CASE NUMBER:

99-433

PRD-410
4-83

CASE NUMBER:

99-433

V-E-308; Box 51

HISTORY INDEX FOR CASE: 1999[redacted]B AS OF : 03/06/0[redacted]
KENTUCKY CGSA,INC.,DBA BELLSOUTH MOBILITY,WESTEL-MILWAUKEE,BSC
Construct
CELL SITE - OLD HIGHWAY #10 - VANCEBURG

IN THE MATTER OF APPLICATION OF CROWN COMMUNICATION INC.
AND KENTUCKY CGSA, INC. FOR ISSUANCE OF A CERTIFICATE OF
PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT A WIRELESS
COMMUNICATIONS FACILITY AT OLD KY HIGHWAY NO. 10, VANCEBURG,
KY 41179 IN THE WIRELESS COMMUNICATIONS LICENSE AREA IN THE
COMMONWEALTH OF KENTUCKY IN THE COUNTY OF LEWIS
SITE NAME: VANCEBURG
SITE NUMBER: KY 258

SEQ NBR	ENTRY DATE	REMARKS
0001	10/29/1999	Application.
0002	11/01/1999	Acknowledgement letter.
0003	11/02/1999	No def. letter
M0001	11/24/1999	CROWN COMMUNICATIONS DAVID PIKE-MOTION TO SUBMIT FOR EXPIDITED DECISION WITHOUT HEARING
0004	12/28/1999	Final Order approving cell site construction.
M0002	01/14/2000	DAVID PIKE CRWON COMMUNCATIONS-FEDERAL AVIATION & KY AIRPORT ZONING COMMISSION APPROVALS

Pike
Legal Group
Attorneys at Law

January 13, 2000

Susan G. Hutcherson
Filings Division Manager, Docket Branch
Kentucky Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Re: Applicant: Crown Communication, Inc.
PSC Case No.: 99-433
Crown Site No.: KY258
Crown Site Name: Vanceburg
Federal Aviation Administration Approval
Kentucky Airport Zoning Commission Approval

Dear Susan:

Please accept this letter and the attached documents as an official filing in the above-referenced Public Service Commission action. The Certificate of Public Convenience and Necessity issued in this action called for the Applicant to file a copy of the Federal Aviation Administration and Kentucky Airport Zoning Commission approvals once they were obtained. Copies of this relevant documentation are attached to this letter for inclusion in the official case file.

If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

David A. Pike
Regional Counsel, Crown Communication Inc.
E-mail: pikelegal@aol.com

DAP/slb

Enclosures

BUN 811142 LEX-NE Vanceburg Relo.

Federal Aviation Administration
Southern Region, ASO-520
P.O. Box 20636
Atlanta, GA 30320

AERONAUTICAL STUDY
No: 99-ASO-4508-OE

ISSUED DATE: 09/28/99

DAN BENNETT
BELLSOUTH MOBILITY, INC
1650 LYNDON FARMS CT
LOUISVILLE, KY 40223

** DETERMINATION OF NO HAZARD TO AIR NAVIGATION **

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

Description: NEW ANTENNA TOWER
SEE ATTACHED FREQUENCIES
Location: VANCEBURG KY
Latitude: 38-34-35.84 NAD 83
Longitude: 083-26-23.28
Heights: 395 feet above ground level (AGL)
1448 feet above mean sea level (AMSL)

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

-As a condition to this determination, the structure should be marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1J, Obstruction Marking and Lighting, Chapters 4, 8(M-Dual), & 13.

-It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

N/A At least 10 days prior to start of construction (7460-2, Part I)

X Within 5 days after construction reaches its greatest height (7460-2, Part II)

-See attachment for additional condition(s) or information.

This determination expires on 03/28/01 unless:

(a) extended, revised or terminated by the issuing office or
(b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case the determination expires on the date prescribed by the FCC for completion of construction or on the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

-As a result of this structure being critical to flight safety, it is

Vanceboro

required that the FAA be kept apprised as to the status of this project. Failure to respond to periodic FAA inquiries could invalidate this determination.

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

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

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

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

If we can be of further assistance, please contact our office at 404-305-5581. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 99-ASO-4508-OE.

Wade Carpenter

Wade Carpenter
Specialist, Airspace Branch

(DNE)

7460-2 Attached
Attachment

Vanceburg

ATTACHMENT 1

AERONAUTICAL STUDY
NO. 99-ASO-4508-OE

FREQUENCIES

800-960 MHz	**500 Watts**
1500-2000 MHz	**500 Watts**
144-502 MHz	**500 Watts**
6.0 GHz	**5 Watts**

Vanceburg

002/004

01/06/00 THU 09:01 FA

Kentucky Airport Zoning Commission
125 Holmes Street
Frankfort, KY 40622

(502) 564-4480
fax (502) 564-7953
No.: AS-068-FGX-99-204

BSM 4/01 A

Vanceburg Relo
LEX-VB2

November 23, 1999

APPROVAL OF APPLICATION

APPLICANT:
BELLSOUTH MOBILITY
DAN BENNETT, RF ENGINEER
1650 LYNDON FARMS COURT
Louisville, KY 40223

SUBJECT: AS-068-FGX-99-204

STRUCTURE: Antenna Tower
LOCATION: Vanceburg, KY
COORDINATES: 38°34'35.84"N / 83°26'23.28"W
HEIGHT: 395'AGL/1,448'AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct (395'AGL/1,448'AMSL) Antenna Tower near Vanceburg, KY 38°34'36"N, 83°26'23"W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit. 5/23/01

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

Dual obstruction lighting is required in accordance with 602 KAR 50:100..

for: Ronald Bland, Administrator

INDEX FOR CASE: 1999-433 AS OF : 12/28/99
KENTUCKY CGSA,INC.,DBA BELLSOUTH MOBILITY,WESTEL-MILWAUKEE,BSC
Construct
CELL SITE - OLD HIGHWAY #10 - VANCEBURG

IN THE MATTER OF APPLICATION OF CROWN COMMUNICATION INC.
AND KENTUCKY CGSA, INC. FOR ISSUANCE OF A CERTIFICATE OF
PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT A WIRELESS
COMMUNICATIONS FACILITY AT OLD KY HIGHWAY NO. 10, VANCEBURG,
KY 41179 IN THE WIRELESS COMMUNICATIONS LICENSE AREA IN THE
COMMONWEALTH OF KENTUCKY IN THE COUNTY OF LEWIS
SITE NAME: VANCEBURG
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COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 1999-433
KENTUCKY CGSA,INC.,DBA BELLSOUTH MOBILITY,WESTEL-MILWAUKEE,BSC

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on December 28, 1999.

See attached parties of record.

Stephanie D. Bell

Secretary of the Commission

SB/lc
Enclosure

Steve Skinner
Manager of External Affairs
Kentucky CGSA,Inc.,dba Bellsouth
Mobility,Westel-Milwaukee,BSCC of IN
1100 Peachtree Street
Room 809
Atlanta, GA. 30309

Mr. Lloyd McCarthy
Crown Communication, Inc.
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Mr. Richard Guittar
1650 Lyndon Farms Court
Louisville, KY. 40223

Honorable Sam G. McNamara
Attorney for KY CGSA, Inc.
McNamara & Jones
315 High Street
P.O. Box 916
Frankfort, KY. 40602

Honorable David A. Pike
Attorney for Crown Communication
Pike Legal Group
200 S. Buckman Street
P.O. Box 369
Shepherdsville , KY. 40165 0369

CASE NUMBER:1999-433

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC. AND KENTUCKY CGSA, INC. FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT A WIRELESS COMMUNICATIONS FACILITY AT OLD KY HIGHWAY NO. 10, VANCEBURG, KY 41179 IN THE WIRELESS COMMUNICATIONS LICENSE AREA IN THE COMMONWEALTH OF KENTUCKY IN THE COUNTY OF LEWIS SITE NAME: VANCEBURG SITE NUMBER: KY258	)	CASE NO. 99-433

O R D E R

On October 29, 1999, Crown Communication Inc. ("Crown") and Kentucky CGSA, Inc., d/b/a BellSouth Mobility Inc. (collectively, the "Applicants") filed an application seeking a Certificate of Public Convenience and Necessity to construct and operate a wireless telecommunications facility. The proposed facility consists of a self-supporting antenna tower not to exceed 395 feet in height, with attached antennas, to be located at Old KY Highway No. 10, Vanceburg, Lewis County, Kentucky. The coordinates for the proposed facility are North Latitude 38° 34' 35.84" by West Longitude 83° 26' 23.28".

Crown has provided information regarding the structure of the tower, safety measures, and antenna design criteria for the proposed facility. Based upon the application, the design of the tower and foundation conforms to applicable nationally recognized building standards, and the plans have been certified by a Registered Professional Engineer.

Pursuant to 807 KAR 5:063, the Applicants have notified the Lewis County Judge/Executive of the proposed construction. To date, no comments have been filed by the Judge/Executive. The Applicants have filed applications with the Federal Aviation Administration ("FAA") and the Kentucky Airport Zoning Commission ("KAZC") seeking approval for the construction and operation of the proposed facility. Both decisions are pending.

The Applicants have filed evidence of the appropriate notices provided pursuant to 807 KAR 5:063. The notices solicited any comments and informed the recipients of their right to request intervention. To date, no public comments opposing the proposed construction have been filed with the Commission.

Pursuant to KRS 278.280, the Commission is required to determine proper practices to be observed when it finds, upon complaint or on its own motion, that the facilities of any utility subject to its jurisdiction are unreasonable, unsafe, improper, or insufficient. To assist the Commission in its efforts to comply with this mandate, Crown should notify the Commission if it does not use this antenna tower to provide service in the manner set out in its application and this Order. Upon receipt of such notice, the Commission may, on its own motion, institute proceedings to consider the proper practices, including removal of the unused antenna tower, which should be observed by Crown.

The Commission, having considered the evidence of record and being otherwise sufficiently advised, finds that the Applicants have demonstrated that a facility is necessary to provide adequate utility service and therefore should be granted a Certificate of Public Convenience and Necessity to construct the proposed facility.

IT IS THEREFORE ORDERED that:

1. Crown is granted a Certificate of Public Convenience and Necessity to construct a self-supporting antenna tower not to exceed 395 feet in height, with attached antennas, to be located at Old KY Highway No. 10, Vanceburg, Lewis County, Kentucky. The coordinates for the proposed facility are North Latitude 38° 34' 35.84" by West Longitude 83° 26' 23.28".

2. The Applicants shall file a copy of the final decisions regarding their pending FAA and KAZC applications for the proposed construction within 10 days of receiving these decisions.

3. Crown shall immediately notify the Commission in writing, if, after the antenna tower is built and utility service is commenced, the tower is not used for a period of 3 months in the manner authorized by this Order.

Done at Frankfort, Kentucky, this 28th day of December, 1999.

PUBLIC SERVICE COMMISSION

Chairman

Vice Chairman

Commissioner

ATTEST:

Executive Director

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.	)	
AND KENTUCKY CGSA, INC.	)	
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	)	CASE NO.: 99-433
CONVENIENCE AND NECESSITY TO CONSTRUCT	)	
A WIRELESS COMMUNICATIONS FACILITY AT	)	
OLD KY HIGHWAY NO. 10, VANCEBURG, KY 41179	)	
IN THE WIRELESS COMMUNICATIONS LICENSE AREA	)	
IN THE COMMONWEALTH OF KENTUCKY	)	
IN THE COUNTY OF LEWIS	)	

SITE NAME: VANCEBURG
SITE NUMBER: KY258

* * * * * * * * * * * *

MOTION TO SUBMIT
FOR EXPEDITED DECISION WITHOUT PUBLIC HEARING

Come Crown Communication Inc. ("Crown"), and Kentucky CGSA, Inc., d/b/a BellMobility, Inc. ("Provider"), as a licensed public utility in the Commonwealth of Kentucky, Applicants herein, by counsel, and move the Kentucky Public Service Commission ("PSC") to promptly grant a Certificate of Public Convenience and Necessity ("CPCN") in the within Application proceeding based on the following facts and circumstances:

1. The Applicants have met all filing requirements under the Kentucky Revised Statutes and the Kentucky Administrative Regulations applicable to this proceeding.

2. There are no Interveners in this proceeding after Notice has been afforded pursuant to the terms of the Kentucky Revised Statutes and the Kentucky Administrative Regulations.

3. The Wireless Communications Facility ("WCF") which is the subject of this Application for a CPCN is a vital element of the Provider's wireless communications

network, and is necessary to provide service in accordance with provisions of its license with the Federal Communications Commission.

4. The county where the WCF is located has not registered for the right to regulate cell sites with the PSC, and has not adopted planning and zoning regulations in accordance with KRS Chapter 100.

5. The Application in this administrative proceeding was originally filed with the PSC on October 29, 1999, 26 days before the submission of this Motion.

WHEREFORE, Crown Communication Inc. and the Provider, Applicants herein, by counsel, urge the PSC to promptly grant a CPCN in accordance with the terms of the Application in this proceeding without public hearing.

Respectfully submitted,

David A. Pike
Pike Legal Group
200 S. Buckman Street
Post Office Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
E-Mail: pikelegal@aol.com
ATTORNEY FOR CROWN COMMUNICATION INC.

and

Sam McNamara
McNamara & Jones
P.O. Box 916
Frankfort, KY 40602
ATTORNEY FOR KENTUCKY CGSA, INC.

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

November 2, 1999

To: All parties of record

RE: Case No. 99-433
KENTUCKY CGSA,INC.,DBA BELLSOUTH MOBILITY,WESTEL-MILWAUKEE,BSC

The Commission staff has reviewed your application in the above case and finds that it meets the minimum filing requirements. Enclosed please find a stamped filed copy of the first page of your filing. This case has been docketed and will be processed as expeditiously as possible.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,

Stephanie Bell
Secretary of the Commission

SB/sa
Enclosure

Steve Skinner
Manager of External Affairs
Kentucky CGSA,Inc.,dba Bellsouth
Mobility,Westel-Milwaukee,BSCC of IN
1100 Peachtree Street
Room 809
Atlanta, GA. 30309

Mr. Lloyd McCarthy
Crown Communication, Inc.
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Mr. Richard Guittar
1650 Lyndon Farms Court
Louisville, KY. 40223

Honorable Sam G. McNamara
Attorney for KY CGSA, Inc.
McNamara & Jones
315 High Street
P.O. Box 916
Frankfort, KY. 40602

Honorable David A. Pike
Attorney for Crown Communication
Pike Legal Group
200 S. Buckman Street
P.O. Box 369
Shepherdsville , KY. 40165 0369

Pike
Legal Group
Attorneys at Law

October 29, 1999

VIA HAND DELIVERY

Helen C. Helton
Executive Director
Kentucky Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

Re: Request for Waiver for From Requirements for Duplicate Initial Filing
PSC Case Number: 99-433
Site Name: Vanceburg
Site Number: KY 258

Dear Helen:

Please accept this letter as our formal application for waiver of the requirement that an original and ten (10) copies of an initial application for issuance of Certificate of Public Convenience and Necessity be filed with the Kentucky Public Service Commission ("PSC") in wireless communications facilities cases. As is the normal custom, we request that we be allowed to file an original and five (5) copies of our application for Certificate of Public Convenience and Necessity.

Thank you for your courtesy. If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

David A. Pike
Regional Counsel for Crown Communication Inc.

DAP:slb

For Inclusion in Application File

Shepherdsville Office • 200 S. Buckman Street • P.O. Box 369 • Shepherdsville, Kentucky 40165-0369 • (502) 955-4400 / Fax: (502) 543-4410
Frankfort Office • Frankfort Plaza • P.O. Box 771 • Frankfort, Kentucky 40602-0771 • (502) 875-4048

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

November 1, 1999

To: All parties of record

RE: Case No. 99-433
KENTUCKY CGSA,INC.,DBA BELLSOUTH MOBILITY,WESTEL-MILWAUKEE,BSC
(Construct) CELL SITE - OLD HIGHWAY #10 - VANCEBURG

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received October 29, 1999 and has been assigned Case No. 99-433. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,

Stephanie Bell
Secretary of the Commission

SB/sh

Steve Skinner
Manager of External Affairs
Kentucky CGSA,Inc.,dba Bellsouth
Mobility,Westel-Milwaukee,BSCC of IN
1100 Peachtree Street
Room 809
Atlanta, GA. 30309

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Pike
Legal Group
Attorneys at Law

October 29, 1999

VIA HAND DELIVERY

Helen C. Helton
Executive Director
Kentucky Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

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Site Name: Vanceburg
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Thank you for your courtesy. If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

David A. Pike
Regional Counsel for Crown Communication Inc.

DAP:slb

For Inclusion in Application File

Shepherdsville Office • 200 S. Buckman Street • P.O. Box 369 • Shepherdsville, Kentucky 40165-0369 • (502) 955-4400 / Fax: (502) 543-4410
Frankfort Office • Frankfort Plaza • P.O. Box 771 • Frankfort, Kentucky 40602-0771 • (502) 875-4048

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.	)	
AND KENTUCKY CGSA, INC.	)	
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	)	CASE NO.: 99-433
CONVENIENCE AND NECESSITY TO CONSTRUCT	)	
A WIRELESS COMMUNICATIONS FACILITY AT	)	
OLD KY HIGHWAY NO. 10, VANCEBURG, KY 41179	)	
IN THE WIRELESS COMMUNICATIONS LICENSE AREA	)	
IN THE COMMONWEALTH OF KENTUCKY	)	
IN THE COUNTY OFLEWIS	)	

SITE NAME: Vanceburg
SITE NUMBER: KY 258

* * * * * * *

Crown Communication Inc. ("Crown"), and Kentucky CGSA, Inc., d/b/a BellSouth Mobility, Inc. ("Provider"), as a licensed public utility in the Commonwealth of Kentucky, hereinafter jointly referred to as "Applicants", by counsel, pursuant to (i) KRS 278.020 and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit their Application for a Certificate of Public Convenience and Necessity ("CPCN") from the Public Service Commission of Kentucky ("Commission") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Provider with wireless 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:

Crown Communication Inc., a Delaware Corporation, 375 Southpointe Boulevard, Canonsburg, PA 15317, (724) 416-2000, having a local address of Commonwealth Business Center, 11001 Bluegrass Parkway, Suite 330, Louisville, Kentucky 40299, (502) 240-0044.

KENTUCKY CGSA INC., d/b/a BellSouth Mobility Inc., a Georgia Corporation, 1100 Peachtree Street, Suite 14E06, Atlanta, GA 30309, having a local address of 1650 Lyndon Farms Ct., Louisville, KY 40223.

2. Crown constructs, owns, manages, maintains, and operates independent communications networks. Crown owns and manages safe, clean, and well-maintained facilities. Crown facilities do not generate smoke, odors, noise, noxious gases, vibrations, or increase traffic. Studies show that Crown's 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 Authority issued by the Secretary of State of the Commonwealth of Kentucky and a certified copy of the Articles of Incorporation for Crown and the Provider are attached hereto as **Exhibit A**.

3. After completion of the proposed WCF, Kentucky CGSA Inc., d/b/a BellSouth Mobility Inc., will be the ultimate owner of the WCF, with Crown acting as ultimate sublessor to further lease or license space on said tower and the surrounding site so that other Providers may locate and operate their facilities 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 services by the FCC and

Commission. A copy of the Provider's FCC license to provide wireless services is attached to this Application as part of **Exhibit A**. The proposed site is located in a manner such that other wireless communications service providers will desire to collocate on said tower, and Crown 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 or improve the Provider's services to an area currently not adequately served by the Provider with increased coverage or capacity 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 provide adequate coverage to the service area.

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

6. The Applicants propose to replace an old existing 400-foot guyed tower with a new WCF at Old KY Highway No. 10, Vanceburg, KY 41179, (38° 34' 35.84" North latitude, 83° 26' 23.28" 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 Mallory and Harry Denham. The proposed WCF will consist of a 370-foot self-supporting tower, with an approximately 25-foot lightning arrestor attached at the top, for a total height of 395 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 B** and **Exhibit C**. Periodic inspections will be performed on the

WCF in accordance with the applicable regulations or requirements of the Commission. The list of competing utilities, corporations, or persons is attached as **Exhibit D**.

7. Reduced copies of the site development plan have been included as **Exhibit B** and **Exhibit C** 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 B**. 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 C**.

8. The Applicants have considered the likely effects of the installation on nearby land uses and values and have concluded that 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 a 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 E**.

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 F**. Upon receiving authorization from the FAA, the Applicants will forward a copy of the determination 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 G**. 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 FCC signage will be posted on the 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 H**. 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 H**.

13. Clear directions to the proposed WCF site from the County seat are attached

as **Exhibit I**. The name and address of the preparer of **Exhibit J** is included in **Exhibit J**.

14. The Applicants, pursuant to a written agreement, have acquired the right to use the WCF site and associated property rights. A copy of the abbreviated agreement recorded with the County Clerk is attached as **Exhibit J**. Also included as part of **Exhibit J** 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, including a timetable for removal.

15. Personnel directly responsible for the design and construction of the proposed WCF are well-qualified and experienced. Pirod ("the Tower Manufacturer") performed the tower and foundation design. The Tower Manufacturer is a nationally recognized manufacturer and designer of communications towers. The Tower Manufacturer has designed and installed communications towers throughout North America. The Tower Manufacturer has assigned William B. Rettig, a professional engineer registered in the Commonwealth of Kentucky to design the WCF. This engineer specializes in the design and engineering of guyed, self-support and monopole structures, and has extensive experience in the design and construction of projects similar to the Applicants'. These projects include the design of towers and the required foundations of many other wireless facilities. All of the designs have been signed and sealed by William B. Rettig. The construction of the proposed WCF will be performed by Crown Network Systems, an experienced, bonded, and insured erection company. The Tower Erection Manager, Harold Harrington, will manage the tower erection. Harold Harrington is a tower installation manager for Crown and has been erecting towers for the telecommunications industry for

over 8 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 noted in **Exhibit B** 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., using the Uniform Building Code of 1991 ("UBC-91") and further modified by the 1993 Administrative Code. This tower has been designed in accordance with the Electronic Industries Association ("EIA") 222-F 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 John Irving Mathis, and was designed from a survey performed by Frank L. Sellinger. 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 B**. 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 B**.

19. Crown, 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, along with the possibility of a temporary site being built while awaiting Commission approval. Each property owner has been given the docket number under which the proposed Application will be processed and 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 K** and **Exhibit L**, respectively.

20. Crown, on behalf of itself and the Provider, has notified the Judge Executive of the county where the WCF is located by certified mail, return receipt requested, of the proposed construction. Crown included in said notice the Public Service Commission ("PSC") docket number under which the application will be processed and informed said entity of its right to request intervention. A copy of this notice is attached as **Exhibit M**. The county where the WCF is located has not registered for the right to regulate cell sites with the PSC, and has not adopted planning and zoning regulations in accordance with KRS Chapter 100.

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 N**. The location of the proposed facility has been

published in a newspaper of general circulation in the county where the WCF is located.

