail .	Star	Boy	Stre	g.	Ĭ Mo	Re
	 	0.0-0.5 Topsoil	一					\prod	Т					
		0.5-7.0 Brown Silty Clay with Limestone	-					H						
	1		F			1	SS	Д		16			20.6	
Element			I	5				Ц						
H						2	SS	Х	4	43		4.5+	17.0	
B	<u> </u>				7.0	<u> </u>		Н						
Ħ		7.0-12.5 Brown Silty Clay with Limestone	F			3	SS	X	2	29		4.5+	22.4	
B		and Trace White Silt Seams	ŀ	10		<u></u>		Ц		1				
				٦,٠		4	SS	X		17	2.9	3.0		
					12.5									
A		12.5-13.5 Brown and Black Moist Silty Clay		-	13.5		SS	M		5				
Ħ		13.5-16.0 Brownish Red Moist Silty Clay with Peb	bles	15]							
				٦'`	16.0	6	SS	X		8				
		Boring Terminated at 16.0 feet		-				П						
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Boring					ROUN									<u>Sample Type</u> SS - Driven Split Spoon
HSA - Hollow : CFA - Continu	∇	_ At	Com	oletion	Dn	¥	f	t				ST - Pressed Shelby Tube		

hours O Water on Rods <u>Drv</u> ft. C - Boring Caved Depth

____ After

ft.

RECORD OF SUBSURFACE EXPLORATION

$A_{\mathcal{J}}$

DC - Driving Casing MD - Mud Drilling

Alt & Witzig Engineering, Inc.

CLIENT		Shared Sites, LLC									Boring			B-1
		Craycraft Cell Tower		•							Alt & V	/itzig Fi	le No.	07CN0019
LOCATION	,	Columbia, Kentucky												
	•			•										
	DR	ILLING and SAMPLING INFORMATION												
Date Started	2/8/2	2007 Hammer Wt. <u>140</u> lbs.												
Date Completed											Q			
	HSA									-	essiv	jo j		
Politicaling	1307	opon damps ob Z								Test,	Juper	ome		
	T		-11							Standard Penetration Test, N Blows/foot	Qu - tsf Unconfined Compressive Strength	Pp - tsf Pocket Penetrometer	%	
STRATA		SOIL CLASSIFICATION			_		ď.	ghic	5	netra	onfin	et P	Moisture Content %	
ELEV.	ļ		4	cale	Strata Depth	Š	Sample Type	Sampler Grap	Ground Water	d Pe	oun ₄	Poct	ပ္ပိ	s X
		SURFACE ELEVATION		Depth Scale	ata C	Sample No.	mple	mple	Pung	ındar ws/f	- tsf engti	ţş.	oistur	Remarks
			Щ	2	St	Sa	Sa	Sa	ŏ	20 Kg	Str	<u> </u>	Š	<u> </u>
Ħ		0.0-0.7 Topsoil	1											.
		0.7-4.0 Brown and Gray Silt	卜			1	ss	Ā		13	2.7	4.3	22.4	
Ħ			Ţ		4.0			Н						
		4.0-10.0 Brown, Red, and Gray Clay with Limestone and Trace Sand Seams	•	5		2	ss	Х		26	5.0	4.5+	30.0	
		and trace dand deams	t											
						3	ss	M		10	1.6	3.5	41.9	
E			-	10	10.0									
		10.0-12.5 Light Brown and Gray Silty Clay	士	1		4	ss	М		15		4.5+		
3			-		12.5	_		H		١				
Ħ		12.5-16.0 Brown and Red Silty Clay with Shale	7			5	SS	Д		21				
H				15		-	ss	М		9				
	-		_		16.0	6	33	Ή						
H		Boring Terminated at 16.0 feet	}	·										
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Boring		GR	OUN	DWA	TER							Sample Type SS - Driven Split Spoon		
HSA - Hollow S CFA - Continu	∇		Com					ft.				ST - Pressed Shelby Tube		

_____ After

O Water on Rods <u>Dry</u> C - Boring Caved Depth

hours

ft.

