

Shared Sites WV, LLC
1390 Chain Bridge Rd #40
McLean, VA 22101

April 30, 2007

Eric Bowman
Commonwealth Of Kentucky
Public Service Commission
211 Sower Blvd
PO Box 615
Frankfort, KY 40602-0615

RECEIVED

MAY 01 2007

**PUBLIC SERVICE
COMMISSION**

RE: Case# 2007-00063 & 2007-00132

Dear Mr. Bowman,

Enclosed, please find applications for Case# 2007-00063 (Snow) and Case# 2007-00132 (Zula). ✓

Please feel free to contact me with any questions regarding this information

Sincerely,



David Jantzi
Boulevard Properties, L.L.C.
315-523-6258 (mobile)
315-376-3333 (phone)
315-376-8139 (fax)
dave@blvdllc.com

Dave Jantzi representing Shared Sites WV, LLC
7383 Utica Blvd Lowville, New York 13367
Voice 315-376-3333 Fax 315-376-8139
Email dave@blvdllc

FOR THE PUBLIC RECORD

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

RECEIVED

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)
9096 W. HWY 90, MONTICELLO, KENTUCKY 42633)
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF CUMBERLAND)

MAY 01 2007

**PUBLIC SERVICE
COMMISSION**

Case No. 2007-00137

SITE NAME: ZULA

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 9096 W. Hwy 90, Monticello, Kentucky 42633. The WCF site is geographically

positioned at

36° 46' 44.49" North latitude, 84° 56' 33.70" West longitude.

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

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)
9096 W. HWY 90, MONTICELLO, KENTUCKY 42633)
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF CUMBERLAND)

RECEIVED

MAY 01 2007

**PUBLIC SERVICE
COMMISSION**

Case No. 2007-00132

SITE NAME: ZULA

UNIFORM APPLICATION: 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 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")

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 its 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

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.

6. The Applicants propose to construct a WCF at 9096 W. Hwy. 90, Monticello, KY 42633 (36° 46' 44.49" North latitude, 84° 56' 33.70" 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 Wayne Lumber Company, Inc.. 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

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**. Foundation design plans and a description of the standards according to which the tower was 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,

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 .

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 the tower and foundation design. The Tower Manufacturer is a nationally recognized manufacturer and designer of communication towers. The Tower Manufacturer has designed and installed communications towers throughout North America. The Tower Manufacturer has assigned Peter Jernigan and/or Kirk R. Hall, both professional engineers registered in the commonwealth of Kentucky, to design the Tower for the WCF. Both engineers specialize in the design and engineering of guyed, self support and monopole structures, and have 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 R. 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

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 Michael E. 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 Cumberland County Judge Executive by certified mail, return receipt requested, of the proposed construction. This notice informed the Cumberland 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 area. 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 Convenience and Necessity to construct and operate the WCF at the location set forth herein for the respective networks in the commonwealth of Kentucky.

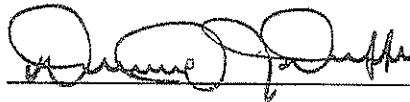
DBJ

Respectfully submitted,



Kamal Doshi
Shared Sites, 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

OKULL

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
- 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 WV, LLC

①
lm

State of West Virginia



Certificate

*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*

Betty Ireland

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.

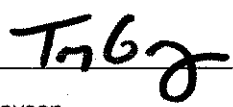
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 7th day of February, 2007.

Certificate Number: 43278

Jurisdiction: Boulevard Properties, LLC

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





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.

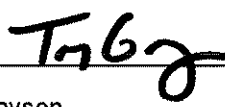
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 13th day of February, 2006.

Certificate Number: 26879

Jurisdiction: Shared Sites, LLC

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




Trey Grayson
Secretary of State
Commonwealth of Kentucky
26879/0576718

Delaware

PAGE 1

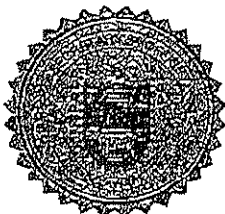
The First State

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.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2222565 8100M

AUTHENTICATION: 2856461

030845574

DATE: 01-07-04

EXHIBIT C

COPY OF FCC LICENSE FOR AMERICAN CELLULAR

**Federal Communications Commission
Wireless Telecommunications Bureau
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 KNKN666	File Number 0001571120
Radio Service CL - Cellular	
Market Number CMA447	Channel Block A
Sub-Market Designator 0	

Market Name
Kentucky 5 - Barren

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

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
2	037-18-06.0 N	085-55-41.0 W	285.1	78.9	1042214
Address	MUFORDVILLE SITE: 1 MI W				
City	County	State	Construction Deadline		
LEITCHFIELD	HART	KY			

Antenna: 1	Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT(meters)		129.600	113.300	180.500	171.200	159.600	156.200	136.700	159.500
Transmitting ERP(watts)		75.900	100.000	91.200	100.000	75.900	31.600	24.300	31.600

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
5	036-44-13.0 N	085-42-10.0 W	309.7	88.1	1042225
Address	TOMPKINSVILLE SITE: 3151 EDMONTON ROAD				
City	County	State	Construction Deadline		
TOMPKINSVILLE	MONROE	KY			

Antenna: 1	Azimuth (from true north)	0	45	90	135	180	225	270	315
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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
- Wildemess 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.

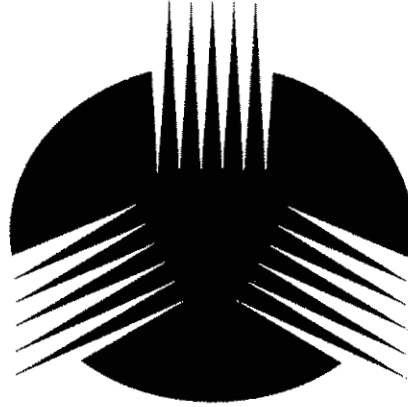
Sincerely,

Pete Jernigan, P.E.
TEP #070002.02



Kirk R. Hall, P.E.
EOM
Civil/Structural Group

1984 COFFMAN RD. SUITE C • NEWARK, OH 43055
PHONE: (740) 522-2287 • FAX: (740) 522-4929



WORLD TOWER

COMPANY, INC.

*1213 Compressor Drive
P.O. Box 508
Mayfield, KY 42066
270.247.3642
Fax: 270.247.1849
worldtower@worldtower.com
www.worldtower.com*

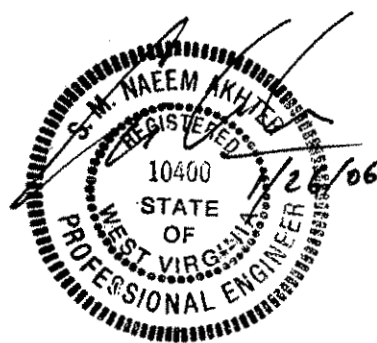
Fabrication, Installation, and Maintenance of TV, AM, FM, & Wireless Communications Towers



World Tower
COMPANY, INC.

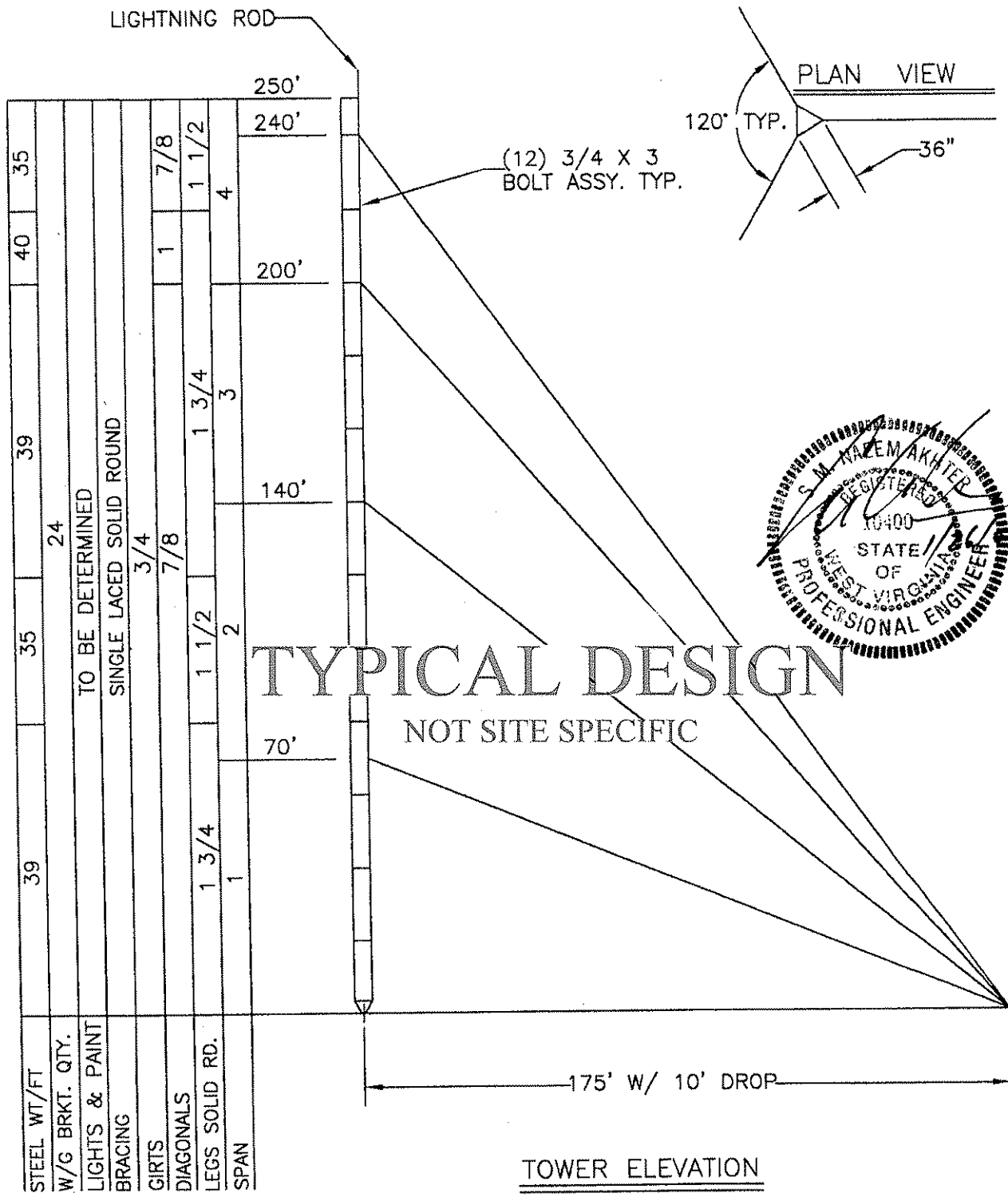
1213 Compressor Drive
P.O. Box 508
Mayfield, KY 42066
270-247-3642
FAX: 270-247-0909
E-mail: worldtower@worldtower.com
Web: www.worldtower.com

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

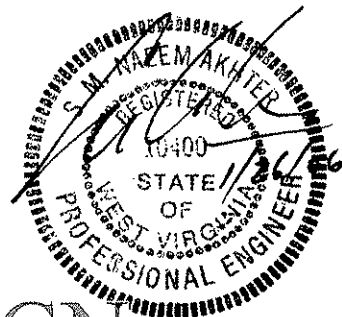


TYPICAL DESIGN
NOT SITE SPECIFIC

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



TYPICAL DESIGN
NOT SITE SPECIFIC



TOWER ELEVATION

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

WORLD TOWER

SCALE NONE	DWN. ✓ WDU	CKD. <i>WDU</i>	DATE 11-22-05
FILE	DWG. NO.		Q05749

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 DESIGN

NOT SITE SPECIFIC

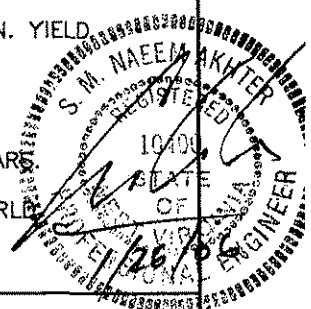
REACTIONS

BASE			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.
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 WORLD TOWER © 270-247-3642.



TITLE:

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

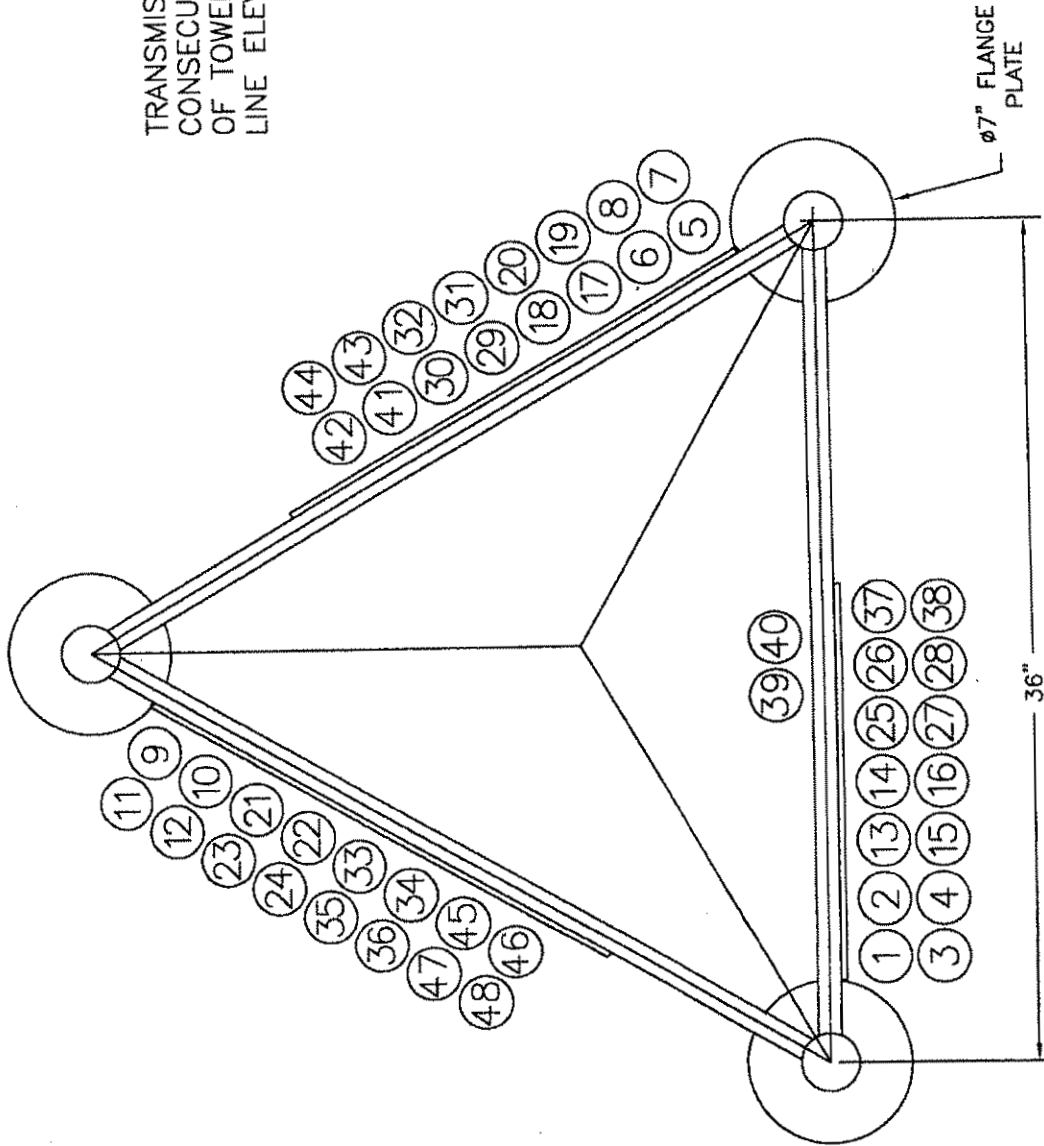
WORLD TOWER

SCALE	NONE	DWN. <input checked="" type="checkbox"/> WDU	CKD. <i>udu</i>	DATE 11-22-05
FILE	DWG. NO.		Q05749T	

TRANSMISSION LINES ARE NUMBERED
CONSECUTIVELY FROM TOP TO BOTTOM
OF TOWER. SEE DRAWING Q05749T FOR
LINE ELEVATIONS.

TYPICAL DESIGN

NOT SITE SPECIFIC



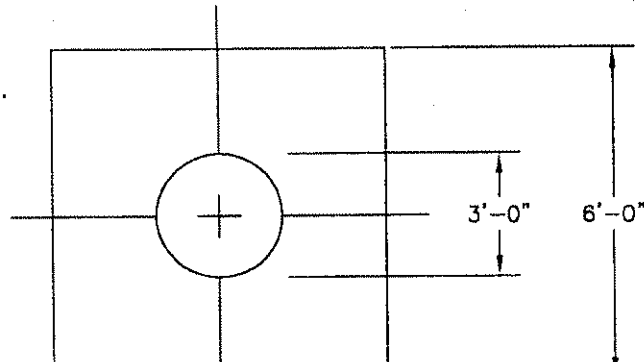
TITLE: WAVEGUIDE LOCATION DETAILS
TOTAL 48 LINES
SITE:

WORLD TOWER

SCALE	NONE	DWN.	WDU	CKD.	DATE	11-22-05
FILE		DWG. NO.	Q05749WG			

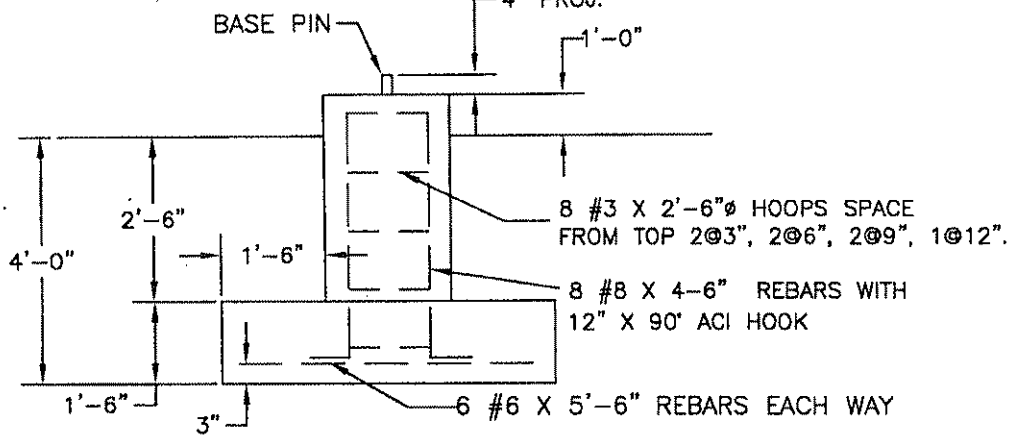


2.9 CU. YDS.
CONCRETE REQ'D.



TYPICAL DESIGN

NOT SITE SPECIFIC



GENERAL NOTES

1. CONCRETE TO HAVE 3000 PSI MIN. COMPRESSIVE STRENGTH AFTER 28 DAYS.
2. ALL REINFORCEMENT STEEL IS DEFORMED AND MEETS THE STRENGTH REQUIREMENTS OF ASTM A615 GRADE 60.
3. EMBEDDED STEEL TO HAVE 3" MIN. CONCRETE COVER.
4. FOUNDATION DESIGN IS BASED ON EIA NORMAL SOIL.

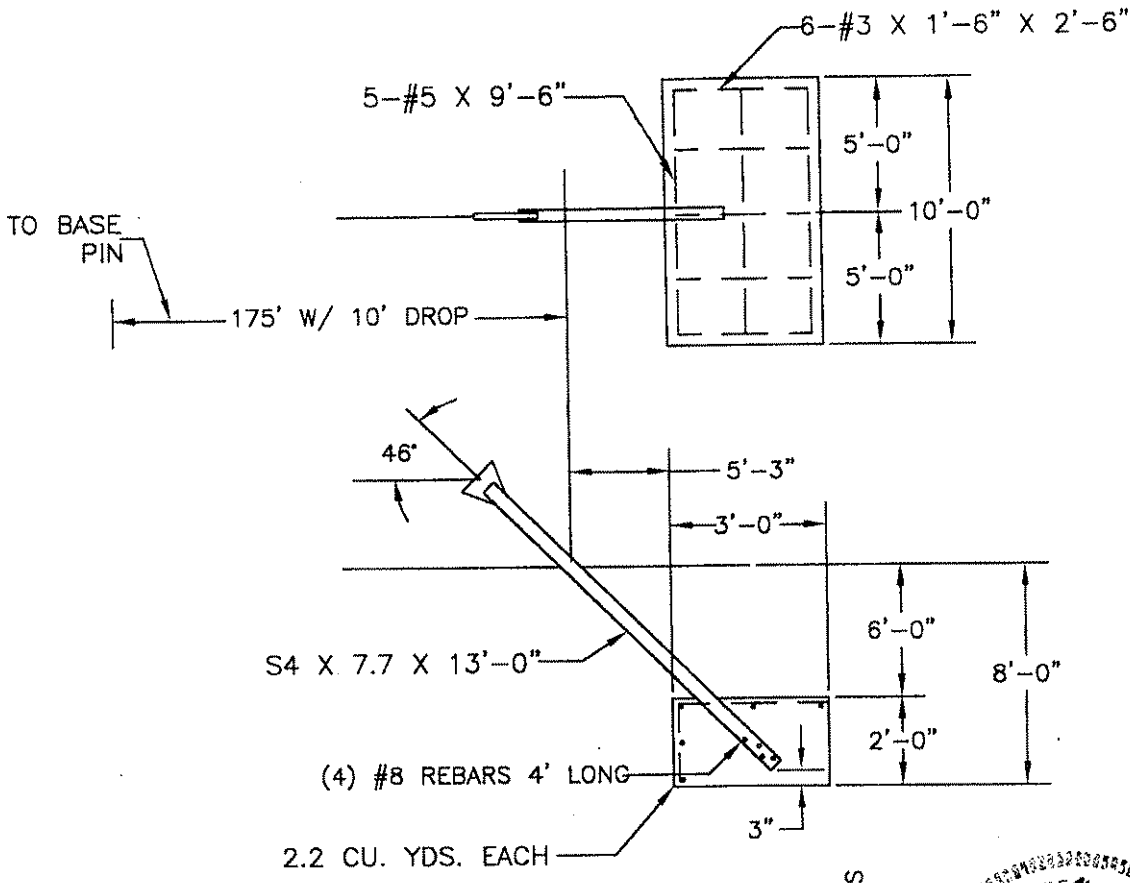
MAX REACTIONS		
SHEAR	1.00	KIPS
DOWNLOAD	103.0	KIPS



TITLE:
BASE DETAILS
250' TYPE 36SR TOWER
SITE:

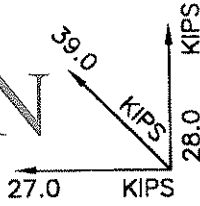
WORLD TOWER

SCALE	NONE	DWN. <input checked="" type="checkbox"/> WDU	CKD. <i>WDU</i>	DATE	11-22-05
FILE				DWG. NO.	Q05749B



TYPICAL DESIGN

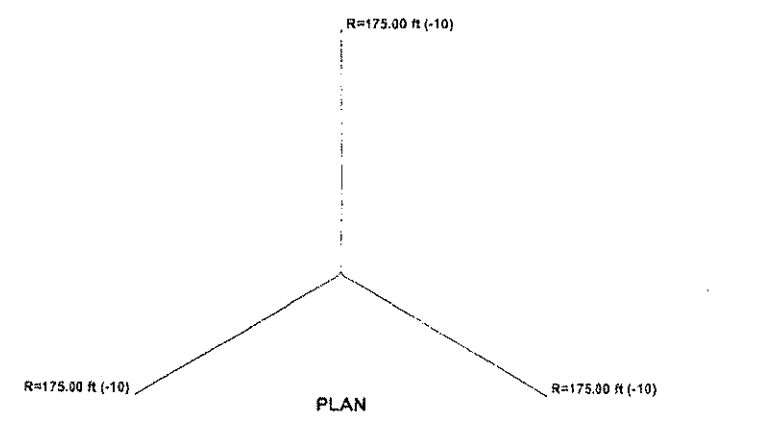
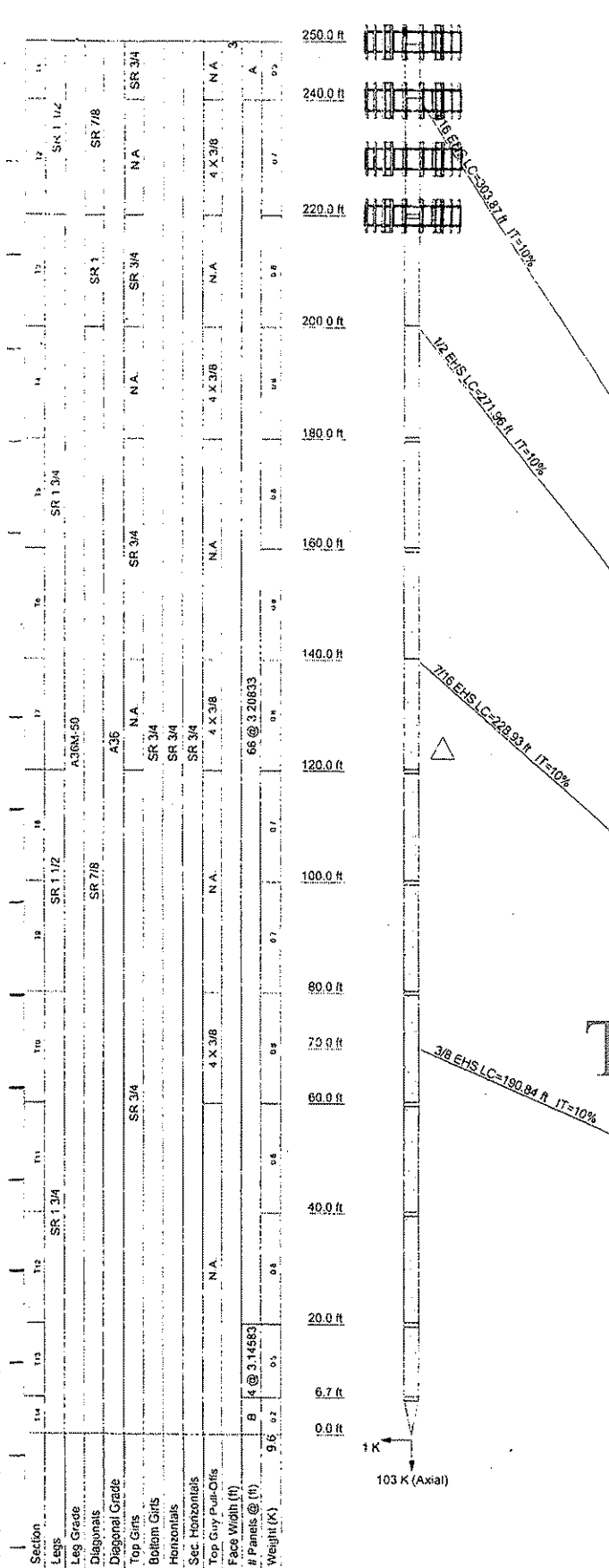
NOT SITE SPECIFIC



GENERAL NOTES

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.