22. There are no residences within a 500-foot radius of the centerline of the proposed tower location. The land surrounding the WCF site is presently vacant with the balance being used for a 400-foot guyed tower which will be replaced.

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. Crown 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 Crown to permit the integration of the proposed WCF into Crown's 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 should, pursuant to radio frequency requirements, be located is attached as **Exhibit O**.

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 planning 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 P**.

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:

Lloyd McCarthy
Crown Communication Inc.
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299
Telephone: (502) 240-0044

and

Richard Guittar
1650 Lyndon Farms Court
Louisville, Kentucky 40223
(502) 329-4700

and

Sam G. McNamara
McNamara & Jones
315 High Street
P.O. Box 916
Frankfort, Kentucky 40602
(502) 875-8808
ATTORNEY FOR KENTUCKY CGSA, INC.

and

David A. Pike
Pike Legal Group
200 S. Buckman Street
P. O. Box 369
Shepherdsville, Kentucky 40165-0369
Telephone: (502) 955-4400
ATTORNEY FOR CROWN COMMUNICATION, INC.

WHEREFORE, the Applicants respectfully request that the Commission accept the foregoing Application for filing, and having met the requirements of KRS 278.020 and all applicable rules and regulations of the Commission, 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.

Respectfully submitted,

David A. Pike
Pike Legal Group
200 S. Buckman Street
P. O. Box 369
Shepherdsville, Kentucky 40165-0369
(502) 955-4400
ATTORNEY FOR CROWN COMMUNICATION, INC.

and

Sam McNamara
McNamara & Jones
P.O. Box 916
Frankfort, KY 40602
(502) 875-8808
ATTORNEY FOR KENTUCKY CGSA, INC.

LIST OF EXHIBITS

A - Copy of Articles of Incorporation, Certificate of Authority and FCC License

B - Site Development Plan:

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

C - Tower and Foundation Design

D - Competing utilities, corporations, or persons list

E - Collocation report

F - Application to FAA

G - Application to Kentucky Airport Zoning Commission

H - Geotechnical Report

I - Directions to WCF Site

J - Copy of Real Estate Agreement

K - Notification Listing

L - Copy of Property Owner Notification

M - Copy of Judge Executive Notice

N - Copy of Posting Notices

O - Copy of Radio Frequency Design Search Area

P - Tower Map for Subject County

EXHIBIT A
COPY OF ARTICLES OF INCORPORATION, CERTIFICATE OF AUTHORITY AND FCC LICENSE

United States of America

Federal Communications Commission

RADIO STATION AUTHORIZATION

Cellular Radiotelephone Service

KENTUCKY CGSA, INC.
1100 PEACHTREE STREET, N.E., SUITE 14E06
ATLANTA, GA 303094599

Call Sign: KNKN956

Market: 0450 Channel Block: B-1 SID: 0206, 1288

Market Name: KENTUCKY 8 - MASON

The Licensee hereof is authorized, for the period indicated, to operate a radio transmitting station in accordance with the terms and conditions hereinafter described. This authorization is subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts of Congress, international treaties and agreements to which the United States is a signatory, and all pertinent rules and regulations of the Federal Communications Commission, contained in Title 47 of the Code of Federal Regulations.

Initial Grant Date..... March 13, 1992

Expiration Date..... October 01, 2001

WAIVERS / CONDITIONS:

Pursuant to Section 309(h) of the Communications Act 1934, as amended, (47 U.S.C. § 309(h)), this authorization is subject to the following conditions: (1) This authorization does not vest in the licensee any right to operate a station nor any right in the use of the electromagnetic spectrum designated herein beyond the term thereof nor in any other manner than authorized herein. (2) Neither this license nor the right granted thereunder shall be assigned or otherwise transfereed in violation of the Communications Act of 1934, as amended (47 U.S.C. § 151, *et. seq*). (3) This authorization is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended (47 U.S.C. § 606).

This authorization does not convey to the licensee the right to receive protection from the capture of subscriber traffic, co-channel interference or first-adjacent-channel interference in any area outside of the authorized cellular geographic service area (CGSA) of the system. Moreover, any facility authorized herein with a service area boundary (SAB) extending into the CGSA of any other operating cellular system on the same channel block, regardless of when such other cellular system was authorized, is subject to the following condition: In the event that the licensee of the other cellular system requests that the SAB of the facilities authorized herein be removed from its CGSA, the licensee herein must reduce transmitting power or antenna height (or both) as necessary to remove the SAB from the CGSA, unless written consent from the licensee of the other cellular system, allowing the SAB extension to remain, is obtained.

Issued by PL on Wednesday February 7
FCC Form 463A

For Additional Information Please Contact:
KY Engineering
1650 Lyndon Farms Court
(502) 329-4700

COMMONWEALTH OF KENTUCKY

OFFICE OF THE SECRETARY OF STATE

FOREIGN CORPORATION
CERTIFICATE OF AUTHORIZATION

I, JOHN Y. BROWN III, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State, CROWN COMMUNICATION INC. is a corporation organized and existing under the laws of the state or country of DELAWARE; that was first authorized to transact business in the Commonwealth of Kentucky on AUGUST 12, 1997.

I further certify that all fees and penalties owed to the Secretary of State have been paid to date; that an Application for Certificate of Withdrawal has not been filed; and that the most recent annual report required by KRS Chapter 271B.16-220 or 273.3671 has been delivered to the Secretary of State on behalf of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at Frankfort, Kentucky, this 4TH day of DECEMBER, 19 97.

John Y Brown III

JOHN Y. BROWN III
Secretary of State
Commonwealth of Kentucky

SSC-228(1/96)

JS

IN WITNESS WHEREOF, I have hereunto

COMMONWEALTH OF KENTUCKY

JOHN Y. BROWN III
SECRETARY OF STATE

CERTIFICATE

I, JOHN Y. BROWN III, Secretary of State for the Commonwealth of Kentucky, do certify that the foregoing writing has been carefully compared by me with the original record thereof, now in my official custody as Secretary of State and remaining on file in my office, and found to be a true and correct copy of CERTIFICATE OF AUTHORITY OF CROWN COMMUNICATION INC. FILED AUGUST 12, 1997.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal.

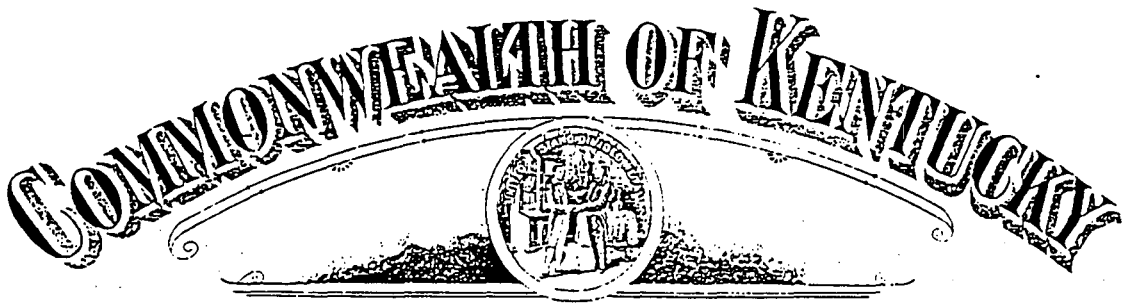
Done at Frankfort this 4TH day of DECEMBER, 19 97

John Y Brown III
Secretary of State, Commonwealth of Kentucky

SSC-208

JS

IN THE NAME AND BY THE AUTHORITY OF THE



JOHN Y. BROWN III
SECRETARY OF STATE

CERTIFICATE

I, JOHN Y. BROWN III, Secretary of State for the Commonwealth of Kentucky, do certify that the foregoing writing has been carefully compared by me with the original record thereof, now in my official custody as Secretary of State and remaining on file in my office, and found to be a true and correct copy of CERTIFICATE OF AUTHORITY OF LOUISVILLE CGSA, INC. FILED APRIL 26, 1984;

AMENDED CERTIFICATE OF AUTHORITY OF LOUISVILLE CGSA, INC. CHANGING NAME TO KENTUCKY CGSA, INC. FILED AUGUST 26, 1986.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal.

Done at Frankfort this 8TH day of SEPTEMBER, 19 99

John Y. Brown III
Secretary of State, Commonwealth of Kentucky

TB

EXHIBIT B

SITE DEVELOPMENT PLAN:

- VICINITY MAP
- PROPERTY OWNER LISTING
- 500' VICINITY MAP
- LEGAL DESCRIPTIONS
- FLOOD PLAIN CERTIFICATION
- SITE PLAN
- VERTICAL TOWER PROFILE

CROWN
COMMUNICATION, INC.

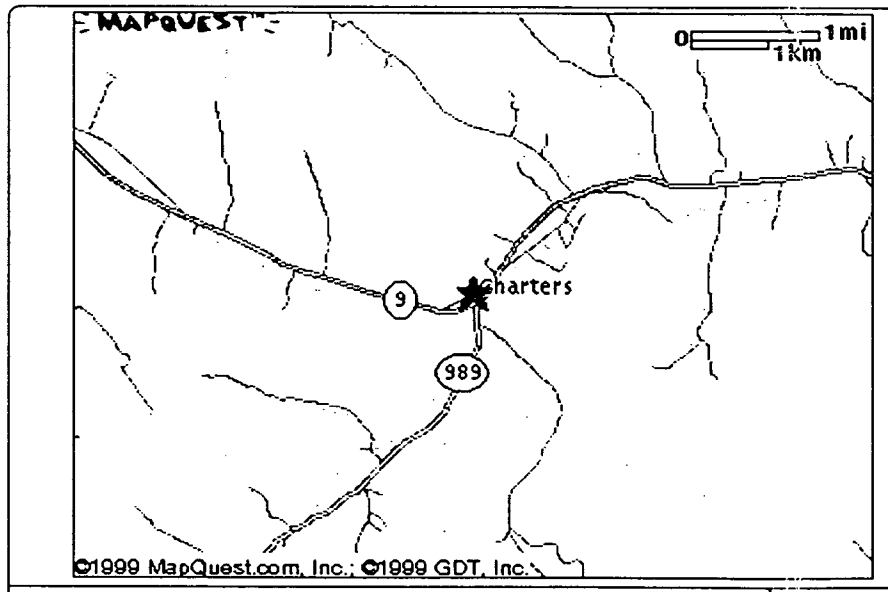
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
(502) 240-0044
(502) 240-0045 FAX

VANCEBURG
KY 258

OLD KY. HWY. #10
VANCEBURG, KY. 41179

370' SELF-SUPPORTING TOWER
TELECOMMUNICATION SITE
WITH MULTIPLE CARRIERS

REGIONAL MAP | SCALE: N.T.S.



VICINITY MAP | SCALE: N.T.S.

FROM I-64 TAKE EXIT #172 AT GRAYSON ONTO HWY. 9 WEST (AA HWY.) TO VANCEBURG. GO THRU VANCEBURG ON HWY. 9 SIX MILES TO THE COMMUNITY OF CHARTERS. TURN RIGHT ON THE FIRST BLACKTOP ROAD PAST SIGN READING "CHARTERS", APPROX. 100'. PROCEED ON THIS ROAD APPROX. TWO TENTHS OF A MILE TO A GRAVEL ACCESS ROAD ON THE RIGHT WITH A LOCKED GATE (COMBINATION 1153). SITE IS APPROX. 1/2 MILE UP GRAVEL ACCESS ROAD.

DIRECTIONS TO SITE:

ARCHITECTURAL DESIGN
ENGINEERING

CLEAR
COMMUNICATIONS GROUP
MINERICH DIVISION

1905 Barnes Mill Road
Richmond, Kentucky 40475

Phone: (606) 623-0024
Fax: (606) 624-1839

SURVEYING

T. Alan Neal Company

tan

(502) 635-5866
FAX: 636-5263

Civil Engineering — 426 Warnock Street
Land Surveying — Louisville, Kentucky 40217

SITE NAME:
VANCEBURG, KY.

SITE NUMBER:
KY 258

SITE ADDRESS:
OLD KY. HWY. #10
VANCEBURG, KY. 41179

SITE OWNER:
MALLORY & HARRY DENHAM
123 SECOND STREET
MAYSVILLE, KY. 41056

APPLICANT:
CROWN COMMUNICATION INC.
11001 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
(502) 240-0044
(520) 240-0045 (FAX)

ZONING:
N/A

TAX MAP NUMBER:
49

PARCEL NUMBER:
15

SOURCE OF TITLE:
DEED BOOK 126, PAGE 554

AREA OF PARCEL:
LEASE AREA = 10000 sq. ft.

LOCK COMBINATION:
1153

PROJECT INFORMATION

SHEET NUMBER	DESCRIPTION
COVERSHEET:	
T-1	TITLE SHEET, SITE INFO
SURVEY:	
C-1	500' RADIUS
C-2	SITE SURVEY PLAN
ARCHITECTURAL:	
A-1	SITE LAYOUT PLAN
A-2	ENLARGE SITE PLAN
A-3	SOUTH & EAST ELEVATIONS
A-4	NORTH & WEST ELEVATIONS

SHEET INDEX

R.F. _____

IMPLEMENTATION _____

LEASE AGENT _____

ZONING AGENT _____

LAND OWNER _____

SIGNATURE BOX

CROWN
COMMUNICATION, INC.
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
Phone: (502) 240-0044
Fax: (502) 240-0045

CLEAR
COMMUNICATIONS GROUP
MINERICH DIVISION
1905 Barnes Mill Road
Richmond, Kentucky 40475
Phone: (606) 623-0024
Fax: (606) 624-1839

STATE OF KENTUCKY
JOHN IRVING MATHIS
17595
REGISTERED
PROFESSIONAL ENGINEER

SITE NUMBER:	KY 258
SITE NAME:	VANCEBURG
SITE ADDRESS:	OLD KY. HWY. #10 VANCEBURG, KY. 41179
LEASE AREA:	10000 sq. ft.
PROPERTY OWNER:	MALLORY & HARRY DENHAM 123 SECOND ST. MAYSVILLE, KY. 41056
TAX MAP NUMBER:	49
PARCEL NUMBER:	15
SOURCE OF TITLE:	DEED BOOK 126 PAGE 554
DRAWN BY: DATE:	S. HIGGINS 8-13-99
CHECKED BY: DATE:	

REV.	DESCRIPTION	DATE	BY
A	ORIGINAL RELEASE	8-13-99	SH
B	REVISED TOWER HEIGHT	9-8-99	DLB
C	REV. LIGHTNING ROD, TWR. HT.	10-15-99	SH

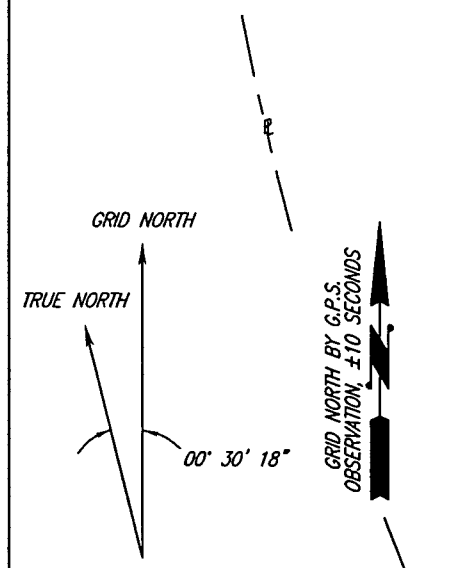
TITLE: **TITLE SHEET**
SITE INFO

SHEET: **T-1**

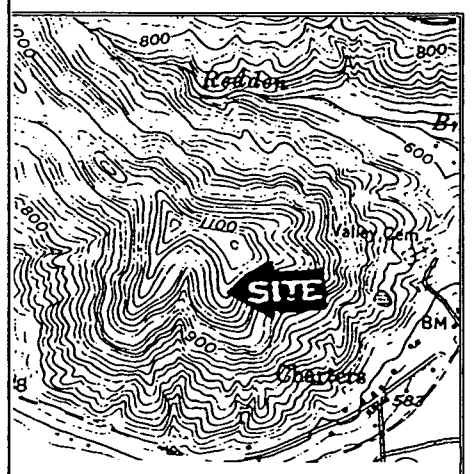
CCG PROJECT NUMBER - 9920-05

SHEET 1	
S1/1	– VICINITY AND 500' STRUCTURAL MAP
S1/2	– ABUTTING PROPERTY OWNERS
S1/3	– U.S.G.S. QUAD MAP
SHEET 2	
S2/1	– LEASE AREA
S2/2	– LEGAL DESCRIPTIONS
S2/3	– FLOOD ZONE DATA

S1/1

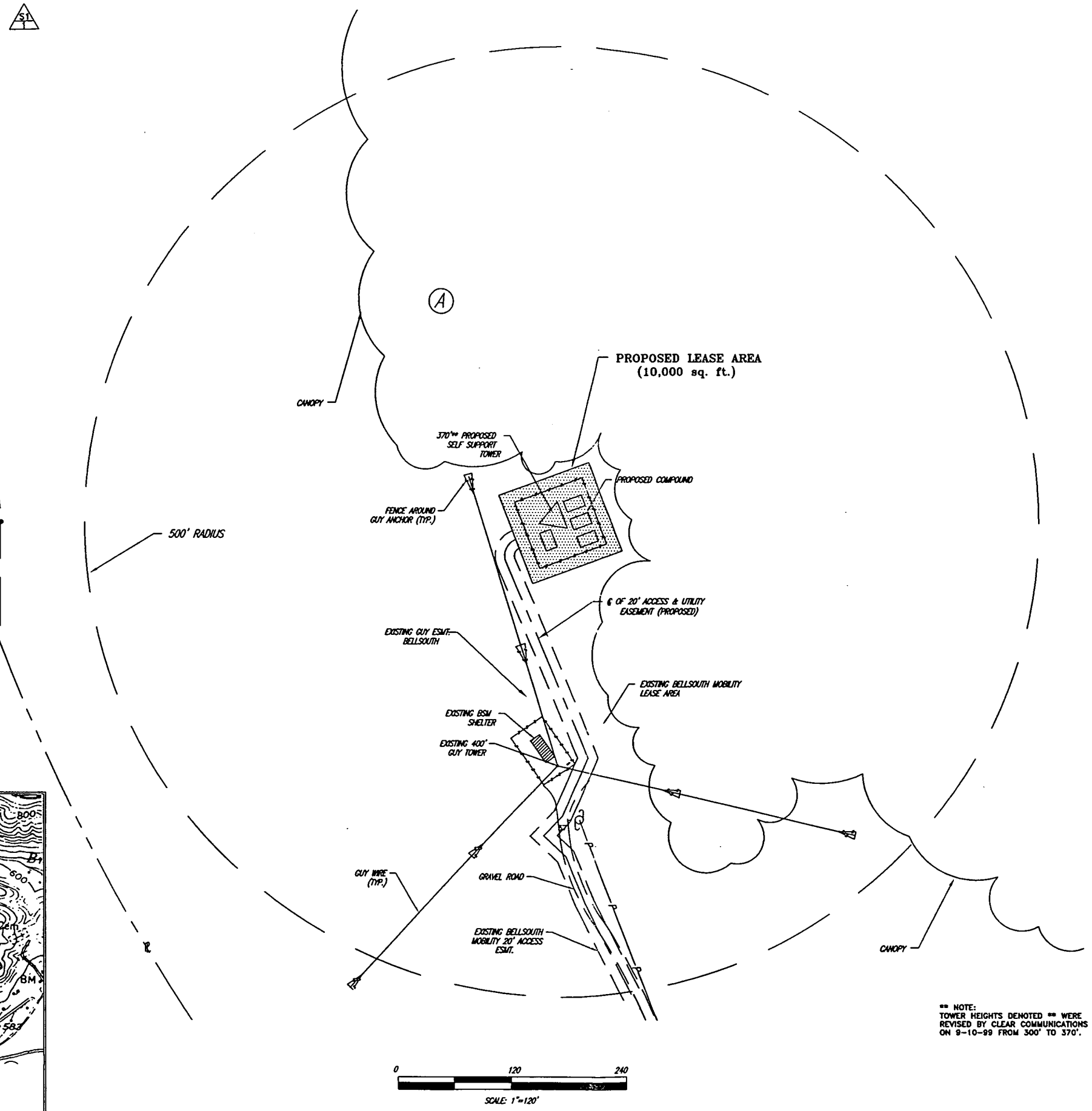


NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM, NORTH ZONE AND WAS DETERMINED BY COMPUTATION FROM G.P.S. OBSERVATION ON JULY 29, 1999.



QUAD MAP
SCALE: 1"=2000'

U.S.G.S. 7 1/2 MINUTE QUAD MAP OF CHARTERS, KY.



** NOTE:
TOWER HEIGHTS DENOTED ** WERE REVISED BY CLEAR COMMUNICATIONS ON 9-10-99 FROM 300' TO 370'.

S1/2

MAP 49, LOT 15
HARRY & MALLORY DENHAM
Ⓐ 123 SECOND STREET
MAYSVILLE, KY 41056
DEED BOOK 126, PAGE 554

CROWN COMMUNICATION INC
375 SOUTHPOINTE BLVD.
CANONSBURG
PENNSYLVANIA, 15317
OFFICE: (724) 416-2247
FAX: (724) 416-2254

T. Alan Neal Company
tan
(502) 635-5866
FAX: 636-5263
Civil Engineering — Land Surveying
428 Warnock Street — Louisville, Kentucky 40217

ECHO NUMBER:
KY 258

SITE NAME:
VANCEBURG

SITE ADDRESS:
OLD HIGHWAY 10
VANCEBURG, KY. 41056

AREA:
LEASE AREA = 10,000 sq. ft.

PROPERTY OWNER:
HARRY AND MALLORY DENHAM
123 SECOND STREET
MAYSVILLE, KY. 41056

TAX MAP NUMBER:
49

PARCEL NUMBER:
15

SOURCE OF TITLE:
DEED BOOK 126, PAGE 554

DWG BY:	CHKD BY:	DATE:
LAP	FSII	08.13.99

TAN PROJECT NO.:
T-2655

SHEET 1 OF 2

REVISIONS:
1. TOWER HT. REV. FROM 300' TO 370'. 9-10-99 D.B.

C1

SHEET 1

S1/1 – VICINITY AND 500' STRUCTURAL MAP

S1/2 – ABUTTING PROPERTY OWNERS

S1/3 – U.S.G.S. QUAD MAP

SHEET 2

S2/1 – LEASE AREA

S2/2 – LEGAL DESCRIPTIONS

S2/3 – FLOOD ZONE DATA

GRID NORTH

TRUE NORTH

00° 30' 18"

GRID NORTH BY G.P.S. OBSERVATION, ±10 SECONDS

NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM, NORTH ZONE AND WAS DETERMINED BY COMPUTATION FROM G.P.S. OBSERVATION ON JULY 29, 1999.