CA - Continuous Flight Auger RC - Rock Core CU - Cuttings

GENERAL NOTES

SAMPLE IDENTIFICATION

The Unified Soil Classification System is used to identify the soil unless otherwise noted.

SOIL PROPERTY SYMBOLS

N: Standard "N" penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2 inch O.D. split-spoon.

Qu: Unconfined compressive strength, TSF

Qp: Penetrometer value, unconfined compressive strength, TSF

Mc: Water content, %

LL: Liquid limit, %

PL: Plastic limit, %

Dd: Natural dry density, PCF

Apparent groundwater level at time noted after completion

DRILLING AND SAMPLING SYMBOLS

SS: Split-spoon - 1 3/8" I.D., 2" O.D., except where noted

ST: Shelby tube - 3" O.D., except where noted

AU: Auger sample
DB: Diamond bit
CB: Carbide bit

WS: Washed sample

RELATIVE DENSITY AND CONSISTENCY CLASSIFICATION

TERM (NON-COHESIVE SOILS)	BLOWS PER FOOT
Very loose	0 - 4
Loose	5 - 10
Firm	11 - 30
Dense	31 - 50
Very Dense	Over 50

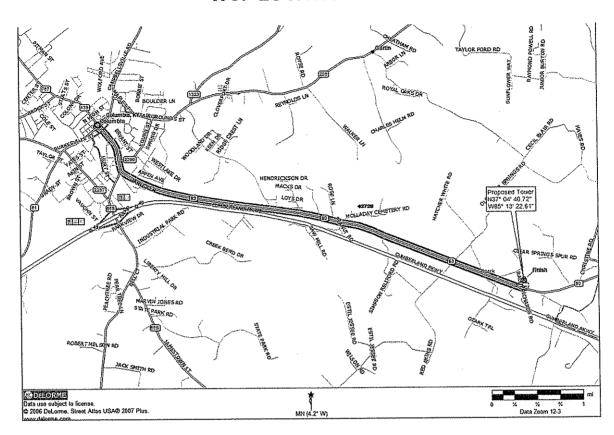
TERM (COHESIVE SOILS)	Qu (TSF)					
Very soft	0 - 0.25					
Soft	0.25 - 0.50					
Medium	0.50 - 1.00					
Stiff	1.00 - 2.00					
Very Stiff	2.00 - 4.00					
Hard	4.00+					

PARTICLE SIZE

Boulders	8 in.(+)	Coarse Sand	5 mm-0.6 mm	Silt	0.075 mm - 0.005 mm
Cobbles	8 in 3 in.	Medium Sand	0.6mm-0.2 mm	Clay	0.005mm(-)
Gravel	3 in 5 mm	Fine Sand	0.2mm-0.075 mm	•	

EXHIBIT K DIRECTIONS TO WCF SITE

WCF LOCATION MAP



DIRECTIONS TO WCF FROM COUNTY SEAT

From the Adair County Court House, proceed south approximately .75 miles on SR 55. Turn west (left) on SR 80 and proceed approximately 4.55 miles. WCF site is on the left.

These directions were prepared by:

David B. Jantzi Boulevard Properties, LLC 7383 Utica Boulevard Lowville, NY 13367 (315) 523-6258

EXHIBIT L COPY OF REAL ESTATE AGREEMENT

SITE LEASE AGREEMENT

County: Adair Site Address: 5072 Russell springs Rd., Columbie, KY, 42728 Site I. D.: Craycraft Latitude: N37° 04' 40.72" Longitude: W85° 13' 22.61"

 Premises and Use. In consideration of the expenditures and efforts of lessee to develop and use the premises described below, the undersigned (jointly and severally, the "Owner") hereby leases to Shared Sites WV, LLC, a West Virginia limited liability company ("Lessee"), or its permitted assignee, the site described below:

The exclusive right to use and occupy real property. approximately 10,000 square feet of land, as approximately described and shown on Exhibit A, together with non-exclusive easements (a) to a public right of way, for reasonable access. (b) to the appropriate sources of electric and telephone facilities as determined by Lessee, (c) for placement of any supporting guyed wires as reasonably determined by Lessee per good engineering practices (d) to meet fall-zone or set back requirements and (e) temporary staging area for equipment and assembly during construction (collectively, the "Site"). The Site will be used for installing, maintaining and/or operating, a wireless communications and broadcast facility, including, without limitation, antenna towers or poles, guyed wires (if applicable), foundations, utility lines, equipment shelters, ice bridges, radio equipment, antennas, security alarms, cameras, lights, and supporting equipment thereto (collectively, the "Facility"), or for any other use permitted by applicable law. Title to the Facility shall be held by Lessee and the Facility shall remain Lessee's personal property and in no event shall be construed as fixtures.

- 2. Term. The term of this Agreement (the "Initial Term") is five (5) years, starting on the date Lessee signs this Agreement. This Agreement will be automatically renewed for ten (10) additional terms (each a "Renewal Term") of five years each with a 15% increase in rent at each renewal, unless Lessee provides Owner notice of intention not to renew 90 days prior to the expiration of any term.
- Rent. Beginning with the date upon which construction of the Facility is completed; rent will be paid quarterly, on the first day of each calendar quarter, at the rate of \$ per quarter, partial months to be prorated.
- 4. Title, Quiet Possession, and Access. Owner represents and agrees (a) that it is the owner of the Site pursuant to the instrument set forth on Exhibit A; (b) that the Site is free from all encumbrances except as set forth on Exhibit A, (c) that it has the right to enter into this Agreement; (d) that the person signing this Agreement has the authority to sign; (e) that Lessee, its employees, agents, subcontractors, clients, and invitees are entitled to access to the Site at all times and to the quiet possession of the Site so long as Lessee is not in default beyond the expiration of any cure period; and (f) that Owner will not have unsupervised access to the Site or to the related Facility. Owner further represents, agrees and covenants that during the Initial Term and Renewal Terms of this Agreement Owner will not use, or permit others to use, any part of any real property currently owned, or hereafter acquired, by Owner

within two (2) miles of the Site for any type of communication or broadcast tower or otherwise provide advice, services for development of competing properties or release any information about Lessee's business. Owner shall obtain non-disturbance, subordination and attornment agreement from prior lien holders as required by Lessee's title insurance company.

- 5. Assignment/Subletting. Either party may assign or transfer this Agreement with notice to the other party. Upon delivery of such notice the transferor will have no further liability under the Agreement. Lessee shall be allowed to sublet, or otherwise grant use rights to all or any portion of the Site and/or the Facility without the prior written consent of Owner, it being the express intention of Lessee to lease or license antenna, towers, shelters, and related space of the Facility to separate wireless communication carriers and other clients.
- 6. Improvements. Lessee may make such future improvements on or to the Site and Facility as it deems necessary. Owner agrees to cooperate with Lessee with respect to obtaining any required building/zoning approvals for the Site and improvements. Upon termination or expiration of this Agreement, Lessee shall remove the Facility and its other property located upon the Site, excepting the foundation, and will restore the Site to substantially the condition existing at inception of this lease, except for ordinary wear and tear and casualty loss. Lessee shall reimburse Owner any property tax increases directly attributable to Lessee's improvements. Owner shall fully cooperate with Lessee in any available administrative or court appeals of such tax increases.
- 7. Compliance with Laws. Owner represents that Owner's property (including the Site), and all improvements located thereon, are in substantial compliance with building, life/safety, disability and other laws, codes and regulations of applicable governmental authorities. Lessee will substantially comply with all applicable laws relating to its possession and use of the Site.
- Utilities. Lessee will pay for all utility connections to the Site.
 Owner will cooperate with Lessee in Lessee's efforts to obtain utilities from the most economical source.
- 9. Termination. Lessee may terminate this Agreement at any time by notice to Owner without further liability, if Lessee does not obtain all permits or other approvals (collectively, "approval") required from any municipal and/or governmental authority or any easements required from any third party to construct/operate the Facility for its intended use, or if any such approval is canceled, expires or is withdrawn or terminated, or if Owner fails to have proper ownership of the Site or authority to enter into this Agreement, or if Lessee, for any other reason, in its sole discretion, determines that it will be unable to use the Site for its intended purpose.

