

**CASE  
NUMBER:**

99-009

HISTORY INDEX FOR CASE: 99-009

AS OF : 10/22/99

KENTUCKY CGSA, INC., DBA BELLSOUTH MOBILITY, WESTEL-MILWAUKEE, BSC

Construct

CELL SITE - 4823 DIXIE HIGHWAY - LOUISVILLE

IN THE MATTER OF THE APPLICATION OF KENTUCKY CGSA, INC. FOR  
ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND  
NECESSITY TO CONSTRUCT AN ADDITIONAL CELL SITE IN  
LOUISVILLE, KENTUCKY FOR THE PROVISION OF DOMESTIC PUBLIC  
CELLULAR RADIO TELECOMMUNICATIONS SERVICE TO THE PUBLIC IN  
JEFFERSON COUNTY, KENTUCKY AND THE LOUISVILLE MSA

SEQ NBR	ENTRY DATE	REMARKS
0001	01/20/99	Application.
0002	01/22/99	Acknowledgement letter.
M0001	01/26/99	RUBY PARKER CITIZEN-REQUEST FOR INTERVENTION
0003	02/04/99	Order granting Ruby Parker intervention
0004	02/16/99	No def. letter
M0002	04/19/99	MRS RUBY PARKER CITIZEN-REQUEST FOR WITHDRAWAL FOR INTERVENTION
0005	06/02/99	FINAL ORDER GRANTING CONSTRUCTION
M0003	06/10/99	SAM MACNAMARA BELLSOUTH MOBILITY-FAA & KAZC DECISIONS

# McNAMARA & JONES

Attorneys at Law

Sam G. McNamara  
Charles E. Jones

P.O. Box 916  
315 High Street (40601)  
Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

June 8, 1999

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

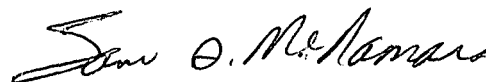
RECEIVED  
JUN 10 1999  
PUBLIC SERVICE  
COMMISSION

Re: CPCN Application  
4823 Dixie Highway  
Louisville, Jefferson County, KY  
PSC Case No. 99-009

Dear Ms. Helton:

In response to your Order dated June 2, 1999, granting a CPCN in the above referenced matter, enclosed are ten (10) copies of the final decisions of the FAA and KAZC.

Sincerely,



Sam G. McNamara

SGM/j

Enclosures

CC Kentucky CGSA, Inc.

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

AERONAUTICAL STUDY  
No: 99-ASO-1452-OE

ISSUED DATE: 05/10/99

DAN BENNETT  
BELLSOUTH MOBILITY  
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  
800-900 MHZ/100 WATTS, 6.000 GHZ/10 WATTS  
Location: LOUISVILLE KY  
Latitude: 38-10-17.19 NAD 83  
Longitude: 085-49-28.55  
Heights: 180 feet above ground level (AGL)  
634 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:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking and/or lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory Circular 70/7460-1J.

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



Kentucky Airport Zoning Commission  
125 Holmes Street  
Frankfort, KY 40622

(502) 564-4480  
fax: (502) 564-7953  
No.: AS-056-SDF-98-266

October 29, 1998

**APPLICATION NOT REQUIRED**

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

**SUBJECT: AS-056-SDF-98-266**

**STRUCTURE: ANTENNA TOWER  
LOCATION: Louisville, KY  
COORDINATES: 38°10'17"N / 85°49'28"W  
HEIGHT: 160' AGL/612' AMSL**

Your application has been returned to you for the reason that you are not required by the Commission regulations to have a permit to construct the structure described in the application.

However, if the height of the structure is increased to exceed 200 feet above ground level or 652 feet above mean sea level then a permit is required.

Ronald Bland, Administrator



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. 99-009  
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 June 2, 1999.