COORDINATE POINT LOCATION

NAD 1983
LATITUDE: 38° 34' 35.94"
LONGITUDE: 83° 26' 23.28"
NAVD 1988
ELEVATION: 1053.26
STATE PLANE COORDINATE NORTH ZONE (BLUE MARBLE GEOGRAPHIC CALCULATOR VERSION 3.0)
NORTHING: 393087.36
EASTING: 1872038.73

PROJECT BENCHMARK

NORTH: 392773.40
EAST: 1872059.54
ELEVATION: 1018.37
LOCATION: BEING A SPIKE IN POWER POLE LOCATED ±180' SOUTH OF THE LEASE AND ±5' EAST OF THE ACCESS ESMT.

POWER POLE

UTILITY COMPANY: MASON FLEMING RURAL ELECTRIC COOP
IDENTIFICATION #: N/A

SYMBOL LEGEND

- WOOD POWER POLE
- LIGHT POLE
- MANHOLE
- WATER METER
- FIRE HYDRANT
- GUY ANCHOR
- FENCE POST
- SET #5 REBAR (UNLESS OTHERWISE NOTED)

ABBREVIATIONS

EP	EDGE OF PAVEMENT
ROW	RIGHT OF WAY
℄	CENTERLINE
RCP	REINFORCED CONCRETE PIPE
CONC	CONCRETE
CMP	CORRUGATED METAL PIPE
℘	SUBJECT PROPERTY LINE
TC	TOP OF CURB
BC	BOTTOM OF CURB
POB	POINT OF BEGINNING

LINE LEGEND

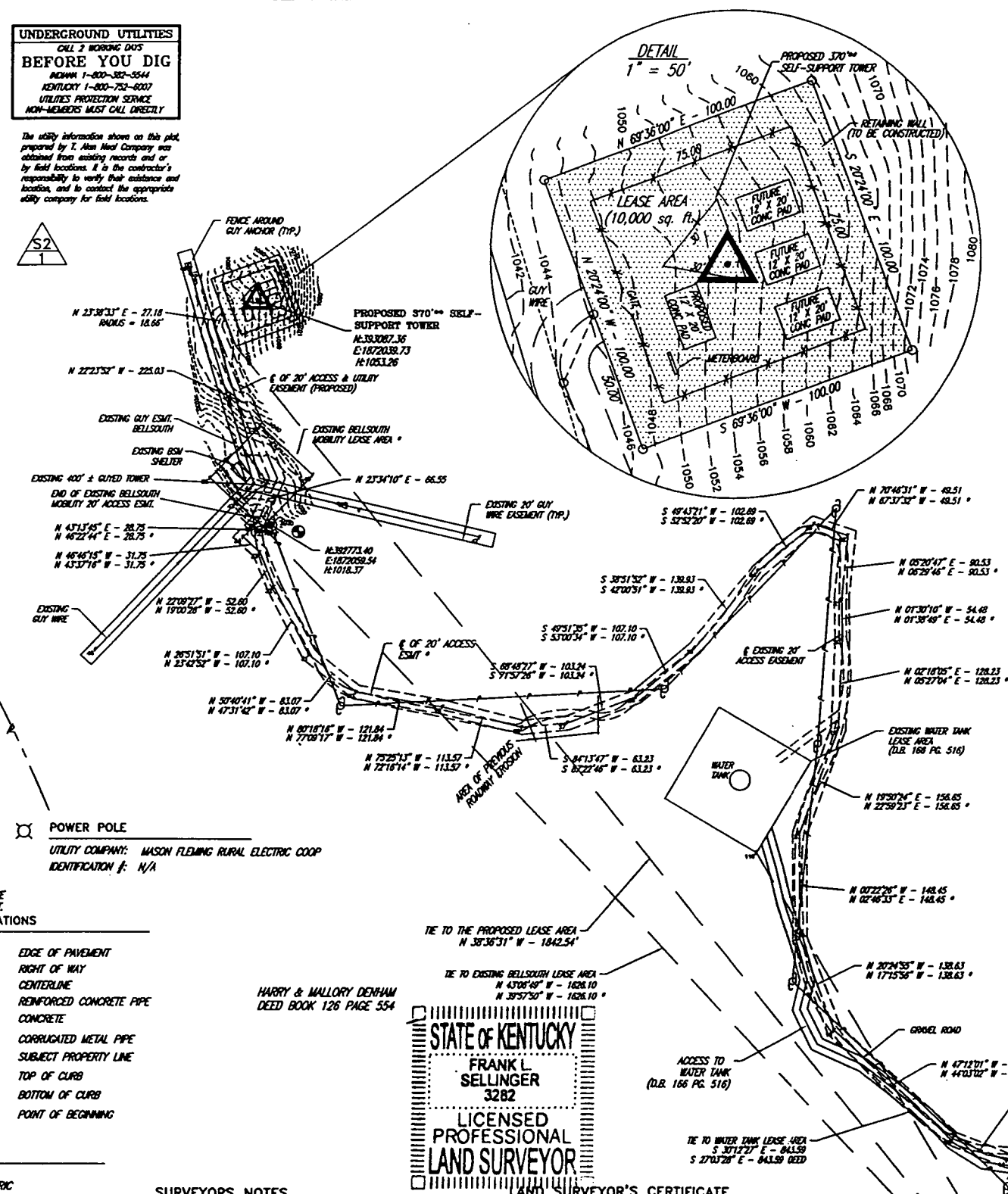
- P P P — OVERHEAD ELECTRIC
- G G G — UNDERGROUND GAS LINE
- W W W — UNDERGROUND WATER LINE
- SS SS SS — UNDERGROUND SANITARY SEWER LINE
- T T — UNDERGROUND TELEPHONE LINE
- D D — DRAINAGE/STORM SEWER LINE
- X X X — FENCE
- SUBJECT PROPERTY BOUNDARY
- RIGHT OF WAY CENTERLINE

NOTE: SYMBOLS, ABBREVIATIONS, OR LINESTYLES DO NOT NECESSARILY APPEAR ON DRAWING(S). USE ONLY AS APPLICABLE

UNDERGROUND UTILITIES
CALL 2 WORKING DAYS
BEFORE YOU DIG
INDIANA 1-800-382-5544
KENTUCKY 1-800-752-6007
UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST CALL DIRECTLY

The utility information shown on this plat, prepared by T. Alan Neal Company was obtained from existing records and or by field locations. It is the contractor's responsibility to verify their existance and location, and to contact the appropriate utility company for field locations.

S2/1



** NOTE:
TOWER HEIGHTS DENOTED ** WERE REVISED BY CLEAR COMMUNICATIONS ON 9-10-99 FROM 300' TO 370'.

SURVEYORS NOTES

SOURCE OF BEARING IS A G.P.S. OBSERVATION ON JULY 29, 1999.

SOURCE OF ROTATIO BASED ON THE EXISTING BSM LEASE AREA AS SHOWN ON A SURVEY BY EVANS & GRIFFIN DATED 8-4-94

SITE SHOWN TO RIGHT OF WAYS SHOWN HEREON OR NOT

NO SEARCH OF PUBLIC RECORDS HAS BEEN PERFORMED BY THIS FIRM TO DETERMINE ANY DEFECTS AND/OR AMBIGUITIES IN THE TITLE OF THE PARENT TRACT.

EXISTING CONTOURS ARE AT TWO FOOT INTERVALS.

* EVANS & GRIFFINS SURVEY DATED 8.04.94

STATE OF KENTUCKY
FRANK L. SELLINGER
3282
LICENSED PROFESSIONAL LAND SURVEYOR

LAND SURVEYOR'S CERTIFICATE

TYPE "A" SURVEY: UNADJUSTED TRAVERSE CLOSURE BETTER THAN 1 IN 30,000.

TO ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED
I hereby certify that this plat and survey were made under my supervision, and that the angular and linear measurements, as witnessed by monuments shown hereon, are true and correct to the best of my knowledge and belief.
This survey and plat meets or exceeds the minimum standards of the governing authorities.
This property is subject to any recorded easements or right of ways not shown hereon.

Frank L. Sellinger, II — Ky. Reg. No. 3282

S2/2

This is a description for Crown Communication Inc., of an area to be leased from the property of Harry and Mallory Denham, which is further described as follows:

LEASE AREA

Beginning at a nail located at the intersection of the centerlines of Old Kentucky 10 and an existing access road extended as mentioned in the "Deed Description of a Portion of the Thomas Mallory Denham Property for the Salt Lick Water Association", thence traversing the property conveyed to Henry and Mallory Denham as recorded in Deed Book 126 Page 554 in the Office of the Clerk, of the County Court, of Lewis County, Kentucky N 38°36'31" W – 1842.54' to a set #5 rebar and the TRUE POINT OF BEGINNING of the Lease Area; thence N 20°24'00" W passing a set #5 rebar at 50.00', in all 100.00'; thence N 69°36'00" E – 100.00' to a set #5 rebar; thence S 20°24'00" E – 100.00' to a set #5 rebar; thence S 69°36'00" W – 100.00' to the true point of beginning containg 10,000 square feet as per survey by T. Alan Neal Company dated August 11, 1999.

CENTERLINE OF 20' ACCESS & UTILITY EASEMENT

Beginning at a nail located at the intersection of Old Kentucky 10 and an existing access road extended as mentioned in the "Deed Description of a Portion of the Thomas Mallory Denham Property for the Salt Lick Water Association", thence along the centerline of said 20' access easement the following courses and distances: N 11°20'15" E – 254.53' to a point; thence N 38°26'56" W – 62.21' to a point; thence N 83°10'12" W – 69.54' to a point; thence N 68°01'18" W – 81.40' to a point; thence N 47°12'01" W – 222.18' to a point; thence N 20°24'55" W – 138.63' to a point; thence N 00°22'26" W – 148.45' to a point; thence N 19°50'24" E – 156.65' to a point; thence N 02°18'05" E – 128.23' to a point; thence N 01°30'10" W – 54.48' to a point; thence N 05°20'47" E – 90.53' to a point; thence N 70°46'31" W – 49.51' to a point; thence S 49°43'21" W – 102.69' to a point; thence S 38°51'52" W – 139.93' to a point; thence S 49°51'35" W – 107.10' to a point; thence S 68°48'27" W – 103.24' to a point; thence S 84°13'47" W – 63.23' to a point; thence N 75°25'13" W – 113.57' to a point; thence N 80°18'16" W – 121.84' to a point; thence N 50°40'41" W – 83.07' to a point; thence N 26°51'51" W – 107.10' to a point; thence N 22°09'27" W – 52.60' to a point; thence N 46°46'15" W – 31.75' to a point; thence N 43°13'45" E – 28.75' to a point and the end of the existing Bellsouth Mobility 20' access easement; thence following the centerline of a proposed 20' Access & Utility Easement N 23°34'10" E – 66.55' to a set #5 rebar; thence N 22°23'52" W – 225.03' to a set #5 rebar; thence following a curve to the right having a radius of 18.66', chord being N 23°38'33" E – 27.18' to a set #5 rebar in the western line of the proposed lease area and the end of said Access and Utility Easement.

S2/3

I HAVE REVIEWED THE FLOOD INSURANCE RATE MAPS (FIRM) MAP NO. 210141 0150B DATED 2-19-87 AND THE LEASE AREA DOES NOT APPEAR TO BE IN A FLOOD PRONE AREA. THE LEASE AREA IS LOCATED IN ZONE X.

"CELLULAR COMMUNICATION TOWER SITE SURVEY"
REFERENCED AS "EXHIBIT B"

OWNER APPROVAL: _____ DATE: _____

CROWN APPROVAL: _____ DATE: _____

CROWN COMMUNICATION INC

COMMONWEALTH BUSINESS CENTER
11001 BLUEGRASS PARKWAY
SUITE 330
OFFICE: (502) 240-0044
FAX: (502) 240-0045

T. Alan Neal Company

tan

(502) 635-5866
FAX: 636-5263

Civil Engineering — Land Surveying
428 Warnock Street — Louisville, Kentucky 40217

ECHO NUMBER: KY 258

SITE NAME: VANCEBURG

SITE ADDRESS: OLD HIGHWAY 10 VANCEBURG, KY. 41056

AREA: LEASE AREA = 10,000 sq. ft.

PROPERTY OWNER: HARRY AND MALLORY DENHAM 123 SECOND STREET MAYSVILLE, KY. 41056

TAX MAP NUMBER: 49

PARCEL NUMBER: 15

SOURCE OF TITLE: DEED BOOK 126, PAGE 554

DWG BY:	CHKD BY:	DATE:
LAP	FSII	08.05.99

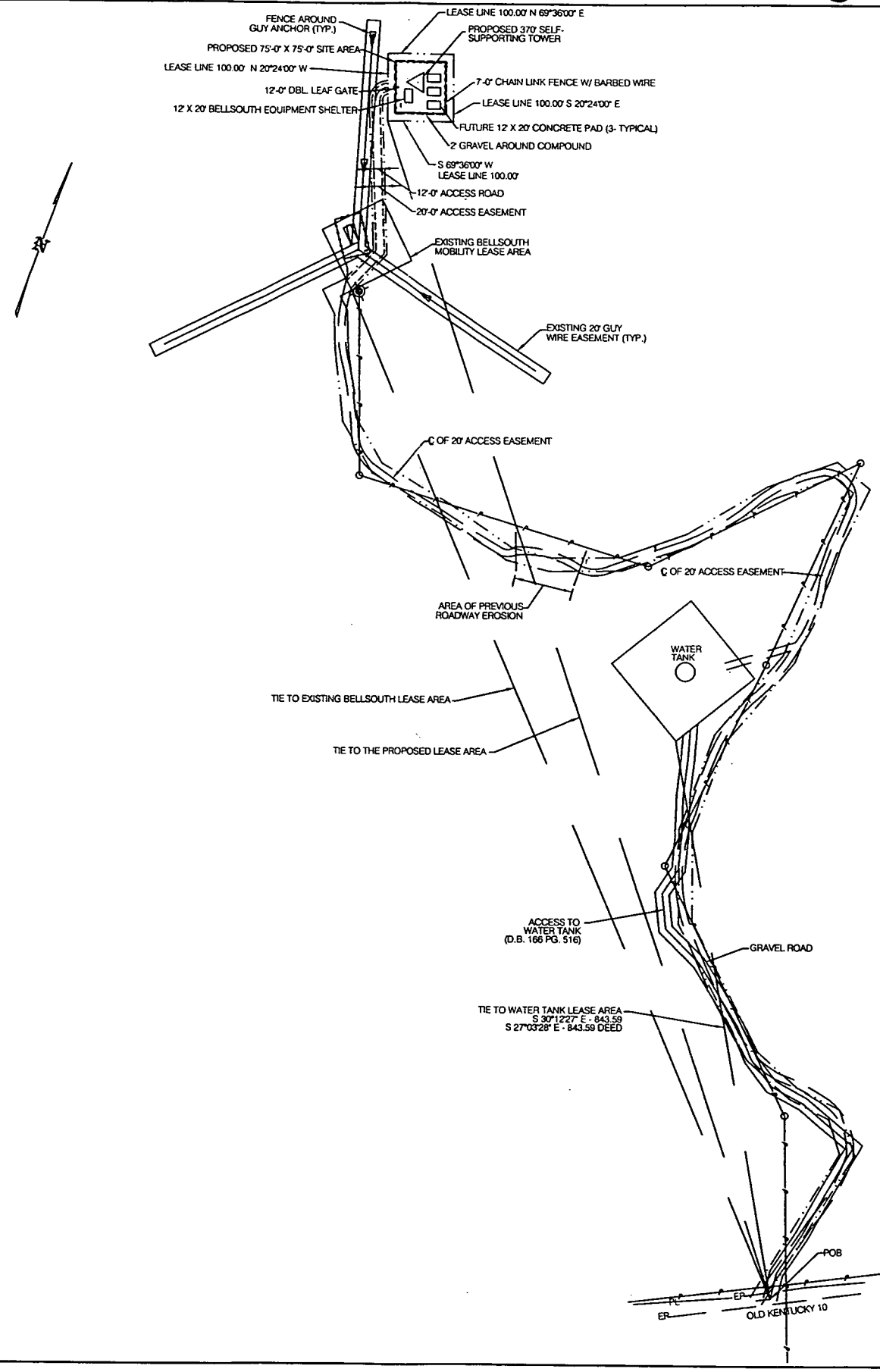
TAN PROJECT NO.: T-2655

SHEET 2 OF 2

REVISIONS:

1. TOWER HT. REV. FROM 300' TO 370'. 9-10-99 D.B.

C2



SITE LAYOUT

SCALE: 1" = 100'-0" | 1

CROWN COMMUNICATION, INC.

11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
Phone: (502) 240-0044
Fax: (502) 240-0045

CLEAR COMMUNICATIONS GROUP
MINERICH DIVISION
1905 Barnes Mill Road
Richmond, Kentucky 40475

Phone: (606) 623-0024
Fax: (606) 624-1839

STATE OF KENTUCKY
JOHN IRVING MATHIS
14599
REGISTERED PROFESSIONAL ENGINEER

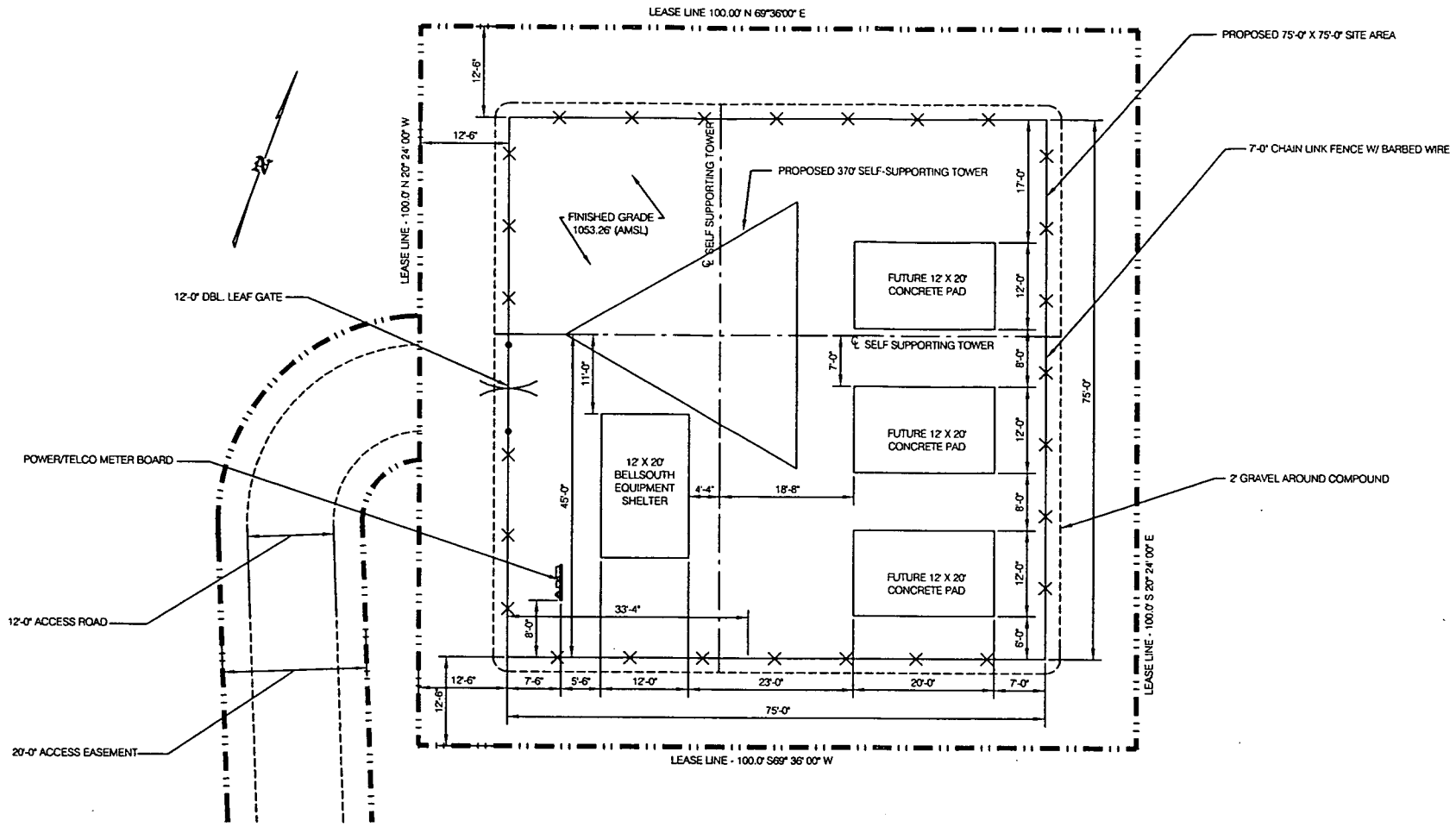
SITE NUMBER:	KY 258
SITE NAME:	VANCEBURG
SITE ADDRESS:	OLD HIGHWAY 10 VANCEBURG, KY 41179
LEASE AREA:	10000 sq. ft.
PROPERTY OWNER:	MALLORY AND HARRY DENHAM 123 SECOND STREET MAYSVILLE, KY 41056
TAX MAP NUMBER:	49
PARCEL NUMBER:	15
SOURCE OF TITLE:	DEED BOOK 126 PAGE 554
DRAWN BY: DATE:	A. WITT 8-13-99
CHECKED BY: DATE:	

REV.	DESCRIPTION	DATE	BY
A	ORIGINAL RELEASE	8-13-99	AW
B	REVISED TOWER HEIGHT	9-8-99	DLB

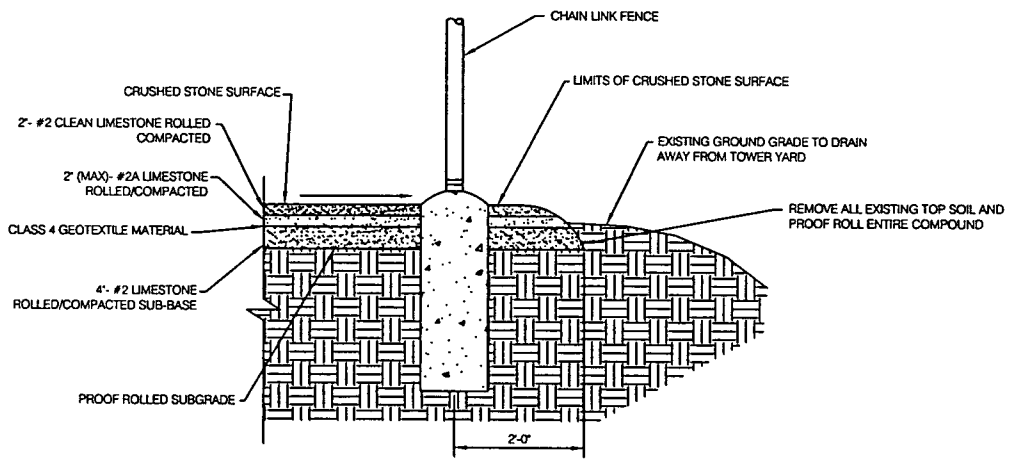
TITLE: SITE LAYOUT

SHEET: A-1

CCG PROJECT NUMBER - 9920-05



ENLARGED SITE PLAN | SCALE: 3/32" = 1'-0" | 1



COMPOUND DETAIL | SCALE: NONE | 2

GENERAL NOTES:

1. GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATING OF BUILDING PICKUP FROM THE MOBILITY STAGING AREA, DELIVERY TO SITE, CRANE SET AND ERECTION OF TOWER ALL COST INCURRED.
2. REFER TO STRUCTURAL SHEET FOR ALL CONCRETE WORK, TOWER AND BUILDING LOCATION.
3. ALL FINISHED CONCRETE TO BE COATED WITH A CONCRETE SEALANT AS SPECIFIED ON THE STRUCTURE DRAWINGS.
4. ALL AREAS DAMAGED DUE TO CONSTRUCTION TO BE REPAIRED TO MATCH EXISTING CONDITIONS OR REPLACED.
5. ANY GRASS, LANDSCAPING, TREES, ETC.... DAMAGED DUE TO CONSTRUCTION TO BE REPAIRED, SEED AND STRAW OR REPLACED TO OWNERS APPROVAL.
6. ROAD TO SITE TO BE GRADED SMOOTH, REMOVING POT HOLES DITCHING, ETC... TO BELLSOUTH MOBILITY'S APPROVAL.