- 10. Default. If either party is in default under this Agreement for a period thirty (30) days following receipt of notice from the non-defaulting party shall have the right to pursue all legal remedies including termination of this Agreement. If a non-monetary default may not reasonably be cured within a thirty (30) day period, this Agreement may not be terminated if the defaulting party commences action to cure the default within such 30 day period and said default is substantially cured within ninety (90) days of the initial notice of default.
- 11. Indemnity. Owner and Lessee each indemnify the other against and hold the other harmless from any and all costs (including reasonable attorneys' fees) and claims of liability or loss which arise out of the use and/or occupancy of the Site or Facility by the direct actions or culpable omissions of the indemnifying party, its employees, agents or independent contractors. This indemnity does not apply to any claims arising from the sole negligence or intentional misconduct or omission of the party seeking indemnification.
- 12. Hazardous Substances. Owner represents that it has no knowledge of any substance, ground contamination, chemical or waste (collectively, "substance") on the Site that is identified as hazardous, toxic or dangerous in any applicable federal, state or local law or regulation. Lessee will not introduce or use any such substance on the Site in violation of any applicable law. Owner shall indemnify Lessee against and hold it harmless from any and all costs (including reasonable attorneys' fees) and claims of liability or loss which arise out of any occurrence or condition causing the presence of any such substance on the Site that occurred prior to the date of this Agreement or is directly attributable to the Owner's use of adjoining premises during the term of this agreement.
- 13. Waiver of Owner's Lien. (a) Owner waives any lien rights it may have concerning the Facility, which is deemed Lessee's personal property and not fixtures, and Lessee has the right to remove the same at any time without Owner's consent. Owner (i) disclaims any interest, now or in the future, in and to the Facility, as fixtures or otherwise; (ii) agrees that the Facility and the leasehold or other use interest of Lessee or its

- authorized sub lessees or users, shall be exempt from execution, foreclosure, sale, levy, attachment, or distress for any rent due or to become due. and (iii) agrees to provide any such lender with an estoppel statement regarding the above facts, such as the lack of a default hereunder, and any other information or document reasonably requested, such as a non-disturbance, subordination and attornment agreement, within five (5) days of request.
- 14. Insurance. Lessee, at its sole cost and expense, shall upon commencement of construction (upon use of mechanical equipment to disturb the land, but not for taking of soil samples or surveys and measurements) procure and maintain bodily injury and property insurance on the Facility with a combined single limit of at least One Million Dollars (\$1,000,000) per occurrence. A copy of such policy shall be furnished to Owner within 30 days of written request.
- 15. Miscellaneous. (a) This Agreement applies to and binds the heirs, successors, executors, administrators and assigns of the parties to this Agreement; (b) This Agreement is governed by the laws of the State in which the Site is located; (c) This Agreement (including the Exhibits) constitutes the entire agreement between the parties and supersedes all prior agreements; any amendments to this Agreement must be executed by both parties; (e) If any provision of this Agreement is invalid or unenforceable with respect to any party, the remainder of this Agreement, will not be affected and shall remain valid and enforceable to the extent permitted by law; (f) The prevailing party in any action or proceeding in court is entitled to receive its reasonable attorneys' fees and other reasonable enforcement (or, as applicable, defense) costs and expenses; (g) Owner agrees promptly to execute and deliver to Lessee, simultaneously herewith or forthwith hereafter, a recordable Memorandum of this Agreement in the form of Exhibit B; and (h) All notices are effective, on the third business day after their deposit via certified and postage prepaid mail, or, on the next business day after deposit via overnight delivery, to the address below.