<p>TITLE:</p> <p style="text-align: center;">ANCHOR DETAILS</p> <p style="text-align: center;">250' TYPE 36SR TOWER</p> <p>SITE:</p>	<h1 style="margin: 0;">WORLD TOWER</h1>								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">SCALE NONE</td> <td style="width: 25%;">DWN. WDU</td> <td style="width: 25%;">CKD.</td> <td style="width: 25%;">DATE 11-22-05</td> </tr> <tr> <td>FILE</td> <td colspan="3">DWG. NO. Q05749A</td> </tr> </table>	SCALE NONE	DWN. WDU	CKD.	DATE 11-22-05	FILE	DWG. NO. Q05749A			
SCALE NONE	DWN. WDU	CKD.	DATE 11-22-05						
FILE	DWG. NO. Q05749A								



APPURTENANCES

TYPE	ELEVATION	TYPE	ELEVATION
Flash Beacon Lighting	250	WLP13X36 LO PROFILE MOUNT#	230
WLP13X36 LO PROFILE MOUNT#	250	(4) PANEL 6' X 1' X 3' X 30#'	230
(4) PANEL 6' X 1' X 3' X 30#'	250	(4) PANEL 6' X 1' X 3' X 30#'	230
(4) PANEL 6' X 1' X 3' X 30#'	250	(4) PANEL 6' X 1' X 3' X 30#'	230
(4) PANEL 6' X 1' X 3' X 30#'	250	WLP13X36 LO PROFILE MOUNT#	220
WLP13X36 LO PROFILE MOUNT#	240	(4) PANEL 6' X 1' X 3' X 30#'	220
(4) PANEL 6' X 1' X 3' X 30#'	240	(4) PANEL 6' X 1' X 3' X 30#'	220
(4) PANEL 6' X 1' X 3' X 30#'	240	(4) PANEL 6' X 1' X 3' X 30#'	220
(4) PANEL 6' X 1' X 3' X 30#'	240		

SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	3 @ 3.08333	B	2 @ 2.95833

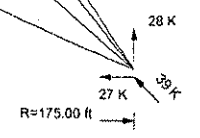
MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A36M-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

TOWER DESIGN NOTES

1. Tower designed for a 70.00 mph basic wind in accordance with the TIA/EIA-222-F Standard.
2. Tower is also designed for a 60.62 mph basic wind with 0.50 in ice.
3. TOWER RATING: 97.1%

TYPICAL DESIGN
NOT SITE SPECIFIC



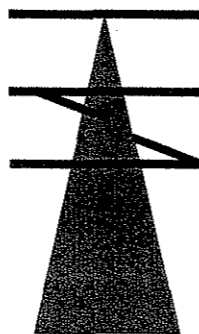
WORLD TOWER CO 1213 COMPRESSOR DRIVE MAYFIELD, KY 42066 Phone: 270 247 3642 FAX: 270 247 0909	Job: 250' Type 36SR Tower / WTC Run#C511-135
	Project: Site:
	Client: Shared Towers Drawn by: Chris Dodson App'd: <i>[Signature]</i>
	Code: TIA/EIA-222-F Date: 11/23/05 Scale: NTS
	Path: \\Server\server\PERI TOWER FILES\C511-135.dwg Dwg No. E-1

EXHIBIT E

SITE DEVELOPMENT PLAN

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

PROPOSED WIRELESS COMMUNICATIONS FACILITY



ZULA SHARED SITES WV, LLC

1390 CHAIN BRIDGE ROAD #40, MCLEAN, VA 22101

UTILITY INFORMATION:

TELEPHONE SERVICE:

WINDSTREAM COMMUNICATIONS
1-800-843-9214

ELECTRIC SERVICE:

SOUTH KENTUCKY RURAL ELECTRIC
COOPERATIVE CORPORATION
1-800-264-5112

HANDICAPPED REQUIREMENTS

FACILITY IS UNMANNED AND NOT FOR HUMAN
HABITATION. HANDICAPPED ACCESS NOT REQUIRED

PLUMBING REQUIREMENTS

FACILITY HAS NO PLUMBING

EXISTING PROJECT SITE SUMMARY

COUNTY:	WAYNE
SITE COORDINATES:	N 36° 48' 45.49" LAT. W 84° 56' 34.70" LONG.
ELEVATION:	1300' AMSL
SITE ADDRESS	9096 W. HWY 90 MONTICELLO, KY 42633
PROPERTY OWNER:	WAYNE LUMBER CO. P.O. BOX 576 MONTICELLO, KY 42633
CONTACT NAME:	DAVE JANTZI 7383 UTICA BOULEVARD LOWVILLE, NY 13367
CONTACT TEL NO.:	315-523-6258
SITE NAME:	ZULA

SHARED SITES WV, LLC

DATE: _____
REPRESENTATIVE SIGNATURE

DATE: _____
OWNER APPROVAL

DATE: _____
REPRESENTATIVE SIGNATURE

DATE	DESCRIPTION	DRAWING INDE
	TITLE SHEET	
	C1 SURVEYED SITE PLAN	
	C2 OVERALL SITE PLAN AND GENERAL NC	
	C3 DETAILED SITE PLAN	
	C4 SECTIONS	
	C5 TOWER ELEVATION, ANTENNA PLAN & ANTENNA SCHEDULE	
	F1 GENERAL FENCING DETAILS AND GENERAL NOTES	
	S1 ICE BRIDGE AND FOUNDATION DE & STRUCTURAL NOTES	
	S2 STRUCTURAL, FOUNDATION AND S DETAILS	
	E1 SINGLE LINE DIAGRAM AND ELECTRICAL NOTES	
	E2 GROUNDING SITE PLAN AND GROUNDING RISER DIAGRAM	
	E3 ELECTRICAL DETAILS	

AMERICAN CELLULAR CORPORATION

CONTACT: RICHARD PENNINGTON
1245 KEENELAND DRIVE
RICHMOND, KY 40475
OFFICE: (859) 544-5820
FAX: (859) 544-5858

ANTENNA / TOWER

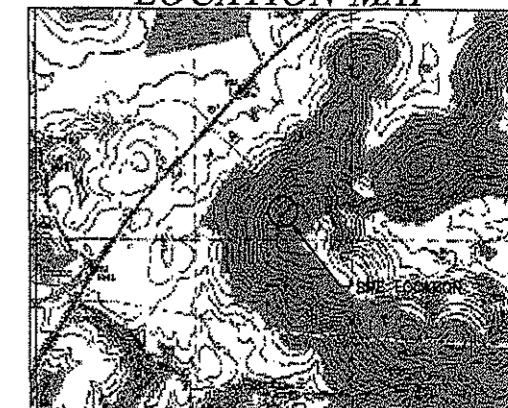
ENGINEERS / ARCHITECTS



Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS

126 Lakeview Drive, Morgantown, WV 26508
TEL: (304) 225-2245 FAX: (304) 225-2246
E-Mail Address: potesta@potesta.com

LOCATION MAP

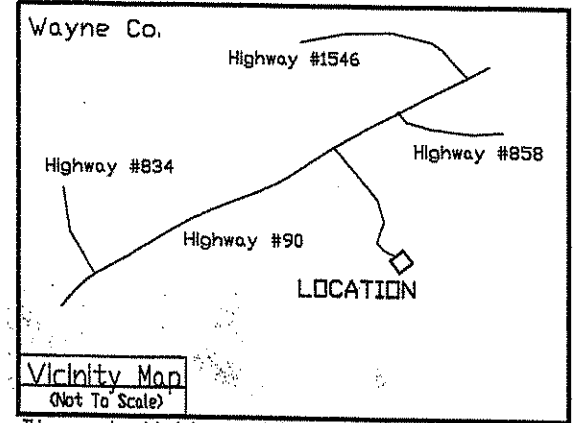


DIRECTIONS :

FROM S LIMESTONE / US-27. CONTINUE TO FOLLOW US-27 S. US-27 S BECOMES
US-27 S. TURN RIGHT ONTO KY-90.

PROJECT NAME : ZULA
MONTICELLO, KY 42633

DATE : 04/27/07



This survey is subject to any and all easements, restrictions, and right-of-ways of record at this time.

LEGEND

P.O.B.	Point of Beginning
R/W	Right of Way
P/L	Property Line
○	1/2" x 18" re-bar Pin (Set) with Cap #3318
⊕	Tower Center
—	New Division Line (for Lease)
— — —	Center Line of Right-of-Way Easement
— — —	Guy Lines
⊕	P.K. Nail Set

Surveyor Certification
 I hereby certify that the survey depicted by this plat was done under my direct supervision by the method of Random Traverse with side shots and the unadjusted precision ratio of the traverse was 1/16,582.78'. This survey is a Class 'B' survey and meets the Minimum Standards required by the State of Kentucky as defined by KRS 322.

Michael E. McKinney PLS #3318
 County Surveyor (Adair County-Columbia)

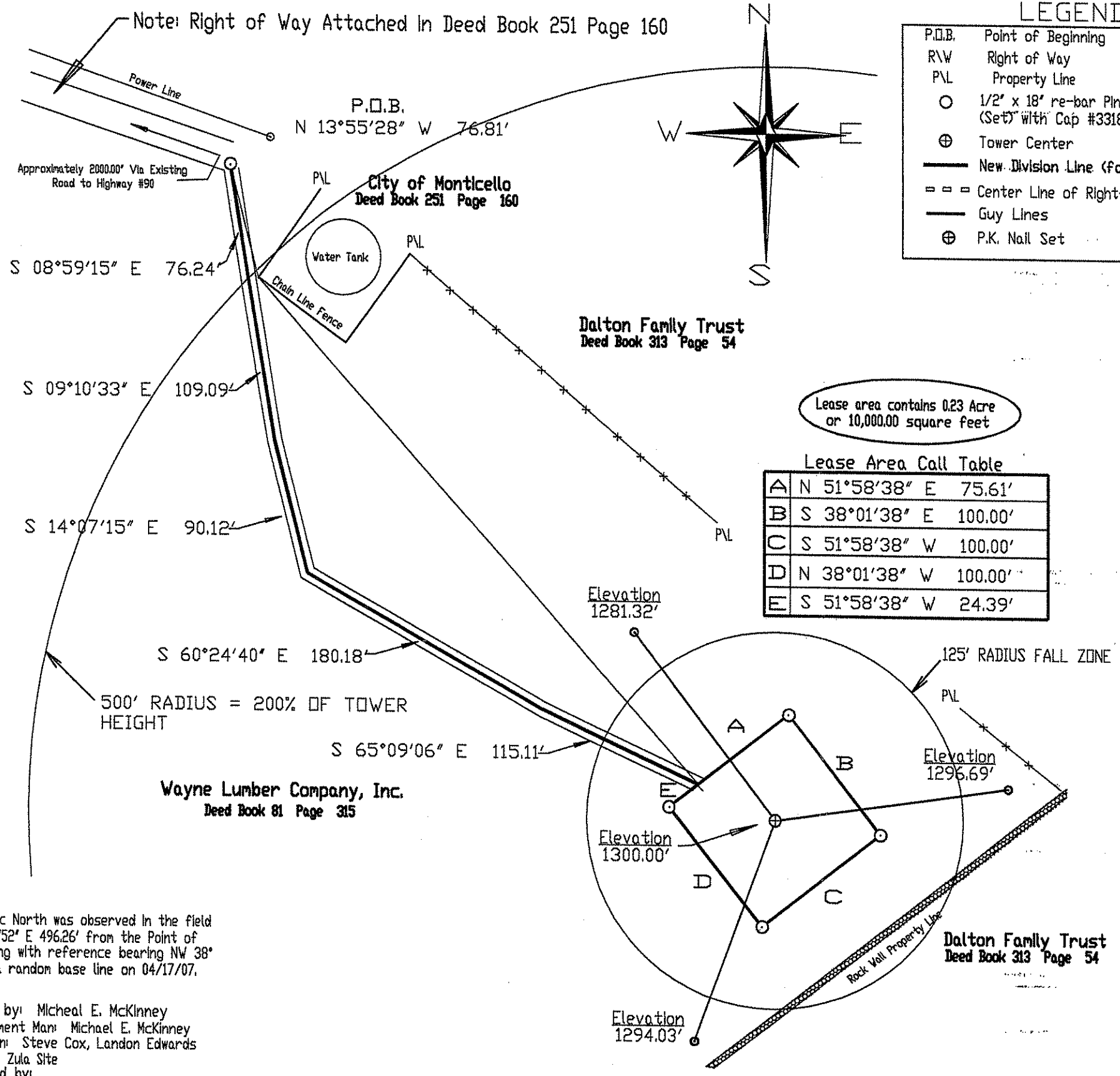
REV.	DATE	DESCRIPTION

ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633
 SURVEYED SITE PLAN

DATE	DESCRIPTION
04/27/07	BLB
04/27/07	SAB
04/27/07	DBS

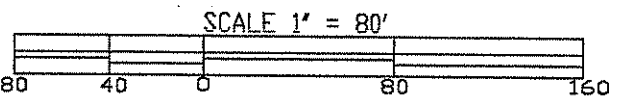
JOB NO.
 06-0562-19

C1



Magnetic North was observed in the field S 44°01'52" E 496.26' from the Point of Beginning with reference bearing NW 38° along a random base line on 04/17/07.

Drawn by: Micheal E. McKinney
 Instrument Man: Michael E. McKinney
 Rod Man: Steve Cox, Landon Edwards
 File Dct: Zula Site
 Checked by: _____



Lease Survey for

Shared Sites, L.C.C.
 1390 Chain Bridge Road #40
 McLean, VA 22101

Property Owner:
Wayne Lumber Company, Inc.
 9096 W. Hwy. #90
 Monticello, KY 42633

Recorded In: Deed Book 178 Page 540 County: Wayne County

Type of Survey: New Division Survey for Purpose of Lease

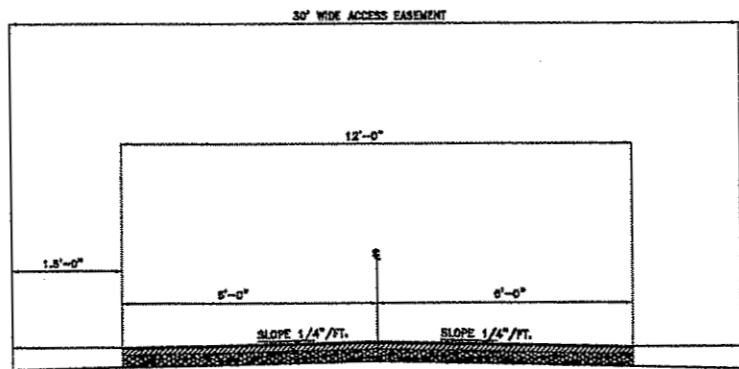
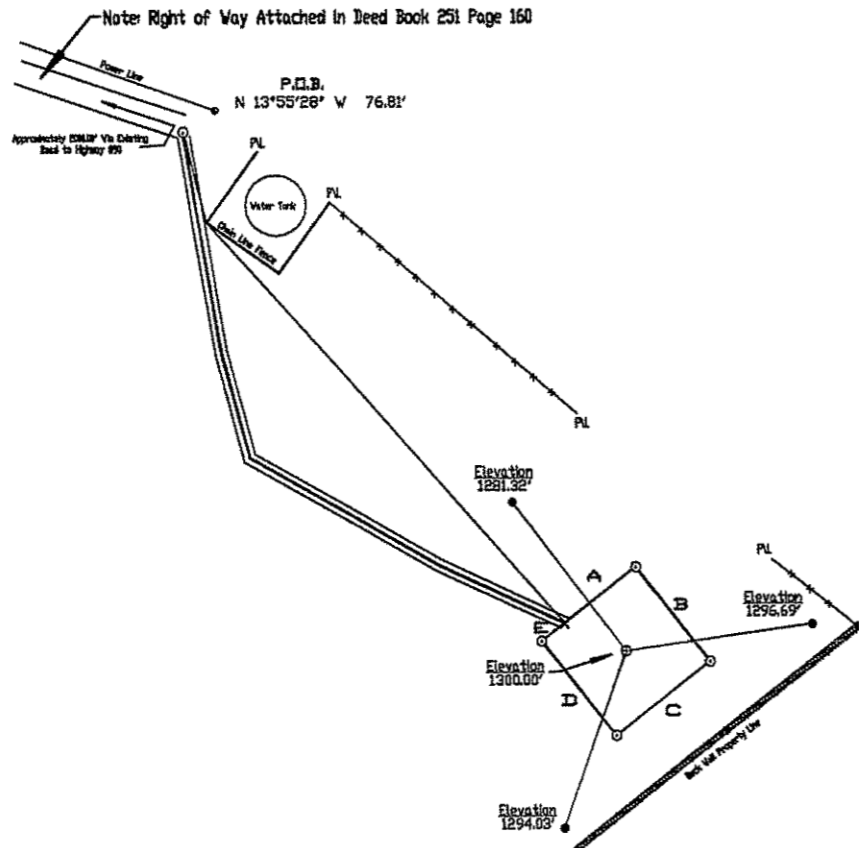
State: Commonwealth of Kentucky Plat Date: April 17, 2007

McKinney Land Surveying
 103 South Reed Street Columbia, KY 42728 (270)384-5293 floydboxer@yahoo.com

2007 Plat: 06-0562-19 MAKE SURE YOU HAVE THE RIGHT PLAT FOR THE RIGHT JOB. THE RIGHT PLAT IS THE ONE WITH THE RIGHT JOB NUMBER.

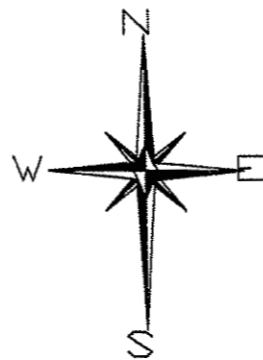
CLOSE OUT DOCUMENTATION

1. THE CONTRACTOR SHALL MAINTAIN TWO (2) COMPLETE AS-BUILT SET OF PLANS AND CONDITIONS, AND SUBMIT SAME TO SHARED SITES WY, LLC, WITHIN 7 DAYS OF COMPLETION OF CONSTRUCTION. THE AS-BUILT PLANS SUBMITTED TO THE PROJECT MANAGER SHALL INCLUDE A DRAWING WITH DIMENSIONS SHOWING THE LOCATION OF THE UNDERGROUND UTILITIES, GROUNDING GRID, BUILDING, EXISTING TOWER, ANTENNA ORIENTATION, AND FENCE WITHIN THE LEASE AREA.
2. THE CONTRACTOR SHALL OBTAIN AMERICAN CELLULAR GROUND FIELD RESISTANCE TEST FORM AND PERFORM ALL SITE GROUND TESTING PER AMERICAN CELLULAR REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE COMPLETED TEST FORM TO AMERICAN CELLULAR AT CLOSE OUT.
3. THE CONTRACTOR SHALL PROVIDE DIGITAL PHOTOS ON CD TO SHARED SITES AT CLOSE OUT. PHOTOS SHALL INCLUDE, BUT NOT LIMITED TO ANTENNAS, ANTENNA MOUNTS, GROUNDING, WEATHERPROOFING, ICE BRIDGE, COAX CABLES AND ALL OTHER PICTURES DESCRIBED IN AMERICAN CELLULAR AND SHARED SITES STANDARDS.



TYPICAL ROAD SECTION

R.T.S.



GENERAL NOTES

1. CONTRACTOR SHALL NOTIFY THE FOLLOWING AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY CONSTRUCTION OPERATIONS ON THE SITE AND ANY OTHER UTILITY COMPANY THAT IS A NON-MEMBER OF THESE SERVICES:
 KENTUCKY UNDERGROUND PROTECTION, INC. 1-800-752-8007
 AMERICAN CELLULAR
 DAVID GINTER: 859-544-5805; F. 859-544-5858; M. 859-544-5000;
 EMAIL: david.ginter@dcbbm.net
 MR. RICHEL PENNINGTON: 859-544-5820
 EMAIL: richel.pennington@dcbbm.net
2. SHARED SITES
 DAVE JANTZI: 315-376-3333; F. 315-376-8139; M. 315-523-6258
 EMAIL: dave@bivdlc.com
3. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, INCLUDING SUBSURFACE CONDITIONS. THE CONTRACTOR IS HEREBY MADE AWARE THAT NO GEOTECHNICAL REPORT HAS BEEN PRODUCED OR USED IN PREPARATION OF THESE DOCUMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND VERIFY THE REQUIRED ALLOWABLE BEARING CAPACITY AT THE FOUNDATION BEARING ELEVATIONS, INCLUDING THE SUBSURFACE CONDITIONS AND EMBANKMENT STABILITY. IF UNSUITABLE SOILS SUCH AS ORGANIC SOIL, GRANULAR FILL OR RUBBLE FILL ARE PRESENT, THE CONTRACTOR SHALL NOTIFY SHARED SITES IMMEDIATELY FOR FURTHER INSTRUCTIONS PRIOR TO PLACEMENT OF CONCRETE. ALL RECOMMENDATIONS FOR THIS SITE FROM ANY GEOTECHNICAL REPORT OR ENGINEER SHALL BE PERFORMED. THE CONTRACTOR SHALL OBTAIN PERMISSION OF OWNER VIA SHARED SITES PRIOR TO SITE ENTRY FOR THE PURPOSE OF VERIFICATION OF EXISTING SITE CONDITIONS.
4. ALL DIMENSIONS ARE BASED ON TAPE MEASUREMENTS AND NOT BASED ON A FORMAL SURVEY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO PURCHASE OF MATERIAL AND PRIOR TO ESTIMATING JOB COSTS. IF CONFLICTS ARE OBSERVED NOTIFY ENGINEER IMMEDIATELY.
5. CONTRACTOR SHALL PROVIDE CERTIFIED COPIES OF ALL LABORATORY TESTS TO SHARED SITES AT THE COMPLETION OF THE TESTS. SPECIFICALLY CONCRETE COMPRESSIVE STRENGTH AND GEOTECHNICAL RESULTS.
6. EXISTING UTILITIES ARE SHOWN FROM EXISTING PLANS AND ARE NOT NECESSARILY COMPLETE OR ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, EXPOSE, AND DETERMINE IF CONFLICTS EXIST WITH THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IN ORDER TO RESOLVE ANY CONFLICTS. EXISTING UTILITIES DAMAGED SHALL BE REPAIRED OR REPLACED, AS NEEDED, IN LIKE KIND AND CHARACTER, AND AT THE EXISTING GRADE PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY LINES AND GROUNDING PRIOR TO ANY EXCAVATION, AND CONTRACTOR SHALL HAND DIG IN THE VICINITY OF ALL EXISTING LINES.
8. CONTRACTOR SHALL CONCRETE ENCASE ANY EXISTING CONDUITS PASSING UNDER NEW SHELTERS. (3" MIN. COVER ALL SIDES, 4000 PSI CONC.)
9. CONTRACTOR SHALL MAINTAIN THE DISTANCE OF 12" BETWEEN EXISTING/NEW TELCO & ELECTRIC CONDUITS UNLESS NOTED OTHERWISE.
10. ALL WORK SHALL BE CONFINED TO THE LEASE AND/OR ACCESS AREAS (EXCEPT GRADING), UNLESS AGREEMENT AND CONSENT OF THE PROPERTY OWNER IS OBTAINED IN WRITING. EASEMENTS AND LEASE LIMITS SHALL BE VERIFIED IN WRITING PRIOR TO STARTING CONSTRUCTION. AGREEMENTS TO WORK IN THESE AREAS IS BY OTHERS NOT POTESTA & INC. ASSOCIATES.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF ALL GOVERNING AGENCIES THAT REQUIRE SITE INSPECTION OF THE WORK AND/OR SIMPLY NOTIFICATION.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PROPERTY RESULTING FROM THE CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO PAVEMENT, FINISHED GRADES, LANDSCAPING, BUILDINGS, SURVEY MARKERS, ETC.
13. CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL REQUIRED TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR GOVERNING LOCAL AGENCY AS REQUIRED.
14. CONTRACTOR SHALL PERFORM GRADING AND FINISH GRADE THE SITE IN SMOOTH AND CONTINUOUS SLOPES, REMOVE EXCESS EXCAVATION FROM THE SITE, AND PROVIDE CLEAN ENGINEERED BACKFILL WHERE NEEDED FROM OFF SITE.
15. CONTRACTOR SHALL AT THE COMPLETION OF WORK REMOVE ALL DEBRIS FROM THE SITE AND AREAS DISTURBED, PERFORM FINAL GRADING, AND SEED AND MULCH ALL AREAS DISTURBED (WHERE APPLICABLE).
16. CONTRACTOR SHALL RETURN ALL DISTURBED AREAS WITHIN EXISTING GRAVEL COMPOUND BACK TO ITS ORIGINAL CONDITION UTILIZING MATERIALS OF LIKE KIND AND CHARACTER AS REMOVED.
17. IF THE SITE INCLUDES AN EXISTING COMPOUND, THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY AND SECURITY OF THE EXISTING GRAVEL COMPOUND AND SHALL RESTORE THE COMPOUND TO ITS ORIGINAL CONDITION UPON COMPLETION OF CONSTRUCTION ACTIVITIES. IF THERE IS A GEOTEXTILE FABRIC PRESENT BELOW THE EXISTING GRAVEL COMPOUND THE CONTRACTOR SHALL PROVIDE A PATCH TO THE FABRIC IN ANY LOCATION WHERE IT IS BROKEN, CUT OR TORN. THE PATCH SHALL CONSIST OF MATCHING OR APPROVED EQUAL FABRIC TO THAT WHICH IS DAMAGED AND SHALL EXTEND ONE (1') FOOT BEYOND THE BREAK IN ALL DIRECTIONS.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR ATTACHING OR SECURING ANY ACCESSORY OR LOOSE ITEMS THAT ARE SHIPPED WITH THE RADIO EQUIPMENT, I.E. TIE DOWN PLATES, ETC.; AND SHALL INCLUDE THIS WORK IN THE INSTALLATION PORTION OF THE BID.
19. RADIO EQUIPMENT:
 CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIAL FOR THE PROPER LIFTING AND SETTING OF THE RADIO EQUIPMENT FROM THE TRANSPORT TRUCK BED TO THE FINAL POSITION ON THE CONCRETE FOUNDATION. THE EQUIPMENT SHALL BE LIFTED INTO PLACE BY USING A MINIMUM OF FOUR (4) NYLON LIFTING STRAPS. EACH STRAP SHALL BE RATED AT 6,000# EACH.
20. TOWER ANALYSIS:
 EXISTING TOWER IF EXISTING AND FOUNDATION ANALYSIS ARE BY OTHERS NOT POTESTA & ASSOCIATES, INC. THE CONTRACTOR SHALL OBTAIN AND BECOME FAMILIAR WITH THIS DOCUMENT AND VERIFY COAX ROUTING AND ALL MOUNT ELEVATIONS.
21. AMERICAN CELLULAR SHALL FURNISH ANTENNAS FRAMES, ANTENNAS AND COAX CABLES. CONTRACTOR SHALL INSTALL.
22. CONTRACTOR MATERIAL DELIVERIES:
 CONTRACTOR SHALL COORDINATE WITH OWNER (SHARED SITES) ON DELIVERIES OF ALL EQUIPMENT & MATERIAL FURNISHED BY OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR PICKUP OF EQUIPMENT & MATERIAL FROM OWNERS FACILITIES AND DELIVER TO SITE. MULTIPLE VISITS MAY BE REQUIRED FOR HARDWARE AND RADIO EQUIPMENT - COORDINATE WITH OWNER. CONTRACTOR SHALL SCHEDULE WITH OWNER NOT LESS THAN 24 HOURS IN ADVANCE.