NOTE:

BEFORE CRUSHED STONE IS TO BE SPREAD THROUGHOUT THE COMPOUND, (FENCED AREA) CONTRACTOR IS TO PLACE BLACK LANDSCAPING FABRIC TO PREVENT WEED GROWTH AND MAINTAIN PROPER DRAINAGE.

NOTES | SCALE: NONE | 3

CROWN COMMUNICATION, INC.
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MINERICH DIVISION
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Richmond, Kentucky 40475
Phone: (606) 623-0024
Fax: (606) 624-1839

STATE OF KENTUCKY
JOHN IRVING MATHIS
14564
LICENSED PROFESSIONAL ENGINEER

SITE NUMBER: KY 258

SITE NAME: VANCEBURG

SITE ADDRESS: OLD HIGHWAY 10
VANCEBURG, KY 41179

LEASE AREA: 10000 sq. ft.

PROPERTY OWNER: MALLORY AND HARRY DENHAM
123 SECOND STREET
MAYSVILLE, KY 41056

TAX MAP NUMBER: 49

PARCEL NUMBER: 15

SOURCE OF TITLE: DEED BOOK 126
PAGE 554

DRAWN BY: A. WITT
DATE: 8-13-99

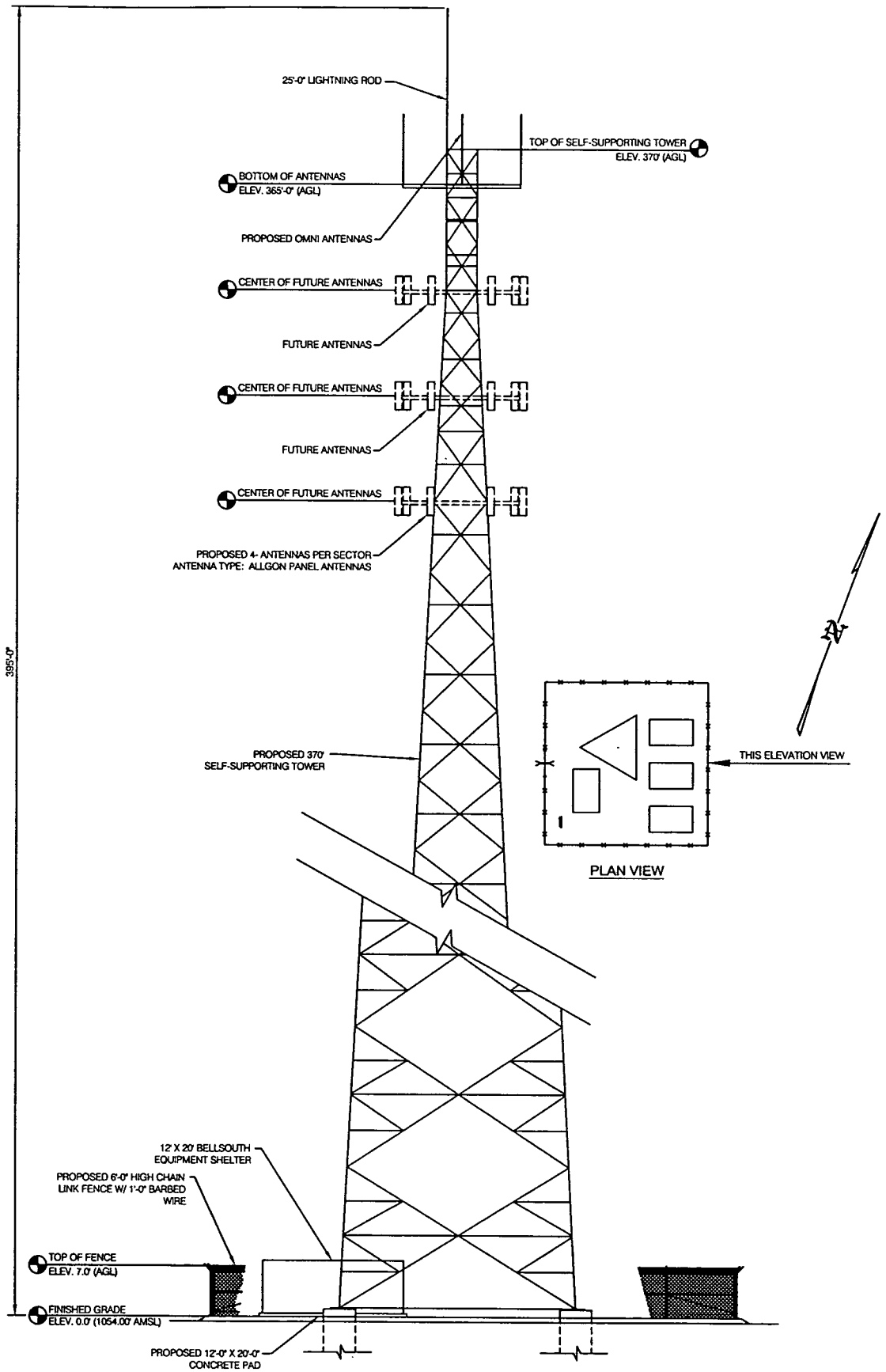
CHECKED BY:
DATE:

REV.	DESCRIPTION	DATE	BY
A	ORIGINAL RELEASE	8-13-99	AW
B	REVISED TOWER HEIGHT	9-8-99	DLB

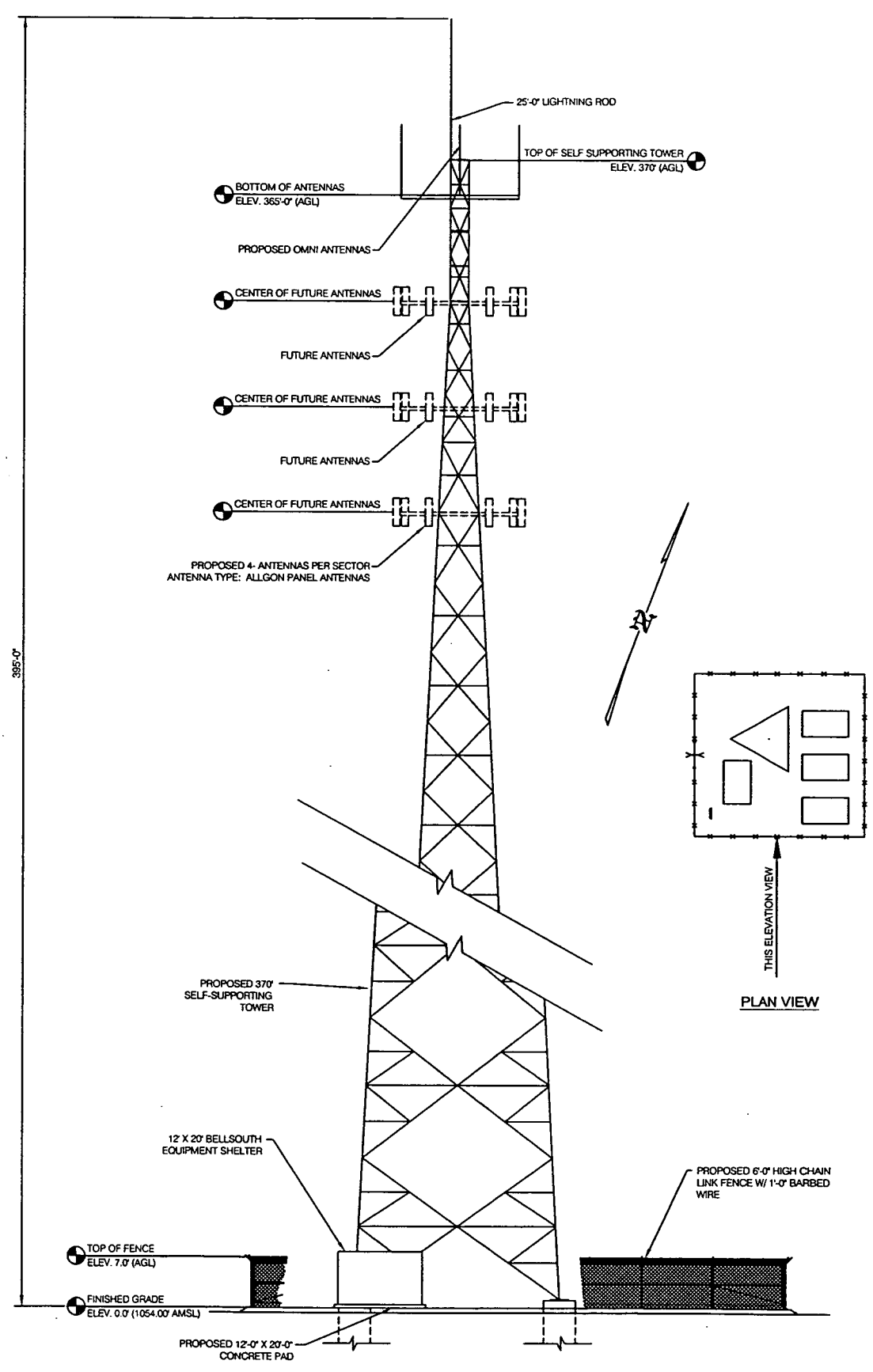
TITLE: **ENLARGED SITE PLAN**

SHEET: **A-2**

CCG PROJECT NUMBER - 9920-05



EAST ELEVATION | SCALE: NONE | 1



SOUTH ELEVATION | SCALE: NONE | 2

CROWN
COMMUNICATION, INC.
11001 BLUEGRASS PARKWAY
SUITE # 330
LOUISVILLE, KY 40299
Phone: (502) 240-0044
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MINERICH DIVISION
1905 Barnes Mill Road
Richmond, Kentucky 40475
Phone: (606) 623-0024
Fax: (606) 624-1839

STATE OF KENTUCKY
JOHN IRVIN
MATHIS
14525
REGISTERED
PROFESSIONAL ENGINEER

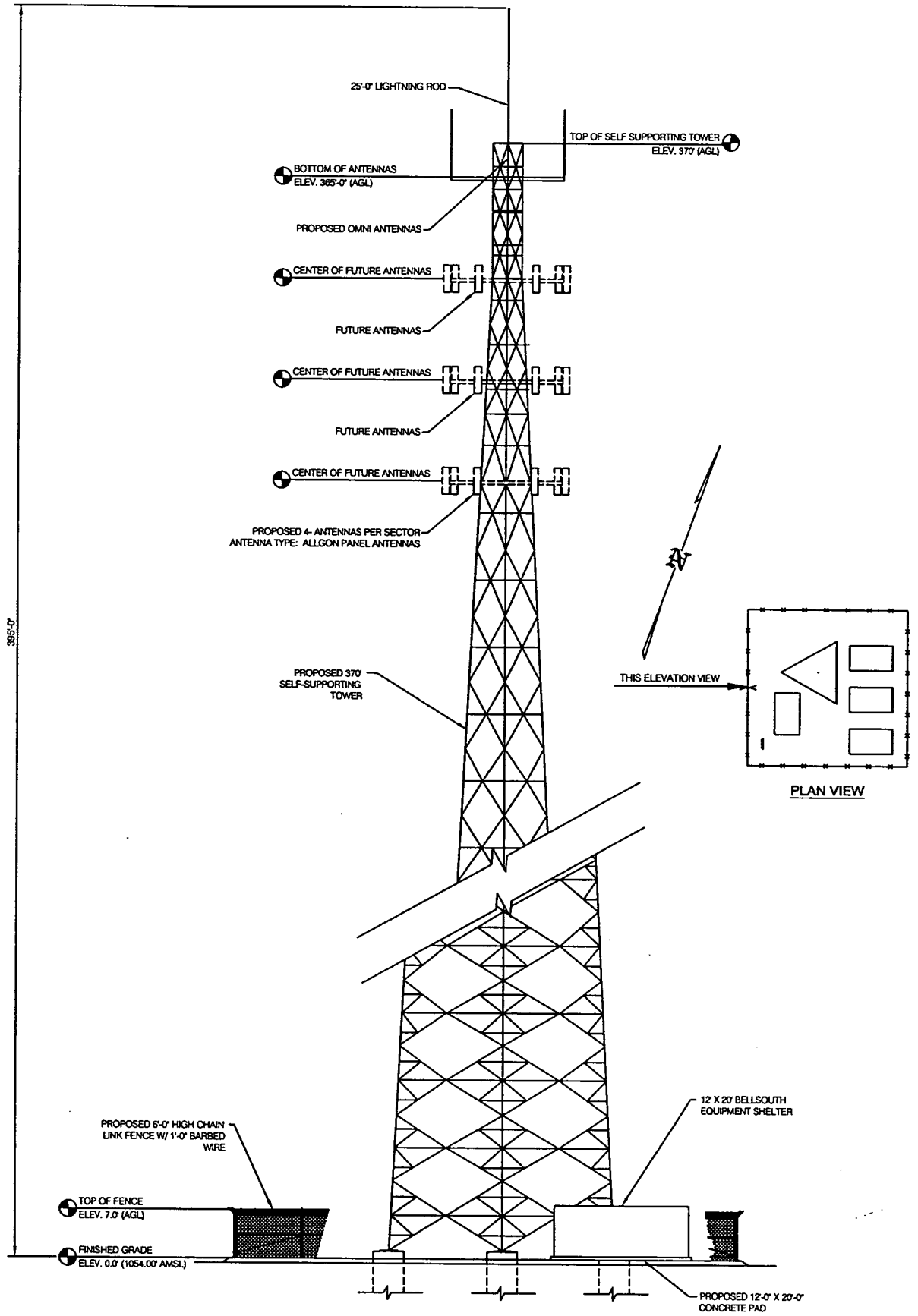
SITE NUMBER:	KY 258
SITE NAME:	VANCEBURG
SITE ADDRESS:	OLD HIGHWAY 10 VANCEBURG, KY 41179
LEASE AREA:	10000 sq. ft.
PROPERTY OWNER:	MALLORYAND HARRY DENHAM 123 SECOND STREET MAYSVILLE, KY 41056
TAX MAP NUMBER:	49
PARCEL NUMBER:	15
SOURCE OF TITLE:	DEED BOOK 126 PAGE 554
DRAWN BY: DATE:	A. WITT 8-13-99
CHECKED BY: DATE:	

REV.	DESCRIPTION	DATE	BY
A	ORIGINAL RELEASE	8-13-99	AW
B	REVISED TOWER HEIGHT	9-8-99	DLB
C	REV. LIGHTNING ROD, TWR. HT.	10-15-99	SH

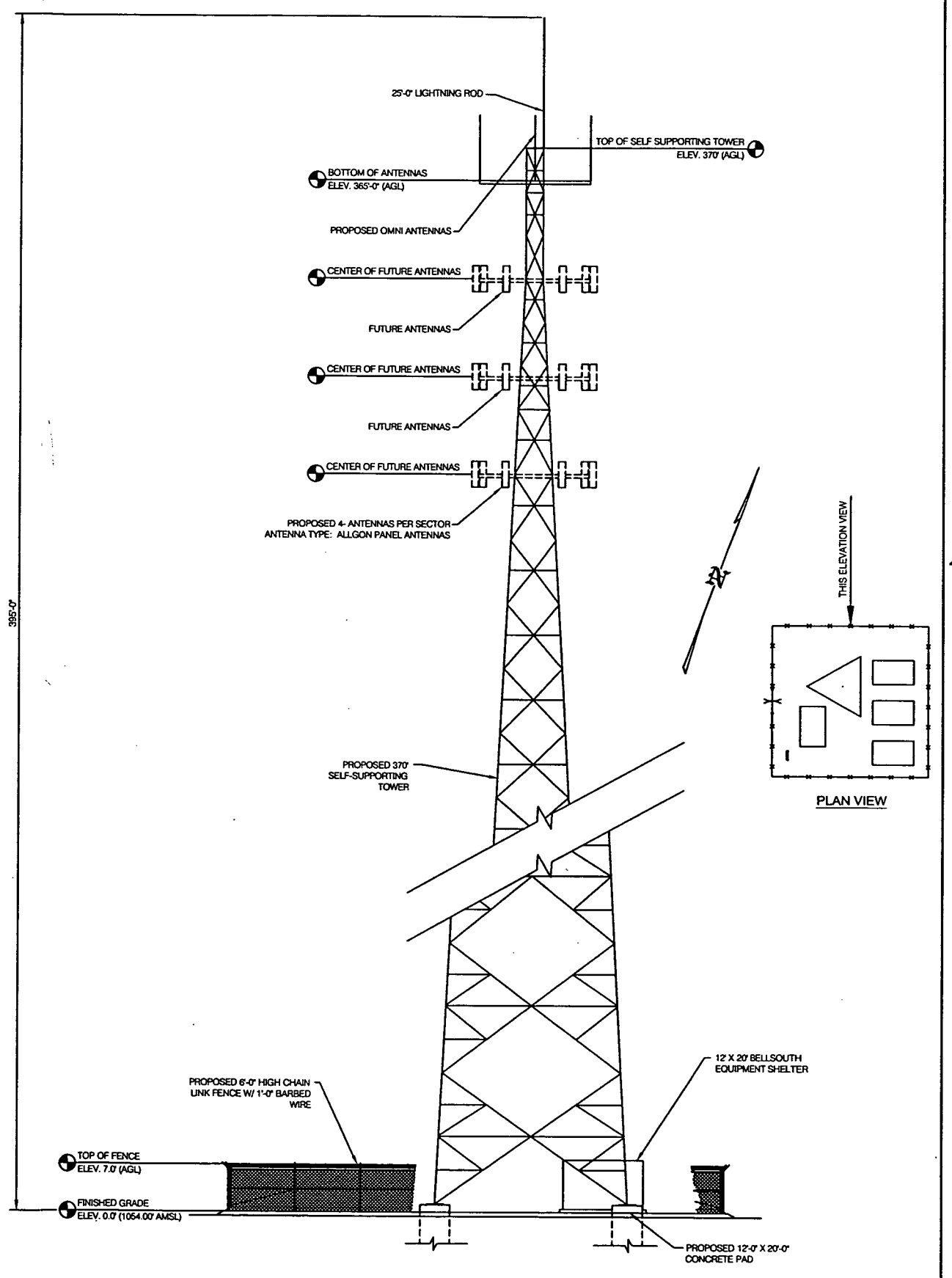
TITLE: **SOUTH & EAST ELEVATIONS**

SHEET: **A-3**

CCG PROJECT NUMBER - 9920-05



WEST ELEVATION | SCALE: NONE | 1



NORTH ELEVATION | SCALE: NONE | 2

CROWN
COMMUNICATION, INC.
11001 BLUEGRASS PARKWAY
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COMMUNICATIONS GROUP
MINERICH DIVISION
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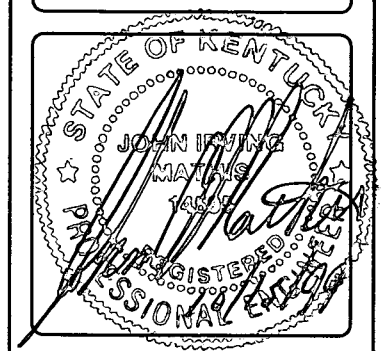
Richmond, Kentucky 40475
Phone: (606) 623-0024
Fax: (606) 624-1839



SITE NUMBER:	KY 258
SITE NAME:	VANCEBURG
SITE ADDRESS:	OLD HIGHWAY 10 VANCEBURG, KY 41179
LEASE AREA:	10000 sq. ft.
PROPERTY OWNER:	MALLORY AND HARRY DENHAM 123 SECOND STREET MAYSVILLE, KY 41056
TAX MAP NUMBER:	49
PARCEL NUMBER:	15
SOURCE OF TITLE:	DEED BOOK 126 PAGE 554
DRAWN BY: DATE:	A. WITT 8-13-99
CHECKED BY: DATE:	

REV.	DESCRIPTION	DATE	BY
A	ORIGINAL RELEASE	8-13-99	AW
B	REVISED TOWER HEIGHT	9-8-99	DLB
C	REV. LIGHTNING ROD, TWR. HT.	10-15-99	SH

TITLE: **NORTH & WEST ELEVATIONS**

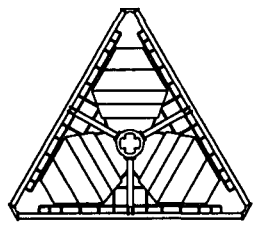
SHEET: **A-4**

CCG PROJECT NUMBER - 9920-05

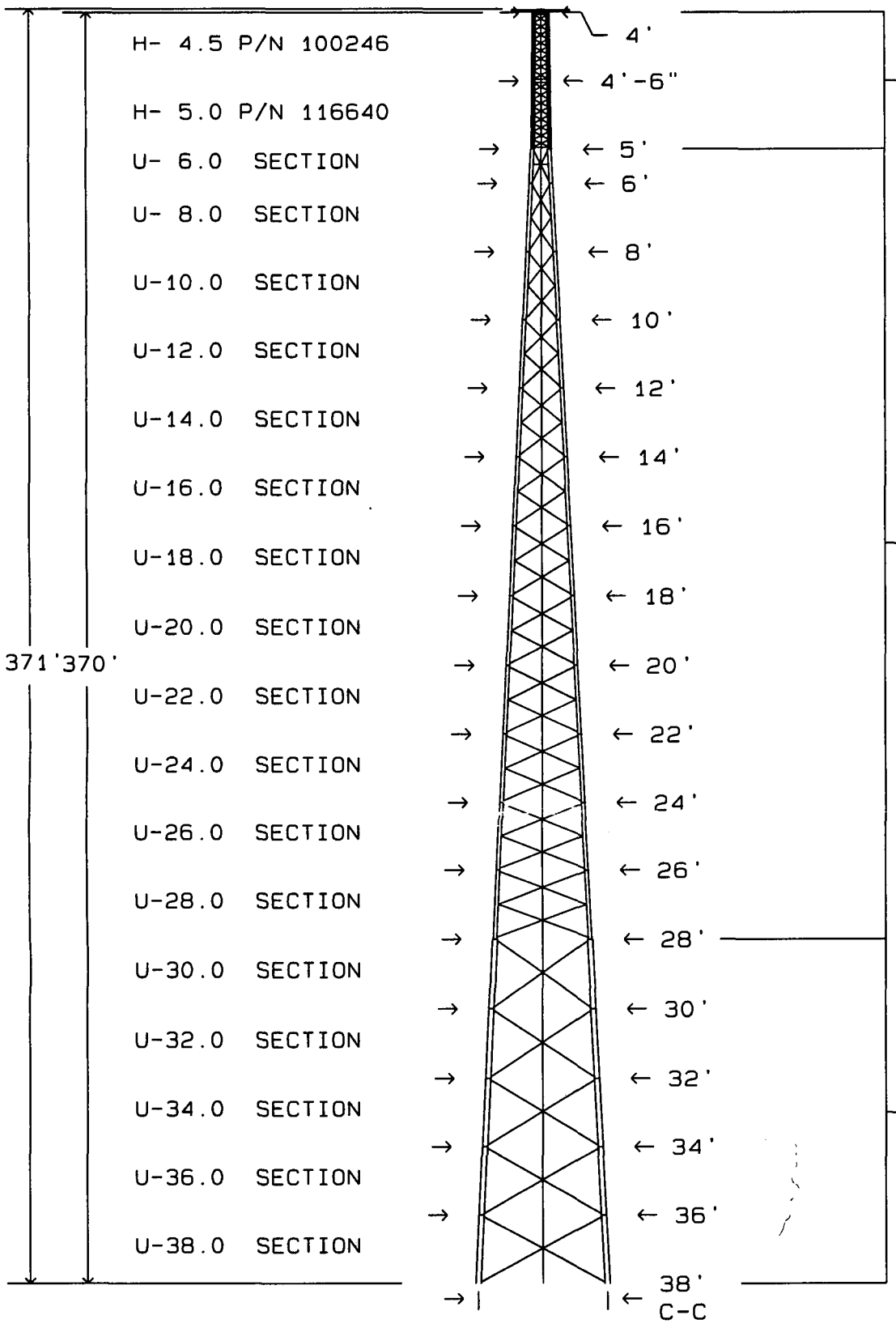
TOP VIEW
(ENLARGED)

ROTATABLE TOP
(REF ASSEMBLY
DWG # 135941)

SIDE VIEW
(ENLARGED)



SHOP WELD TOP PLATE
P/N 121018 AT TOP
OF TOP SECTION.