	"Owner"	"Owner"	Shared Sites WV, LLC ("Lessee")
Ву:			
Name:	Mary Rosaine Sexton		Name:David B. Jantzi
Title:	Owner		Site Developer (Subject to Approval)
Date:	12/30/2006		Date: 12/30/2006
Address:	2121 Leatherwood Church Rd.		
	Edmonton, KY 42129		
Tax ID:	404-52-8748		Kamal Doshi, Manager (Final Approval)
Phone:	270-432-7207		Date:
			1390 Chain Bridge Road #40
			Mclean, VA 22101 Phone:
			(703)-893-0806

EXHIBIT A Site Agreement - Site Description - Permitted Exceptions

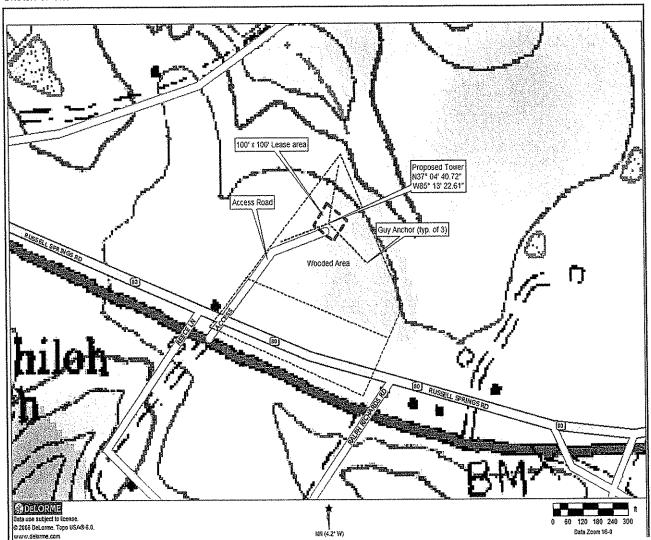
Site Name: Craycraft	Site I.D.:	
Site situated in the City/Town of	Columbia, County of Adair, State of KY cor	mmonly described as follows:

Legal Description: A portion of the premises located at address: 5072 Russell Springs Rd., Columbia, KY 42728

more particularly described in Deed to: <u>Ethel Reese</u> dated <u>01/08/1947</u> and recorded in <u>Adair</u> County Registry of Deeds at Book <u>68</u>, Page<u>594</u> and transferred by Will to Mary Rosaline Sexton dated 02/26/1990 and recorded in Adair County Registry of Wills at Book "T", Page 224. Tax Map <u>076</u>, Plot <u>011</u>

Sketch of Site:

Owner Initials



Permitted Exceptions:	None.

Owner Initials

Note: Owner and Lessee may, at Lessee's option, replace this Exhibit with an exhibit setting forth the legal description of the property on which the Site is located and/or a more detailed survey or drawing depicting the Site.

Lessee Initials

EXHIBIT M FLOOD PLAIN CERTIFICATION

McKinney Land Surveying

January 16, 2007

To Whom It May Concern:

The "CRAYCRAFT" site located in Adair County, Kentucky {Proposed for lease by Shared Sites L.L.C., for the purpose of erecting a telecommunications tower} is classified as Zone D. This classification is zoning for a nonparticipating community. For more information on this zoning description, please refer to The United States Department of Housing and Urban Authority-Federal Insurance Administration.