POTESTA
Potesta & Associates, Inc.
 ENGINEERS AND ENVIRONMENTAL CONSULTANTS
 125 Lakeside Drive, Morgantown, WV 26508
 TEL: (304) 225-2245 FAX: (304) 225-2246
 E-Mail Address: potesta@potesta.com

REV.	DATE	DESCRIPTION

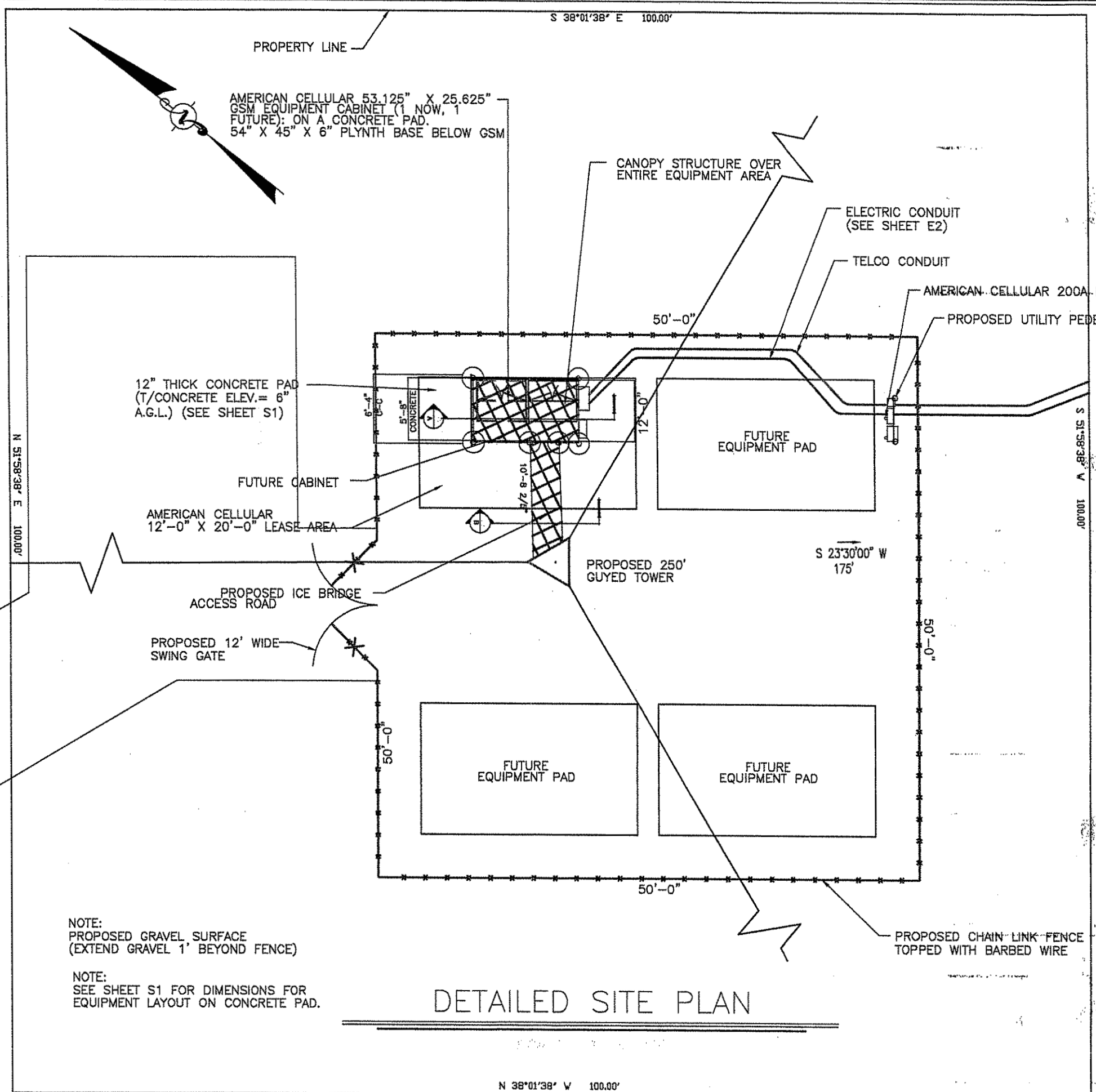
ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633
**OVERALL SITE PLAN
 AND GENERAL NOTES**

REV.	DATE
BLB	04/27/07
SAB	04/27/07
DBS	04/27/07

JOB NO.
 06-0562-19

C2

NOT FOR CONSTRUCTION. THESE PLANS ARE THE PROPERTY OF POTESTA & ASSOCIATES, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF POTESTA & ASSOCIATES, INC. DATE: 04/27/07



NOTE:
 PROPOSED GRAVEL SURFACE
 (EXTEND GRAVEL 1' BEYOND FENCE)

NOTE:
 SEE SHEET S1 FOR DIMENSIONS FOR
 EQUIPMENT LAYOUT ON CONCRETE PAD.

DETAILED SITE PLAN

REV.	DATE	DESCRIPTION

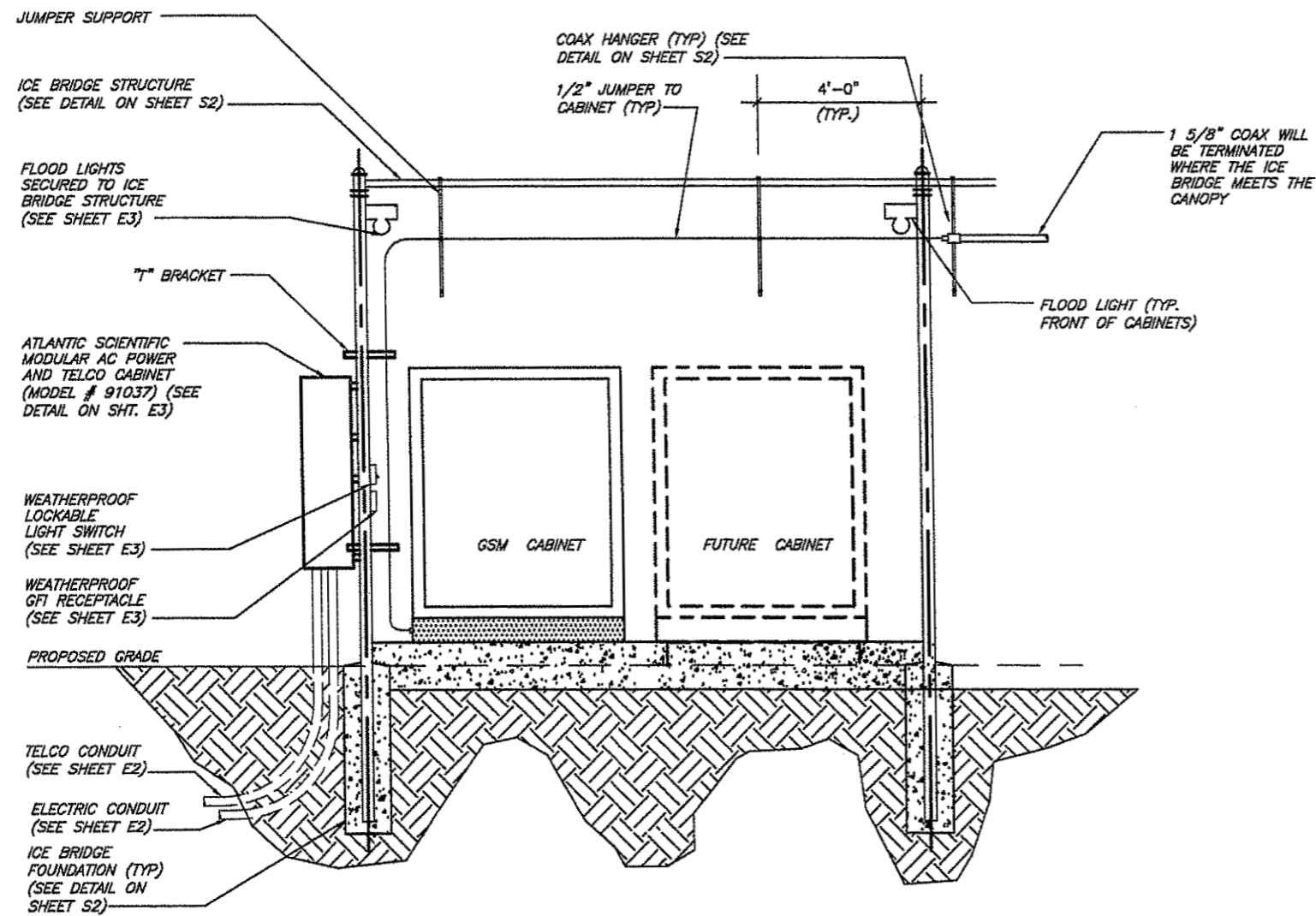
ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633
DETAILED SITE PLAN

DATE
04/27/07
04/27/07
04/27/07

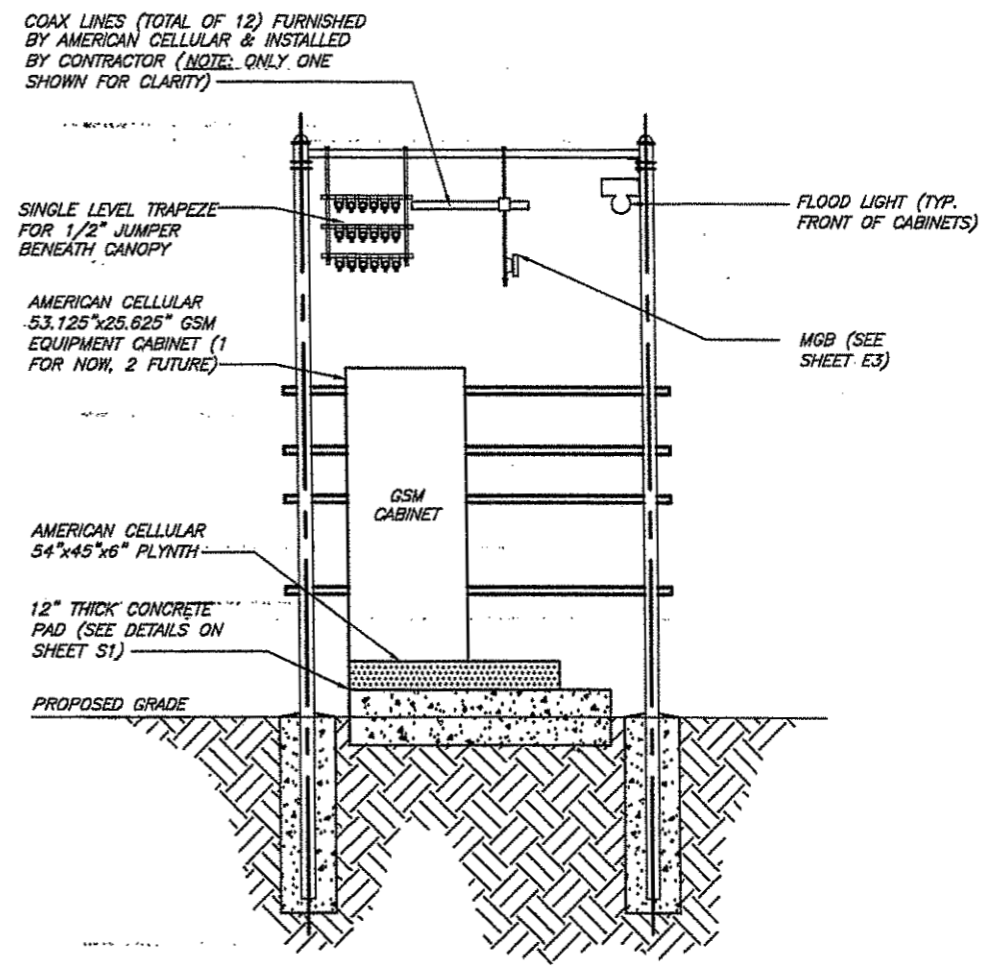
JOB NO.
 06-0562-19

C3

PLOT FILE: POTESTA-19-00001.DWG PLOT DATE: 04/27/07
 PLOT FILE: POTESTA-19-00001.DWG PLOT DATE: 04/27/07
 PLOT FILE: POTESTA-19-00001.DWG PLOT DATE: 04/27/07
 PLOT FILE: POTESTA-19-00001.DWG PLOT DATE: 04/27/07



SECTION A
 SCALE: 1" = 4'-0"



SECTION B
 SCALE: 1" = 3'

REV.	DATE	DESCRIPTION

ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633

SECTIONS

NO.	DATE
BLB	04/27/0
SAB	04/27/0
DBS	04/27/0

JOB NO.
 06-0562-19

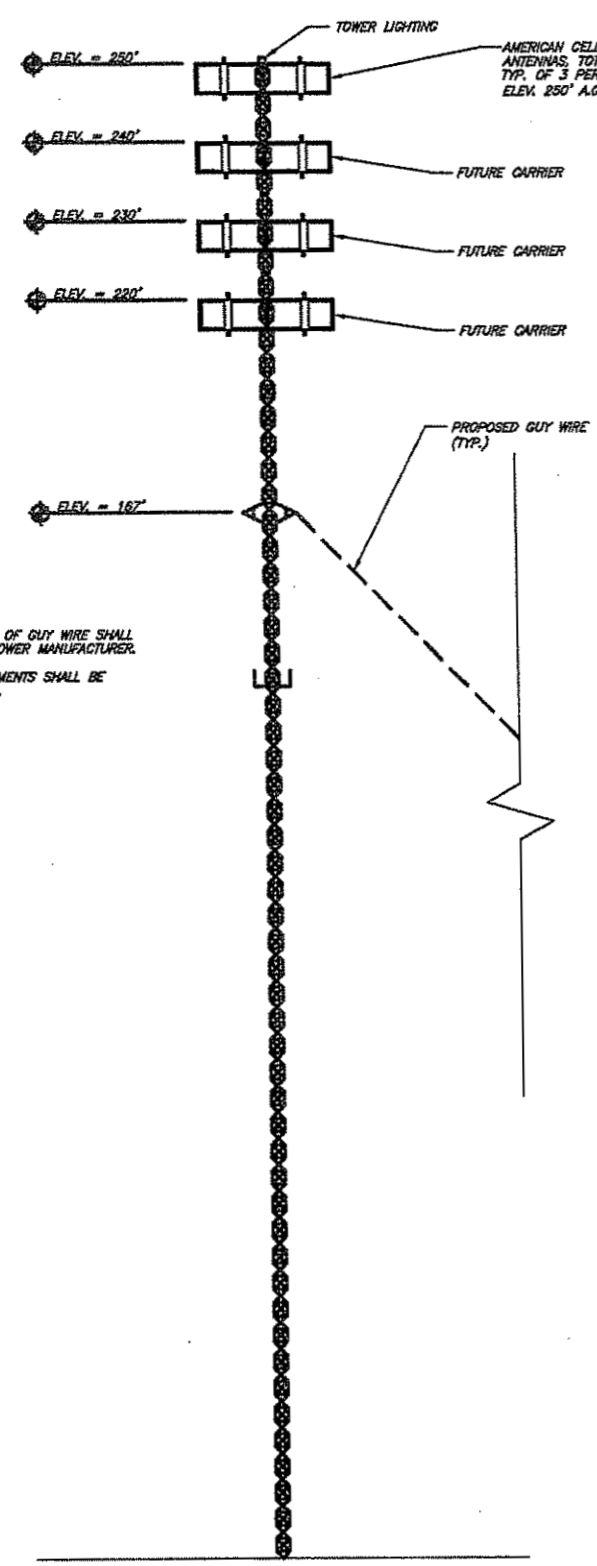
C4

100% Final Design - 100% Construction Documents - 100% Construction Administration
 Project: ZULA - 9096 W. HWY 90, MONTICELLO, KY 42633
 Date: 04/27/00
 Drawn by: [Name]
 Checked by: [Name]
 Project No: 06-0562-19

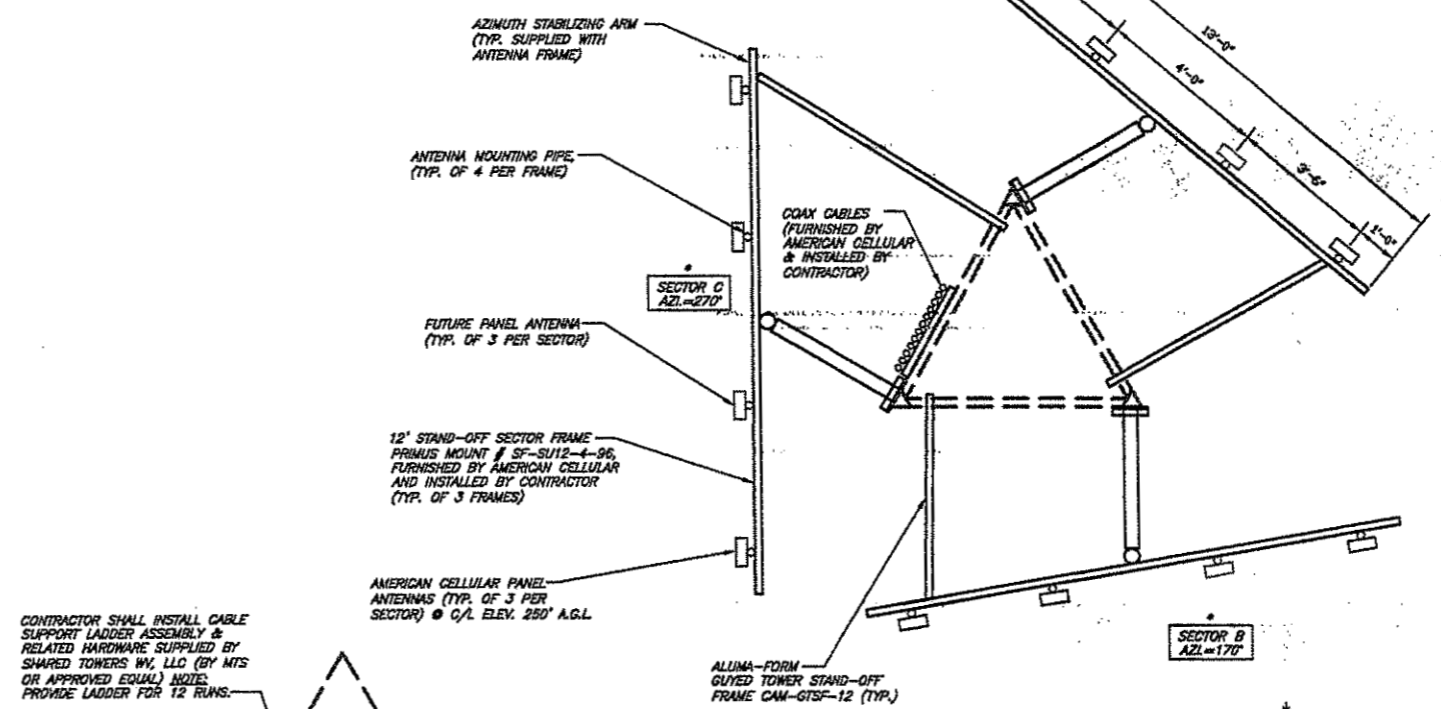
MAGNETIC DECLINATION IS 4° 21'



Potesta & Associates, Inc.
 ENGINEERS AND ENVIRONMENTAL CONSULTANTS
 125 Leavenworth Drive, Morgantown, WY 26608
 TEL: (304) 225-2245 FAX: (304) 225-2246
 E-Mail Address: potesta@potesta.com

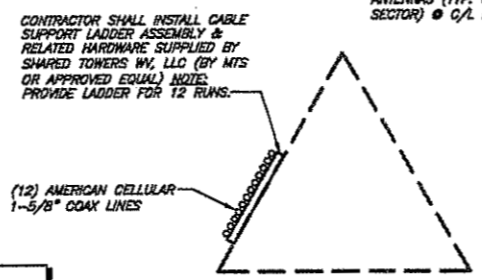


NOTE: ELEVATION OF GUY WIRE SHALL BE VERIFIED BY TOWER MANUFACTURER.
 LIGHTING REQUIREMENTS SHALL BE VERIFIED WITH FMA.



ANTENNA PLAN
N.T.S.

* VERIFY WITH SHARED TOWERS PRIOR TO INSTALLATION. CONTRACTOR SHOULD OBTAIN FULL INSTALLATION DETAILS IN WRITING.



COAX LAYOUT
N.T.S.

NOTE: ALL EXISTING CONDITIONS WITHIN THE SCOPE OF WORK SHALL BE FIELD VERIFIED PRIOR TO START OF CONSTRUCTION.

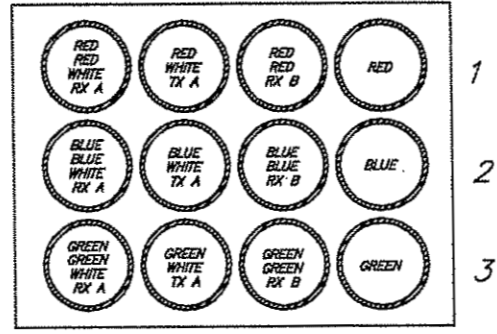
NOTE: ALL COAX RUNS SHALL BE INSTALLED IN A NEAT AND ORDERLY FASHION AS DICTATED BY EXISTING CONDITIONS.

CONTRACTOR SHALL INSTALL CABLE SUPPORT LADDER ASSEMBLY & RELATED HARDWARE SUPPLIED BY SHARED TOWERS WY, LLC (BY MTS OR APPROVED EQUAL) NOTE: PROVIDE LADDER FOR 12 RUNS.

(12) AMERICAN CELLULAR 1-5/8" COAX LINES

ANTENNA SCHEDULE			
SECTOR	A	B	C
AZIMUTH	*40°	*170°	*270°
RAD CENTER (A.G.L.)	250'-0"	250'-0"	250'-0"
INITIAL ANTENNAS PER SECTOR	3	3	3
ANTENNA TYPE	PANEL	PANEL	PANEL
ANTENNA MFR.	SWEDCOM	SWEDCOM	SWEDCOM
ANTENNA MODEL No.	SC4015	SC-E8014-DIN	SC8012-DIN
MECHANICAL DOWNTILT	5°	5°	5°
ELECTRICAL DOWNTILT	0°	0°	0°
HELIX SIZE	1-5/8" DIA.	1-5/8" DIA.	1-5/8" DIA.

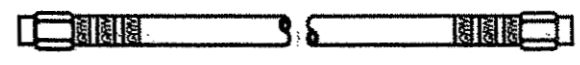
ANTENNA COLOR CODING SCHEDULE			
SECTOR	A	B	C
ANTENNA 1	RED, RED, WHITE	BLUE, BLUE, WHITE	GREEN, GREEN, WHITE
ANTENNA 2	RED, WHITE	BLUE, WHITE	GREEN, WHITE
ANTENNA 3	RED, RED	BLUE, BLUE	GREEN, GREEN
ANTENNA 4	OPEN PIPE (RED)	OPEN PIPE (BLUE)	OPEN PIPE (GREEN)



COAX ENTRY SCHEDULE
NO SCALE

NOTE: COAX SCHEDULE MAY BE ADJUSTED IN THE FIELD PRIOR TO CONSTRUCTION.
 NOTE: AS VIEWED WITH BACK TO TOWER, FACING EQUIPMENT CABINET.