FABRICATED SECTIONS
SEE PAGE 2

12" BREAKDOWN
LEG SECTIONS
SEE PAGES 3 AND 4

18" BREAKDOWN LEG
DOUBLE ANGLE SECTIONS
SEE PAGE 4

STATE OF KENTUCKY
WILLIAM B. RETTIG
19094
LICENSED PROFESSIONAL ENGINEER

AUG 31 1999

REV	DESCRIPTION OF REVISIONS	INI	DATE
B	ADDED FOUNDATION PER SOIL REPORT	WRH	08/31/1999
A	ADDED FOUNDATION PER NORMAL SOIL	WBR	08/30/1999

From: 86185.DFT - 08/26/1999 17:28
Printed from: 20531818.DWG - 08/31/1999 10:43 @ 08/31/1999 13:22

CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' SELF-SUPPORTING TOWER

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	N/A	
DRAWN BY	MDB	

PiROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

ENG. FILE NO. A-9908319A
ARCHIVE Q-86185

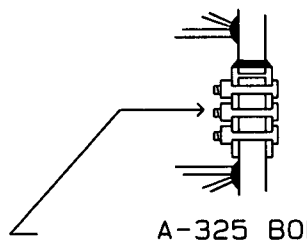
DRAWING NO. 205318-B
PAGE 1 OF 9

FABRICATED SECTION DATA 330' - 370' ELEVATION								
SECT LEN	SEC #	SECTION PART#	LEG SIZE	BRACE SIZE	SECT WT.*	BOLTS AT BOTTOM DIAM	LENGTH	#
20'	H- 4.5	100246+	2 "	7/8 "	1190#	3/4"	5"	15
20'	H- 5.0	116640	2- 1/4 "	1 "	1656#	1 "	3-1/2"	18

* THE WEIGHTS LISTED ARE THEORETICAL. THE ACTUAL WEIGHTS WILL VARY. ALL WEIGHTS SHOULD BE CONFIRMED IN THE FIELD PRIOR TO ERECTION.

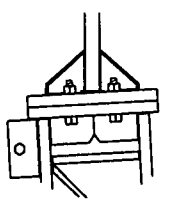
\+ SHOP WELD TOP PLATE P/N 121018 AT TOP OF TOP SECTION.

FABRICATED SECTIONS
TYPICAL SLEEVE TYPE
LEG CONNECTION



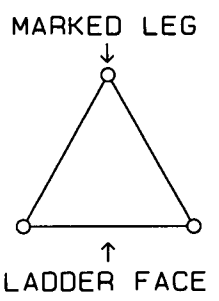
A-325 BOLTS
SEE TABLE ABOVE FOR SIZE.

FABRICATED SECTIONS
TRANSITION SIDE VIEW
AT 330' ELEVATION

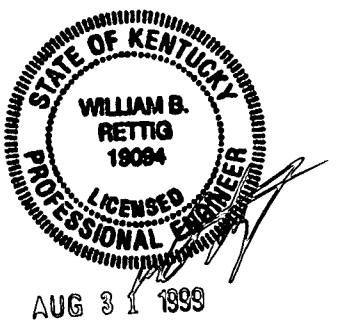


USE 1 FLATWASHER UNDER EACH LOCKNUT ON LEG CONNECTION.

FABRICATED SECTIONS
GENERAL SECTION ASSEMBLY
TOP VIEW



THE MARKED LEG OF EACH SECTION IS STAMPED WITH THE 6 DIGITS OF THE TOWER SERIAL #. ASSEMBLE THE TOWER WITH MARKED LEGS TOGETHER. THE MARKED LEG MAY ALSO CONTAIN JOINT NUMBERS STARTING WITH 1 AT THE TOP OF THE BASE SECTION. IF SO, ERECT WITH JOINTS IN THE PROPER SEQUENCE.



CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' SELF-SUPPORTING TOWER

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	N/A	
DRAWN BY	MDB	

PiROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

From: 86185.DFT - 08/26/1999 17:28
Printed from: 2053182@.DWG - 08/26/1999 17:17 @ 08/31/1999 13:22

ENG. FILE NO. A-9908319A
ARCHIVE Q-86185

DRAWING NO. 205318-B
PAGE 2 OF 9

BREAKDOWN SECTION DATA (12" LEG) 100' - 330' ELEVATION

SEC #	SECTION LENGTH	LEG SIZE	LEG PART#	TOP DIAG PART#	BOT DIAG PART#	DIAGONAL ANGLE FACE	DIAGONAL ANGLE THICK	QTY HOR	SECTION WEIGHT	LEG CONNECT+ DIAM	LEG CONNECT+ LENGTH	DIAG CONNECT DIAM	DIAG CONNECT LENGTH
U- 6.0	10'	1- 1/4"	105244		105556	2-1/2"	3/16"	1	920#	1 "	3-1/2"	1 "	2-1/4"
U- 8.0	20'	1- 1/2"	105217	105558	105561	2-1/2"	3/16"		2118#	1 "	3-1/2"	1 "	2-1/4"
U-10.0	20'	1- 1/2"	105217	105564	105567	2-1/2"	3/16"		2161#	1 "	3-1/2"	1 "	2-1/4"
U-12.0	20'	1- 3/4"	105218	105571	105574	3"	3/16"		2696#	1 "	3-1/2"	1 "	2-1/4"
U-14.0	20'	1- 3/4"	105218	105576	105579	3"	3/16"		2763#	1 "	3-1/2"	1 "	2-1/4"
U-16.0	20'	1- 3/4"	105218	105582	105587	3"	3/16"		2834#	1 "	4-1/2"	1 "	2-1/4"
U-18.0	20'	2 "	105219	128185	128186	3"	5/16"		4034#	1-1/4"	4-1/2"	1-1/4"	2-3/4"
U-20.0	20'	2 "	105219	105598	105601	3-1/2"	5/16"		4415#	1-1/4"	4-1/2"	1-1/4"	2-3/4"
U-22.0	20'	2 "	105219	127761	127762	3-1/2"	5/16"		4570#	1-1/4"	4-1/2"	1-1/4"	2-3/4"
U-24.0	20'	2- 1/4"	105220	113422	113423	4"	1/4"		5066#	1-1/4"	4-1/2"	1-1/4"	2-3/4"
U-26.0	20'	2- 1/4"	105220	106919	106920	4"	3/8"		6162#	1-1/4"	4-1/2"	1-1/4"	2-3/4"
U-28.0	20'	2- 1/4"	105220	129143	129144	4"	3/8"		6381#	1-1/4"	5"	1-1/4"	2-3/4"

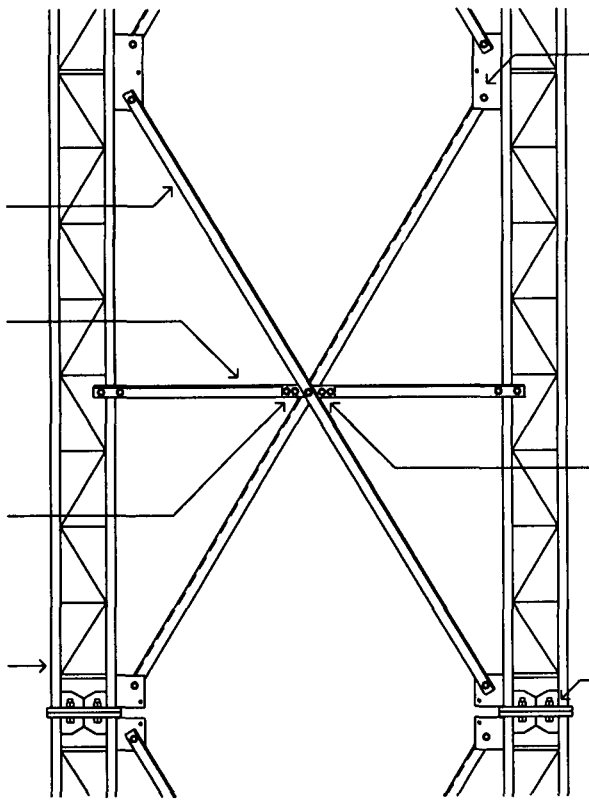
* THE WEIGHTS LISTED ARE THEORETICAL. THE ACTUAL WEIGHTS WILL VARY. ALL WEIGHTS SHOULD BE CONFIRMED IN THE FIELD PRIOR TO ERECTION.

+ USE 1 FLATWASHER UNDER EACH LOCKNUT, FOR LEG CONNECTION ONLY. ALSO USE 1 FLATWASHER UNDER EACH BOLT HEAD WHERE BUSHINGS ARE REQUIRED.

ANGLE HORIZONTAL DATA (12" LEG)

HORIZ HT	IN SEC#	HORIZ PART#	HORIZ TYPE	BOLTS DIAM	BOLTS LENGTH
325	U- 6.0	107603	2	SEE # 104955-A	

TYPICAL BREAKDOWN SECTION ASSEMBLY (12" LEG) 100' - 330' ELEVATION



STATE OF KENTUCKY
WILLIAM B. RETTIG
19084
LICENSED PROFESSIONAL ENGINEER
AUG 3 1 1999

CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' SELF-SUPPORTING TOWER

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	N/A	
DRAWN BY	MDB	

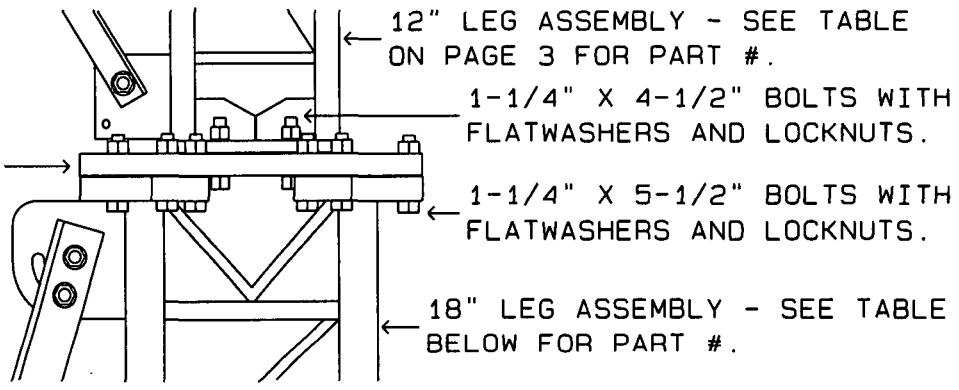
PiROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

From: 86185.DFT - 08/26/1999 17:28
Printed from: 2053183@.DWG - 08/26/1999 17:17 @ 08/31/1999 13:22

ENG. FILE NO. A-9908319A
ARCHIVE Q-86185

DRAWING NO. 205318-B
PAGE 3 OF 9

LEG TRANSITION FROM 12" TO 18" SECTIONS AT 100' ELEVATION



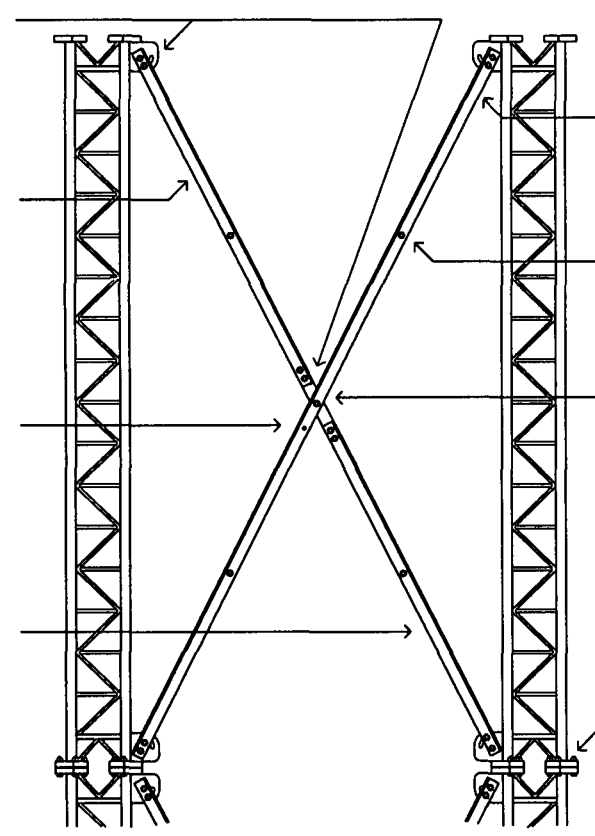
BREAKDOWN SECTION DATA (18" LEG WITH DOUBLE ANGLES) 0' - 100' ELEVATION

SEC #	SECTION LENGTH	LEG SIZE	LEG PART#	DIAGONAL PART #			DIAG ANGLE		SECTION WEIGHT	LEG CONNECT+		DIAG CONNECT	
				UPPER	LOWER	LONG	FACE	THICK		DIAM	LENGTH	DIAM	LENGTH
U-30.0	20'	2- 1/2"	112743	112865	112861	112795	3-1/2"	5/16"	7677#	1-1/4"	5-1/2'	1 "	3-1/2"
U-32.0	20'	2- 1/2"	112743	112857	112852	112791	3-1/2"	5/16"	7821#	1-1/4"	5-1/2'	1 "	3-1/2"
U-34.0	20'	2- 1/2"	112743	112846	112841	112785	4"	1/4"	7708#	1-1/4"	5-1/2'	1 "	3-1/2"
U-36.0	20'	2- 1/2"	112743	112836	112831	112780	4"	1/4"	7843#	1-1/4"	5-1/2'	1 "	3-1/2"
U-38.0	20'	2- 3/4"	112739	112826	112821	112775	4"	1/4"	8602#			1 "	3-1/2"

* THE WEIGHTS LISTED ARE THEORETICAL. THE ACTUAL WEIGHTS WILL VARY. ALL WEIGHTS SHOULD BE CONFIRMED IN THE FIELD PRIOR TO ERECTION.

\+ USE 1 FLATWASHER UNDER EACH LOCKNUT, FOR LEG CONNECTION ONLY.

TYPICAL BREAKDOWN SECTION ASSEMBLY (18" LEG WITH DOUBLE ANGLES) 0' - 100' ELEVATION



CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' SELF-SUPPORTING TOWER

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	N/A	
DRAWN BY	MDB	

PiROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

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ARCHIVE Q-86185

DRAWING NO. 205318-B
PAGE 4 OF 9

GENERAL NOTES

1. TOWER DESIGN CONFORMS TO STANDARD EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH 0.50" RADIAL ICE WITH LOAD DUE TO WIND REDUCED BY 25% WHEN CONSIDERED SIMULTANEOUSLY WITH ICE.
   TOWER DESIGN CONFORMS TO STANDARD EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH NO ICE.

2. MATERIAL: (A) SOLID RODS CONFORM TO ASTM A-572 GRADE 50 REQUIREMENTS.
   (B) ANGLES CONFORM TO ASTM A-36 REQUIREMENTS.
   (C) PIPE CONFORMS TO ASTM A-53 TYPE E, GRADE B REQUIREMENTS. (MIN YIELD STRENGTH=42 KSI)
   (D) ALL STEEL PLATES CONFORM TO ASTM A-36 REQUIREMENTS.
   (E) ANCHOR BOLTS CONFORM TO ASTM A-687 REQUIREMENTS.

3. BASE REACTIONS PER EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH 0.50" RADIAL ICE:
   TOTAL WEIGHT = 140.7 KIPS. MAXIMUM COMPRESSION = 560.7 KIPS PER LEG.
   MOMENT = 16908.1 KIP-FT. MAXIMUM UPLIFT = 466.9 KIPS PER LEG.
   MAXIMUM SHEAR = 80.3 KIPS TOTAL.

4. BASE REACTIONS PER EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH NO ICE.
   TOTAL WEIGHT = 97.1 KIPS. MAXIMUM COMPRESSION = 493.3 KIPS PER LEG.
   MOMENT = 15168.4 KIP-FT. MAXIMUM UPLIFT = 428.5 KIPS PER LEG.
   MAXIMUM SHEAR = 70.0 KIPS TOTAL.

5. FINISH: HOT DIPPED GALVANIZED AFTER FABRICATION.

6. ANTENNAS: 370' - TWELVE DB898 ANTENNAS ON A LOW PROFILE PLATFORM WITH 1-5/8" LINES.
   355' - TWELVE DB898 ANTENNAS ON THREE T-FRAMES WITH 1-5/8" LINES.
   340' - TWELVE DB898 ANTENNAS ON THREE T-FRAMES WITH 1-5/8" LINES.
   325' - ONE 8' HIGH PERFORMANCE DISH WITH EW63.

7. ALL TRANSMISSION LINES MUST BE PLACED ON PIROD SUPPLIED LINE BRACKETS PART # 127247.

8. REMOVE FOUNDATION TEMPLATE PRIOR TO ERECTING TOWER. INSTALL BASE SECTION WITH MINIMUM OF 2" CLEARANCE ABOVE CONCRETE. GROUT NUTS BELOW BASE SECTION WITH NON-SHRINK GROUT AFTER LEVELING TOWER.

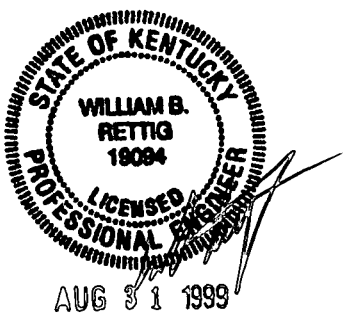
9. MIN. WELDS 5/16" UNLESS OTHERWISE SPECIFIED. ALL WELDING TO CONFORM TO AWS SPECIFICATIONS.

10. ALL BOLTS AND NUTS MUST BE IN PLACE BEFORE THE ADJOINING SECTION(S) ARE INSTALLED.

11. ALL A-325 BOLTS ARE TO BE TIGHTENED TO A SNUG TIGHT CONDITION AS DEFINED BY AISC SPECIFICATION UNLESS OTHERWISE NOTED. A MORE QUANTITATIVE ALTERNATIVE APPROACH TO ACHIEVING A SNUG TIGHT CONDITION IS TO TIGHTEN USING THE TORQUE VALUES FROM DRAWING 123107-A.

12. EIA GROUNDING FOR TOWER.

13. DUAL LIGHT KIT (351' - 700')



CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' SELF-SUPPORTING TOWER

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	N/A	
DRAWN BY	MDB	

PiROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

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ENG. FILE NO. A-9908319A
ARCHIVE Q-86185

DRAWING NO. 205318-B
PAGE 5 OF 9

FOUNDATION NOTES

1. SOIL AS PER REPORT BY ATC ASSOCIATES, INC., DATED: 8/16/99 (FILE: 32015.9G05)
2. CONCRETE TO BE 3000 PSI @28 DAYS. REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. CONCRETE INSTALLATION TO CONFORM TO ACI-318 BUILDING REQUIREMENTS FOR REINFORCED CONCRETE. ALL CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH FREE OF WATER AND ALL FOREIGN OBJECTS AND MATERIALS. A MINIMUM OF THREE INCHES OF CONCRETE SHALL COVER ALL REINFORCEMENT. WELDING OF REBAR NOT PERMITTED.
3. A COLD JOINT IS PERMISSIBLE UPON CONSULTATION WITH PIROD. ALL COLD JOINTS SHALL BE COATED WITH BONDING AGENTS PRIOR TO SECOND POUR.
4. ALL REINFORCING STEEL TO BE FORMED INTO A CAGE PRIOR TO SETTING INTO POSITION IN THE EXCAVATED PIER.
5. PERMANENT STEEL CASING SHALL NOT BE USED WITHOUT CONSENT FROM FOUNDATION DESIGNERS.
6. CROWN TOP OF FOUNDATION FOR PROPER DRAINAGE.
7. DIFFICULT DRILLING AND/OR ROCK CORING ARE TO BE EXPECTED BELOW A DEPTH OF APPROX. 12'. THE DRILLING CONTRACTOR SHOULD BE PREPARED TO BREAK UP ANY ROCK AND/OR ROCK CORES AND REMOVE THEM FROM THE EXCAVATION.