Respectfully,

Michael E. McKirmey

P.L.S. #3318

EXHIBIT N NOTIFICATION LISTING

Craycraft Certification of Notification

- The Honorable Jerry Vaughan Adair County Judge Executive 424 Public Square Columbia, KY 42728
- 2. Linda Kinnett 5074 Russell Springs Rd Columbia, KY 42728
- Bruce Sexton
 5208 Russell Springs Rd
 Columbia, KY 42728
- 4. Mark & Alison Sexton 2068 Chesapeake Dr Bowling Green, KY 42104
- 5. Jeff & Kellie Herron 297 Shiloh Cemetery Rd Columbia, KY 42728
- 6. Thomas & Kathleen Bryant Box 6 Pleasant Hill, OH 45359

EXHIBIT O COPY OF PROPERTY OWNER NOTIFICATION

Linda Kinnett 5074 Russell Springs Rd Columbia, KY 42728

RE:

Public Notice - Kentucky Public Service Commission

Docket No.: 2007-00059

Dear Sir or Madam:

Shared Sites WV, LLC and American Cellular Corporation are making application to the Kentucky Public Service Commission (PSC) for a Certificate of Public Convienence and Necessity to construct and operate a new facility to provide wireless communication services. The facility will include a 250 foot tower with appurtenances attached to a maximum height of 256 feet, and a ground level equipment shelter(s) to be located at 5076 Russell Springs Rd; Columbia, KY 42728. This notice is being sent to you because you own property within a 500' radius of the proposed tower or own property which adjoins the property on which the tower is proposed.

The Kentucky Public Service Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of the Postal cancellation on the envelope this letter was received in. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, 211 Sower Boulevard, Post Office Box 615, Frankfort, KY 40602-0615. Please refer to Docket No.: 2007-00059 in your correspondence.

Please feel free to contact David Jantzi at 315-376-3333, if you have any questions.

Sincerely,

David B. Jantzi

Boulevard Properties, LLC

Representing:

Bruce Sexton 5208 Russell Springs Rd Columbia, KY 42728

RE:

Public Notice - Kentucky Public Service Commission

Docket No.: 2007-00059

Dear Sir or Madam:

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Boulevard Properties, LLC

Representing:

Mark & Alison Sexton 2068 Chesapeake Dr Bowling Green, KY 42104

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Sincerely,

David B. Jantzi

Boulevard Properties, LLC

Representing:

Jeff & Kellie Herron 297 Shiloh Cemetery Rd Columbia, KY 42728

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Docket No.: 2007-00059

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Please feel free to contact David Jantzi at 315-376-3333, if you have any questions.

Sincerely,

David B. Jantzi

Boulevard Properties, LLC

Representing:

Thomas W. & Kathleen Bryant Box 6 Pleasant Hill, OH 45359

RE:

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Docket No.: 2007-00059

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Please feel free to contact David Jantzi at 315-376-3333, if you have any questions.

Sincerely,

David B. Jantzi

Boulevard Properties, LLC

Representing:

EXHIBIT P COPY OF JUDGE EXECUTIVE NOTICE

The Honorable Jerry Vaughan Judge Executive 424 Public Square Columbia, KY 42728

RE: Public Notice - Kentucky Public Service Commission

Docket No.: 2007-00059

Dear Sir:

Shared Sites WV, LLC and ACC of Kentucky, LLC are making application to the Kentucky Public Service Commission for a Certificate of Public Convienence and Necessity to construct and operate a new facility to provide wireless communication services. The facility will include a 250-foot tower with appurtenances attached to a maximum height of 256 feet, and a ground level equipment shelter to be located at 5076 Russell Springs Rd; Columbia, KY 42728. This notice is being sent to you because you are the Judge Executive for Adair County.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of the Postal cancellation on the envelope this letter was received in. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, 211 Sower Boulevard, Post Office Box 615, Frankfort, KY 40602-0615. Please refer to Docket No.:2007-00059 in your correspondence.

Please feel free to contact David Jantzi at 315-376-3333, if you have any questions.