Parties of Record:

Ronald W. Burleson  
Manager, State Regulatory  
BellSouth Mobility, Inc.  
1100 Peachtree Street, N.E.  
Suite 14E06  
Atlanta, GA. 30309 4599

Honorable Sam G. McNamara  
Attorney at Law  
McNamara & Jones  
P. O. Box 916  
Frankfort, KY. 40602 0916

Ruby Parker  
4727 Walnut Grove Avenue  
Louisville, KY. 40216 2646

  
Secretary of the Commission

SB/sa  
Enclosure

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF KENTUCKY CGSA, INC. FOR )  
ISSUANCE OF A CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY TO CONSTRUCT )  
AN ADDITIONAL CELL SITE IN LOUISVILLE, )  
KENTUCKY FOR THE PROVISION OF DOMESTIC ) CASE NO. 99-009  
PUBLIC CELLULAR RADIO )  
TELECOMMUNICATIONS SERVICE TO THE )  
PUBLIC IN JEFFERSON COUNTY, KENTUCKY )  
AND THE LOUISVILLE MSA )

O R D E R

On January 20, 1999, Kentucky CGSA, Inc. d/b/a BellSouth Mobility, Inc. ("Kentucky CGSA") 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 monopole antenna tower not to exceed 180 feet in height, with attached antennas, to be located at 4823 Dixie Highway, Louisville, Jefferson County, Kentucky. The coordinates for the proposed facility are North Latitude 38° 10' 17.19" by West Longitude 85° 49' 28.55".

Kentucky CGSA 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 KRS 278.650, Kentucky CGSA submitted a proposal to the Louisville and Jefferson County Planning Commission ("Planning Commission") for the proposed construction. By letter dated December 18, 1998, the Planning Commission approved the proposal. Kentucky CGSA has 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.

Kentucky CGSA has 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. The Commission received comments from one property owner who requested and was granted intervention in this proceeding. The property owner later withdrew as an intervenor.

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, Kentucky CGSA 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 Kentucky CGSA.

The Commission, having considered the evidence of record and being otherwise sufficiently advised, finds that Kentucky CGSA has 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. Kentucky CGSA is granted a Certificate of Public Convenience and Necessity to construct a monopole antenna tower not to exceed 180 feet in height, with attached antennas, to be located at 4823 Dixie Highway, Louisville, Jefferson County, Kentucky. The coordinates for the proposed facility are North Latitude 38° 10' 17.19" by West Longitude 85° 49' 28.55".

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

3. Kentucky CGSA 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 2nd day of June, 1999.

By the Commission

ATTEST:

  
Executive Director

RECEIVED  
APR 19 1999  
PUBLIC SERVICE  
COMMISSION

April 6, 1999

Executive Director's Office  
Public Service Commission of Kentucky  
P.O. Box 615  
Frankfort, KY 40602

Re: Case No. 99-009

WITHDRAWEL OF REQUEST FOR INTERVENTION

To Whom It May Concern:

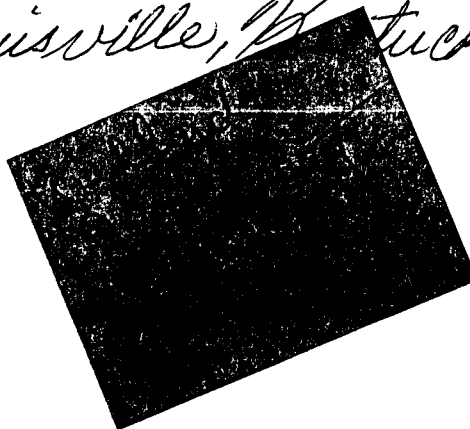
This will serve as an official withdrawel of my letter dated January 25, 1999, requesting intervention in Case No. 99-009. Thank you very much for your attention to this matter.