STATE OF KENTUCKY
WILLIAM B. RETTIG
19094
LICENSED PROFESSIONAL ENGINEER

AUG 31 1999

REV	DESCRIPTION OF REVISIONS	INI	DATE
B	ADDED FOUNDATION PER SOIL REPORT	WRH	08/31/1999
A	ADDED FOUNDATION PER NORMAL SOIL	WBR	08/30/1999

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Printed from: 20531868.DWG - 08/31/1999 10:44 @ 08/31/1999 13:22$$

CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' SELF-SUPPORTING TOWER

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	WRH	08/31/1999
DRAWN BY	MDB	

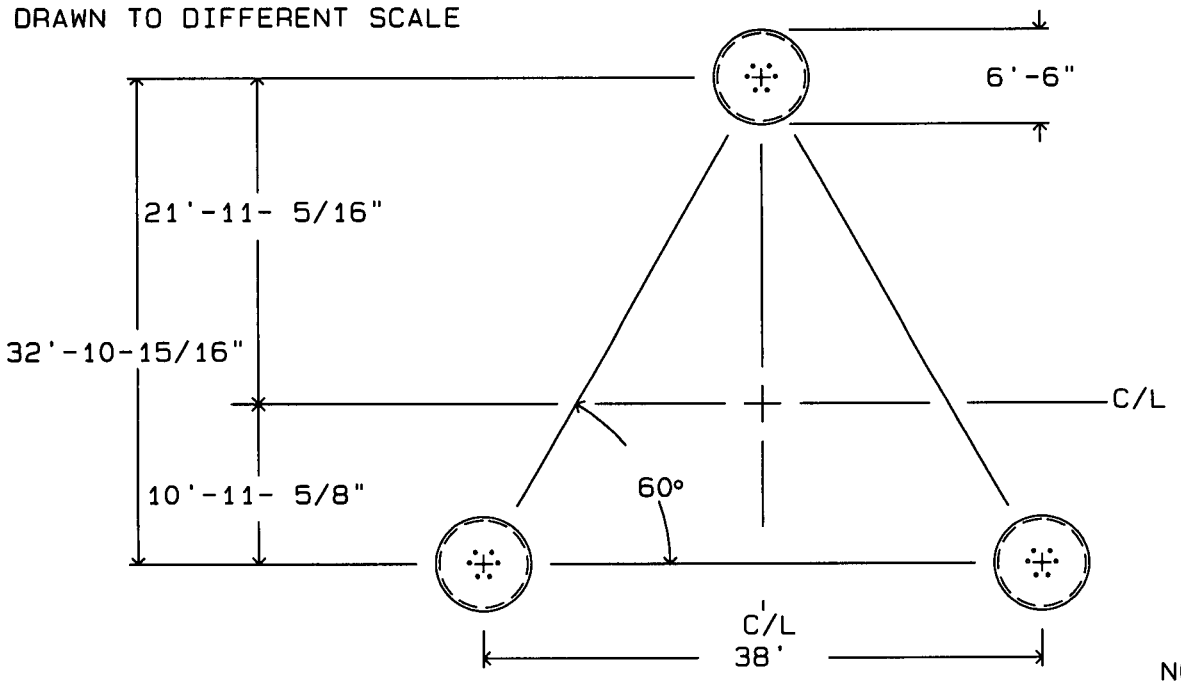
PIROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

ENG. FILE NO. A-9908319A
ARCHIVE Q-86185

DRAWING NO. 205318-B

TOP VIEW

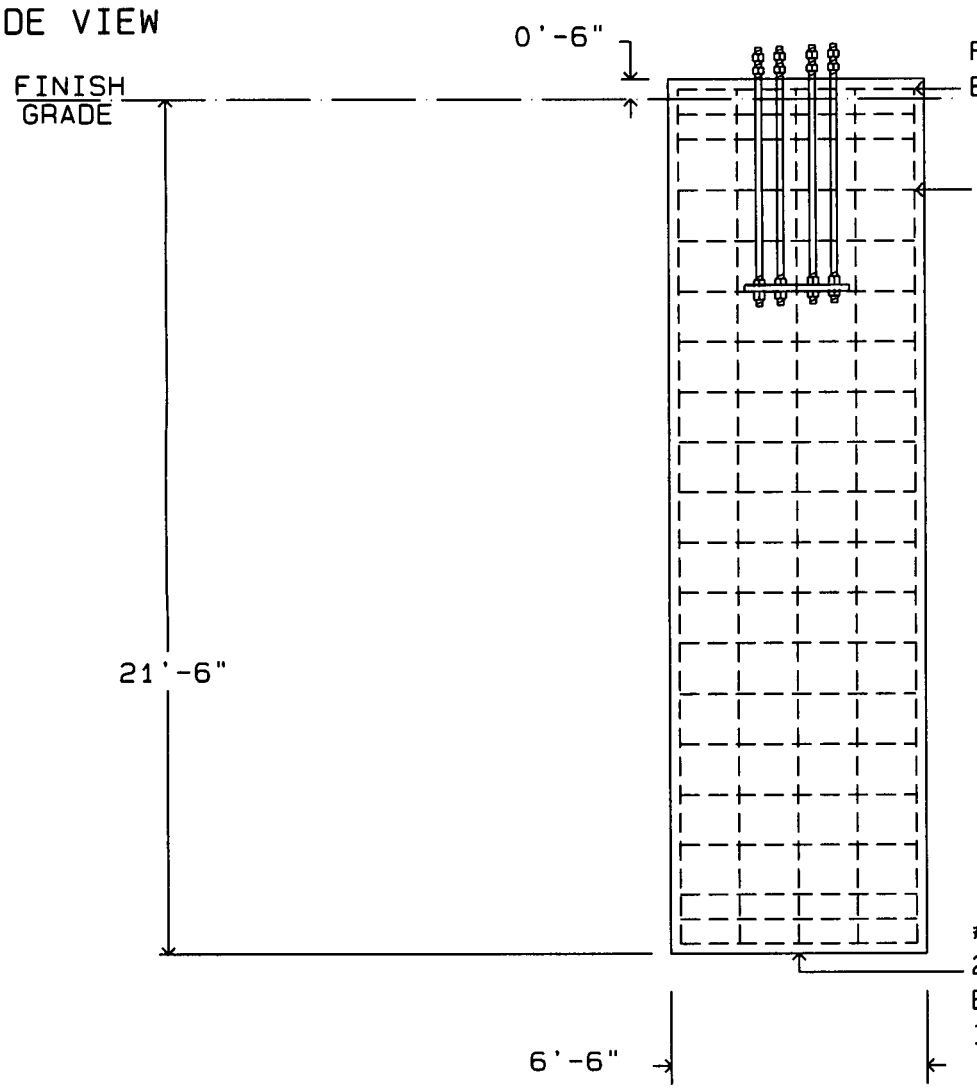
TOP AND SIDE VIEWS ARE
DRAWN TO DIFFERENT SCALE



NOTE: ALL REBAR REQUIRES MINIMUM 3" CONCRETE COVERAGE

FOR ANCHOR STEEL IDENTIFICATION AND PLACEMENT INFORMATION, SEE PAGE 9.

SIDE VIEW



FOR DETAIL VIEW OF REBAR CAGE END AREA, SEE (E) ON PAGE 8.

5 HORIZONTAL TIES - SEE (B) ON PAGE 8. 17 PIECES REQUIRED PER PIER, EQUALLY SPACED.

9 VERTICAL REBAR - SEE (A) ON PAGE 8. 24 PIECES REQUIRED PER PIER, EQUALLY SPACED, TO BE PLACED INSIDE TIES.

TOWER FOUNDATION

THREE PIERS REQUIRED
27.0 CUBIC YARDS CONCRETE REQUIRED EACH PIER

FOR INSTALLATION SPECIFICATIONS AND ADDITIONAL INFORMATION, SEE PAGE 6 OF THIS DRAWING.

STATE OF KENTUCKY
WILLIAM B. RETTIG
19094
LICENSED PROFESSIONAL ENGINEER

AUG 31 1999

REV	DESCRIPTION OF REVISIONS	INI	DATE
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CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' BASE FOUNDATION

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	WRH	08/31/1999
DRAWN BY	MDB	

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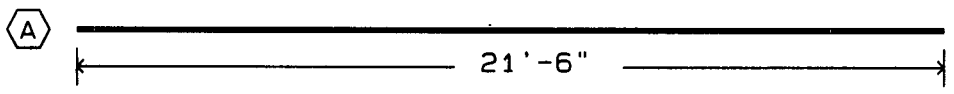
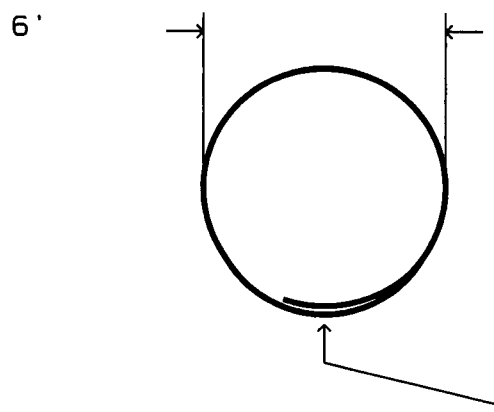
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

ENG. FILE NO. A-9908319A
ARCHIVE Q-86185

DRAWING NO. 205318-B



9 REBAR - 72 PIECES REQ. TOTAL
APPROX WT = 73.1# EACH, 5263# TOTAL

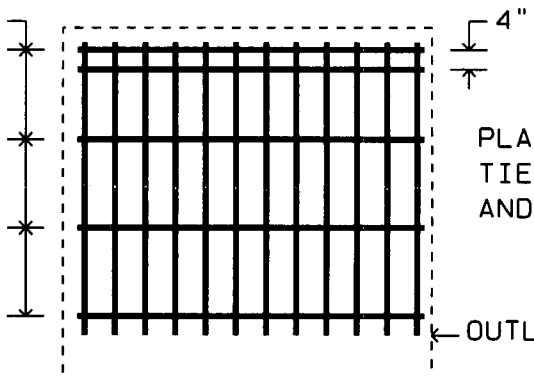


5 REBAR - 51 PIECES REQUIRED TOTAL
APPROX UNBENT LENGTH = 21'- 1"
APPROX WT = 22.0# EACH, 1122# TOTAL

LAP DIMENSION: 2'- 2- 3/4"
PLACE CIRCULAR TIES SO THAT LAPS ON ADJACENT TIES ARE 180 DEGREES APART.

1'-6"

PLACE FIRST TIE AT END OF VERTICAL BARS (TOP AND BOTTOM) AND CONTINUE SPACING AS SHOWN THROUGHOUT PIER.



PLACE AN ADDITIONAL CIRCULAR TIE 4" FROM THE END TIE (TOP AND BOTTOM) AS SHOWN.

OUTLINE OF CONCRETE PIER

DETAIL OF REBAR CAGE END
(E)

REBAR DETAIL

TOTAL APPROX REBAR WEIGHT = 6385#
REINFORCING BAR TO CONFORM TO
ASTM A615 GRADE 60 SPECIFICATIONS.

STATE OF KENTUCKY
WILLIAM B. RETTIG
19084
LICENSED PROFESSIONAL ENGINEER
AUG 31 1999

REV	DESCRIPTION OF REVISIONS	INI	DATE
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CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' REBAR DETAIL

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	WRH	08/31/1999
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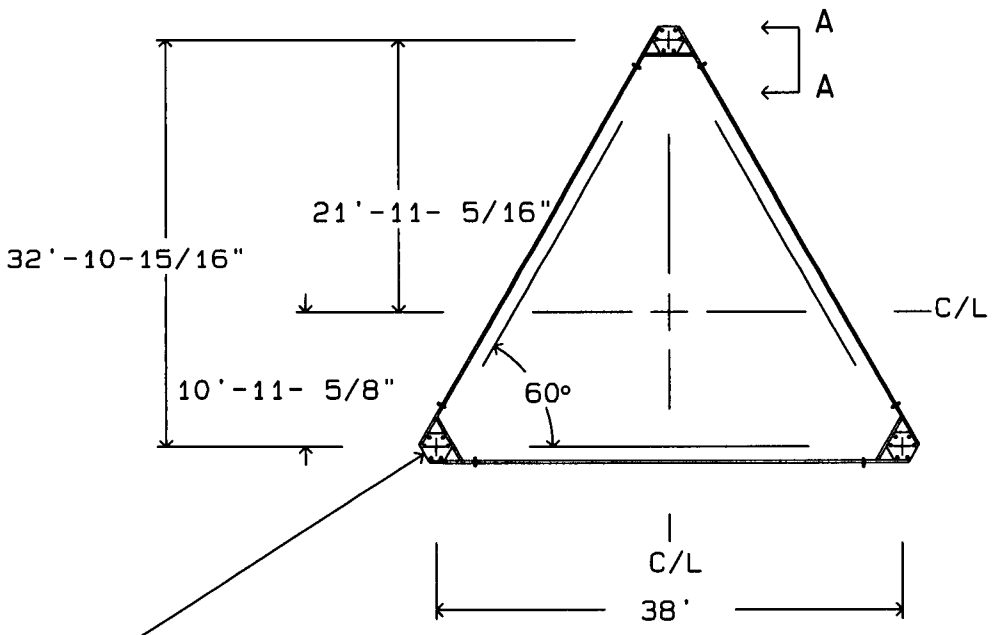
PiROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

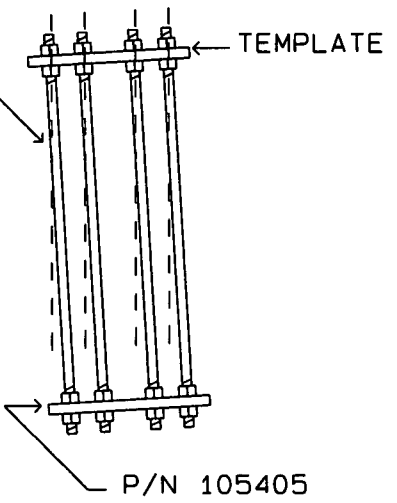
ENG. FILE NO. A-9908319A
ARCHIVE Q-86185

DRAWING NO. 205318-B

EACH LEG MUST BE CENTERED IN PIER WITHIN +/- 10% OF PIER DIAMETER
ASSEMBLE TEMPLATE WITH 7/8" X 3-1/2" BOLT. SEE DWG # 113590-B.

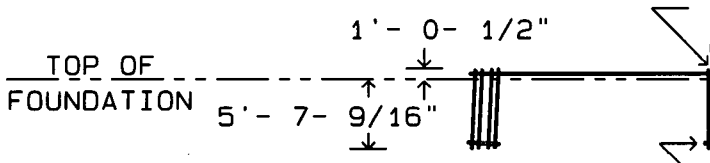


REFERENCE ANGLE = 3.30 DEGREES
TEMPLATE MUST BE UTILIZED TO INSURE CORRECT PLACEMENT.



VIEW A - A

TEMPLATE P/N 103620 IS REQUIRED FOR INSTALLATION. TEMPLATE MUST BE SECURELY DOUBLE-NUTTED TO ANCHOR BOLTS DURING CONCRETE INSTALLATION AND MUST BE LEVEL +/- 1/2".
INSTALL TEMPLATE WITH WELDED LIFTING ANGLES FACING UPWARD.
INSTALL TEMPLATE WITH SUFFICIENT SPACE BENEATH TO PERMIT FINISHING OF CONCRETE AND TO FACILITATE TEMPLATE REMOVAL PRIOR TO TOWER ERECTION.



ANCHOR BOLT P/N 125134 - 6 REQUIRED PER LEG
DIAMETER = 2 " COLOR CODE = BROWN/WHITE
INSTALL WITH 12.5" OF THREADS EXPOSED.
GROUT NUTS AFTER LEVELING TOWER.

PLATE P/N 105405 (1 REQUIRED PER LEG)
MUST BE SECURELY DOUBLE-NUTTED IN PLACE.
BENDING, STRAIGHTENING OR REALIGNING (HOT OR COLD) OF THE ANCHOR BOLTS BY ANY METHOD IS PROHIBITED.

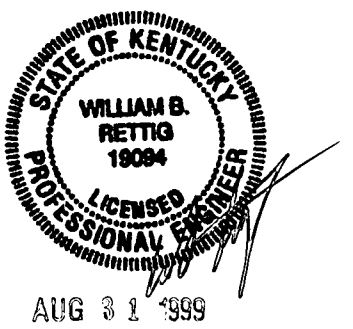
ATTENTION INSTALLER

2" DIAMETER ANCHOR STEEL

THE ANCHOR BOLTS PROVIDED FOR THIS PROJECT ARE 2" DIA. AND COLOR CODED BROWN & WHITE. THE CORNER TEMPLATE IS PART NUMBER 103620 FOR A TAPERED TOWER AND SHOULD HAVE THREE SETS OF 2-1/16" DIA. HOLES ON 10" CENTERS. EMBEDMENT PLATES ARE PART NUMBER 105405.

IF THERE ARE ANY DISCREPANCIES, PLEASE NOTIFY PIROD, INC., PRIOR TO INSTALLATION.

TOWER ANCHOR STEEL PLACEMENT



AUG 3 1 1999

REV	DESCRIPTION OF REVISIONS	INI	DATE
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A	ADDED FOUNDATION PER NORMAL SOIL	WBR	08/30/1999

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CROWN COMMUNICATIONS
VANCEBURG (ECHO KY258), KENTUCKY
U - 38.0 X 370' ANCHOR INSTALLATION

APPROVED/ENG.	WRH	08/31/1999
APPROVED/FOUND.	WRH	08/31/1999
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ENG. FILE NO. A-9908319A
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PIROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

DRAWING NO. 205318-B
PAGE 9 OF 9

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST:

1. American Tower
2. APEX
3. Tritel Communications
4. Nextel Partners
5. Spectra Site
6. CommNet
7. GTE Mobilenet, Inc.
8. BellSouth Mobility, Inc.
9. BellSouth Wireless Cable, Inc.
10. NextelWave
11. Powertel Kentucky, Inc.
12. SBA
13. Sprint PCS

COLOCATION SITE STATEMENT CHECKLIST

Site #: KY 258 Site Name: Vancerburg Candidate: A

Property Specialist: Scott A. Farr

C-__: Tower Type:_____ Tower Height: _____
Compound Size: _____
Owner(s): _____
Location:_____

Reason(s) not suitable for Collocation:

☐ The existing tower or facility is not of sufficient height to meet the applicant's engineering requirements.

☐ The facility's compound is not sufficient in size to accommodate additional carriers.

☐ The existing height of the facility is insufficient to meet radio propagation requirements for the proposed network.

☐ The tower is more than one mile from the approximate center of the search ring.

☐ Other:_____
_____

X Other: No towers within three to four miles of search ring and existing raw land owner.

CROWN CASTLE INTERNATIONAL

Crown Castle USA Inc.
Kentucky Region
11001 Bluegrass Parkway, Suite 330
Louisville, KY 40299

Tel 502 240.5821
Fax 502 240.5827
www.crowncastle.com

Date: October 26, 1999

To: Mr. Lloyd McCarthy

From: Scott A. Farr

Re: Vanceburg Relocation- KY 258

The existing guyed tower was originally constructed very near the edge of the mountaintop and since has become distressed and has the potential of collapsing due to soil subsiding. Therefore, Crown Castle will build a new 370' self-support tower, on the same property, approximately 200 feet north of the existing tower and once the new tower is constructed the existing tower will be remove.

The following information is for the existing tower:

Owner:	BellSouth
Height:	400 feet
Tower Type:	Guyed
Coordinates:	N 38-34-35
	W 83-26-23
County:	Lewis

Site Address: HC 73 Box 1180, Charters, Kentucky 41179

Landowners: Mallory & Harry Denham
134 Second Street
Maysville, Kentucky 41056
606.564.3337

Please let me know if you need further information.

Thanks

Please Type or Print on This Form

FILE COPY Vanceburg Relo

Form Approved OMB No. 2120-0001

U.S. Department of Transportation
Federal Aviation Administration

Failure To Provide All Requested Information May Delay Processing of Your Notice

Notice of Proposed Construction or Alteration

FOR FAA USE ONLY
Aeronautical Study Number

1. Sponsor (person, company, etc. proposing this action):
Attn. of: Dan Bennett
Name: BellSouth Mobility, Inc.
Address: 1650 Lyndon Farms Court
City: Louisville State: KY Zip: 40223
Telephone: (502) 329-7601 Fax:

2. Sponsor's Representative (if other than #1):
Attn. of: Carl F. Stokoe
Name: Airspace Safety Analysis Corporation
Address: Two Crown Center
1745 Phoenix Boulevard, Suite 120
City: Atlanta State: GA Zip: 30349
Telephone: (770) 994-1557 Fax: (770) 994-1637

3. Notice of: ☒ New Construction ☐ Alteration ☐ Existing

4. Duration: ☒ Permanent ☐ Temporary (___ months, ___ days)

5. Work Schedule: Beginning After FAA Approval End Within 18 Months

6. Type: ☒ Antenna Tower ☐ Crane ☐ Building ☐ Power Line
☐ Landfill ☐ Water Tank ☐ Other

7. Marking/Painting and/or Lighting Preferred:
☐ Red Lights and Paint ☒ Dual - Red and Medium Intensity White
☐ White - Medium Intensity ☐ Dual - Red and High Intensity White
☐ White - High Intensity ☐ Other

8. FCC Antenna Structure Registration Number (if applicable):

9. Latitude: 38 ° 34 ' 35.84 "

10. Longitude: 083 ° 26 ' 23.28 "

11. Datum: ☒ NAD 83 ☐ NAD 27 ☐ Other

12. Nearest: City: Vanceburg State: KY

13. Nearest Public-use (not private-use) or Military Airport or Heliport:
Fleming-Mason

14. Distance from #13. to Structure: 14.05 NM

15. Direction from #13. to Structure: 82.03° True Bearing

16. Site Elevation (AMSL): 1,053 ft.

17. Total Structure Height (AGL): 395 ft.

18. Overall Height (#16. + #17.) (AMSL): 1,448 ft.

19. Previous FAA Aeronatical Study Number (if applicable):
- OE

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map with the precise site marked and any certfied survey.)
The proposed site is located 2,300' Northwest from the intersection of State Route 10 and State Route 989 (chart attached). The site is located 14.45 NM on a True Bearing of 81.60° from the ARP of Fleming-Mason.

21. Complete Description of Proposal:
This proposed cellular communications installation will operate in the 800.0 - 960.0 , 1500.0 - 2000.0, 144.0 - 502.0 MHz band with 500.0 Watts ERP; 6.000 Ghz Microwave with 5 Watts ERP.