* VERIFY WITH SHARED TOWERS PRIOR TO INSTALLATION. CONTRACTOR SHOULD OBTAIN FULL INSTALLATION DETAILS IN WRITING.



- COLOR BAND ON MAIN LINE TO BE 1" WIDE WITH 1" SPACE MIN. OF 3 WRAPS
- COLOR BAND ON JUMPERS TO BE 1" WIDE WITH 1" SPACE MIN. OF 3 WRAPS
- START COLOR BANDS 2" BEYOND WEATHER-PROOFING
- START SECTOR COLOR NEXT TO END CONNECTOR

COLOR CODING
NO SCALE

TOWER ELEVATION
N.T.S.

REV.	DATE	DESCRIPTION

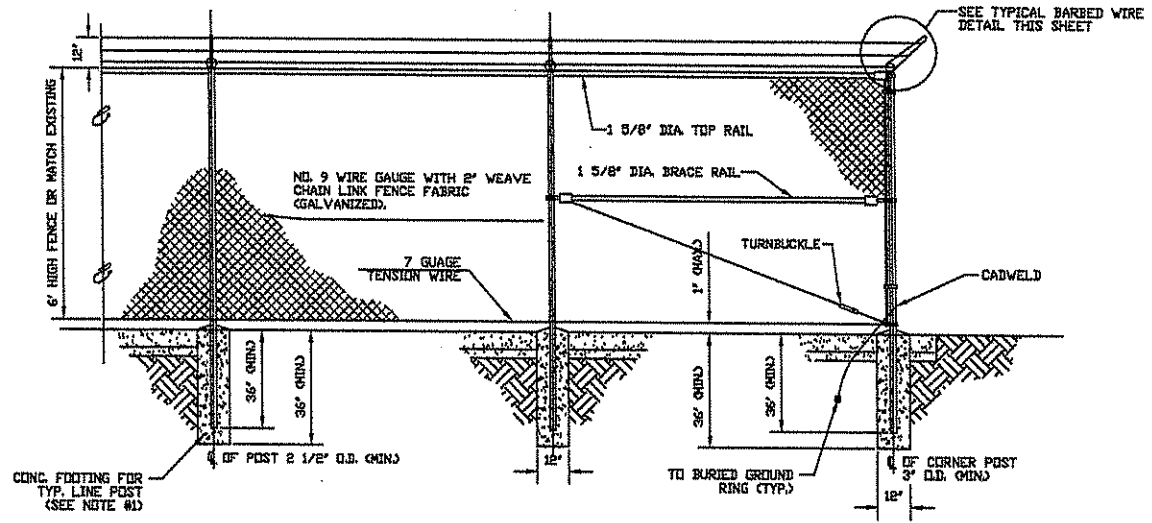
ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633
 TOWER ELEVATION, ANTENNA
 PLAN & ANTENNA SCHEDULE

DATE
04/27/06
04/27/06
04/27/06

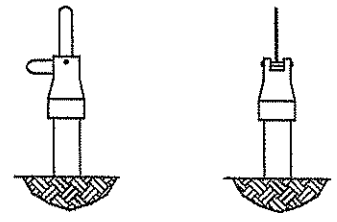
JOB NO.
06-0562-19

C5

DATE PLOTTED: 04/27/06 11:58 AM
 PLOT FILE: C:\PLOT\06-0562-19\TOWER ELEVATION, ANTENNA PLAN & ANTENNA SCHEDULE.dwg
 PLOT DEVICE: HP DesignJet 5000
 PLOT SCALE: 1:1
 PLOT SHEET: 1 OF 1
 PLOT STATUS: SUCCESS



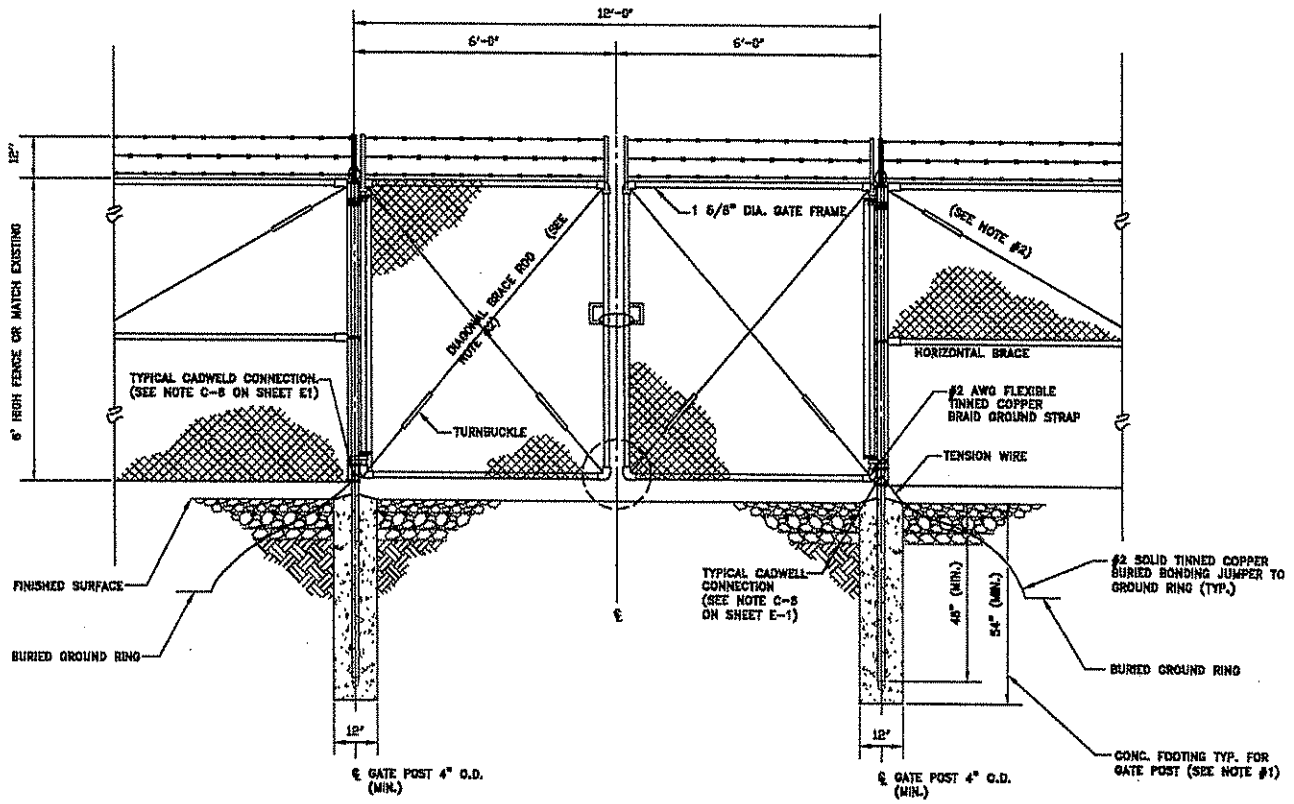
CHAIN LINK FENCE & POST DETAIL
 SCALE: N.T.S.



GATE KEEPER DETAIL
 SCALE: N.T.S.
 (SEE NOTE #12 THIS SHEET)

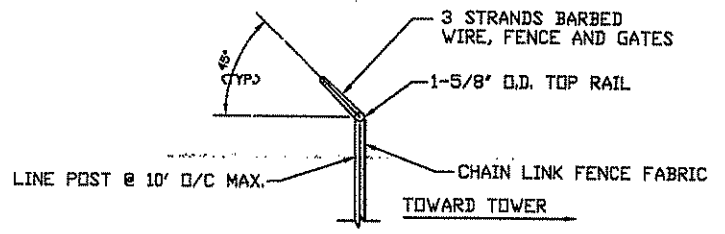
GENERAL FENCING NOTES

1. BOTTOM OF CONCRETE BASE SHALL BE SET BELOW FROST LINE (SEE LOCAL CODE) CONCRETE BASE IS RECOMMENDED MINIMUM AND SHOULD BE REDESIGNED FOR CONDITIONS WHERE SOIL IS POOR. PROVIDE CONCRETE WITH A 28 DAY STRENGTH OF 3000 P.S.I. (MIN.).
2. PROVIDE A DIAGONAL BRACE ROD AND TURNBUCKLE, AS SHOWN, AND ON BOTH SIDES OF THE GATE.
3. ALL FENCE AND FABRIC SHALL BE HOT DIPPED GALVANIZED. ALL BARBED WIRE SHALL BE ALUMINUM (OR COATED PER NO. 8).
4. BOTTOM EDGE OF FENCE FABRIC SHALL BE 1' ABOVE FINISHED GRADE.
5. TERMINAL POSTS SHALL BE 3" O.D. SCH 40 PIPE AND TOP RAILS SHALL BE 2" O.D. SCH 20 PIPE.
6. SITE FENCE SHALL BE 6'-0" FABRIC W/ BARBED WIRE.
7. FABRIC TO HAVE 1.20 OZ. ZINC PER SQ. FT.
8. BARBED WIRE TO BE STANDARD GALVANIZED BARBED WIRE.
9. ALL POSTS SHALL BE PLUMB.



DOUBLE SWING GATE DETAIL
 SCALE: N.T.S.

NOTE: BOND EACH HORIZONTAL POLE/BRAZER TO EACH OTHER AND TO THE VERTICAL POLE WHICH IS BONDED TO THE BURIED GROUND RING.



TYPICAL BARBED WIRE DETAIL
 SCALE: N.T.S.

REV.	DATE	DESCRIPTION

ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633
**GENERAL FENCING DETAILS
 AND GENERAL NOTES**

BY	DATE
BLB	04/27/07
EAB	04/27/07
DBS	04/27/07

JOB NO.
 06-0562-19

F1

3/20/07 (Rev. 06/2006) 12-18, 12-19, 12-20, 12-21, 12-22, 12-23, 12-24, 12-25, 12-26, 12-27, 12-28, 12-29, 12-30, 12-31, 1-1, 1-2, 1-3, 1-4, 1-5, 1-6, 1-7, 1-8, 1-9, 1-10, 1-11, 1-12, 1-13, 1-14, 1-15, 1-16, 1-17, 1-18, 1-19, 1-20, 1-21, 1-22, 1-23, 1-24, 1-25, 1-26, 1-27, 1-28, 1-29, 1-30, 1-31, 2-1, 2-2, 2-3, 2-4, 2-5, 2-6, 2-7, 2-8, 2-9, 2-10, 2-11, 2-12, 2-13, 2-14, 2-15, 2-16, 2-17, 2-18, 2-19, 2-20, 2-21, 2-22, 2-23, 2-24, 2-25, 2-26, 2-27, 2-28, 2-29, 2-30, 2-31, 3-1, 3-2, 3-3, 3-4, 3-5, 3-6, 3-7, 3-8, 3-9, 3-10, 3-11, 3-12, 3-13, 3-14, 3-15, 3-16, 3-17, 3-18, 3-19, 3-20, 3-21, 3-22, 3-23, 3-24, 3-25, 3-26, 3-27, 3-28, 3-29, 3-30, 3-31, 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-7, 4-8, 4-9, 4-10, 4-11, 4-12, 4-13, 4-14, 4-15, 4-16, 4-17, 4-18, 4-19, 4-20, 4-21, 4-22, 4-23, 4-24, 4-25, 4-26, 4-27, 4-28, 4-29, 4-30, 4-31, 5-1, 5-2, 5-3, 5-4, 5-5, 5-6, 5-7, 5-8, 5-9, 5-10, 5-11, 5-12, 5-13, 5-14, 5-15, 5-16, 5-17, 5-18, 5-19, 5-20, 5-21, 5-22, 5-23, 5-24, 5-25, 5-26, 5-27, 5-28, 5-29, 5-30, 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REV.	DATE	DESCRIPTION

ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633

**ICE BRIDGE AND FOUNDATION
 DETAILS & STRUCTURAL NOTES**

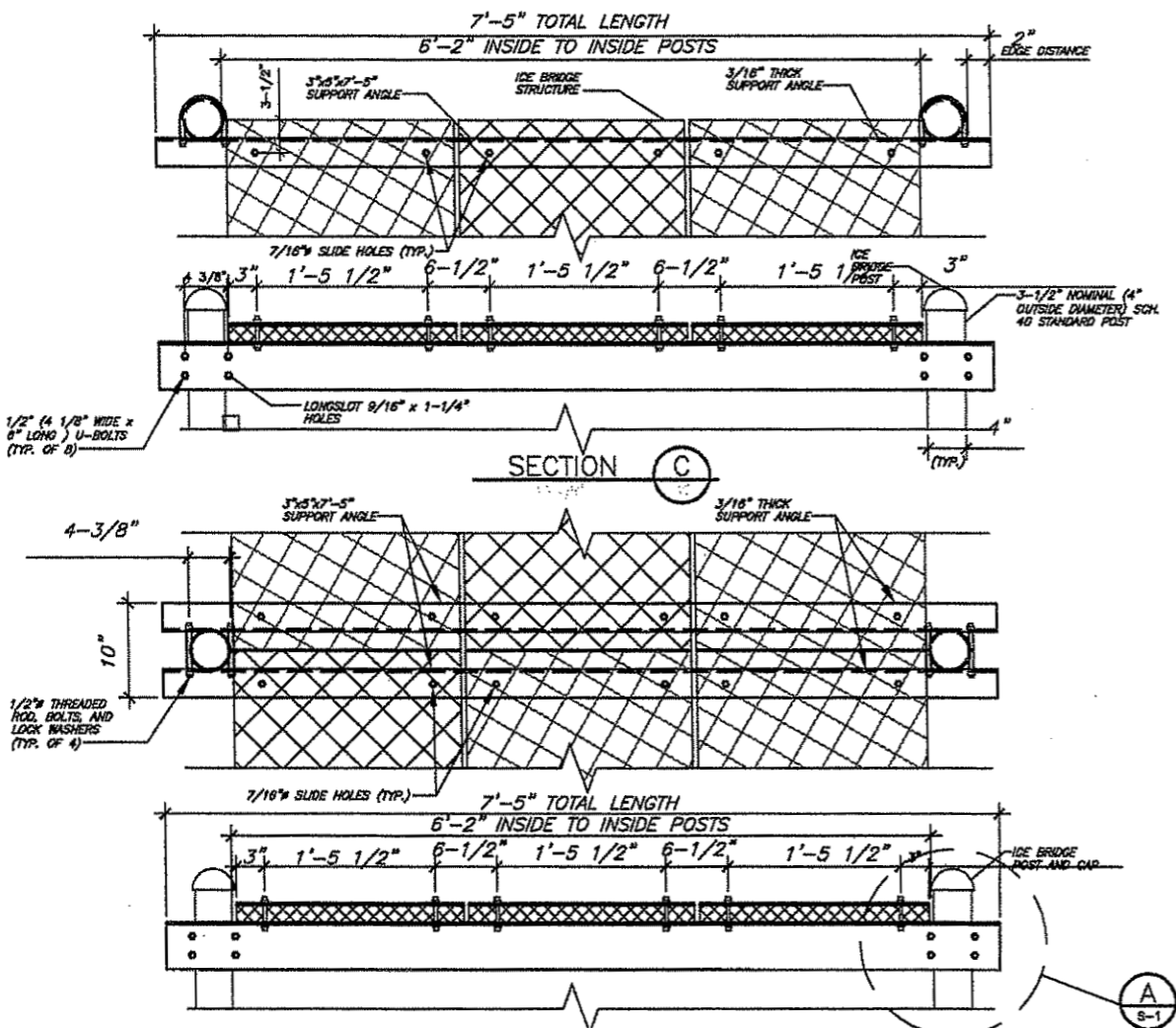
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04/27/01	SAB
04/27/01	DBS

JOB NO.
 06-0562-19

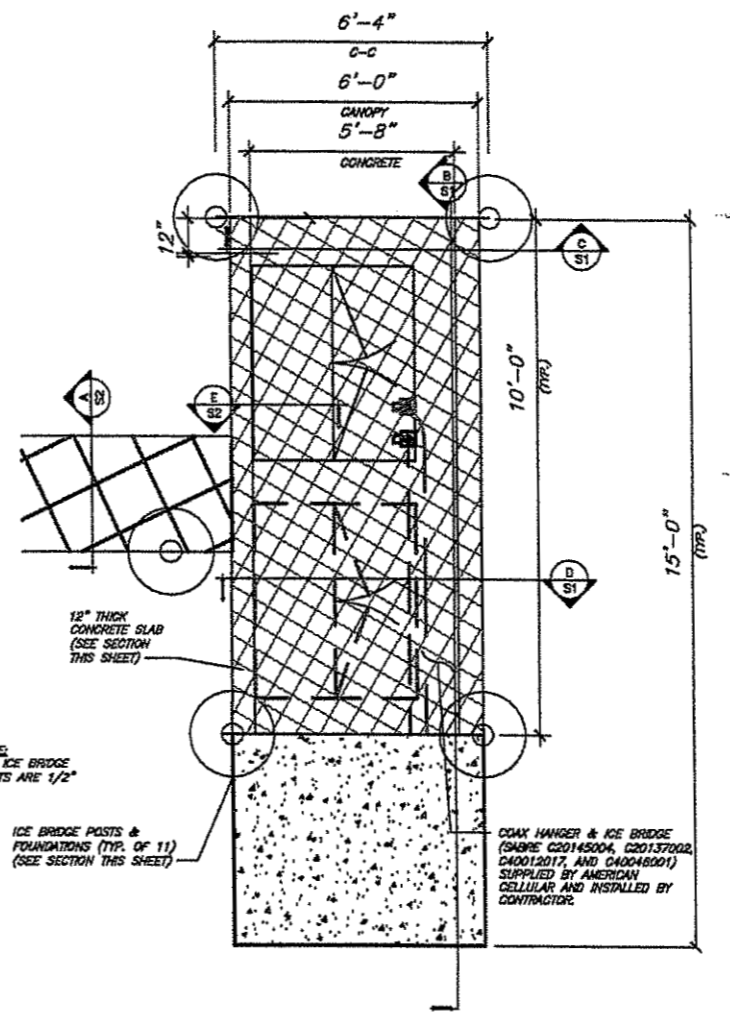
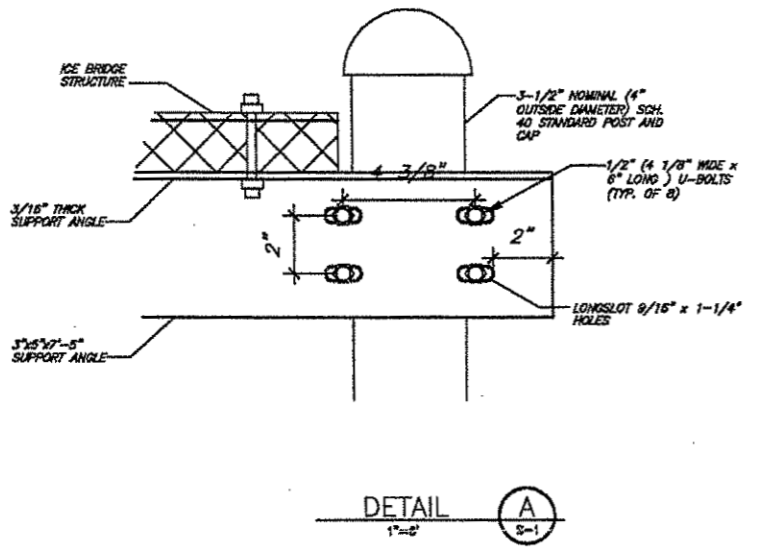
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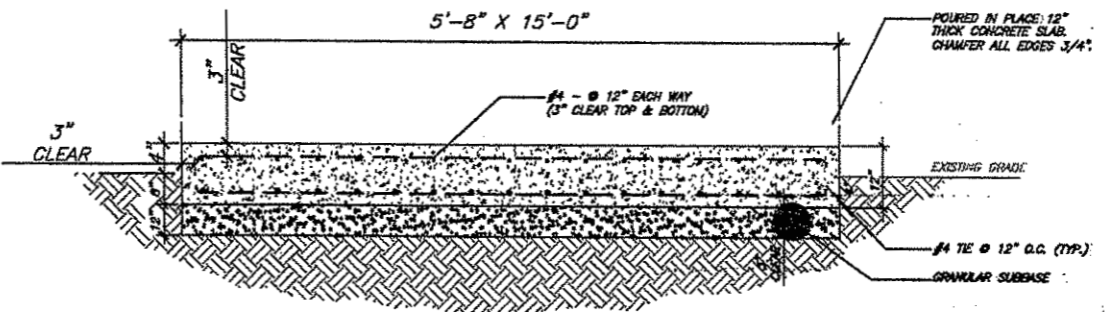
- GENERAL PROVISIONS**
 THIS STRUCTURE HAS BEEN DESIGNED BY OTHERS REPORTEDLY IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF IBC, MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODE AND THE CONTRACT SPECIFICATIONS.
 THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE JOB CONDITIONS AND RESTRICTIONS.
- STRUCTURAL STEEL**
 ANGLES: ASTM A36
 BOLTS: ASTM A325
 A. DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE LATEST AISI SPECIFICATIONS.
 B. WHEN FORCES ARE NOT SHOWN, THE CONNECTION SHALL DEVELOP 1/2 OF THE ALLOWABLE UNIFORM LOAD AS SPECIFIED IN THE BEAM TABLES OF AISI (ASD). A MINIMUM OF 2 BOLTS SHALL BE USED.
 C. FIELD VERIFY ALL CONDITIONS AT AND CONNECTIONS TO THE EXISTING CONSTRUCTION BEFORE FABRICATION.
 D. ALL STEEL TO BE GALVANIZED AFTER FABRICATION ASTM 153.
- FOUNDATION SYSTEM**
 THE CONTRACTOR SHALL EXERCISE GREAT CARE DURING EXCAVATION. THE CONTRACTOR SHALL PREDETERMINE UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY IF DEVIATION FROM PLANS EXISTS.
 A. THE CONTRACTOR IS HEREBY MADE AWARE THAT NO SUBSURFACE REPORT HAS BEEN PERFORMED AT THIS SITE. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, INCLUDING SUBSURFACE CONDITIONS, EXISTING UTILITY LOCATIONS AND ALLOWABLE BEARING CAPACITY. THE CONTRACTOR SHALL OBTAIN PERMISSION OF OWNER VIA SHARED SITES PRIOR TO SITE ENTRY FOR THE PURPOSE OF VERIFICATION OF EXISTING SITE CONDITIONS.
 B. THE CONTRACTOR SHALL VERIFY A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. IF UNSUITABLE SOILS SUCH AS ORGANIC SOIL, GRANULAR FILL, OR RUBBLE FILL ARE PRESENT THE CONTRACTOR SHALL NOTIFY SHARED SITES IMMEDIATELY FOR FURTHER INSTRUCTIONS ABOUT PLACING CONCRETE.
 C. ALL CONCRETE SHALL BE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 7 DAYS FOR THE BUILDING FOUNDATION AND AT 28 DAYS FOR ALL OTHER CONCRETE. VIBRATED; EXECUTED IN ACCORDANCE WITH ACI-318-02 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. TESTED; AND CONSTRUCTED WITHIN 1/8" OF THE ELEVATIONS SPECIFIED HEREON. PRIOR TO PLACING ANY CONCRETE, THE CONTRACTOR SHALL SUBMIT A CONCRETE DESIGN MIX TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL PREPARE AND SUBMIT CONCRETE TEST CYLINDERS FOR TESTING IN ACCORDANCE WITH ASTM C-31 AND C-39, WITH A MINIMUM OF 1 CYLINDER PER FEATURE, MOLDED IN ACCORDANCE WITH ASTM-172. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING LAB FEES.
 D. ALL REINFORCING STEEL SHALL BE TIED, CONFORM TO ASTM-A615/A615M-94 GRADE 60 AND BE DETAIL IN ACCORDANCE WITH ACI-318-02 AND SHALL HAVE MINIMUM COVER OF 3 INCHES, UNLESS NOTED OTHERWISE.
 E. RADIO EQUIPMENT: THE GENERAL CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIAL FOR THE PROPER LIFTING AND SETTING OF THE RADIO EQUIPMENT FROM THE TRANSPORT TRUCK BED TO THE FINAL POSITION ON THE CONCRETE FOUNDATION. THE EQUIPMENT SHALL BE LIFTED INTO PLACE BY USING A MINIMUM OF FOUR (4) NYLON LIFTING STRAPS. EACH STRAP SHALL BE RATED AT 8,000# EACH.
 F. CONTRACTOR SHALL VERIFY UTILITY ENTRANCES W/RADIO EQUIPMENT CABINET MANUFACTURER BEFORE POURING FOUNDATION.
- CONCRETE WORK**
 CHAMFER TOP CORNERS OF ALL FOUNDATIONS (3/4")
- UTILITY PROTECTION SERVICE**
 KENTUCKY UNDERGROUND PROTECTION, INC. 1-800-752-8007
 PRIOR TO ANY DIGGING OR DRILLING.