Sincerely,

Ruby Parker

*Mrs. Ruby Parker,  
4727 Walnut Grove Ave.,  
Louisville, Kentucky, 40216,*

*PK.#  
(502)448-3453*





COMMONWEALTH OF KENTUCKY  
**PUBLIC SERVICE COMMISSION**

730 SCHENKEL LANE  
POST OFFICE BOX 615  
FRANKFORT, KY. 40602  
(502) 564-3940

February 16, 1999

Ronald W. Burleson  
Manager, State Regulatory  
BellSouth Mobility, Inc.  
1100 Peachtree Street, N.E.  
Suite 14E06  
Atlanta, GA. 30309 4599

Honorable Sam G. McNamara  
Attorney at Law  
McNamara & Jones  
P. O. Box 916  
Frankfort, KY. 40602 0916

Ruby Parker  
4727 Walnut Grove Avenue  
Louisville, KY. 40216 2646

RE: Case No. 99-009  
KENTUCKY CGSA, INC. D/B/A BELLSOUTH CELLULAR CORP.

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,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell  
Secretary of the Commission

SB/sa  
Enclosure

99-00756

# MCNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

Sam G. McNamara  
Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

January 20, 1999

**HAND DELIVERED**

Ms. Helen C. Helton, Executive Director  
Kentucky Public Service Commission  
730 Schenkel Lane  
Frankfort, Kentucky 40602

Re: CPCN Application  
4823 Dixie Highway  
Louisville, Jefferson County, KY  
PSC Case No. 99-009

**RECEIVED**

JAN 20 1999

**PUBLIC SERVICE  
COMMISSION**

**FILED**

JAN 20 1999

**PUBLIC SERVICE  
COMMISSION**

Dear Ms. Helton:

Enclosed is the original and five (5) copies of an Application of Kentucky CGSA, Inc. for the issuance of a Certificate of Public Convenience and Necessity to construct an additional cell site at 4823 Dixie Highway, Louisville, Jefferson County, Kentucky, for the provision of domestic public cellular radio telecommunications service to the public in the Louisville MSA.

If you have any questions or need additional information, please advise.

Yours truly,



Sam G. McNamara

SGM/j

CC Kentucky CGSA, Inc.



COMMONWEALTH OF KENTUCKY  
**PUBLIC SERVICE COMMISSION**

730 SCHENKEL LANE  
POST OFFICE BOX 615  
FRANKFORT, KY. 40602  
(502) 564-3940

February 4, 1999

Ronald W. Burleson  
Manager, State Regulatory  
BellSouth Mobility, Inc.  
1100 Peachtree Street, N.E.  
Suite 14E06  
Atlanta, GA. 30309 4599

Honorable Sam G. McNamara  
Attorney at Law  
McNamara & Jones  
P. O. Box 916  
Frankfort, KY. 40602 0916

Ruby Parker  
4727 Walnut Grove Avenue  
Louisville, KY. 40216 2646

RE: Case No. 99-009

We enclose one attested copy of the Commission's Order in  
the above case.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell  
Secretary of the Commission

SB/sa  
Enclosure

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF KENTUCKY CGSA, INC. FOR )  
ISSUANCE OF A CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY TO CONSTRUCT )  
AN ADDITIONAL CELL SITE IN LOUISVILLE, ) CASE NO.  
KENTUCKY FOR THE PROVISION OF ) 99-009  
DOMESTIC PUBLIC CELLULAR RADIO )  
TELECOMMUNICATIONS SERVICE TO THE )  
PUBLIC IN JEFFERSON COUNTY, KENTUCKY )  
AND THE LOUISVILLE MSA )

O R D E R

This matter arising upon the motion of Ruby Parker, filed January 26, 1999, for full intervention, and it appearing to the Commission that Ms. Parker has a special interest which is not otherwise adequately represented, and that such intervention is likely to present issues and develop facts that will assist the Commission in fully considering the matter without unduly complicating or disrupting the proceedings, and this Commission being otherwise sufficiently advised,

IT IS HEREBY ORDERED that:

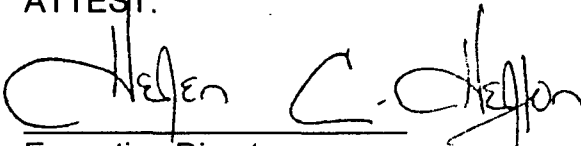
1. The motion of Ruby Parker to intervene is granted.
2. Ms. Parker shall be entitled to the full rights of a party and shall be served with the Commission's Orders and with filed testimony, exhibits, pleadings, correspondence, and all other documents submitted by parties after the date of this Order.