Frequency/Power (kW)	

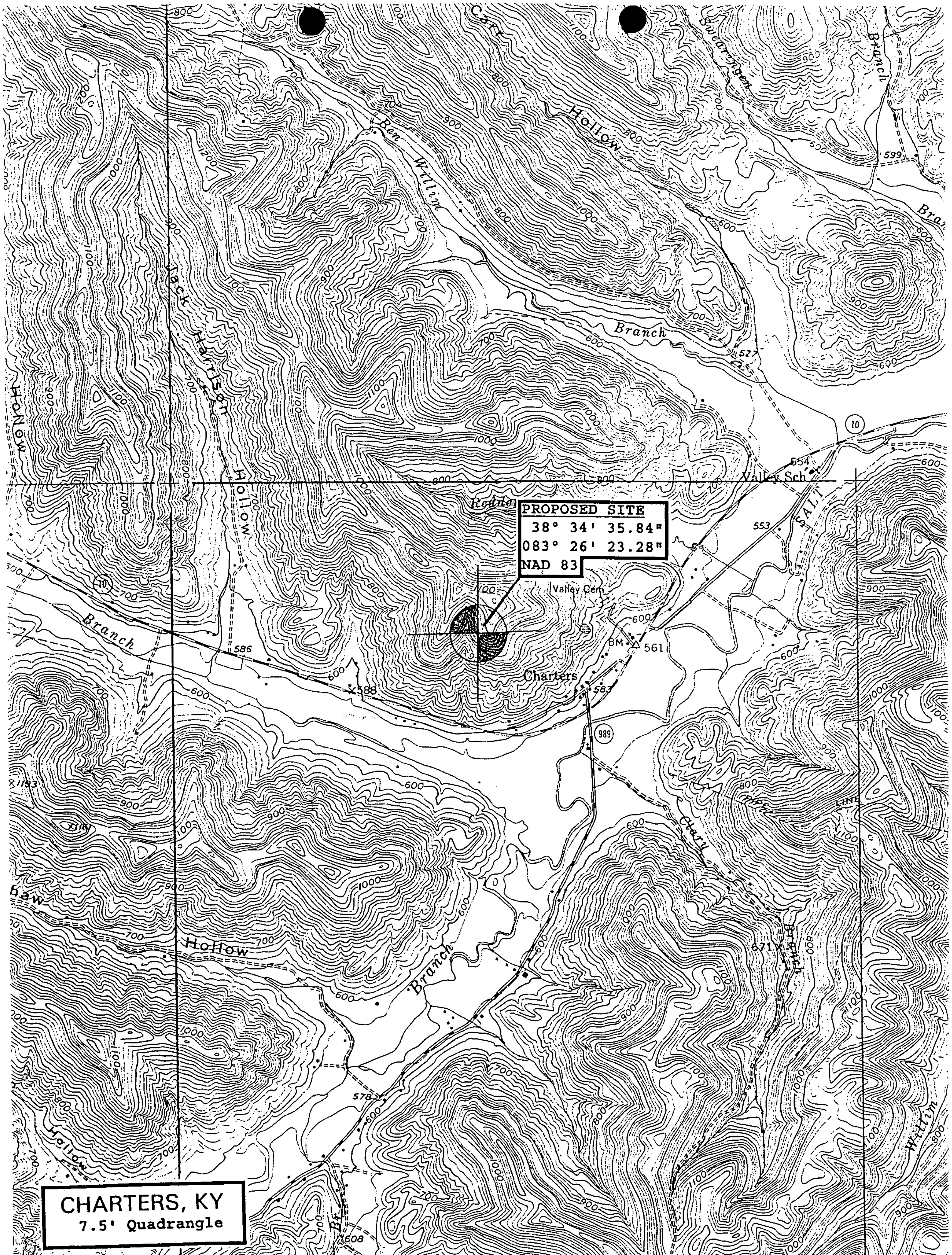
Notice is required by 14 Code of Federal Regulations, part 77 pursuant to 49 U.S.C., Section 44718. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to civil penalty of $1,000 per day until the notice is received, pursuant to 49 U.S.C., Section 46301 (a).

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking & lighting standards necessary.

Date	Typed or Printed Name and Title of Person Filing Notice	Signature
08/30/1999	Dan Bennett, R.F. Engineer	Dan Bennett

FAA Form 7460-1 (11-98) Supersedes Previous Edition

NSN: 0052-00-012-0008



PROPOSED SITE
38° 34' 35.84"
083° 26' 23.28"
NAD 83
CHARTERS, KY
7.5' Quadrangle
Charters
Valley Cem
Valley Sch
Ben William
Branch
Hollow
Jack Harrison
Hollow
Cary
Hollow
Sweat Mtn
Branch
Clary
Branch
Hollow

EXHIBIT G
APPLICATION TO KENTUCKY AIRPORT ZONING COMMISSION

FILE COPY

Vanceburg Relo

KAZC FORM TC 56-50 (01/96)

KENTUCKY TRANSPORTATION CABINET, DIVISION OF AERONAUTICS, 125 HOLMES STREET, FRANKFORT, KY 40622

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

– INSTRUCTIONS ON REVERSE SIDE OF FORM –

AERONAUTICAL STUDY NUMBER

1. NATURE OF PROPOSAL

A. TYPE	B. CLASS	C. WORK SCHEDULE
X NEW CONSTRUCTION	X PERMANENT	BEGIN After FAA Approval
___ ALTERATION	___ TEMPORARY	END Within 18 Months

2. DESCRIPTION OF STRUCTURE

This proposed cellular communications installation will operate in the 800.0 - 960.0 , 1500.0 - 2000.0, 144.0 - 502.0 MHz band with 500.0 Watts ERP; 6.000 Ghz Microwave with 5 Watts ERP.

The proposed site is located 2,300' Northwest from the intersection of State Route 10 and State Route 989 (chart attached). The site is located 14.45 NM on a True Bearing of 81.60° from the ARP of Fleming-Mason.

3A. APPLICANT - NAME, ADDRESS & TELEPHONE

Dan Bennett
BellSouth Mobility, Inc.
1650 Lyndon Farms Court
Louisville, KY 40223

(502) 329-7601

B. REPRESENTATIVE OF APPLICANT - NAME, ADDRESS & TELEPHONE

Carl F. Stokoe
Airspace Safety Analysis Corporation
1745 Phoenix Boulevard, Suite 120
Atlanta, Georgia 30349

(770) 994-1557

4. LOCATION OF STRUCTURE

A. GEOGRAPHIC COORDINATES (NEAREST SECOND)	B. NEAREST KY CITY	C. NEAREST KY AIRPORT
	Vanceburg	Fleming-Mason
LATITUDE	(1) DISTANCE TO 4B	(1) DISTANCE TO RUNWAY
38° 34" 35.84'	5 NM	14.05 NM
LONGITUDE	(2) DIRECTION TO 4B	(2) DIRECTION TO AIRPORT
083° 26" 23.26'	East	261.79262.21

5. HEIGHT & ELEVATION

A. SITE ELEVATION (ABOVE MEAN SEA LEVEL)	1,053'
B. HEIGHT OF STRUCTURE, INCLUDING APPURTENANCES AND LIGHTS (ABOVE GROUND LEVEL)	395'
C. OVERALL HEIGHT (AMSL) (A+B)	1,448'

6. OBSTRUCTION MARKING & LIGHTING

	YES	NO
A. MARKED FOR THE PROTECTION OF AIR NAVIGATION (FLAGS, SPHERES, ETC.)		X
B. OBSTRUCTION MARKED IN ACCORDANCE WITH 602KAR50:100 (FAA AC 70/7460-1H)		X
C. OBSTRUCTION LIGHTED IN ACCORDANCE WITH 602KAR50:100 (FAA AC 70/7460-1H)	X	

7. HAS "NOTICE OF CONSTRUCTION OR ALTERATION" (FORM 7460-1) BEEN FILED WITH THE FEDERAL AVIATION ADMINISTRATION? IF SO, WHEN?

4101

8. 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.

Dan Bennett
BY R.F. Engineer — Dan Bennett — DATE 09/01/1999
NAME (PRINTED), SIGNATURE & TITLE

PENALTIES. PERSONS FAILING TO COMPLY WITH KENTUCKY REVISED STATUTES AND KENTUCKY AIRPORT ZONING COMMISSION ADMINISTRATIVE REGULATIONS ARE LIABLE FOR FINES OR IMPRISONMENT AS SET FORTH IN KRS 183.990(3). NON-COMPLIANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS MAY RESULT IN FURTHER PENALITIES.

COMMISSION ACTION	CHAIRMAN, KAZC (OR) ADMINISTRATOR, KAZC
APPROVED	DATE
DISAPPROVED	

EXHIBIT H
GEOTECHNICAL REPORT

ATC ASSOCIATES INC.

GEOTECHNICAL ENGINEERING STUDY
CLEAR COMMUNICATIONS
VANCEBURG KY 258 TOWER
HIGHWAY 9
VANCEBURG, KENTUCKY
ATC Project No. 52075-9005

ATC ASSOCIATES INC.

2815 Watterson Trail
Louisville, Kentucky 40299
502.267.8355
Fax 502.267.8528

August 16, 1999

Clear Communications Group
1905 Barnes Mill Road
Richmond, Kentucky 40476

Attention: Mr. Scot Higgins

Re: Geotechnical Engineering Study
Proposed Vanceburg KY258 Tower
Highway 9
Vanceburg, Kentucky
ATC Project No. 32015.9G05

Gentlemen:

Transmitted herewith is our geotechnical engineering report for the referenced project as authorized in accordance with our January 15, 1998 proposal for environmental and geotechnical support services. This report contains our findings, an engineering interpretation of these findings with respect to the available project characteristics, and recommendations to aid design and construction of the tower foundations. We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact our office.

Cordially,

ATC Associates Inc.

STATE OF KENTUCKY
DAVID L WARDER
9588
PROFESSIONAL ENGINEER

Elizabeth W. Stuber, E.I.T.
Project Engineer

David L. Warder, P.E.
Regional Geotechnical Engineer

Copies submitted: (4) Mr. Scot Higgins

TABLE OF CONTENTS

GEOTECHNICAL ENGINEERING INVESTIGATION

Proposed Communications Transmission Tower
Vanceburg - KY258
Highway 9
Vanceburg, Kentucky
ATC Project No. 32015.9G05

1. PURPOSE AND SCOPE

The purpose of this study was to determine the general subsurface conditions at the location of the proposed tower by drilling one soil test boring and to evaluate this data with respect to foundations concept and design for the proposed self-supporting tower. Also included is an evaluation of the site with respect to potential construction problems and recommendations dealing with quality control during construction.

2. PROJECT CHARACTERISTICS

Clear Communications is planning to construct a communications tower on the Denham property, which is located off of Highway 9 in Vanceburg, Kentucky. The proposed tower location is shown on the Boring Location Plan in the Appendix. At the time of our field exploration, the site was a wooded tract of land within an open field. There is an existing 400 foot tower just south of the proposed replacement tower location. The existing tower will reportedly be replaced due to slope stability problems.

No foundation design loads have been provided for the proposed 300 foot self-supporting tower. We assume that the tower will be supported on three legs situated in a triangular pattern and that the legs of the tower will be supported on three drilled piers or on a common mat foundation

bearing at a suitable depth below the existing ground surface. We further assume that the maximum downward load on the tower will not exceed about 300 kips/leg and that the maximum uplift and lateral forces will be in the range of about 200 kips/leg and about 25 kips/leg, respectively, and the maximum overturning moment at the foundation level will not exceed about 8,000 kips-ft. The development will also include a small equipment building near the base of the tower.

3. SUBSURFACE CONDITIONS

The subsurface conditions were explored by drilling one test boring at the proposed tower location, the center of which was staked in the field by the client. The Geotechnical Soil Test Boring Log, which is included in the Appendix, describes the materials and conditions encountered. A sheet defining the terms and symbols used on the boring log and explaining the Standard Penetration Test (SPT) procedure can also be found in the Appendix. The general subsurface conditions disclosed by the test boring is discussed in the following paragraphs.

No topsoil was encountered at the ground surface. The boring encountered apparently natural clayey silt (ML) of low plasticity from the ground surface to a depth of 12 feet. The SPT N-values in the clayey silt increased with depth and ranged from 14 to 27 blows per foot indicating a stiff to very stiff consistency. Pocket penetrometer values used to estimate the unconfined compressive strength of cohesive soil ranged from 3.5 to 6.0 tons per square foot or higher. Highly weathered shale was encountered at about 12 feet below the ground surface. Auger refusal was encountered in the shale at 22 feet below the existing ground surface.

Groundwater observations made at the completion of drilling operations indicated the boring to be dry. It must be noted, however, that short term water readings are not necessarily a reliable indication of the actual groundwater level. Furthermore, it must be emphasized that the groundwater level is generally not stationary, but will fluctuate seasonally.

According to the Seismic Zone Map of the United States, Vanceburg, Kentucky is within Zone 1. In this system, Zone 3 is the most seismically active while Zone 0 has the lowest earthquake potential. Considering the subsurface conditions encountered at the site and Table 16-J in the 1997 Uniform Building Code, the soil-profile type is S_C.

4. FOUNDATION DESIGN RECOMMENDATIONS

The following design recommendations have been developed on the basis of the previously described project characteristics (Section 2.0) and subsurface conditions (Section 3.0). This office must be notified if the project description included herein is incorrect, or if the proposed structure location is changed to establish if revisions to the following recommendations are necessary.

4.1. Tower

Our findings indicate that the proposed self-supporting tower legs can be supported on drilled pier foundations or on a large common mat.

4.1.1. Drilled Pier

Drilled piers that bear in the highly weathered shale encountered in the test boring below a depth of 12 feet can be designed for a net allowable end bearing pressure of 10,000 pounds per square foot. The following table summarizes the recommended values for use in analyzing lateral and frictional resistance for the various soil strata encountered at the test boring. It is important to note that these values are estimated based on the standard penetration test results and soil types, and were not directly measured. The values provided for undrained shear strength and total soil unit weight are ultimate values and appropriate factors of safety should be used in conjunction with these values. If the pier will bear deeper than 17 feet, a deeper boring should be drilled to determine the nature of the deeper bedrock.

Depth Below Ground Surface, feet	Undrained Shear Strength, psf	Angle of Internal Friction, Ø, degrees	Total Soil Unit Weight, pcf	Allowable Passive Soil Pressure, psf/one foot of depth	Allowable Side Friction, psf
0 - 3	1,200	0	120	800 + 40D	0
3 - 12	2,000	0	120	1,450 + 40(D-3	450
12 - 17	8,000	0	140	4,000 + 45(D-12)	1,750

Note: D = Depth below ground surface (in feet) to point at which the passive pressure is calculated.

It is important that the drilled piers be installed by an experienced, competent drilled pier contractor who will be responsible for properly installing the pier in accordance with industry standards and generally accepted methods, without causing deterioration of the subgrade. The recommendations contained herein relate only to the soil-pier interaction and do not account for the structural design of the pier.

4.1.2. Mat Foundation

As an alternative, the tower legs could be supported on a common mat foundation bearing at a depth of at least 30 inches in the very stiff clayey silt. A net allowable bearing pressure of up to 4,000 pounds per square foot may be used in proportioning the mat. This value may be increased by 30 percent for the maximum edge pressure under transient loads. A friction value of 0.30 may be used between the

concrete and the underlying clayey silt. The passive pressures given for the drilled pier foundation may be used to resist lateral forces.

It is important that the mat be designed with an adequate factor of safety with regard to overturning under the maximum deign wind load.

4.2. Equipment Building

The equipment building may be supported on shallow, spread footings bearing in the shallow clayey silt soil and designed for a net allowable soil pressure of 4,000 pounds per square foot. The footings should be at least ten inches wide and should bear at a depth of at least 30 inches to minimize the effects of frost action. Any topsoil, frozen or excessively soft material must be removed beneath footings.

The floor slab for the new equipment building may be subgrade supported on a properly prepared subgrade. The slab should be designed and adequately reinforced to resist the loads proposed. The exposed subgrade should be carefully inspected by probing and testing as needed. Any organic material still in place, frozen or excessively soft soil and other undesirable materials should be removed.

Once the subgrade has been properly prepared and evaluated, fill may be placed to attain the desired final grade. Any non-organic, naturally occurring, non-expansive soils can be used for structural fill, including those encountered on this site, pending evaluation by the geotechnical engineer.

All engineered fill should be compacted to a dry density of at least 100 percent of the standard Proctor maximum dry density (ASTM D698). The compaction should be accomplished by placing the fill in about eight inch loose lifts and mechanically compacting each lift to at least the specified density. Field density tests should be performed on each lift as necessary to insure that adequate compaction is being achieved.

Surface run-off water should be drained away from the building and not allowed to pond. It is recommended that all foundation concrete be placed the same day the excavation is made.

5. GENERAL CONSTRUCTION PROCEDURES AND RECOMMENDATIONS

It is possible that variations in subsurface conditions will be encountered during construction. Although only minor variations that can be readily evaluated and adjusted for during construction are anticipated, it is recommended the geotechnical engineer or a representative be retained to perform continuous inspection and review during construction of the soils-related phases of the work. This will permit correlation between the test boring data and the actual soil conditions encountered during construction.

5.1. Foundation Excavation Inspection

If drilled piers are used, the material at the base of the drilled pier excavations should be inspected by the geotechnical engineer or qualified soils technician to insure that the piers will bear on satisfactory

material. However, it is not necessary to directly inspect the soil material at the base of the drilled pier excavations. Rather, the inspection can be performed without entering the pier excavation by observing the drilling operations and auger cuttings throughout the entire length of the pier excavation to verify that the material at the bearing elevation is the material prescribed in Section 4.0. It is important that the pier excavation and subsurface conditions be monitored until the concrete is placed to verify that the otherwise competent soils are not adversely affected by improper construction methods or by groundwater seepage or surface water infiltration. If unsuitable conditions are encountered at the base of a pier excavation, the pier excavation should be extended to the bottom of such undesirable material and re-inspected. Unless it becomes necessary to enter the excavation, it will probably not be necessary to use temporary casing to prevent the sides of the pier excavations from caving. It is important that the concrete be placed and the casing removed in such a fashion as to prevent "necking" of the drilled pier. Unless the pier excavation is completely dry, the concrete must be placed by tremie.

If a mat foundation is used, the tower excavation should be inspected by the geotechnical engineer or a qualified soils technician to insure that all undesirable material is removed and that the foundation will bear on satisfactory material as decried in Section 4.1. At the time of such inspection, it will be necessary to make hand auger borings or use a hand penetration device in the base of the foundation excavation to insure that the soils below the base are satisfactory for foundation support. The necessary depth of penetration will be established during inspection.

If undercutting is required in order to remove unsuitable materials at the tower foundation location, the foundation bearing elevation may be re-established by backfilling after all undesirable materials have been removed or the foundation can be placed at the lower depth. The undercut excavation beneath the foundation should extend to suitable bearing soils and the dimensions of

the excavation base should be determined by imaginary planes extending outward and down on a 2 (vertical) to 1 (horizontal) slope from the base perimeter of the foundation. The entire excavation should than be refilled with a well-compacted granular fill as described in Section 5.2 or lean concrete may be used. Special care should be exercised to remove any sloughed, loose or soft materials near the base of the excavation slopes with benches as necessary, to insure that no pockets of loose or soft materials will be left in place along the excavation slopes below the foundation bearing level.

Soils exposed in the base of the foundation excavation should be protected against any detrimental changes in conditions such as from disturbance, rain and freezing. Surface run-off water should be drained away from the excavation and not allowed to pond. If possible, all concrete should be placed that same day the excavation is made. If this is not practical, the excavation should be adequately protected

5.2. Fill Compaction

All engineered fill placed adjacent to and above the tower foundation should be compacted to a dry density of at least 95 percent of the standard Proctor maximum dry density (ASTM D-698). This minimum compaction requirement should be increased to 100 percent for any fill placed below the tower foundation bearing elevation. Any fill placed beneath the tower foundation should be limited to well-graded sand and gravel or crushed stone. The compaction should be accomplished by placing the fill in about 8 inch (or less) loose lifts and mechanically compacting each lift to at least the specified minimum dry density. Field density test should be performed on each lift as necessary to insure that adequate moisture conditioning and compaction is being

achieved.

Compaction by flooding is not considered acceptable. This method will generally not achieve the desired compaction and the large quantities of water will tend to soften the foundation soils.

5.3. Construction Dewatering

No serious dewatering problems are anticipated. At the time of our investigation, the ground water level appeared to be below the anticipated excavation depths. However, depending upon seasonal conditions, some minor seepage into excavations may be experienced. It is anticipated that any such seepage can be handled by conventional dewatering methods such as pumping from the drilled pier excavations or from sumps in shallow foundation excavations.

6. FIELD INVESTIGATION

One soil test boring was drilled at the location established in the field by the project surveyor. Split-spoon samples were obtained by the Standard Penetration Test (SPT) procedure (ASTM D1586) in the test boring. The boring was extended to the auger refusal depth of 22 feet below existing grade. Representative portions of the soil samples were sealed in glass jars and returned to our laboratory.

The boring log is included in the Appendix along with a sheet defining the terms and symbols used on the log and an explanation of the Standard Penetration Test (SPT) procedure. The log presents visual descriptions of the soil strata encountered, Unified System soil classifications, groundwater

observations, sampling information, laboratory test results, and other pertinent field data and observations.

7. LABORATORY INVESTIGATION

The split-spoon samples were inspected and visually classified by a geotechnical engineer in general accordance with the Unified Soil Classification System and the field boring log was edited as necessary. To aid in classifying the soil samples and to check the general soil characteristics pocket penetrometer tests were performed on selected samples. The results of these tests are included on the boring log.

8. LIMITATIONS OF STUDY

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either express or implied. ATC Associates Inc. is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

A geotechnical study is inherently limited since the engineering recommendations are developed from information obtained from a test boring that only depicts subsurface conditions at the specific location, time and depth shown on the log. Soil conditions at other locations may differ from those encountered in the test boring, and the passage of time may cause the soil conditions to change from those described in this report.