NOTE: ICE BRIDGE HEIGHT IS 10'-0"

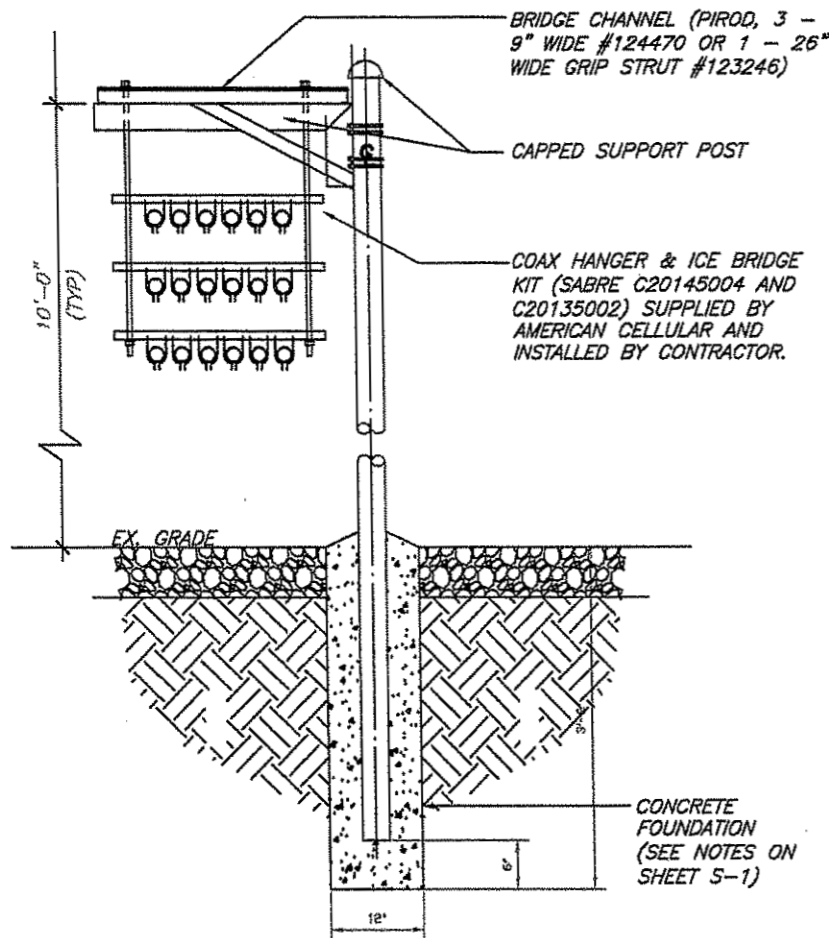


FOUNDATION SITE PLAN
 N.T.S.

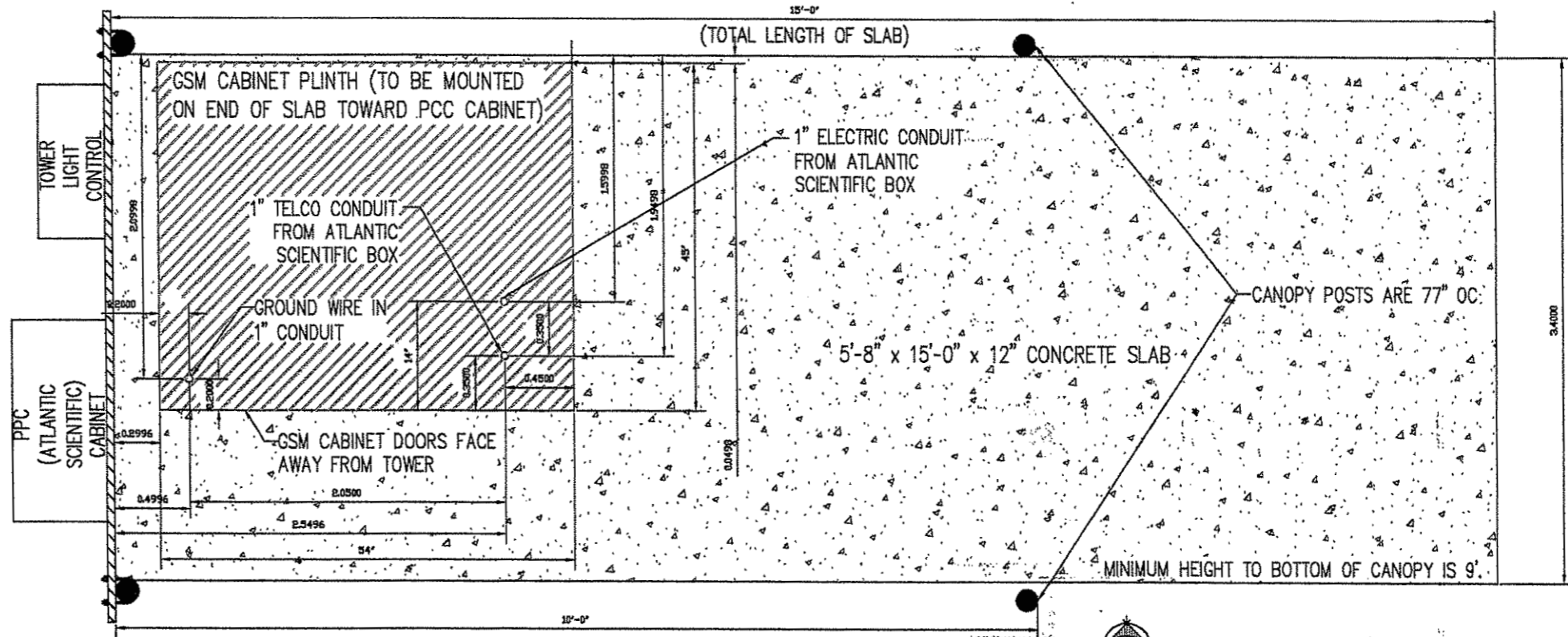
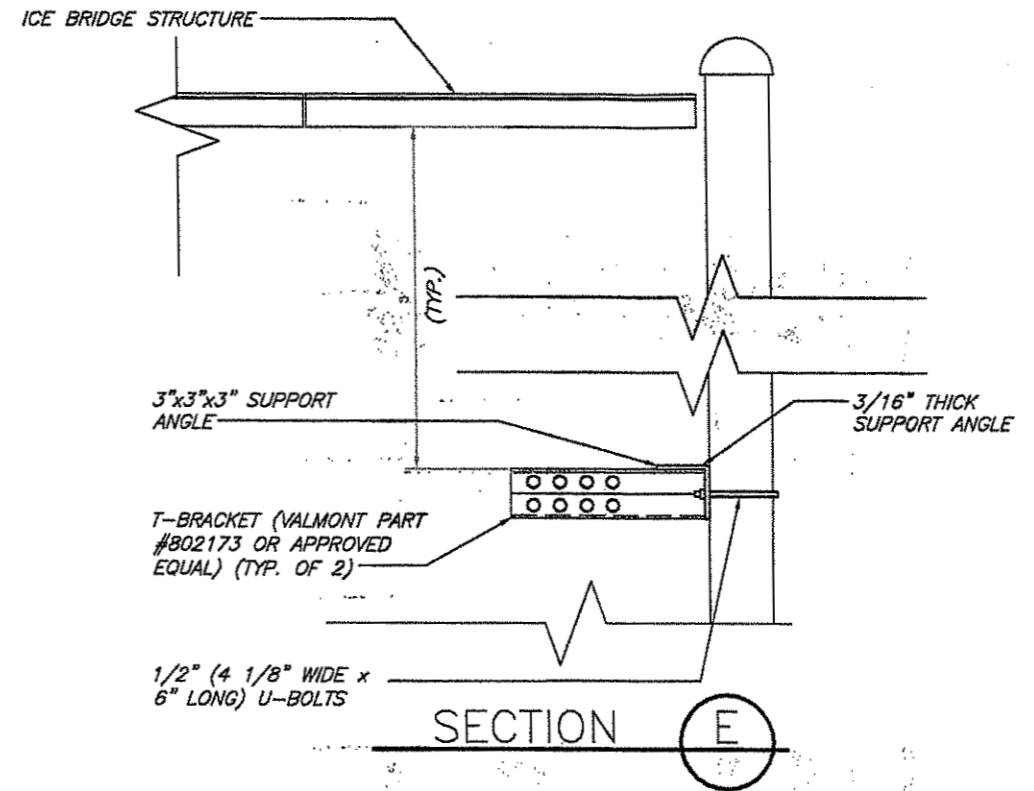


SECTION B

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 PLOTTED BY: DBS
 PLOT SCALE: 1"=0'
 PLOT SHEET: 06-0562-19 S1



SECTION A



SLAB & STUB-UP DETAIL C



Potesta & Associates, Inc.
 ENGINEERS AND ENVIRONMENTAL CONSULTANTS
 125 Lokenview Drive, Morgantown, WY 26608
 TEL: (804) 225-2245 FAX: (804) 225-2248
 E-Mail Address: potesta@potesta.com

REV.	DATE	DESCRIPTION

ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633

STRUCTURAL,
 FOUNDATION, & SLAB DETAILS

REV.	DATE
BLB	04/27/07
SAB	04/27/07
DBS	04/27/07

FIG. NO.
 06-0562-19

S2

2007 FIG. 06052-19 MADE FROM 2006 FIG. 06052-19
 THE 2006 FIG. 06052-19 WAS REVISED TO ADD THE
 FOLLOWING CHANGES: 1. ADD 1/2" U-BOLTS TO
 SUPPORT THE ICE BRIDGE STRUCTURE. 2. ADD
 1/2" U-BOLTS TO SUPPORT THE T-BRACKET.

GENERAL NOTES - ELECTRIC WORK

A. WORK INCLUDED:

THIS SPECIFICATION AND ACCOMPANYING DRAWINGS CONTEMPLATE THE PROVISIONS AND INSTALLATION, BY THE ELECTRICAL CONTRACTOR OF ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL THE ELECTRICAL WORK COMPLETE IN CONNECTION WITH THIS AMERICAN CELLULAR SYSTEMS SITE AND SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

1. THE PROVISIONS, INSTALLATION AND CONNECTION OF A GROUNDING ELECTRODE SYSTEM COMPLETE WITH A EQUIPMENT CABINET AND SECONDARY GROUNDING, EX-TOWER GROUNDING AND CONNECTIONS TO THE INCOMING ELECTRICAL DISTRIBUTION EQUIPMENT.
2. THE PROVISIONS AND INSTALLATION OF AN ELECTRICAL SERVICE AND ALL ASSOCIATED WIRE AND CONDUIT AS REQUIRED AND/OR INDICATED ON PLANS.
3. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC. (UNLESS OTHERWISE NOTED).
4. ALL SPARE CONDUITS SHALL BE LEFT WITH PULL WIRE FOR FUTURE USE. STUB BOTH ENDS OF SPARE CONDUIT UP AT 12" ABOVE FINISHED GRADE. INSTALL PLUGS AT BOTH ENDS OF SPARE CONDUITS.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL THE ELECTRICAL SERVICE ENTRANCE CONDUITORS AND CONDUIT AND MAKE THE CONNECTION TO THE SERVICE EQUIPMENT WITHIN THE EQUIPMENT CABINET.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL 200# TEST PULL LINE IN ALL SPARE CONDUIT.
7. CONTRACTOR SHALL NOTIFY ELECTRIC AND TELEPHONE SERVICES CONTACT AT START OF CONSTRUCTION.
8. ABOVE GRADE RISER CONDUIT SHALL BE GALVANIZED STEEL WITH MATCHING FITTINGS.
9. THE CONTRACTOR SHALL PERFORM ALL WORK SHOWN ON THE EQUIPMENT DRAWINGS NOTED "FIELD WORK" OR OTHERWISE NOTED AS WIRING TO BE COMPLETED IN THE FIELD.
10. ALL WIRE SHALL BE (COPPER, 600V THIN, 60°C) UNLESS NOTED OTHERWISE.
11. CONTRACTOR SHALL MAINTAIN THE DISTANCE OF 12" BETWEEN EXISTING/NEW TELCO & ELECTRIC CONDUITS UNLESS NOTED OTHERWISE.
12. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF GROUNDING PRIOR TO TRENCHING.

B. CODES, PERMITS AND FEES:

1. ALL REQUIRED PERMITS, LICENSES, INSPECTIONS AND APPROVALS SHALL BE SECURED AND ALL FEES FOR SAME PAID BY CONTRACTOR.
2. THE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES: STATE, LOCAL AND NATIONAL, AND THE DESIGN, PERFORMANCE CHARACTERISTICS AND METHODS OF CONSTRUCTION OF ALL ITEMS AND EQUIPMENT, SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF THE VARIOUS APPLICABLE STANDARD SPECIFICATIONS OF THE FOLLOWING RECOGNIZED AUTHORITIES:

A.N.S.I. - AMERICAN NATIONAL STANDARDS INSTITUTE
 I.E.E.E. - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
 N.E.C. - NATIONAL ELECTRICAL CODE
 N.E.M.A. - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
 N.F.P.A. - NATIONAL FIRE PROTECTION ASSOCIATION
 U.L. - UNDERWRITERS LABORATORIES, INC.

3. THE CONTRACTOR SHALL BE LICENSED TO PERFORM WORK IN THE STATE, CITY OR COUNTY OF THE PROJECT SITE AS REQUIRED.

C. GROUNDING ELECTRODE SYSTEM

1. CONNECTIONS

ALL GROUNDING CONNECTIONS SHALL BE MADE BY THE EXOTHERMIC WELDED PROCESS (CADWELD OR APPROVED EQUAL), UNLESS OTHERWISE SHOWN. CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE, SPLICES, TEE'S, X'S, ETC. ALL CABLE TO GROUND RODS, GROUND ROD SPLICES AND LIGHTNING PROTECTION SYSTEM AS INDICATED. ALL MATERIALS USED (MOLDS, WELDING METAL, TOOLS, ETC.) SHALL BE BY "CADWELD" AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES.

2. GROUND RODS

ALL GROUND RODS SHALL BE 5/8" DIAMETER x 8'-0" LONG (MIN.) STAINLESS STEEL OR COPPER CLAD STEEL "COPPERWELD" OR APPROVED EQUAL OF THE NUMBER AND AT LOCATIONS INDICATED. GROUND RODS SHALL BE DRIVEN FULL LENGTH VERTICAL IN UNDISTURBED EARTH SO THAT THE TOP IS 42" BELOW FINISHED GRADE. ALL GROUND RODS SHALL BE AT LEAST 10' APART UNLESS OTHERWISE NOTED.

3. GROUNDING LEADS

ALL GROUND LEADS TO BURIED GROUND RINGS SHALL BE #2 AWG TINNED SOLID COPPER, COIL 6" OF #2 AND TINNED SOLID COPPER AT EACH EQUIPMENT CABINET, COAX ENTRY GROUND BAR, PIPE BRIDGE SUPPORT FOUNDATIONS AND TOWER FOUNDATIONS FOR TERMINATION BY ELECTRICAL CONTRACTOR. AFTER CABINET INSTALLATION, ELECTRICAL CONTRACTOR SHALL SPlice GROUND RING LEAD TO #2 AWG INSULATED STRANDED COPPER WIRE SUPPLIED WITH CABINET.

4. GROUND RING

THE GROUND RING ENCRINGLING THE EQUIPMENT PAD SHALL BE #2 AWG TINNED SOLID COPPER CABLE IN DIRECT CONTACT WITH THE EARTH AT A DEPTH OF NOT LESS THAN 42". CONDUCTOR BENDS SHALL HAVE A MINIMUM RADIUS OF 12". MAINTAIN 2" CLEAR OF FOUNDATIONS.

5. BACKFILL

NON-CORROSIVE, LOW RESISTIVITY MATERIAL FREE OF STONE, DEBRIS, ETC. AND TAMPED DOWN THOROUGHLY IN LAYERS NOT EXCEEDING SIX (6) INCHES IN DEPTH, TO AT LEAST 95% OF ORIGINAL DENSITY BEFORE EXCAVATION.

6. MISCELLANEOUS

ALL EXTERIOR METAL SHALL BE CONNECTED TO THE GROUNDING SYSTEM WITH HIGH PRESSURE 2-DOLT LUG BY BURIED OR BY THE EXOTHERMIC WELDED PROCESS (CADWELD OR APPROVED EQUAL) AS APPLICABLE. ALL OTHER CONNECTIONS FOR THE GROUND GRID SYSTEM SHALL BE MADE BY THE EXOTHERMIC WELDED PROCESS (CADWELD OR APPROVED EQUAL), AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES. ALL MECHANICAL FASTENERS CONNECTIONS TO ALL GROUND BARS SHALL BE LUBRICATED WITH A CORROSION INHIBITER THOMAS AND BETTS KOPR - SHELDT.

7. UTILITY COMPANY COORDINATION

ELECTRICAL CONTRACTOR SHALL COMPLETE ALL WORK IN ACCORDANCE WITH THE RULES OF THE LOCAL UTILITY COMPANIES. BEFORE SUBMITTING HIS BID, THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES SUPPLYING SERVICE TO THIS PROJECT AND SHALL DETERMINE FROM THEM ALL EQUIPMENT AND CHARGES WHICH THEY WILL REQUIRE AND SHALL INCLUDE THE COST IN HIS BID WHENEVER POSSIBLE.

8. GROUND TEST

GROUND TESTS SHALL BE PERFORMED UTILIZING A BIDDLE GROUND OHMMER OR THE METHOD OF USING TWO AUXILIARY GROUND RODS (AS DESCRIBED IN I.E.E.E. STANDARD NO. 550, PARAGRAPH 3.4.2) MAY BE USED. THE I.E.E.E. METHOD REQUIRES THE USE OF AN A.C. TEST CURRENT. THE AUXILIARY TEST RODS MUST BE SUFFICIENTLY FAR AWAY FROM THE ROD UNDER TEST SO THAT THE RESONANCE IN WHICH THEIR RESISTANCE IS LOCATED, DO NOT OVERLAP. CONTRACTOR SHALL MAINTAIN CONTINUITY OF EXISTING GROUND RING BY SPLICING (VIA CADWELD) ANY CUT OR BROKEN SECTIONS WITH #2 SOLID TINNED COPPER TO EXISTING OR NEW GROUNDING.

9. TESTING

1. ALL TEST SHALL BE PERFORMED BY AUTHORIZED AND QUALIFIED PERSONNEL.
2. CONTRACTOR SHALL CONDUCT GROUND RESISTANCE TEST IN THE FORMAT AS FOLLOWS: PERFORM TEST WITH THE GROUND RODS CONNECTED, WITH DRY SOIL AND WHEN NO STANDING WATER HAS BEEN PRESENT FOR THE PAST TEN DAYS. IF THE RESISTANCE OF THE ENTIRE SYSTEM EXCEEDS 5 OHMS, THE ELECTRICAL CONTRACTOR AND OWNER'S REPRESENTATIVE SHOULD BE NOTIFIED SO THAT EITHER ADDITIONAL AND/OR DEEPER RODS CAN BE INSTALLED.
3. THE CONTRACTOR SHALL CALL AN AMERICAN CELLULAR REPRESENTATIVE FOR INSPECTION OF THE GROUNDING SYSTEM 48 HOURS PRIOR TO ITS COMPLETION. THE SYSTEM SHALL BE LEFT UNCOVERED UNTIL APPROVED.
4. UPON COMPLETION OF THE GROUNDING SYSTEM, THE ELECTRICAL CONTRACTOR SHALL MEASUR TEST THE GROUNDING SYSTEM. THE MAXIMUM RESISTANCE LEVEL IS 5 OHMS. A COMPLETE WRITTEN REPORT SHALL BE SUBMITTED STATING ACTUAL RESISTANCE READING, LOCATION, DATE, TIME AND WEATHER CONDITIONS AND SOIL MOISTURE CONTENT. THE TEST EQUIPMENT USED SHALL BE IDENTIFIED BY MANUFACTURER, MODEL AND SERIAL NUMBERS. IF 5 OHMS IS EXCEEDED WITH CURRENT CONFIGURATION, ELECTRICAL CONTRACTOR SHALL SUBMIT A QUOTE TO LOWER RESISTANCE TO 5 OHMS OR LESS, TO AMERICAN CELLULAR SYSTEMS.

10. ELECTRICAL LOADS

1. THE EQUIPMENT IS SET UP FOR A 200 AMP, 120/240 VOLT, SINGLE PHASE, THREE WIRE ELECTRICAL SERVICE. THE TOTAL CONNECTED LOAD IS 10.1 KILOWATT-AMPERES (KVA).

SPECIAL CONTRACTOR NOTES

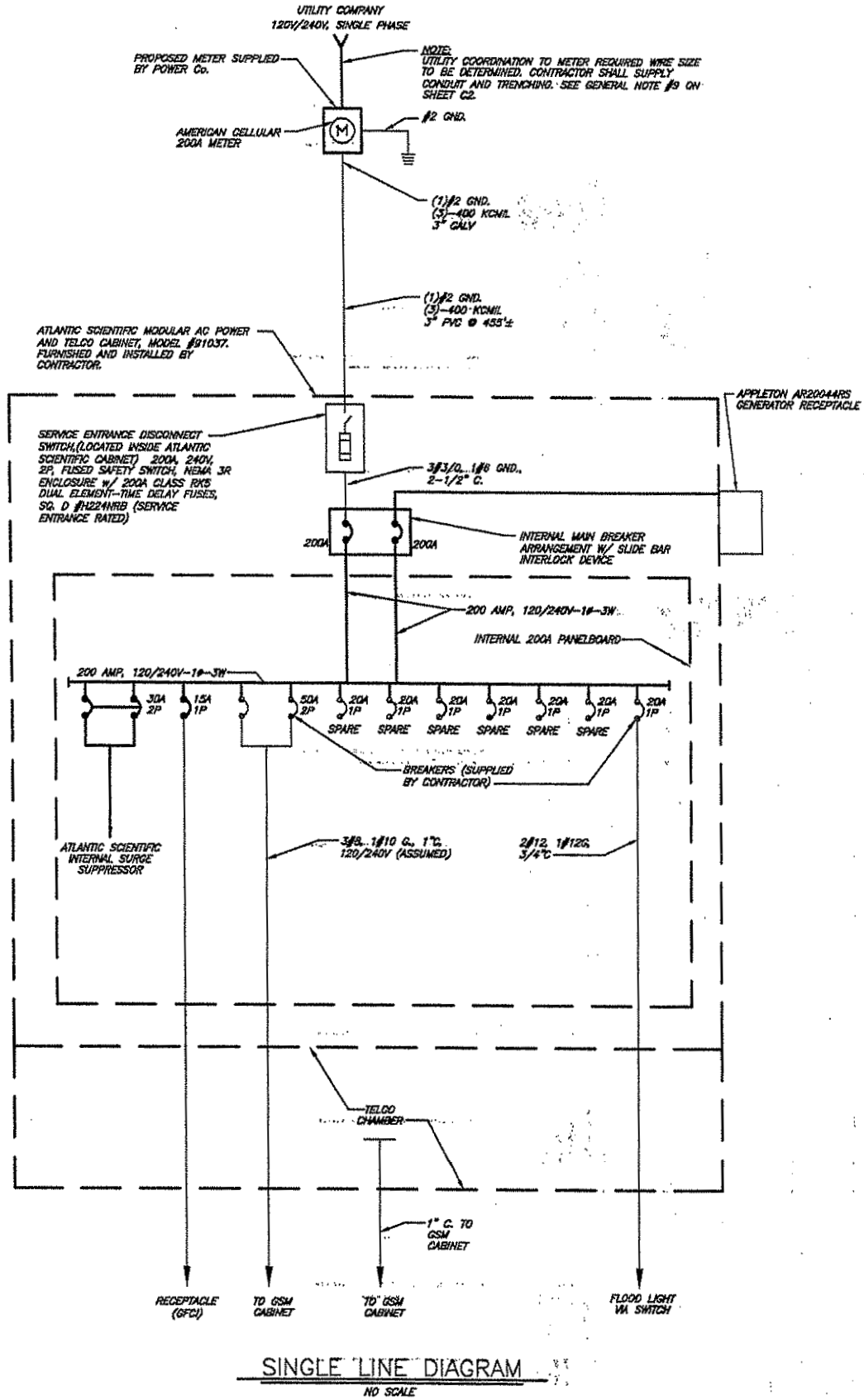
NOTE 1:

1. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF GROUNDING PRIOR TO TRENCHING.
2. IF EXISTING GROUND RING EXISTS, CONTRACTOR SHALL MAINTAIN CONTINUITY OF EXISTING GROUND RING BY SPLICING (VIA CADWELD) ANY CUT OR BROKEN SECTIONS WITH #2 SOLID TINNED COPPER TO EXISTING OR NEW GROUNDING.

NOTE 2:

1. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY LINES PRIOR TO ANY EXCAVATION.
2. CONTRACTOR SHALL HAND DIG IN THE VICINITY OF ALL EXISTING LINES.

NOTE:
 1. ITEMS SHOWN DARK INDICATES NEW WORK
 2. ITEMS SHOWN LIGHT ARE SUPPLIED WITH PANEL



SINGLE LINE DIAGRAM
 NO SCALE

THE ELECTRICAL DESIGN INFORMATION HAS BEEN PROVIDED TO POTESIA BY SHARED SITES AND INCLUDED WITH THESE CONSTRUCTION DRAWINGS FOR INFORMATIONAL PURPOSES ONLY.