Sincerely,

David B. Jantzi

Boulevard Properties, LLC

Representing:

EXHIBIT Q COPY OF POSTING NOTICES

Public Notice

PUNC NOTICE

OTICE TO CREDITIONS mmy Sceniue, 549 Powell i. Columbia, KY 42728. Administration has been auling Scharce, deceased by Adult County Clour upon the 00059 and reference docker #2007. Kontucky in 502-564-3940 Service Sites representative) at 315-376-3333 or the Public contact David Junesi (Shared have any questions, please proposes to donstruct a Columbia, KY 42728. If you 5076 Russell Springs Rd. Shared Sites WV, LLC

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Mingintrato N Billy Castley Respectfully submitted, of Theresa South io District

, pax 517, Columbia, KY

Mamleu Hatcher

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Commission

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THE WHOLE SHIP WITH THE REAL PROPERTY. 35 (Allegated) and Continue

SHARED SITES WV, LLC PROPOSES TO CONSTRUCT A TELECOMMUNICATIONS TOWER NEAR THIS SITE

IF YOU HAVE QUESTIONS PLEASE CONTACT

David Jantzi (Shared Sites Representative) Executive Director, Pt 1390 Chain Bridge Rd. #40, McLean, VA 22101 OR 211 Sower Boulevard 315-523-6258 PO Box 615, Frankfor

Executive Director, Public Service Commission 211 Sower Boulevard PO Box 615, Frankfort, KY 40602 Docket# 2007-00059

SHARED SITES WV, LLC PROPOSES TO CONSTRUCT A TELECOMMUNICATIONS TOWER ON THIS SITE

IF YOU HAVE QUESTIONS PLEASE CONTACT

David Jantzi (Shared Sites Representative) Executive Director, Pt 1390 Chain Bridge Rd. #40, McLean, VA 22101 OR 211 Sower Boulevard 315-523-6258 PO Box 615, Frankfor

Executive Director, Public Service Commission 211 Sower Boulevard PO Box 615, Frankfort, KY 40602 Docket# 2007-00059

EXHIBIT R RADIO FREQUENCY DESIGN SEARCH AREA

Craycraft Design Point and .5 Mile Radius Search Area

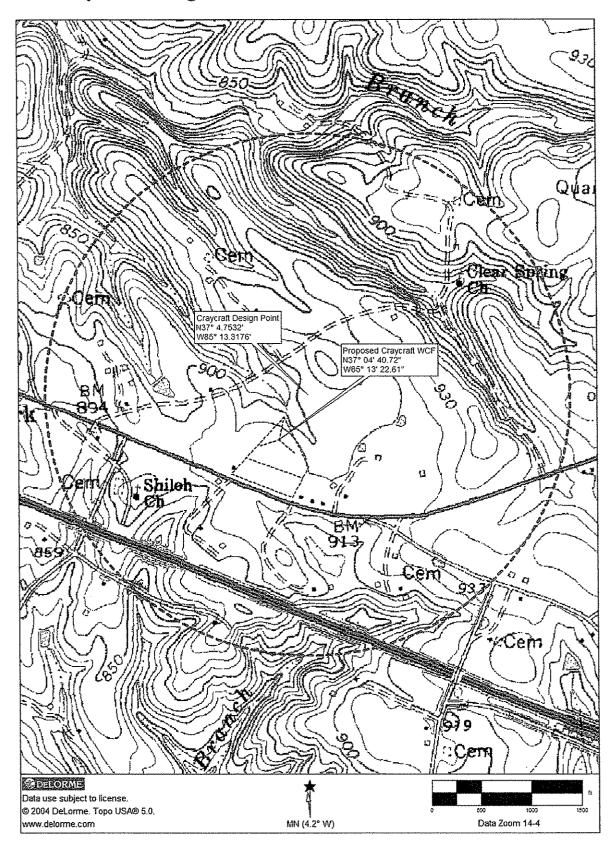
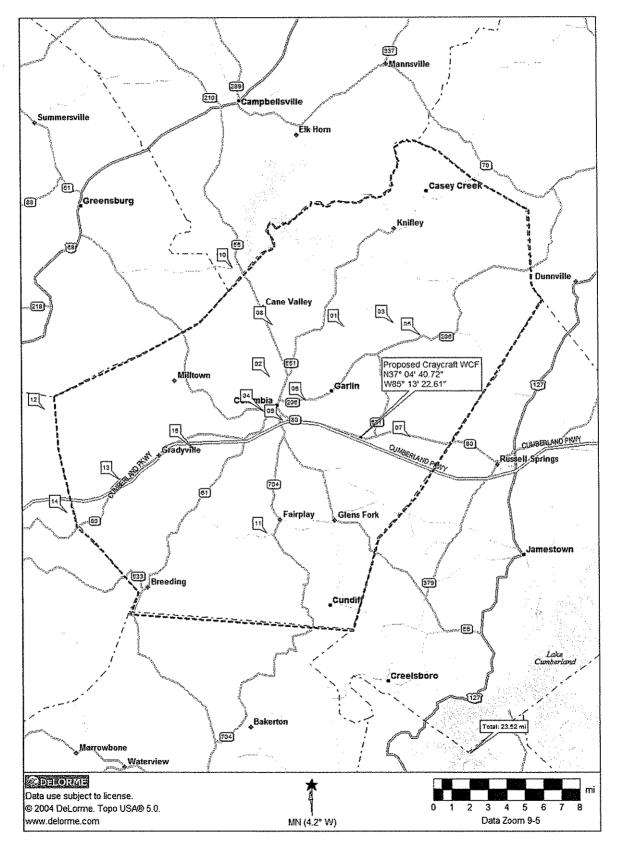