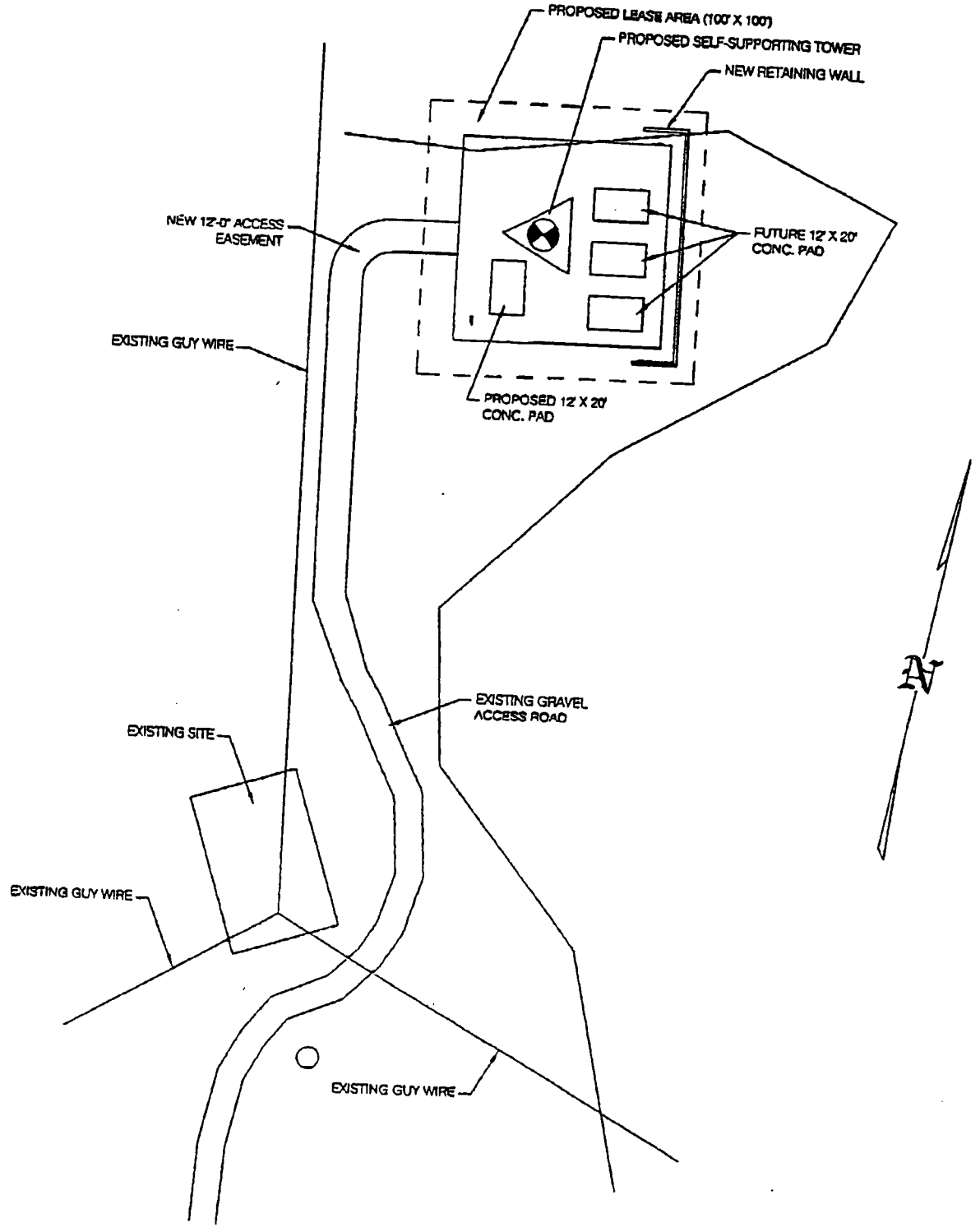
The nature and extent of variation and change in the subsurface conditions at the site may not become evident until the course of construction. Construction monitoring by the geotechnical engineer or a representative is therefore considered necessary to verify the subsurface conditions and to check that the soils connected construction phases are properly completed. If significant variations or changes are in evidence, it may then be necessary to re-evaluate the recommendations of this report. Furthermore, if the project characteristics are altered significantly from those discussed in this report, if the project information contained in this report is incorrect, or if additional information becomes available, a review must be made by this office to determine if any modification in the recommendations will be required.

APPENDIX

BORING LOCATION PLAN

GEOTECHNICAL BORING LOG

SOIL SAMPLE CLASSIFICATION



◓ Approximate Location of ATC Soil Borings

BORING LOCATION PLAN **Clear Communications Group** **Proposed Vanceburg KY 258 Tower** **Vanceburg, Kentucky**	**PROJECT NUMBER** **32015.9G05** **SCALE** **Unknown**	ATC

VATC Associates Inc.
2815 Watterson Trail
Louisville, Kentucky 40299

GEOTECHNICAL BORING LOG

CLIENT: Clear Communications
PROJECT: Propsoed Vanceburg KY 258 Tower
LOCATION: Vanceburg, Kentucky

BORING NUMBER: B-1
PROJECT NUMBER: 32015.9G05
PROJECT MANAGER: Beth Stuber

Surface Elevation:
Date Started: 8/10/99
Date Completed: 8/10/99

Hammer Weight: 140 lbs.
Hammer Drop: 30 in.
Drill Foreman: J. Wharton

Hole Dia.: 7.5 in.
Boring Method: HSA
Supervisor: B. Stuber

ELEV	MATERIAL DESCRIPTION	LAYER DEPTH & TYPE	DEPTH SCALE	SAMPLE DATA NO	BLOWS	TYPE	REC	w,%	PP,tsf	NOTES
	CLAYEY SILT (ML) - stiff, tan, dry			1	7-7-7	SPT	80		--	No topsoil was encountered at the ground surface
	- very stiff, orange tan			2	8-11-9	SPT	80		4.5	
	- trace sand and rock fragments		5	3	10-10-12	SPT	80		3.5	
				4	13-11-13	SPT	80		6.0	
			10	5	15-13-14	SPT	80		6.0	
	SHALE - highly weatherd, gray	12.0		6	50/6"	SPT	--		--	
			15							
				7	50/6"	SPT	--		--	
	AUGER REFUSAL	22.0	20							The borehole was dry at the completion of drilling operations.
			25							
			30							
			35							

GEOTECHNICAL 32015-5.GPJ 8/16/99

SOIL SAMPLE CLASSIFICATION

GRANULAR SOILS
(Silt, Sand, Gravel and Combinations)

Density	
Very Loose	- 5 blows/ft. or less
Loose	- 6 to 10 blows/ft.
Medium Dense	- 11 to 30 blows/ft.
Dense	- 31 to 50 blows/ft.
Very Dense	- 51 blows/ft. or more

Relative Proportions	Percent
Trace	1 - 10
Little	11 - 20
Some	21 - 35
And	36 - 50

Particle Size Identification		
Boulders	- 8 inch diameter or more	
Cobbles	- 3 to 8 inch diameter	
Gravel	- Coarse	- 1 to 3 inch
	Medium	- ½ to 1 inch
	Fine	- ¼ to ½ inch
Sand	- Coarse	- 2.00 mm to ¼ inch
	- Medium	- 0.42 to 2.00 mm
	- Fine	- 0.074 to 0.42 mm
	- Silt	- 0.002 to 0.074 mm
Clay	- less than 0.002 mm	

COHESIVE SOILS
(Clay, Silt and Combinations)

Consistency	
Very Soft	- 3 blows/ft. or less
Soft	- 4 to 5 blows/ft.
Medium Stiff	- 6 to 10 blows/ft.
Stiff	- 11 to 15 blows/ft.
Very Stiff	- 16 to 30 blows/ft.
Hard	- 31 blows/ft. or more

Plasticity	
Degree of Plasticity	Plasticity Index
None to Slight	0 - 4
Slight	5 - 7
Medium	8 - 22
High to Very High	over 22

Classification on logs are made by visual inspection of samples unless otherwise undicated.

Standard Penetration Test - Driving a 2.0" O.D., 1-3/8" I.D. split-spoon sampler a distance of 12 inches into undisturbed soil with a 140 pound hammer free falling a distance of 30 inches. The sample is initially driven 6 inches to penetrate into undisturbed soil, then the test is performed. The number of hammer blows for seating the spoon and making the test are recorded for each 6 inches of penetration on the boring log (Example: 6-8-9). The standard penetration test N-value can be obtained by adding the last two figures (i.e. 8+9=17 blows/ft.). (ASTM D-1586)

Strata Changes - In the column "Material Description" on the boring log, the horizontal lines represent strata changes. A solid line (___) represents an actually observed change, a dashed line (- - - -) represents an estimated change.

Ground Water observations were made at the times indicated. Porosity of soil strata, weather conditions, site topography, etc. may cause changes in the water levels indicated on the logs.

VATC

Vanceburg (Relocation)

DIRECTIONS TO SITE

From the County Seat, go through Vanceburg on Hwy 9 for approximately 6 miles to the Community of Charters. Look for Charters, KY sign. Immediately turn right onto the blacktop road named Old Charters Road. Proceed for .3 mile. Access road is located on right. Gate is locked. The combination is for the lock is #1152. Directions provided by Scott A. Farr 502.240.0044 ext. 39 or 404.376.6909.

Ex-VB

407

MEMORANDUM OF OPTION AND LEASE AGREEMENT

402

THIS MEMORANDUM OF OPTION AND LEASE AGREEMENT (hereinafter the "Memorandum") is made and entered into effective the 15th day of April, 1994, by and between **HARRY HARVEY DENHAM AND ANNE S. DENHAM,** husband and wife, and **THOMAS MALLORY DENHAM AND TAMARA H. DENHAM,** husband and wife, with a mailing address of c/o Mallory Denham, Ellington's Supply, 321 2nd Street, Mayville, Lewis County, Kentucky 41056 (hereinafter collectively the "Grantor"), and **BELLSOUTH MOBILITY INC,** 231 Whittington Road, Louisville, Jefferson County, Kentucky 40222 (hereinafter the "Grantee").

W I T N E S S E T H:

WHEREAS, on April 15, 1994, Grantor and Grantee entered into an Option and Lease Agreement (hereinafter the "Agreement"), which contains an option for Grantee to lease a portion of that certain real property located in Lewis County, Kentucky, and more fully described on Exhibit "A" hereto, which was conveyed to Grantor by deed dated June 8, 1976 and of record in Deed Book 126, Page 554, Lewis County Clerk's Office (the "Property"), and which leased portion of the Property is more fully described on Exhibit "B" hereto (the "Leased Property");

WHEREAS, the Grantor and Grantee have agreed to execute and record this Memorandum for the purpose of notice to all interested parties of the essential terms of the above described Agreement;

NOW, KNOW ALL MEN BY THESE PRESENTS, that Grantor and Grantee have entered into the Agreement whereby Grantor has granted, and does hereby grant, Grantee an exclusive option to lease the Leased Property upon the terms set forth in the Agreement.

The term of Grantee's lease of the Leased Property shall commence on the date Grantee exercises its option to lease the Leased Property, which must occur on or before April 14, 1995, and shall terminate five (5) years thereafter, provided, however, Grantee may extend the lease for four (4)

RETURN TO

additional five (5) year terms, and thereafter shall automatically renew for consecutive one (1) year terms until terminated by either party.

All other terms and conditions of the Agreement are incorporated herein by reference thereto as if the same were set forth in full in this Memorandum. Any inconsistency or ambiguity between the terms of this Memorandum and the Agreement shall be resolved in favor of and in accordance with the terms of the Agreement.

Anne S. Denham and Tamara H. Denham, by their signatures below, also hereby join as lessors under the Agreement and ratify the terms thereof and agree to be bound thereby to the extent of their interest in the property.

IN WITNESS WHEREOF, the parties hereto have hereunto executed this Memorandum to be effective as of the date and year first above written.

GRANTOR:

HARRY HARVEY DENHAM

ANNE S. DENHAM

THOMAS MALLORY DENHAM

TAMARA H. DENHAM

GRANTEE:

BellSouth Mobility Inc

BY:_____

TITLE:_____

404 STATE OF KENTUCKY
COUNTY OF LEWIS

Acknowledged and executed before me by Harry Harvey Denham and Anne S. Denham, husband and wife, and Thomas Mallory Denham and Tamara H. Denham, husband and wife, on this the 25th day of July, 1997.

My commission expires: 4-1-2001.

Leslie Anne Walton
NOTARY PUBLIC

LESLIE ANNE WALTON
Notary Public, Kentucky State at Large
My Commission Expires April 1, 2001

STATE OF Kentucky
COUNTY OF Jefferson

Acknowledged and executed before me by Michael Dobbs as Gen. Mgr. - Ky. of, and for and on behalf of, BellSouth Mobility Inc, on this the 21st day of August, 1997.

My Commission Expires Mar. 14, 1999

My commission expires: _____.

Becky M. Robinson
NOTARY PUBLIC

This instrument was prepared by:

STOLL, KEENON & PARK, LLP
201 E. Main Street, Suite 1000
Lexington, Kentucky 40507
(606) 231-3000

BY: _____
Dan M. Rose

SUPLEMENT TO EXHIBIT J

PORTION OF THE FULL AGREEMENT ON ABANDONMENT

Surrender of Property. Upon expiration or termination of this Lease, Lessee shall, within sixty (60) days, remove its building(s), tower, and all above ground fixtures and restore the Leased Premises to its original condition, reasonable wear and tear excepted.

CERTIFICATION OF NOTIFICATION LIST - EXHIBIT K

PSC CASE NO: 99-433 CROWN REFERENCE: KY 258 VANCEBURG

1)

Harry and Mallory Denham
123 Second Street
Maysville, KY 41056

EXHIBIT L
COPY OF PROPERTY OWNER NOTIFICATION

October 29, 1999

Mallory and Harry Denham
123 Second Street
Vanceburg, Kentucky 41056

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-433
Our Site No.: KY258 - Vanceburg

Dear Mallory and Harry:

Crown Communication Inc. and Kentucky CGSA, Inc. d/b/a BellSouth Mobility, Inc. have applied to the Public Service Commission of Kentucky ("Commission") for a Certificate of Public Convenience and Necessity to replace an existing tower; and construct and operate a new facility to provide wireless telecommunication services. The facility will include a 370-foot tower with appurtenances attached to a maximum height of 395 feet, and a ground level equipment shelter to be located at Old Highway 10, Vanceburg, KY 41056. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval, and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the Commission must be received by the Commission within 20 days of the date of this letter. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-433 in your correspondence.

Feel free to contact me at (502) 240-0044 ext. 52, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.

Lloyd McCarthy
For Crown Communication Inc.

EXHIBIT M
COPY OF JUDGE EXECUTIVE NOTICE

October 29, 1999

George Plummer
Lewis County Judge Executive
514 Second Street
Vanceburg, KY 41179

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-433
Our Site No.: KY 258- Vanceburg

Honorable Judge:

Crown Communication Inc. and Kentucky CGSA, Inc. d/b/a BellSouth Mobility, Inc. have applied to the Public Service Commission of Kentucky ("Commission") for a Certificate of Public Convenience and Necessity to replace an existing tower; and construct and operate a new facility to provide wireless telecommunication services. The facility will include a 370-foot tower with appurtenances attached to a maximum height of 395 feet, and a ground level equipment shelter to be located at Old Highway 10, Vanceburg, KY 41056. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you are the Judge Executive of Lewis County.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the Commission must be received by the Commission within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-433 in your correspondence.

Feel free contact me at (502) 240-0044 ext. 52, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.

Lloyd McCarthy
For Crown Communication Inc.

Copies of Posting Notices

Crown Communication, Inc proposes to construct a

TELECOMMUNICATIONS TOWER

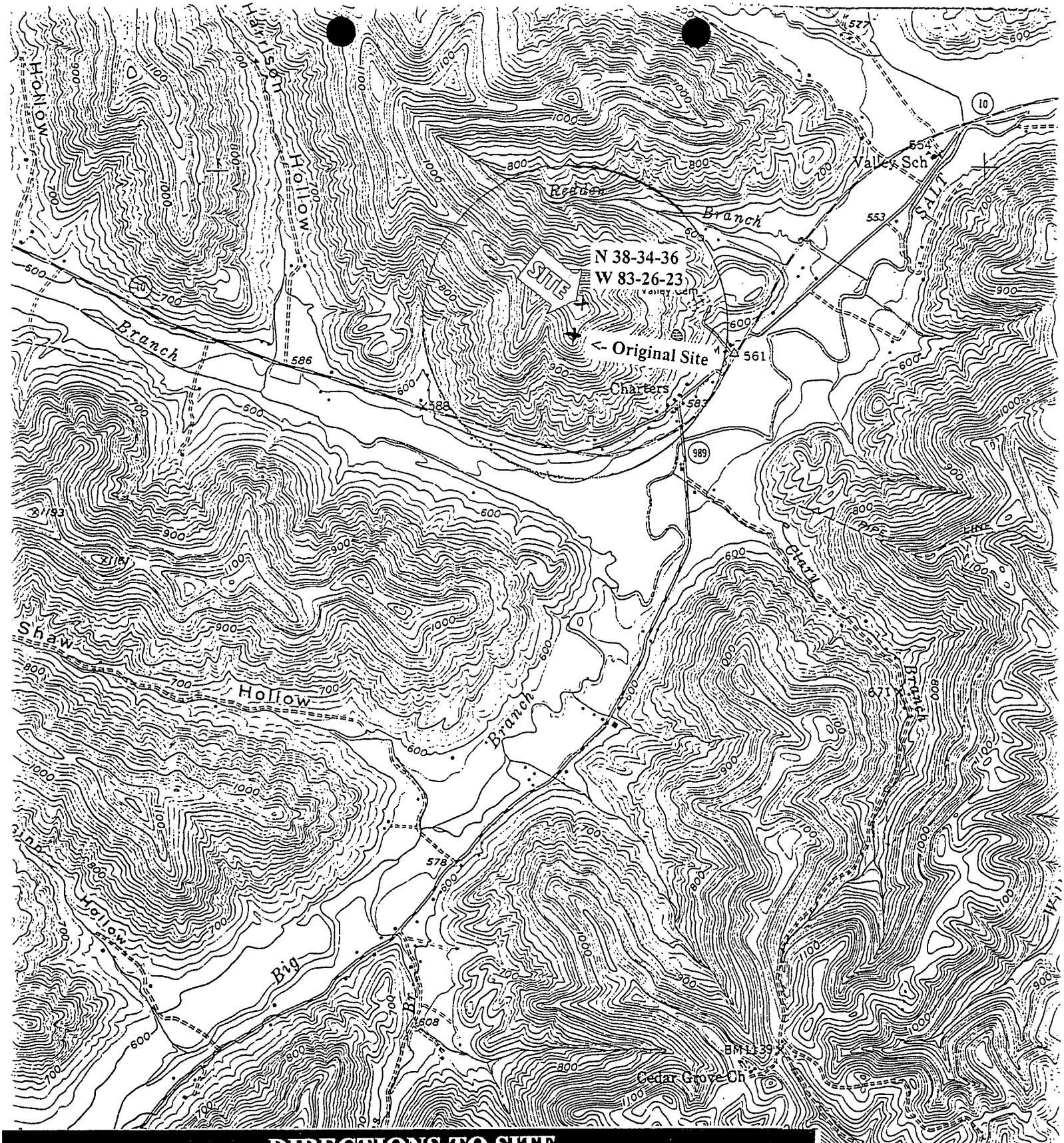
on this site. If you have questions, please contact the General Manager, Crown Communication, Inc., 11001 Bluegrass Parkway, Suite 330, Louisville, KY 40299, (502) 240-0044 or the Executive Director, Public Service Commission, 730 Schenkel Lane, P.O. Box 615, Frankfort, KY 40602.
Please refer to Case # 99-433 in your correspondence.

Crown Communication, Inc., proposes to construct a

TELECOMMUNICATIONS TOWER

near this site. If you have questions, please contact the General Manager, Crown Communication, Inc., 11001 Bluegrass Parkway, Suite 330, Louisville, KY 40299, (502) 240-0044 or the Executive Director, Public Service Commission, 730 Schenkel Lane, P.O. Box 615, Frankfort, KY 40602.
Please refer to Case # 99-433 in your correspondence.

EXHIBIT O
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

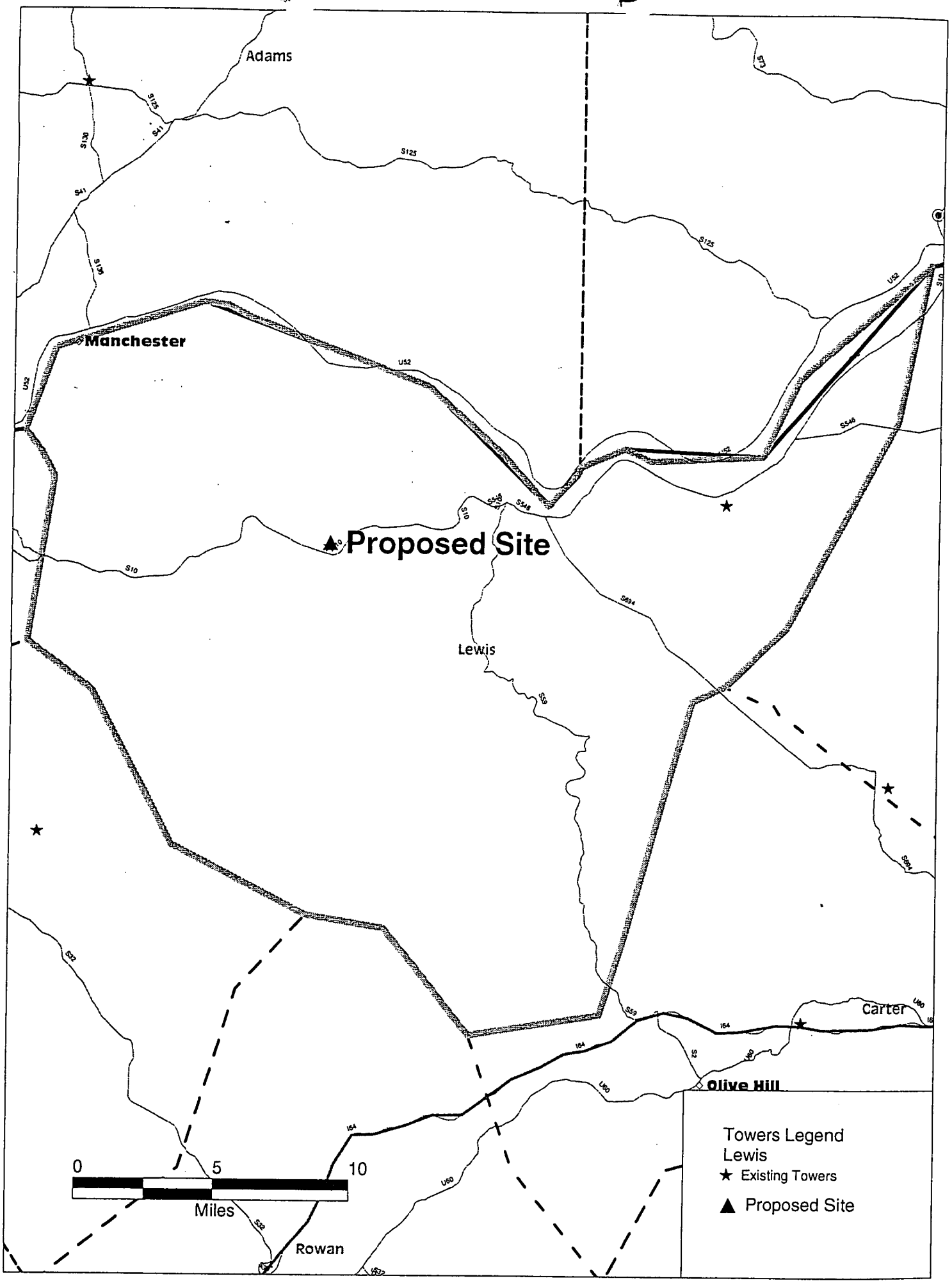


DIRECTIONS TO SITE

From the County Seat, go through Vanceburg on Hwy 9 for approximately 6 miles to the Community of Charters. Look for Charters, KY sign. Immediately turn right onto the blacktop road named Old Charters Road. Proceed for .3 mile. Access road is located on right. Gate is locked. The combination is for the lock is #1152. Directions provided by Scott A. Farr 502.240.0044 ext. 39 or 404.376.6909.

CHARTERS, KY.
SW/4 VANCEBURG 15' QUADRAN
38083-E4-TF-024
PHOTOINSPECTED 1983
1949
PHOTOREVISED 1978
DMA 4361 III SW-SERIES V

EXHIBIT P
TOWER MAP FOR SUBJECT COUNTY


Adams
Manchester
Proposed Site
Lewis
Carter
Olive Hill
Rowan
0
5
10
Miles
Towers Legend
Lewis
★ Existing Towers
▲ Proposed Site