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 E-Mail Address: potesia@potesia.com

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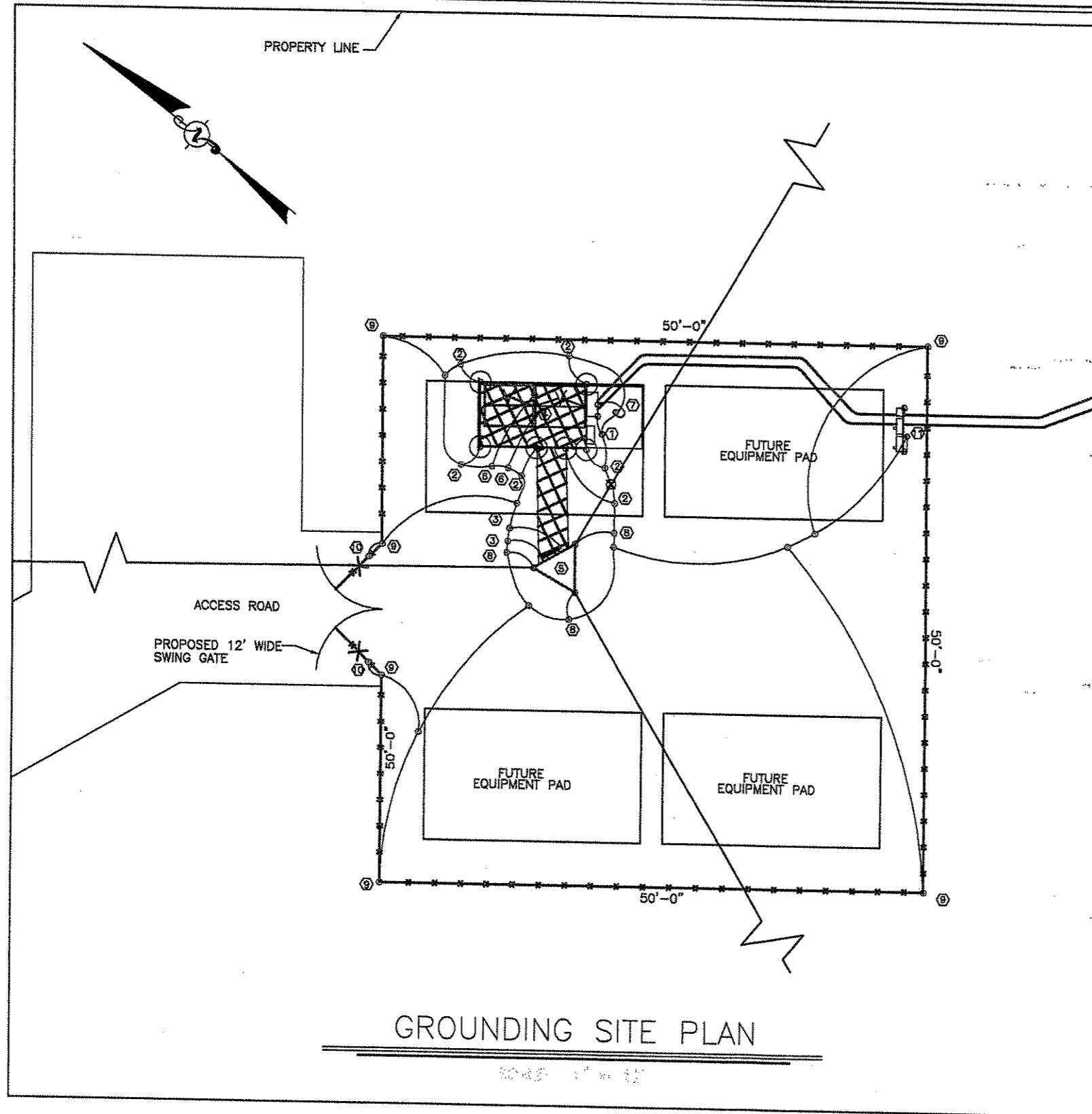
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 SINGLE LINE DIAGRAM
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SAB	04/27/00
DBS	04/27/00

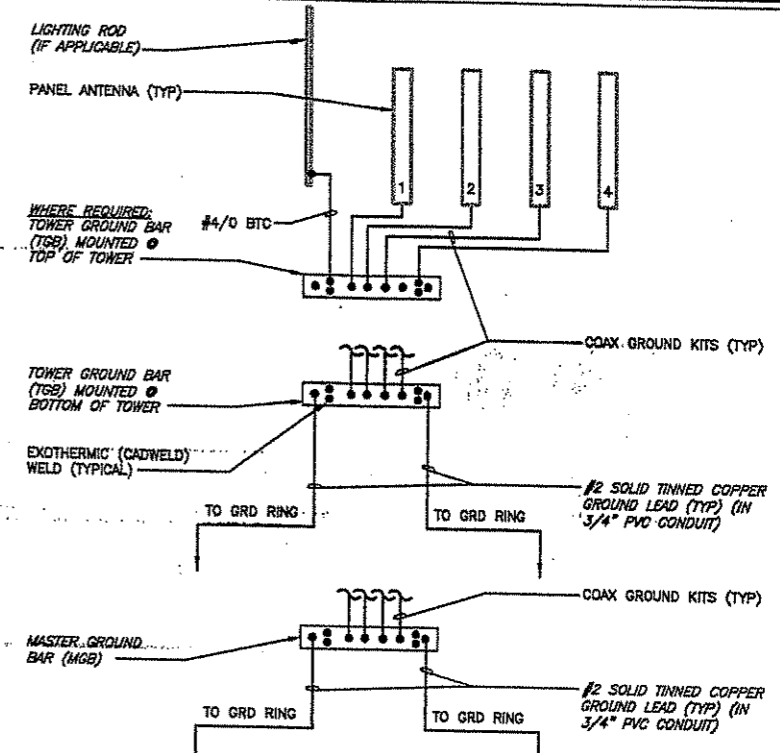
JOB NO.
 06-0562-19

E1

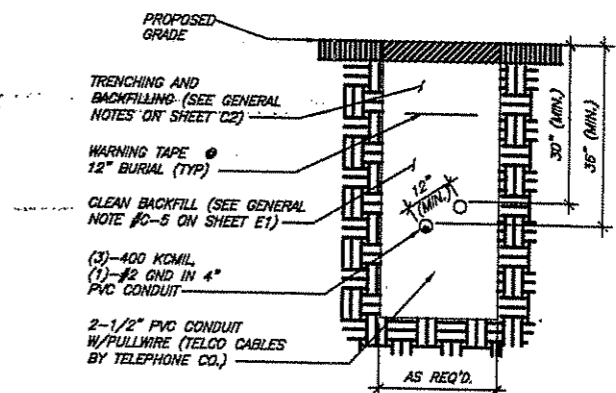
DATE PLOT: 08/28/00 11:58 AM
 FILE: D:\WORK\06-0562-19\06-0562-19-01.dwg
 PLOTTER: HP DesignJet 500
 PLOT SCALE: 1:1
 PLOT SHEET: 1 OF 1
 PLOT BY: J. J. POTESTIA



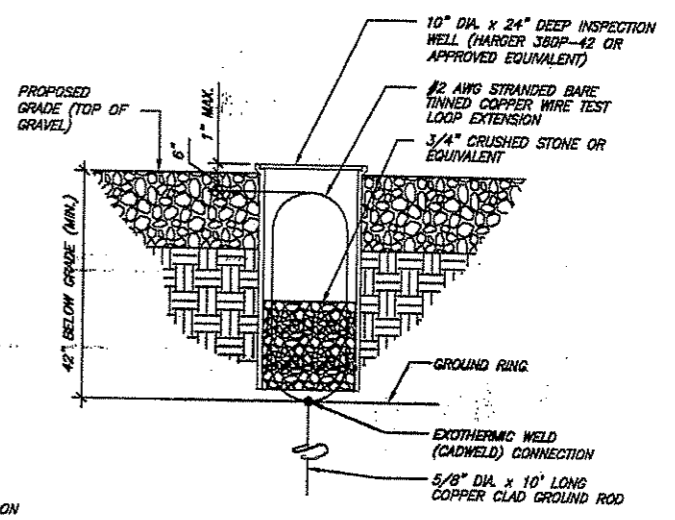
GROUNDING SITE PLAN
 N.T.S.



GROUNDING RISER DIAGRAM
 N. T. S.



TRENCH SECTION
 N. T. S.



TEST WELL DETAIL
 N. T. S.

GROUNDING LEGEND

- BTC = BARE TINNED COPPER
- ① GSM CABINET GROUND LEAD
- ② ICE BRIDGE SUPPORT GROUND LEAD
- ③ GROUND LEADS TO TOWER GROUND BAR
- ④ MASTER GROUND BAR (SEE SHEET E3)
- ⑤ TOWER GROUND BAR (SEE SHEET E3)
- ⑥ GROUND LEADS TO MASTER GROUND BAR
- ⑦ POWER GROUND LEAD
- ⑧ DISCONNECT SW. GROUND
- ⊕ FENCE GROUND
- ⊕ GATE GROUND LEAD
- ⊕ PEDESTAL GROUND
- ⊕ GROUND ROD (TYPICAL)
- ⊕ TEST WELL (TYPICAL)
- ⊕ EXOTHERMIC WELD
- GROUND BAR (TYP.)

NOTE:
 ALL #2 AWG BTC CONDUCTORS SHALL BE
 EXOTHERMIC WELD TO GROUND BARS.
 COMPRESSION LUGS ARE NOT ACCEPTABLE ON
 SOLID CONNECTORS.

NOTE:
 GROUND PLATES WITH TERRA FILL OR
 EQUIVALENT MAY BE SUBSTITUTED FOR
 GROUND RODS.

GROUNDING SITE PLAN
 N.T.S.



THE ELECTRICAL DESIGN INFORMATION HAS BEEN PROVIDED TO POTESTA BY SHARED SITES AND
 INCLUDED WITH THESE CONSTRUCTION DRAWINGS FOR INFORMATIONAL PURPOSES ONLY.

REV.	DATE	DESCRIPTION

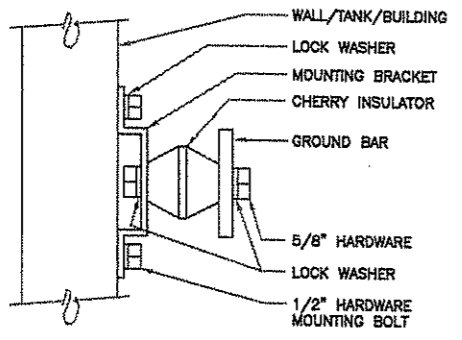
ZULA
 9096 W. HWY 90
 MONTICELLO, KY 42633
**GROUNDING SITE PLAN AND
 GROUNDING RISER DIAGRAM**

REVISED	DATE
BLB	04/27/01
SAB	04/27/01
DBS	04/27/01

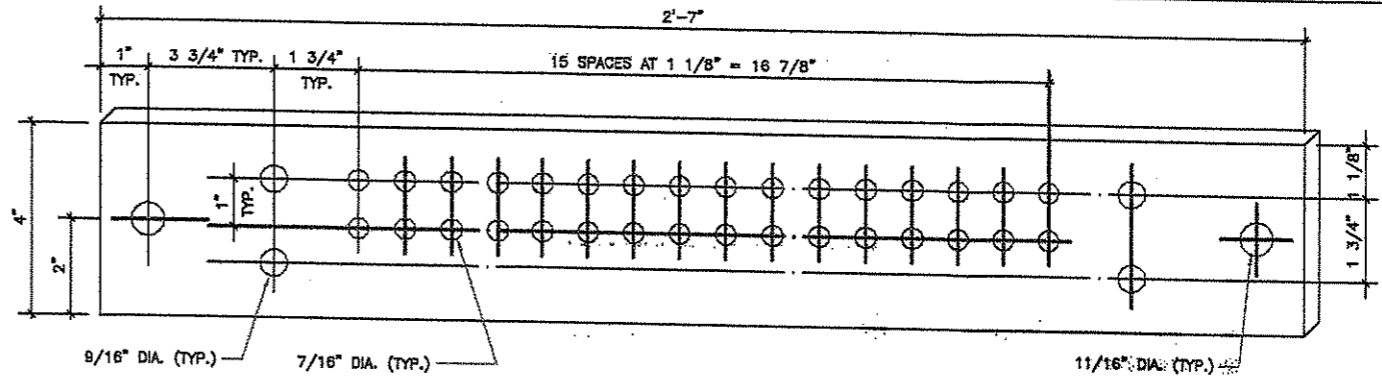
JOB NO.
 06-0562-19

E2

SHEET NO. 06-0562-19, DRAWING NO. 06-0562-19-01, DATE 04/27/01, DRAWN BY: [illegible], CHECKED BY: [illegible]

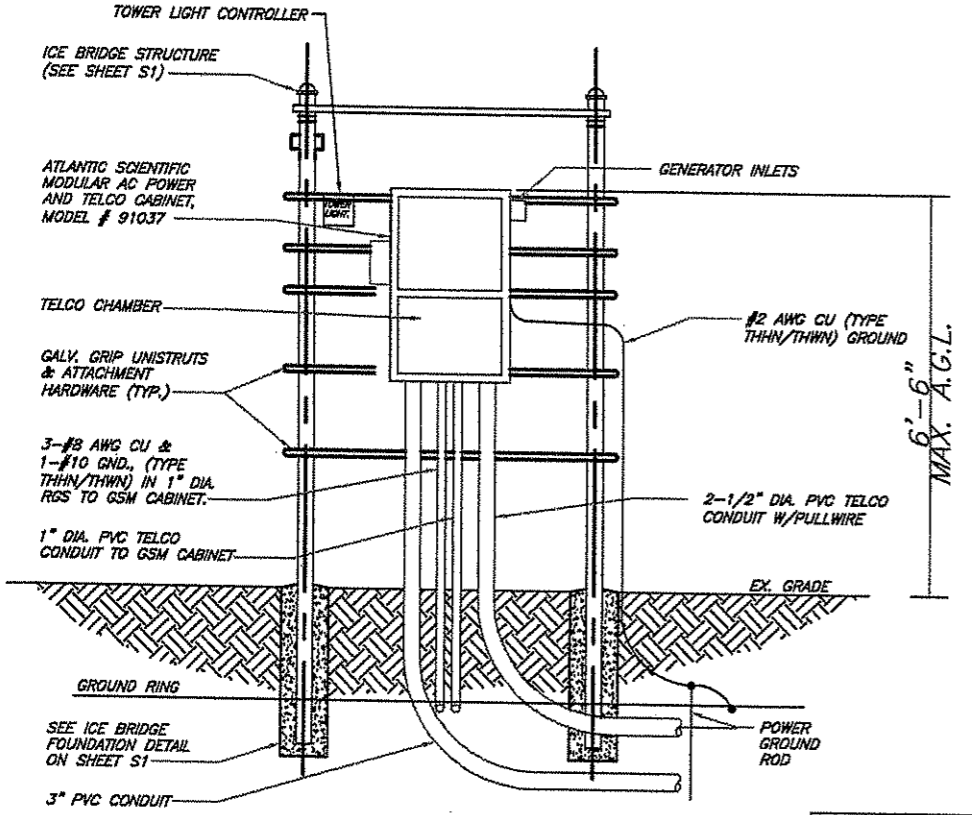


GROUND BAR MOUNTING
SCALE: N. T. S.



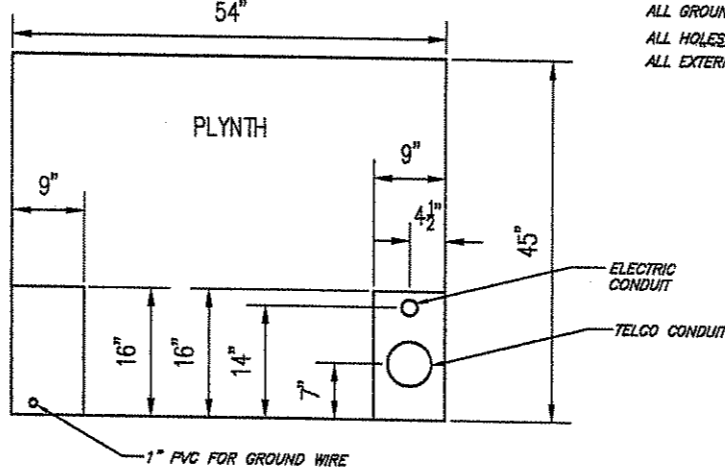
MASTER & TOWER GROUND BAR (MGB & TGB)
SCALE: N. T. S.

ALL GROUND BAR'S SHALL BE CONSTRUCTED FROM 1/4" THICK COPPER PLATE
ALL HOLES ARE COUNTERSUNK 1/16"
ALL EXTERIOR GROUND BARS SHALL BE TIN PLATED



H-FRAME (FRONT VIEW)
SCALE: N. T. S.

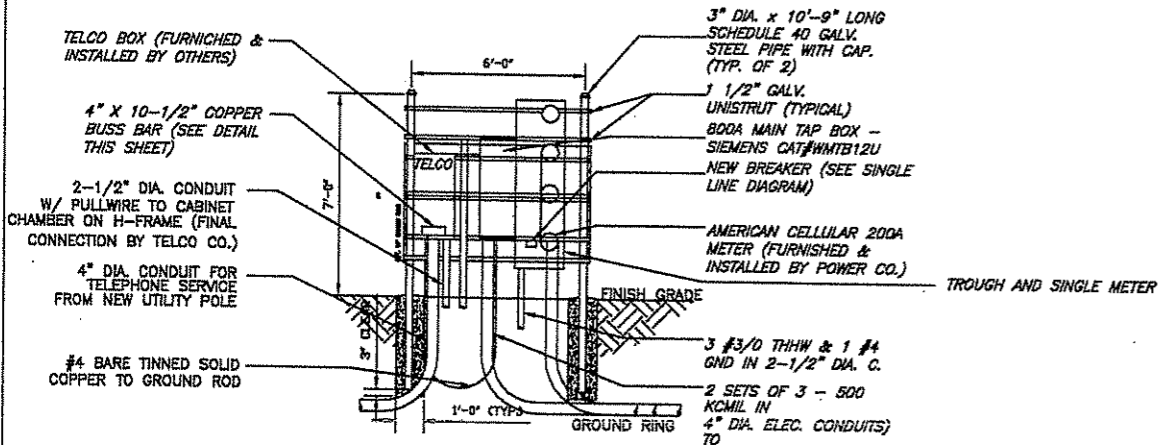
NOTE:
CONTRACTOR SHALL COORDINATE W/LOCAL POWER CO. ON ALL REQUIREMENTS OF INSTALLATION OF CONDUITS. (FINAL CONNECTIONS BY POWER CO.)



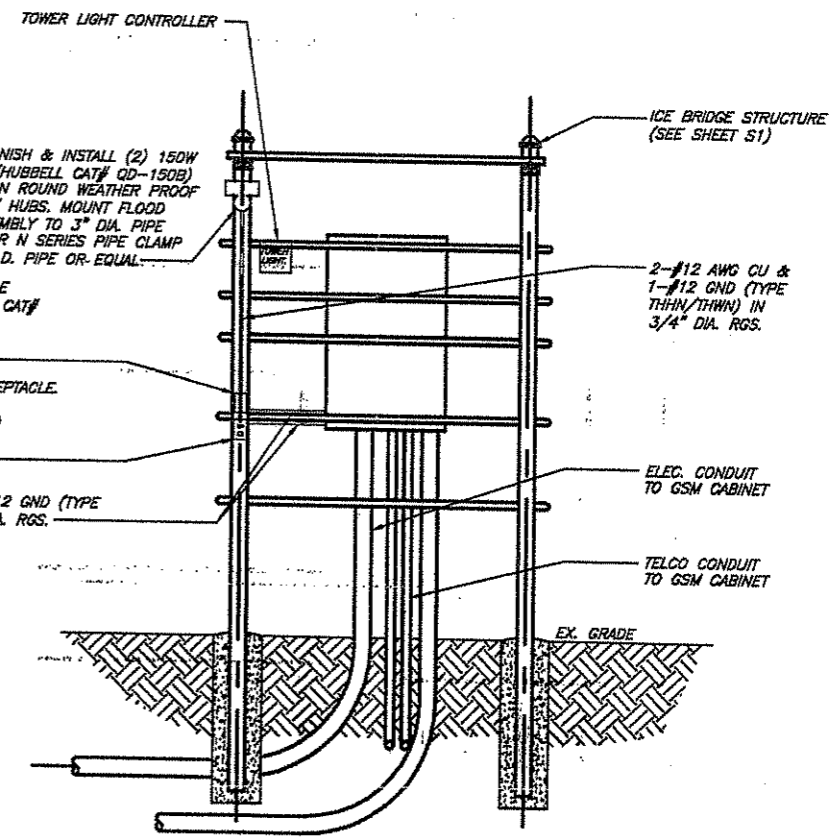
CONDUIT ENTRANCE DETAIL
SCALE: N. T. S.

CONDUIT ENTRANCE NOTES:

1. CONDUITS NEED TO STUB UP IN 9" X 16" SPACE (AS SHOWN)
2. GROUND SHOULD BE PLACED AS SHOWN FOR BEST ROUTE TO GROUNDING BAR
3. POWER CONDUIT CHANGES TO FLEX CONDUIT JUST ABOVE TOP OF PAD
4. CONDUITS CUT OFF AT 2" ABOVE PAD
5. USE #2 BARE TIN COPPER FOR GROUNDING CONDUCTORS



ELECTRICAL PEDESTAL
SCALE: N. T. S.



H-FRAME (REAR VIEW)
SCALE: N. T. S.

NOTE:
ALL ITEMS SHALL BE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR (E.C.) UNLESS NOTED OTHERWISE.

THE ELECTRICAL DESIGN INFORMATION HAS BEEN PROVIDED TO POTESTA BY SHARED SITES AND INCLUDED WITH THESE CONSTRUCTION DRAWINGS FOR INFORMATIONAL PURPOSES ONLY.



Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
125 Lockwood Drive, Monticello, NY 12508
TEL: (504) 295-2245 FAX: (504) 225-2246
E-Mail Address: potesta@potesta.com

REV.	DATE	DESCRIPTION

ZULA
9096 W. HWY 90
MONTICELLO, KY 42633
ELECTRICAL DETAILS

REVISION	DATE
BLB	04/27/06
SAB	04/27/06
DBS	04/27/06

JOB NO.
06-0562-19

E3

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

CellularONE

124 S. Keeneland Drive Richmond, KY 40475

859-544-4802

859-544-5858 FAX

KY-90 Sites

Cartwright, Snow, Zula

Discussion of site need and configuration

Currently, coverage falls off as one leaves Monticello, KY to the west along KY-90. It does not return until near Albany, KY. This leaves a 9 mile stretch of a major highway without coverage. The terrain rises sharply just west of Monticello then drops into a valley adding to the challenges of providing coverage along the route.

It was determined that 3 properly placed sites (2 within Clinton County, Cartwright and Snow, and Zula in Wayne County) will be required to serve the route with continuous coverage. The Cartwright site would be 1.3 miles east of the intersection of KY-350 and KY-90. The Snow site sits less than 1 mile south of the KY-90 and US-127 intersection and just north of the US-127 and KY-558 junction. And, the easternmost site, Zula, sits just less than a mile east of the intersection of KY-834 and KY-90. Taken as a group, these sites along with existing Cellularone sites provide continuous coverage from Monticello all the way to Albany. Due to the previously mentioned terrain challenges the Cartwright site will need to be 280 ft above ground while the Snow and Zula sites will serve their purpose with a height of 250 ft.

Sincerely,



Stephen H. Jassman
RF Engineer

CellularONE

124 S. Keeneland Drive Richmond, KY 40475

859-544-4802

859-544-5858 FAX

April 25, 2007

To Whom It May Concern:

In regard to the proposed cellular communications sites known as Cartwright, Snow, and Zula, this letter will seek to explain co-location issues.

To be able to serve the area, structures in the range of 250 to 280 ft above ground level will be required as explained in our "statement of need" document. According to a survey by our site acquisition team and contractor Shared Tower Sites, there are simply no tall structures in the area. Therefore, while it is the policy of Dobson Communications to pursue co-location opportunities wherever possible, there are no opportunities in this area. Thus, the construction of new facilities is the only alternative available.

Sincerely,



Stephen H. Jassman
RF Engineer

EXHIBIT H
APPLICATION TO FAA



Federal Aviation Administration

Bringing Safety to America's Skies

Operations/Evaluation

- [Home](#)
- [FAA OE/AAA Offices](#)
- [View Determined Cases \(Form 7460-1\)](#)
- [View Proposed Cases \(Form 7460-1\)](#)
- [View Supplemental Notices \(Form 7460-2\)](#)
- [View Circularized Cases](#)
- [Search Archives](#)
- [Circle Search](#)
- [No Notice Required Tool](#)

FAA Accounts

- [Portal Page](#)
- [My Cases](#)
- [My Sponsors](#)
- [Add New Case \(7460-1\)](#)
- [Update User Account](#)
- [Change Password](#)
- [Logout](#)

Information Resources

- [FAA Acronyms](#)
- [Forms](#)
- [Regulatory Policy](#)
- [Relevant Advisory Circulars](#)
- [Air Traffic Areas of Responsibility](#)

Notice of Proposed Construction or Alteration (7460-1)

[Print this page](#)

Project Name: SHARE-000063352-07 **Sponsor:** Shared Sites, L.L.C.

Details for Case : ZULA

[Show Project Summary](#)

Case Status

ASN: 2007-ASO-1556-OE **Date Accepted:** 04/04/2007
Status: Accepted **Date Determined:**
Letters: None

Construction / Alteration Information

Notice Of: Construction
Duration: Permanent
if Temporary :Months: Days:

Structure Summary

Structure Name: ZULA
Structure Type: Antenna Tower
Other :

Work Schedule - Start: 05/15/2007

FCC Number:

Work Schedule - End: 12/31/2007

Prior ASN:

State Filing:

Structure Details

Latitude: 36° 46' 44.49" N
Longitude: 84° 56' 33.7" W
Horizontal Datum: NAD83
Site Elevation (SE): 1300 (nearest foot)
Structure Height (AGL): 256 (nearest foot)
Marking/Lighting: White-medium intensity

Common Frequency Bands

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
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

Other :

Nearest City: Monticello
Nearest State: Kentucky
Traverseway: No Traverseway

Specific Frequencies

Description of Location: 9096 W. Hwy 90
 Monticello, KY 42633
Description of Proposal: 250' wireless communications tower w/' lightning rod located within fenced compound.