EXHIBIT S TOWER MAP FOR SUBJECT COUNTY

Adair County Existing Towers



Overall Height (AGL) 298.88	710.05		403.54	197,83	498.69	215.88	285,10	956.36	305.77	250.00	283.14	257,87	254.92	Jue. Iu	286.09
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Latitude Longitude 37-09-55.0N	085-14-23.0W	37-07-32.0N 085-18-48.0W	37-10-04.0N 085-11-26.0W	37-05-53.0N 085-19-10,0W	37-09-29.0N 085-09-50.0W	37-06-26.2N 085-16-41.9W	37-04-40.6N 085-10-27.6W	37-10-00.0N 085-18-37.0W	37-05-28.2N 085-18-03.9W	37-12-42.6N 085-20-58,8W	37-00-07.0N 085-19-01.0W	37-06-00.0N 085-32-10,0W	37-02-38.7N 085-27-43.8W	37-01-04.3N 085-30-53.1W	37-04-03.1N 085-23-14.3W
Owner Name	GIE SOUIH INCORPORALED	CUMBERLAND CELLULAR PARTNERSHIP DBA BLUEGRASS CELLULAR	Shoreline Communications, Inc.	Falcon Community Cable, L.P.	WESTERN KENTUCKY UNIVERSITY	TRI COUNTY BROADCASTING CORPORATION DBA = WAIN RADIO	SHORELINE COMMUNICATIONS INC.	AMERICAN CHESTNUT TELEVISION, INC.	SBA Properties, Inc.	C&C TOWER RENTAL, LLC	TEXAS EASTERN COMMUNICATIONS, INC.	KENTUCKY, COMMONWEALTH OF DBA = KENTUCKY EMERGENCY WARNING SYSTEM	Cumberland Cellular Partnership d/b/a Bíuegrass Cellular	Shared Sites, LLC	Shared Sites, LLC
File Number	A0362/55	A0222586	A0506730	A0498515	A0052053	A0491463	A0379612	A0072860	A0490008	A0388624	A0392539	A0052873	A0362815	A0497952	A0512721
Status	Dismantled	Constructed	Granted	Constructed	Constructed	Granted	Constructed	Constructed	Constructed	Constructed	Constructed	Constructed	Constructed	Granted	Granted
Registration Number	1042800	<u>1043061</u>	1043197	4 1043978	1044249	1044964	1048811	<u>1062332</u>	1228813	10 <u>1243210</u>	1 1041289	12 <u>1044821</u>	13 1242039	14 <u>1252869</u>	15 1254374
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