EXHIBIT I

APPLICATION TO KENTUCKY AIRPORT ZONING COMMISSION



Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 200 Mero Street, Frankfort, KY 40622 APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE INSTRUCTIONS INCLUDED		Kentucky Aeronautical Study Number
1. APPLICANT - Name, Address, Telephone, Fax, etc. SHARED SITES, LLC - KAMAL DOSHI 1390 CHAIN BRIDGE RD #40 MCLEAN, VA 22102 703-893-0806 (PHONE) 703-852-7289 (FAX)	9. Latitude: <u>36° 46' 44" 49"</u> 10. Longitude: <u>84° 56' 37" 70"</u> 11. Datum: <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other 12. Nearest Kentucky City: <u>MONTICELLO</u> County <u>WAYNE</u>	
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)	13. Nearest Kentucky public use or Military airport: <u>EKG - WAYNE COUNTY</u> 14. Distance from #13 to Structure: <u>6.91</u> 15. Direction from #13 to Structure: <u>SW</u> 16. Site Elevation (AMSL): <u>1300</u> Feet 17. Total Structure Height (AGL): <u>256</u> Feet 18. Overall Height (#16 + #17) (AMSL): <u>1556</u> 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) <u>9096 W. HWY 90</u> <u>MONTICELLO, KY 42633</u>	
3. Application for: <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing 4. Duration: <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Months Days) 5. Work Schedule: Start <u>5-14-07</u> End <u>9-30-07</u> 6. Type: <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Crane <input type="checkbox"/> Building <input type="checkbox"/> Power Line <input type="checkbox"/> Landfill <input type="checkbox"/> Water Tank <input type="checkbox"/> Other 7. Marking/Painting and/or Lighting Preferred: <input type="checkbox"/> Red Lights and Paint <input type="checkbox"/> Dual - Red & Medium Intensity White <input checked="" type="checkbox"/> White - Medium Intensity <input type="checkbox"/> Dual - Red & High Intensity White <input type="checkbox"/> White - High Intensity <input type="checkbox"/> Other 8. FAA Aeronautical Study Number _____		
21. Description of Proposal: <u>WIRELESS COMMUNICATIONS TOWER WITH 6' LIGHTNING ROD LOCATED WITHIN FENCED COMPOUND.</u>		
22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, When <u>4-4-07</u>		
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.		
<u>MATTHEW J. WALLACK</u> Printed Name and Title	 Signature	<u>4-4-07</u> 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: <input type="checkbox"/> Chairman, KAZC <input type="checkbox"/> Administrator, KAZC <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved _____ Date _____		

EXHIBIT J
GEOTECHNICAL REPORT

**SUBSURFACE INVESTIGATION &
FOUNDATION RECOMMENDATIONS**

**PROPOSED TOWER
ZULA
MONTICELLO, KENTUCKY**

Prepared for:

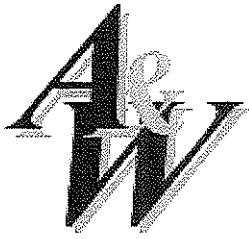
**SHARED SITES, LLC
LOWVILLE, NEW YORK**

Prepared by:

**ALT & WITZIG ENGINEERING, INC.
WEST CHESTER, OHIO**

APRIL 16, 2007

PROJECT NO. 07CN0054



Alt & Witzig Engineering, Inc.

6205 Schumacher Park Drive • West Chester, Ohio 45069
(513) 777-9890 • Fax (513) 777-9070

April 16, 2007

Shared Sites, L.L.C.
7383 Utica Blvd
Lowville, NY 13367
ATTN: Mr. Matthew J. Wallack

RE: Subsurface Investigation &
Foundation Recommendations
Tower Site: Zula
State Road 90
Monticello, Kentucky
Alt & Witzig File: 07CN0054

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 Monticello, Kentucky. Specifically, this site is located at 9096 W. Hwy. 90. 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, 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.

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 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 guyed 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.

Subsurface Conditions

Our borings encountered a thin layer of clay and silty clay to a depth of three (3) to five (5) feet below grade. At this depth various bedrock formations were encountered. Borings B-1 and B-3 encountered very weathered sandstone with siltstone beneath the clay. Borings B-2 and B-4 encountered very weathered or clayey shale directly beneath the clay. Boring B-4 this boring encountered gray clayey shale to a depth of seven (7) feet. A rock core was then performed from seven (7) to twelve (12) feet below grade. The core encountered limestone and siltstone with a RQD (rock quality designation) of 68%. Another rock core was then performed from twelve (12) feet to seventeen (17) feet. The second core encountered siltstone with very fractured limestone and thin clay or shale seams. A lower RQD of 6% was noted for the second core.

Foundation Recommendations

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.

Boring B-1 and B-3						
Soil Description	Depth Below Existing Grade	Bearing Pressure (psf) SF=3	Dry Density (pcf)	ϕ	K_p	Coefficient of Friction Against Sliding
Sandstone	5' +	10,000	130	32°	3.2	0.70

Boring B-2						
Soil Description	Depth Below Existing Grade	Bearing Pressure (psf) SF=3	Dry Density (pcf)	ϕ	K_p	Coefficient of Friction Against Sliding
Shale	4' +	8,000	125	30°	3.0	0.70

Boring B-4						
Soil Description	Depth Below Existing Grade	Bearing Pressure (psf) SF=3	Dry Density (pcf)	ϕ	K_p	Coefficient of Friction Against Sliding
Shale	4'-7'	8,000	125	30°	3.0	0.70
Sandstone	7'-12'	10,000	130	32°	3.2	0.70
Limestone	12'+	10,000	130	36°	3.9	0.70

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 100% 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.

Additionally, due to the shallow nature of the rock, rock anchors could be required. It will be necessary to install these rock anchors in accordance with Manufacturer's specifications. Each bolt shall be tested by jacking the rock bolt to the required tension and be pre-tensioned in accordance with the manufacturer's specifications after the anchor is installed and prior to grouting. However, given the very weathered and sandy nature of the rock a more appropriate foundation system could be drilled piers or caissons founded into the bedrock.

Caissons/Drilled Piers

A caisson type foundation system can be used to support this structure. A caisson type foundation is advantageous to use when it is necessary to resist large overturning moments such as those caused by wind loads against the proposed structure. If caissons or drilled piers are used to support the structure, the following design parameters are recommended:

B-1 and B-3			
Depth Below Grade (Feet)	Allowable Skin Friction (psf) SF=2	Design End Bearing Pressure SF=3	Cohesion (Psf)
From ground surface to a depth of 4 feet below grade.	Negligible	---	Negligible
At 6 feet below grade	1,000	10,000	500

Caissons should be no less than 30 inches in diameter.

B-2 and B-4			
Depth Below Grade (Feet)	Allowable Skin Friction (psf) SF=2	Design End Bearing Pressure SF=3	Cohesion (Psf)
From ground surface to a depth of 4 feet below grade.	Negligible	---	Negligible
From 4 feet to 7 feet below grade.	500	8,000	500
From 7 feet to 12 feet below grade.	1,000	10,000	500
At 12 feet below grade.	1,000	10,000	1,000

The groundwater should be anticipated at the soil/rock interface. All borings indicated dry conditions during and upon completion of operations. However, 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.

Shared Sites, LLC
Alt & Witzig File No.: 07CN0054
April 16, 2007
Page 5

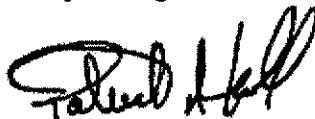
Often, because of design and construction details that occur on a project, questions rise concerning the soil conditions. If we can give further service in these matters, please contact us at your convenience.

Respectfully Submitted,

ALT & WITZIG ENGINEERING, INC.

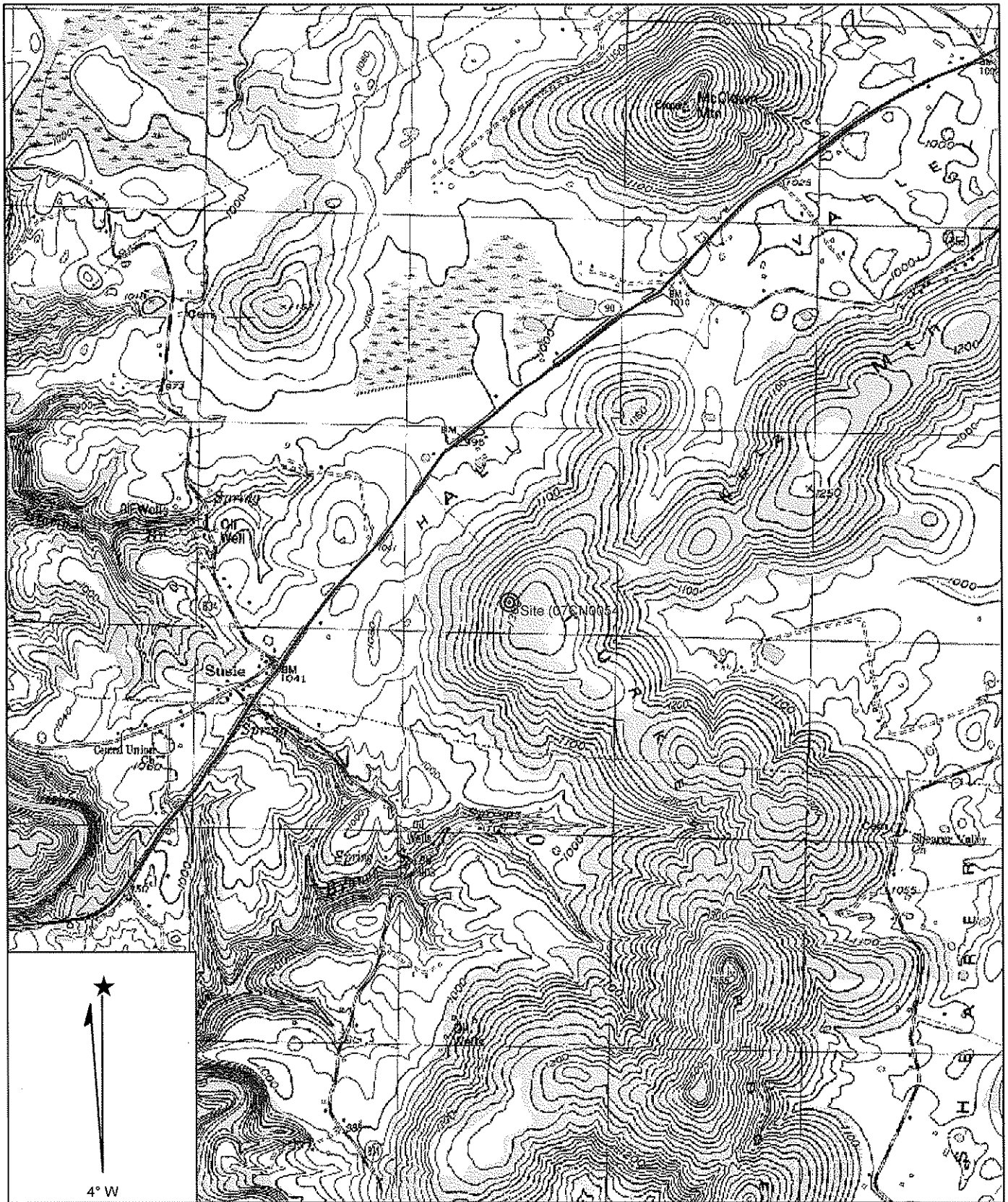


Robert Smith
Project Engineer



Patrick A. Knoll, P.E.

APPENDIX

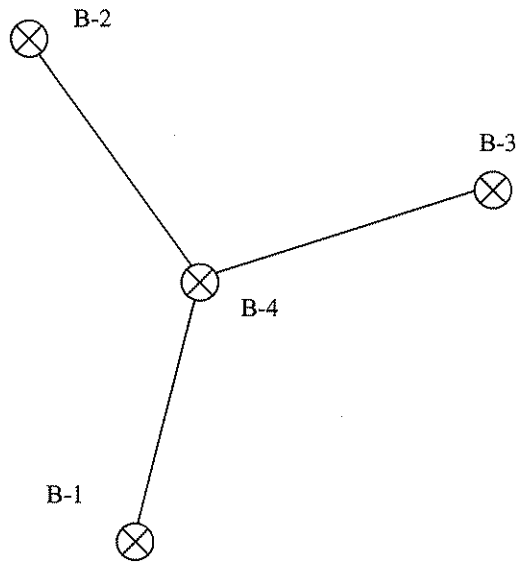


Name: PARNELL
Date: 4/16/2007
Scale: 1 inch equals 2000 feet

Location: 036° 46' 45.5" N 084° 56' 36.0" W

Boring Location Plan

Zula Tower
Monticello, Kentucky
Shared Sites, LLC



Not To Scale

07CN0054



RECORD OF SUBSURFACE EXPLORATION

Alt & Witzig Engineering, Inc.

CLIENT Shared Sites, LLC
 PROJECT NAME Zula Tower
 LOCATION Monticello, Kentucky

Boring # B-4
 Alt & Witzig File No. 07CN0054

DRILLING and SAMPLING INFORMATION

Date Started 4/11/2007 Hammer Wt. 140 lbs.
 Date Completed 4/11/2007 Hammer Drop 30 in.
 Boring Method HSA Spoon Sampler OD 2 in.

STRATA ELEV.	SOIL CLASSIFICATION	Depth Scale	Strata Depth	Sample No.	Sample Type	Sampler Graphics	Ground Water	Standard Penetration Test, N - Blows/foot	Qu - tsf Unconfined Compressive Strength	Pp - tsf Pocket Penetrometer	Moisture Content %	Remarks
	0.0-0.4 Topsoil											
	0.4-2.0 Brown Shaley Clay		2.0									
	2.0-7.0 Gray Clayey Shale	5		1	SS	X		20				
				2	SS	X		50/2				
	7.0-12.0 Rock Core 1 Very Fracture Limestone and Siltstone REC = 68% RQD = 10%	7.0										
	12.0-17.0 Rock Core 2 Gray Very Fractured Limestone and Clay REC = 47% RQD = 6%	12.0										
	Terminated at 17 feet	17.0										

Boring Method

HSA - Hollow Stem Augers
 CFA - Continuous Flight Auger
 DC - Driving Casing
 MD - Mud Drilling

GROUNDWATER

∇ At Completion Dry ft.
 ▼ After hours ft.
 ○ Water on Rods Dry ft.
 C - Boring Caved Depth

Sample Type

SS - Driven-Split Spoon
 ST - Pressed Shelby Tube
 CA - Continuous Flight Auger
 RC - Rock Core
 CU - Cuttings



RECORD OF SUBSURFACE EXPLORATION

Alt & Witzig Engineering, Inc.

CLIENT Shared Sites, LLC
 PROJECT NAME Zula Tower
 LOCATION Monticello, Kentucky

Boring # B-3
 Alt & Witzig File No. 07CN0054

DRILLING and SAMPLING INFORMATION

Date Started 4/12/2007 Hammer Wt. 140 lbs.
 Date Completed 4/12/2007 Hammer Drop 30 in.
 Boring Method HSA Spoon Sampler OD 2 in.

STRATA ELEV.	SOIL CLASSIFICATION		Depth Scale	Strata Depth	Sample No.	Sample Type	Sampler Graphics	Ground Water	Standard Penetration Test, N - Blows/foot	Cu - tsf Unconfined Compressive Strength	Pp - tsf Pocket Penetrometer	Moisture Content %	Remarks
	SURFACE ELEVATION												
	0.0-0.5 Topsoil												
	0.5-3.0 Brown Silty Clay Some Roots												
	[Pattern]	3.0-5.0 Brown Very Weathered Sandstone (Possible Siltstone and Shale Mix)	5	3.0	1	SS	[X]		15		2.0		
		Auger Refusal at 5.0 feet		5.0	2	SS	[X]		50/2				

Boring Method
 HSA - Hollow Stem Augers
 CFA - Continuous Flight Auger
 DC - Driving Casing
 MD - Mud Drilling

GROUNDWATER
 ▽ At Completion Dry ft.
 ▾ After hours ft.
 ○ Water on Rods Dry ft.
 C - Boring Caved Depth

Sample Type
 SS - Driven Split Spoon
 ST - Pressed Shelby Tube
 CA - Continuous Flight Auger
 RC - Rock Core
 CU - Cuttings



RECORD OF SUBSURFACE EXPLORATION

Alt & Witzig Engineering, Inc.

CLIENT Shared Sites, LLC
 PROJECT NAME Zula Tower
 LOCATION Monticello, Kentucky

Boring # B-2
 Alt & Witzig File No. 07CN0054

DRILLING and SAMPLING INFORMATION

Date Started 4/12/2007 Hammer Wt. 140 lbs.
 Date Completed 4/12/2007 Hammer Drop 30 in.
 Boring Method HSA Spoon Sampler OD 2 in.

STRATA ELEV.	SOIL CLASSIFICATION	Depth Scale	Strata Depth	Sample No.	Sample Type	Sampler Graphics	Ground Water	Standard Penetration Test, N - Blows/foot	Qu - tsf Unconfined Compressive Strength	Pp - tsf Pocket Penetrometer	Moisture Content %	Remarks
	0.0-0.5 Topsoil											
	0.5-3.0 Brown Shaley Clay											
	3.0-6.0 Brown Very Weathered Shale (Possible Siltstone and Sandstone mix)	5	3.0	1	SS	X		32		4.5		
			6.0	2	SS	X		50/2				
	Boring Terminated at 6.0 feet											

Boring Method
 HSA - Hollow Stem Augers
 CFA - Continuous Flight Auger
 DC - Driving Casing
 MD - Mud Drilling

GROUNDWATER
 ▽ At Completion Dry ft.
 ▼ After hours ft.
 ○ Water on Rods Dry ft.
 C - Boring Caved Depth

Sample Type
 SS - Driven Split Spoon
 ST - Pressed Shelby Tube
 CA - Continuous Flight Auger
 RC - Rock Core
 CU - Cuttings



RECORD OF SUBSURFACE EXPLORATION

Alt & Witzig Engineering, Inc.

CLIENT Shared Sites, LLC
 PROJECT NAME Zula Tower
 LOCATION Monticello, Kentucky

Boring # B-1
 Alt & Witzig File No. 07CN0054

DRILLING and SAMPLING INFORMATION

Date Started 4/11/2007 Hammer Wt. 140 lbs.
 Date Completed 4/11/2007 Hammer Drop 30 in.
 Boring Method HSA Spoon Sampler OD 2 in.

STRATA ELEV.	SOIL CLASSIFICATION	Depth Scale	Strata Depth	Sample No.	Sample Type	Sampler Graphics	Ground Water	Standard Penetration Test, N - Blows/foot	Qu - tsf Unconfined Compressive Strength	Pp - tsf Pocket Penetrometer	Moisture Content %	Remarks
	0.0-0.6 Topsoil											
	0.6-5.0 Red and Brown Clay			1	SS	X		20		1.8		
	5.0-6.0 Brown Weathered Siltstone and Sandstone	5	5.0	2	SS	X		50/3				
	Auger Refusal at 6.0 feet		6.0									

Boring Method
 HSA - Hollow Stem Augers
 CFA - Continuous Flight Auger
 DC - Driving Casing
 MD - Mud Drilling

GROUNDWATER
 At Completion Dry ft.
 After _____ hours ft.
 Water on Rods Dry ft.
 C - Boring Caved Depth

Sample Type
 SS - Driven Split Spoon
 ST - Pressed Shelby Tube
 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

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

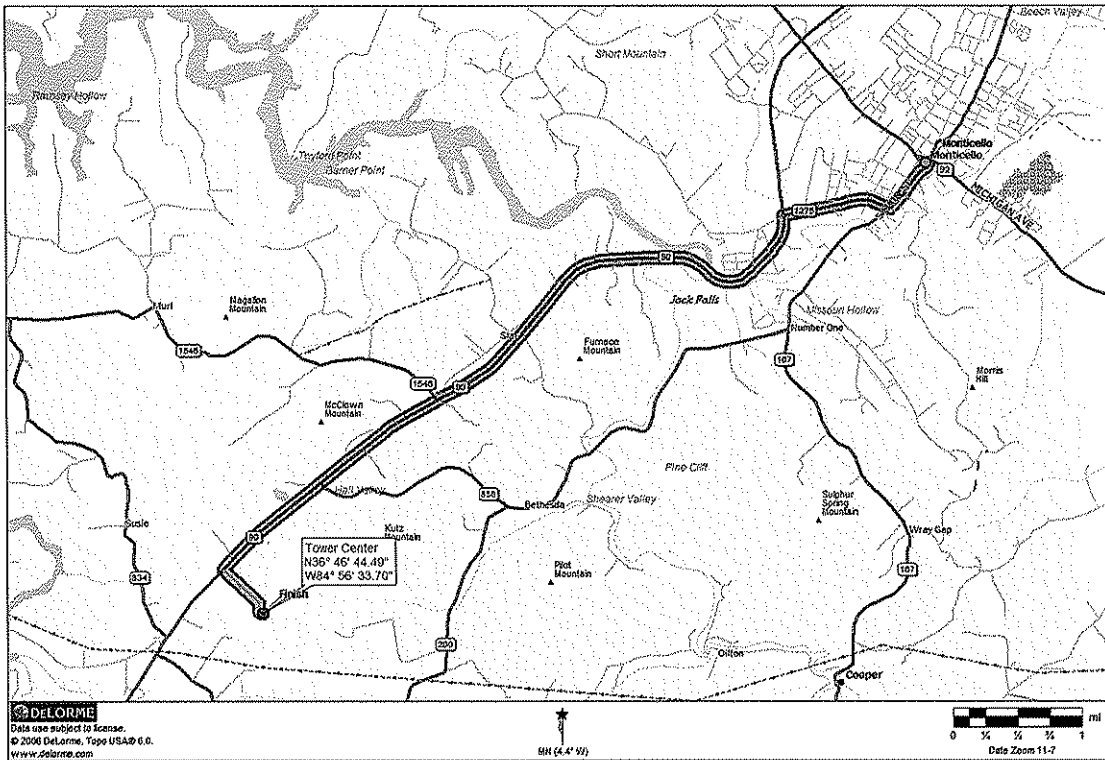
<u>TERM (COHESIVE SOILS)</u>	<u>Qu (TSF)</u>
Very soft	0 - 0.25
Soft	0.25 - 0.50
Medium	0.50 - 1.00
Stiff	1.00 - 2.00
Very Stiff	2.00 - 4.00
Hard	4.00+

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 Wayne County Court House proceed south west on SR167 / SR1275 for approx. .5 miles. Turn right on SR 1275 when it splits from SR 167. Follow SR 1275 for approx. .9 miles. Turn left on SR90 and follow for approx 5.5 miles. Turn left just before Wayne Lumber onto access drive to municipal water tank. WCF will be behind municipal water tank.

These directions were prepared by:

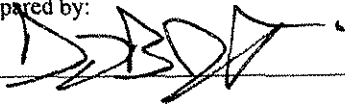
David B. Jantzi
Boulevard Properties
7383 Utica Boulevard
Lowville, NY 13367
(315) 523-6258

EXHIBIT L

COPY OF

MEMORANDUM OF REAL ESTATE AGREEMENT

This instrument prepared by:



David B. Jantzi

593

After recording please return to:

Shared Sites WV, LLC, 1390 Chain Bridge Road #40, McLean VA 22101

Tax Map No. 27, Plot No. 70

Notice to Clerk: Both Owner and Lessee are to be indexed in the Grantors and Grantees Indices.

Memorandum of Site Lease Agreement

(Exhibit B of the Lease Agreement)

Site Name: Zula

Site I.D.: _____

This memorandum evidences that a lease was made and entered into by written Site Lease Agreement dated 02/21/2007, between Wayne Lumber Company, Inc. ("Owner") and Shared Sites WV, LLC, a West Virginia limited liability company ("Lessee"), the terms and conditions of which are incorporated herein by reference.

Such Agreement provides in part that Owner leases to Lessee a portion of a certain site ("Site") located at 9096 W. Hwy 90, City of Monticello, County of Wayne, State of Kentucky owned by Owner, as described in Exhibit A attached hereto, with grant of easement for unrestricted rights of access thereto and to electric, telephone and guy wire facilities for an initial term of five (5) years, which term is subject to ten (10) additional five (5) year extension periods by Lessee.

IN WITNESS WHEREOF, the parties have executed the Memorandum as of the day and year first above written.

"Owner"

Wayne Lumber Company, Inc.

By: Walter L. Richardson

Name: Walter L. Richardson

Title: President

Date: 2-23-07

Address: PO Box 576, 9096 W. Hwy 90
Monticello, KY 42633

"Lessee"

Shared Sites WV, LLC



David B. Jantzi

Consultant

02-23-07

1390 Chain Bridge Road #40
McLean, VA 22101

9096

STATE OF Kentucky
CITY/COUNTY OF Wayne, ss

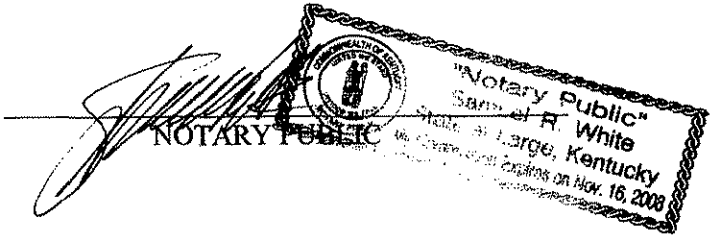
(Lessee Notary Block)

594

The foregoing instrument was acknowledged before me this 23RD day of FEB, 2007, by DAVID JATEL (Name), Consultant (Title) of Shared Sites WV, LLC, a West Virginia limited liability company (Lessee) on behalf of the limited liability company.

(AFFIX NOTARIAL SEAL)

My commission expires: 16 Nov 08



STATE OF _____
CITY/COUNTY OF _____, ss

(Owner Notary Block for Individuals)

The foregoing instrument was acknowledged before me this _____ day of _____, 2007, by _____ and _____ (Name(s) as applicable), each an Owner.

(AFFIX NOTARIAL SEAL)

My commission expires: _____

NOTARY PUBLIC

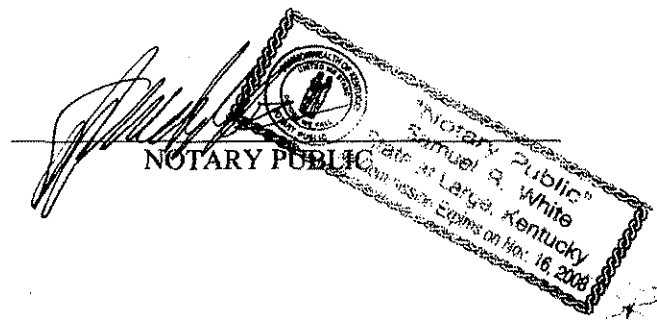
STATE OF Kentucky
CITY/COUNTY OF Wayne, ss

(Owner Notary Block for Companies)

The foregoing instrument was acknowledged before me this 23RD day of FEB, 2007, by WALTER L. RICHARDSON (Name), President (Title) of Wayne Lumber Co. Inc. (Owner - Name of Business, N/A if not applicable) a _____ (e.g. A West Virginia Corporation, N/A if not applicable) on behalf of the Corp (Type of Entity- e.g. Corporation, N/A if not applicable).

(AFFIX NOTARIAL SEAL)

My commission expires: 16 Nov 08



907R

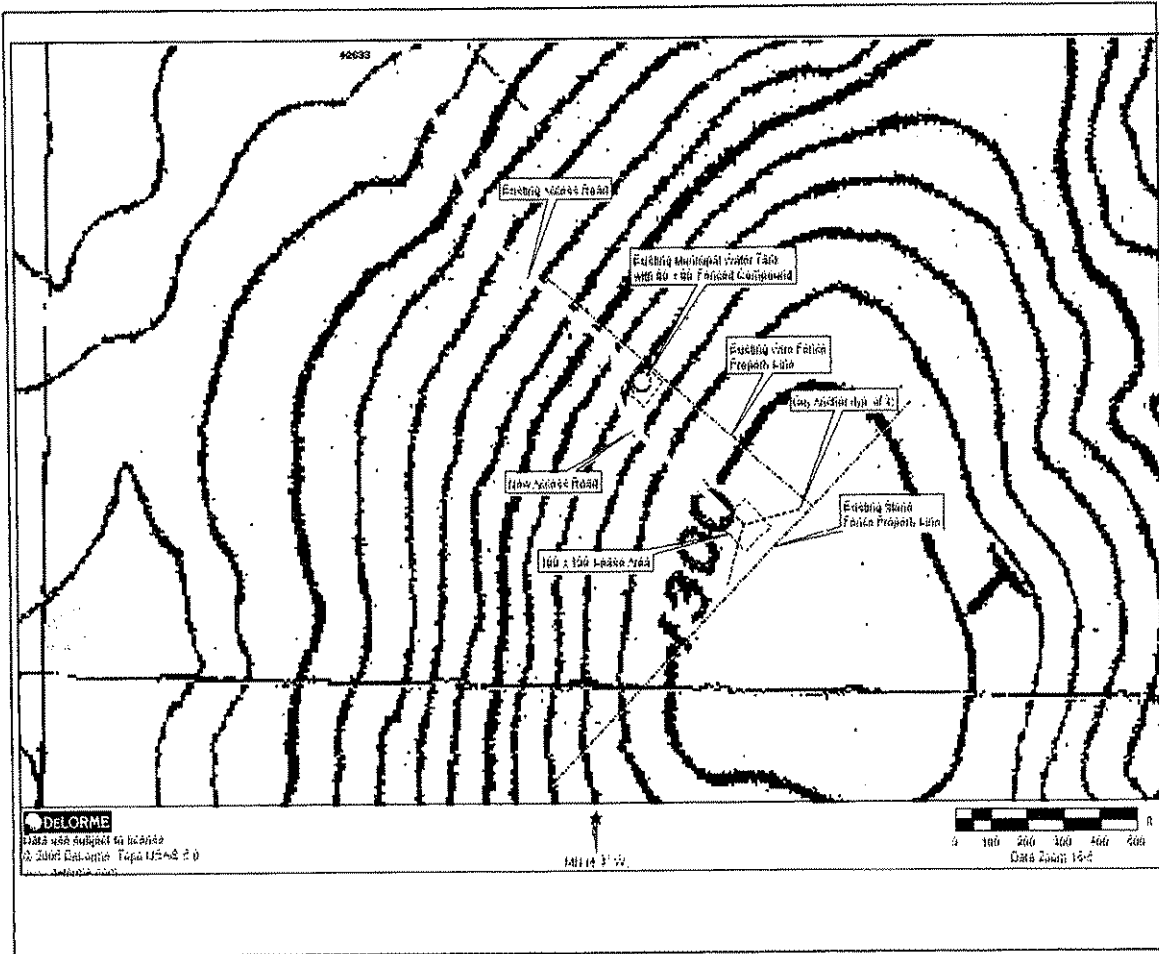
EXHIBIT A
Site Agreement - Site Description - Permitted Exceptions

595

Site Name: **Zula** Site I.D.: _____
 Site situated in the City/Town of Monticello, County of Wayne, State of Kentucky commonly described as follows:

Legal Description: A portion of the premises located at address: 9096 W. Hwy 90, Monticello, KY 42633
 more particularly described in Deed to: Wayne Lumber Company, Inc. dated June 16, 1981 and recorded in Wayne County
 Registry of Deeds at Book 178, Page 540. Tax Map 27, Plot 70

Sketch of Site:



Permitted Exceptions: None.

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.

State of Kentucky, County of Wayne
 Melissa Turpin, Clerk of Wayne County, certify that on the
22 day of Mar, 2007 at 3:45 PM the
 foregoing lease was produced to me
 certified as above and lodged for record. Whereupon I have recorded
 the same, together with this certificate.
 this 26 day of Mar, 2007
 in Book 2 No. 80 Page 393
 Attest: Melissa Turpin By: ML

ML

EXHIBIT M
FLOOD PLAIN CERTIFICATION

McKinney Land Surveying
103 South Reed Street
Columbia, KY 42728
floydboxer@yahoo.com

.....

McKinney Land Surveying

April 3, 2007

To Whom It May Concern:

The "Zula" site located in Wayne County, Kentucky {Proposed for lease by Shared Sites WV, L.L.C., for the purpose of erecting a telecommunications tower} is classified as **Zone C**. This classification is zoning for an unincorporated area. 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. McKinney 04/04/07
Michael E. McKinney
P.L.S. #3318

.....

EXHIBIT N
NOTIFICATION LISTING

CERTIFICATION OF NOTIFICATION

Wayne Lumber Company
PO Box 576
Monticello, KY 42633

Shelia Massengale
RR 6 Box 1736
Monticello, KY 42633

Dalton Family Trust
140 Damron Drive
Monticello, KY 42633

Kay & Barbara Koger
RR 4 Box 356 AA
Monticello, KY 42633

Tamara Wray
RR 4 Box 354
Monticello, KY 42633

American Woodmark Corporation
3102 Shawnee Drive
Winchester, VA 22601

Nick Cooley
PO Box 1028
McDowell, KY 41647

City of Monticello
PO Box 550
Monticello, KY 42633

Russell H. & Ruth Upchurch, Trustees
RR4 Box 356 E.
Monticello, KY 42633

Helen Massengale
RT 6 Box 1736
Monticello, KY 42633

Georgia Hancock
RR 4 Box 356 D
Monticello, KY 42633

The Honorable Gregory Rankin
Wayne County Judge Executive
Wayne County Courthouse
109 Main Street
Monticello, KY 42633-0565

EXHIBIT O

COPY OF PROPERTY OWNER NOTIFICATION

April 9, 2007

Wayne Lumber Company
PO Box 576
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

Dear Sir or Madam:

Shared Sites, LLC and American Cellular Corporation are making application to the Kentucky Public Service Commission (PSC) for a Certificate of Public Convenience 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 9096 W. Hwy. 90, Monticello, KY 42633. The PSC regulations dictate that all owners of property within 500' of the proposed wireless facility and all owners of property which adjoins the property on which the wireless facility is proposed, are to be notified in writing. In addition, Shared Sites is required to notify the ranking local government official(s). 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.: 2007-00132 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:
Shared Sites, LLC

April 9, 2007

Dalton Family Trust
140 Damron Drive
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

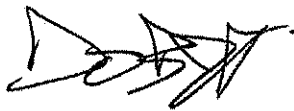
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Please feel free to contact David Jantzi at 315-376-3333, if you have any questions.

Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

Tamara Wray
RR 4 Box 354
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

Dear Sir or Madam:

Shared Sites, LLC and American Cellular Corporation are making application to the Kentucky Public Service Commission (PSC) for a Certificate of Public Convenience 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 9096 W. Hwy. 90, Monticello, KY 42633. The PSC regulations dictate that all owners of property within 500' of the proposed wireless facility and all owners of property which adjoins the property on which the wireless facility is proposed, are to be notified in writing. In addition, Shared Sites is required to notify the ranking local government official(s). 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.

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Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

Nick Cooley
PO Box 1028
McDowell, KY 41647

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

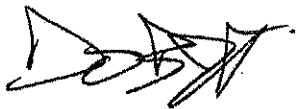
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Please feel free to contact David Jantzi at 315-376-3333, if you have any questions.

Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

Russell H. & Ruth Upchurch, Trustees
RR4 Box 356 E.
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

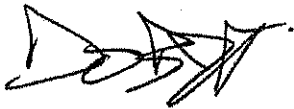
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Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

Georgia Hancock
RR 4 Box 356 D
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

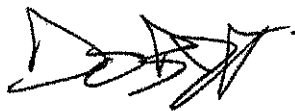
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Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

Shelia Massengale
RR 6 Box 1736
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

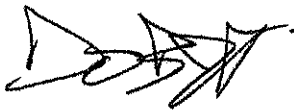
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Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

Kay & Barbara Koger
RR 4 Box 356 AA
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

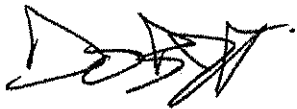
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Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

American Woodmark Corporation
3102 Shawnee Drive
Winchester, VA 22601

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

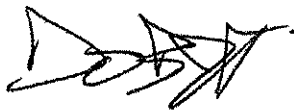
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Sincerely,



David B. Jantzi
Boulevard Properties, LLC
Representing:
Shared Sites, LLC

April 9, 2007

City of Monticello
PO Box 550
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

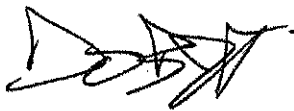
Dear Sir or Madam:

Shared Sites, LLC and American Cellular Corporation are making application to the Kentucky Public Service Commission (PSC) for a Certificate of Public Convenience 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 9096 W. Hwy. 90, Monticello, KY 42633. The PSC regulations dictate that all owners of property within 500' of the proposed wireless facility and all owners of property which adjoins the property on which the wireless facility is proposed, are to be notified in writing. In addition, Shared Sites is required to notify the ranking local government official(s). 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.: 2007-00132 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:
Shared Sites, LLC

April 9, 2007

Helen Massengale
RT 6 Box 1736
Monticello, KY 42633

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007-00132

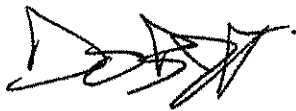
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Shared Sites, LLC and American Cellular Corporation are making application to the Kentucky Public Service Commission (PSC) for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless communication 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 9096 W. Hwy. 90, Monticello, KY 42633. The PSC regulations dictate that all owners of property within 500' of the proposed wireless facility and all owners of property which adjoins the property on which the wireless facility is proposed, are to be notified in writing. In addition, Shared Sites is required to notify the ranking local government official(s). 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.

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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:
Shared Sites, LLC

EXHIBIT P

COPY OF JUDGE EXECUTIVE NOTICE

April 9, 2007

The Honorable Gregory Rankin
Wayne County Judge Executive
Wayne County Courthouse
109 Main Street
Monticello, KY 42633-0565

RE: Public Notice – Kentucky Public Service Commission
Docket No.: 2007 -00132

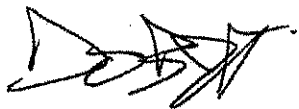
Dear Sir:

Shared Sites, LLC and ACC of Kentucky, LLC are making application to the Kentucky Public Service Commission for a Certificate of Public Convenience 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 9096 W. Hwy. 90, Monticello, KY 42633. . The PSC regulations dictate that all owners of property within 500' of the proposed wireless facility and all owners of property which adjoins the property on which the wireless facility is proposed, are to be notified in writing. In addition, Shared Sites is required to notify the local government officials This notice is being sent to you because you are the Judge Executive for Wayne 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.:2007-00132 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:
Shared Sites, LLC

EXHIBIT Q
COPY OF POSTING NOTICES

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

IF YOU HAVE QUESTIONS PLEASE CONTACT

David Jantzi (Shared Sites Representative)
1390 Chain Bridge Rd. #40, McLean, VA 22101
315-523-6258

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)
1390 Chain Bridge Rd. #40, McLean, VA 22101
315-523-6258

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

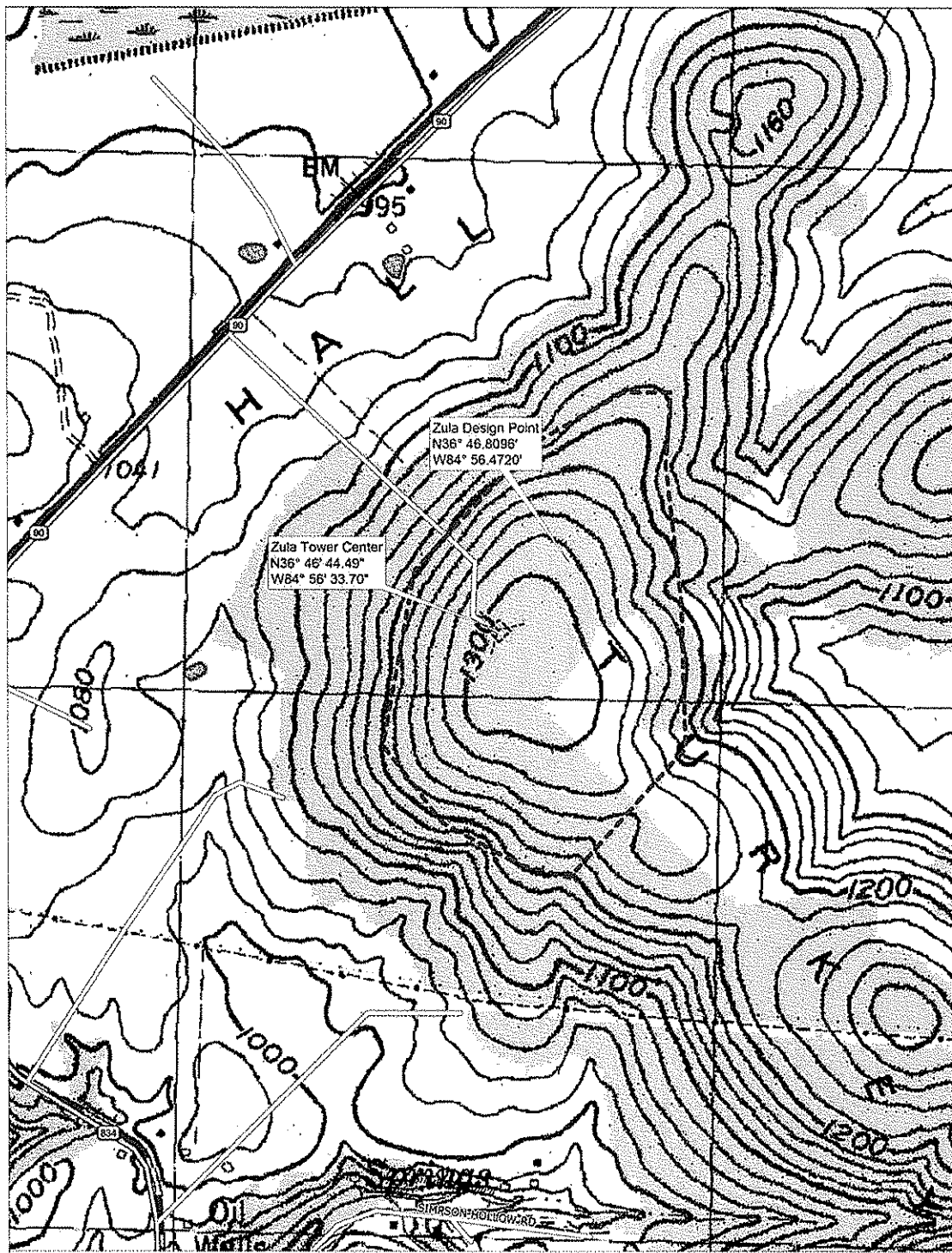




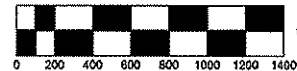
EXHIBIT R

RADIO FREQUENCY DESIGN SEARCH AREA

ZULA RF SEARCH AREA



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Data Zoom 14-4

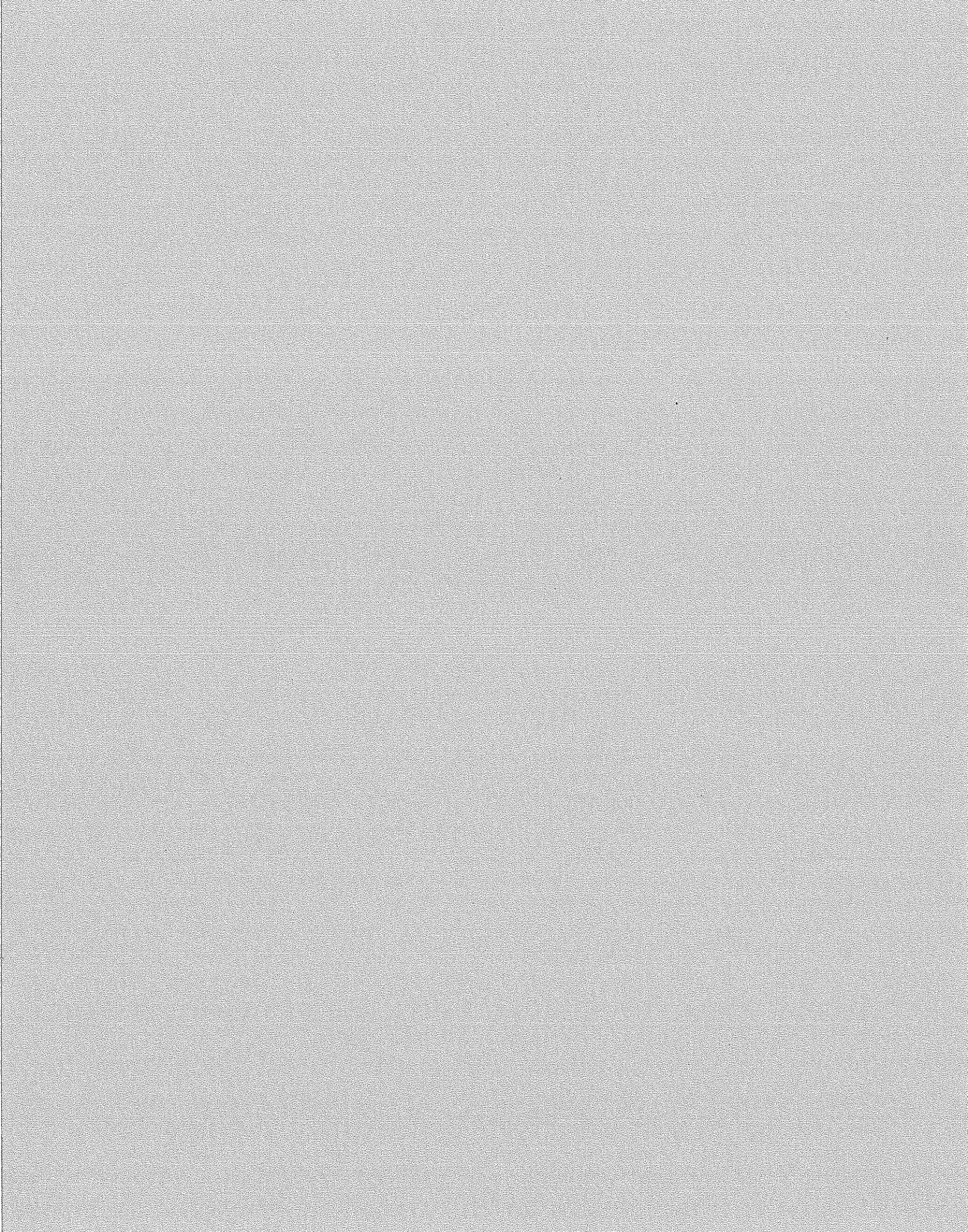
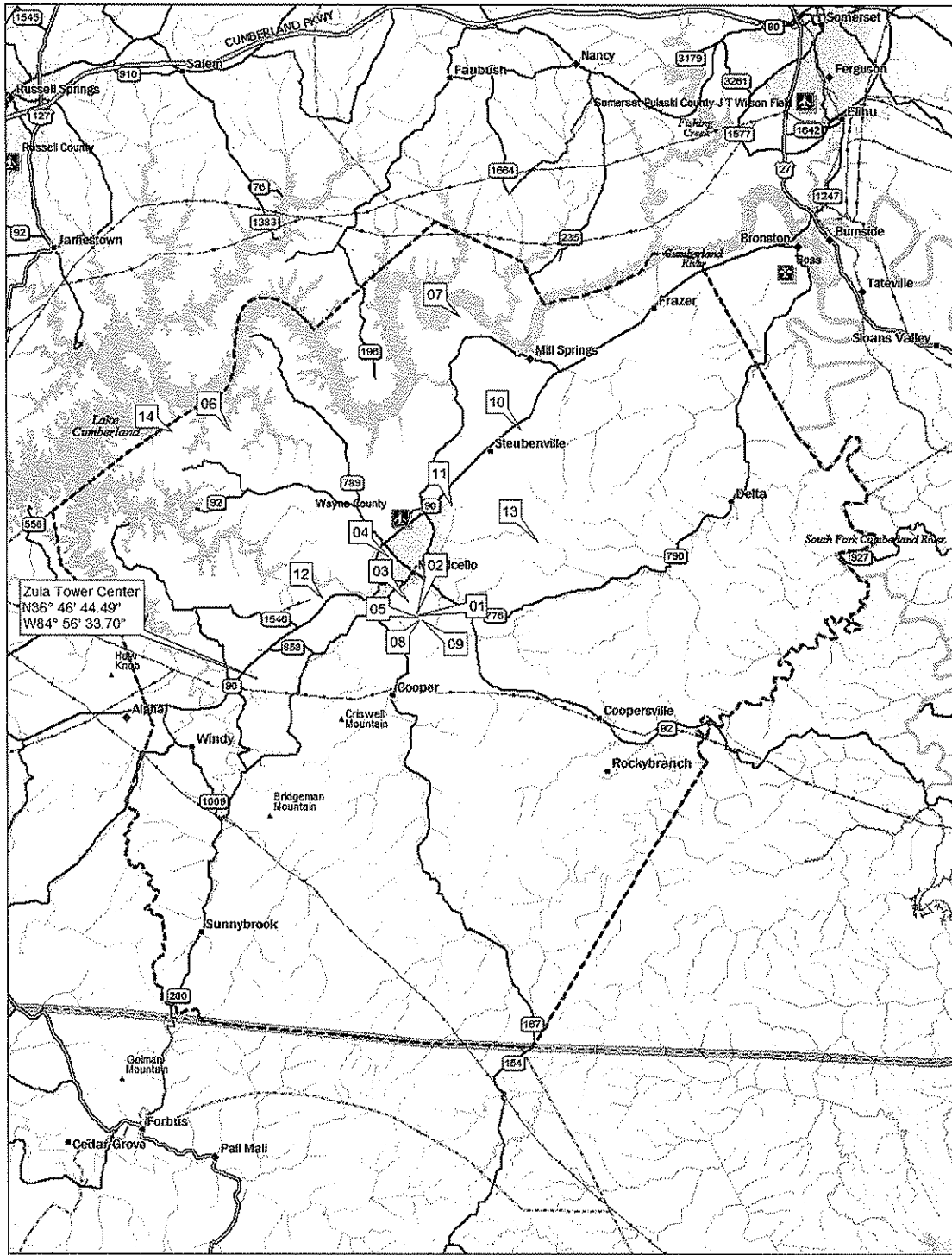


EXHIBIT S

TOWER MAP FOR SUBJECT COUNTY

WAYNE COUNTY EXISTING TOWERS



DELORME

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Data Zoom 9-5

Registration Number	Status	File Number	Owner Name	Latitude Longitude	Structure City/State	Overall Height (feet AGL)	Overall Height (meters AGL)
1	Constructed	A0103300	Cumberland Cellular Partnership	36-48-34.0N 084-50-46.0W	MONTICELLO, KY	200.141	61
2	Constructed	A0009993	STAPLES JR, STEPHEN W DBA = WKYM FM	36-48-36.0N 084-50-49.0W	MONTICELLO, KY	198.8286	60.6
3	Constructed	A0318927	Monticello Wayne County Telecommunications Board	36-48-58.0N 084-51-07.0W	MONTICELLO, KY	200.141	61
4	Constructed	A0361877	STAPLES JR, STEPHEN W DBA = WFLW AM	36-50-14.3N 084-51-49.8W	MONTICELLO, KY	185.0484	56.4
5	Constructed	A0151378	MONTICELLO WAYNE COUNTY MEDIA INC DBA = WMKZ FM	36-48-29.0N 084-50-46.0W	MONTICELLO, KY	180.455	55
6	Constructed	A0134682	Cumberland Cellular Partnership	36-53-50.0N 084-57-27.0W	Monticello, KY	419.968	128
7	Constructed	A0453388	Global Tower, LLC	36-57-06.3N 084-49-13.8W	Monticello, KY	298.8991	91.1
8	Granted	A0099865	Commercial Communications Co	36-48-25.2N 084-50-44.8W	Monticello, KY	111.8821	34.1
9	Granted	A0280520	MONTICELLO, CITY OF	36-48-25.5N 084-50-38.1W	MONTICELLO, KY	177.8302	54.2
10	Constructed	A0497716	DIAMOND TOWER LLC	36-53-52.1N 084-47-02.5W	Monticello, KY	319.8975	97.5
11	Constructed	A0534021	Shared Sites, LLC	36-51-41.3N 084-49-32.9W	Monticello, KY	127.959	39
12	Granted	A0523601	Bluegrass Cellular, Inc.	36-49-02.3N 084-54-11.6W	Monticello, KY	220.1551	67.1
13	Constructed	A0052862	KENTUCKY COMMONWEALTH OF DBA = KY EMERGENCY WARNING SYSTEM KEWS	36-50-40.0N 084-46-27.0W	PARKERS LAKE, KY	275.604	84
14	Constructed	A0455314	Global Tower, LLC	36-53-48.0N 084-59-32.0W	PARNELL, KY	421.9366	128.6