3. Should Mr. Parker file documents of any kind with the Commission in the course of these proceedings, she shall also serve a copy of said documents on all other parties of record.

Done at Frankfort, Kentucky, this 4th day of February, 1999.

By the Commission

ATTEST:

  
Executive Director

**RUBY PARKER**

**RECEIVED**

**JAN 26 1999**

**PUBLIC SERVICE  
COMMISSION**

**4727 Walnut Grove Avenue  
Louisville, KY 40216-2646**

January 25, 1999

Executive Director's Office  
Public Service Commission of Kentucky  
P O Box 615  
Frankfort, KY 40602

Re: Case No. 99-009

**REQUEST FOR INTERVENTION**

To Whom It May Concern:

This will acknowledge receipt of a Certified letter dated January 19, 1999 from Sam G. McNamara, Attorney for Kentucky CGSA, Inc.

I very much oppose the construction of a 180' monopole tower to provide cellular radio telecommunication service to be located at 4823 Dixie Highway.


A friend of mine had a similar tower built in his neighborhood in the Germantown area of Louisville and it interferes directly with his portable telephone service. It constantly causes static where it is impossible to carry on a conversation and occasionally it even cuts the call off completely. Also, he has had instances where he has been patched into someone else's line and can hear their conversation. When there is a lot of static, he has to physically relocate himself in his own home to get decent reception. It clears up temporarily and interference begins again. During a single conversation, he has had to change channels 3-4 times. I have been on the other end of some of these conversations and it is very annoying. He and I pay for good telephone service and we should not be denied uninterrupted, clear service in order for another type of service to cellular users.

It appears to me that other locations should be considered where it would not interfere with property owners' rights to their individual communications.

You stipulate in your letter you will "not consider the character of the installation on nearby land uses and values...". This letter of request of intervention relates only to the fact that those of use who use portable telephones are unable at times to use our telephones, and has nothing to do with land uses and values. I do not believe the "few" should be punished in order for others to be able to utilize cellular service.

I should like to be kept up to date as to the status of this case.

Sincerely,

  
Ruby Parker





COMMONWEALTH OF KENTUCKY  
**PUBLIC SERVICE COMMISSION**

730 SCHENKEL LANE  
POST OFFICE BOX 615  
FRANKFORT, KY. 40602  
(502) 564-3940

January 22, 1999

Ronald W. Burleson  
Manager, State Regulatory  
BellSouth Mobility, Inc.  
1100 Peachtree Street, N.E.  
Suite 14E06  
Atlanta, GA. 30309 4599

Honorable Sam G. McNamara  
Attorney at Law  
McNamara & Jones  
P. O. Box 916  
Frankfort, KY. 40602 0916

RE: Case No. 99-009  
KENTUCKY CGSA, INC. D/B/A BELLSOUTH CELLULAR CORP.  
(Construct) CELL SITE - 4823 DIXIE HIGHWAY - LOUISVILLE

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received January 20, 1999 and has been assigned Case No. 99-009. 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,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell  
Secretary of the Commission

SB/jc

99-00056

**McNAMARA & JONES**

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

January 20, 1999

**HAND DELIVERED**

Ms. Helen C. Helton, Executive Director  
Kentucky Public Service Commission  
730 Schenkel Lane  
Frankfort, Kentucky 40602

Re: CPCN Application  
4823 Dixie Highway  
Louisville, Jefferson County, KY  
PSC Case No. 99-009

Dear Ms. Helton:

Enclosed is the original and five (5) copies of an Application of Kentucky CGSA, Inc. for the issuance of a Certificate of Public Convenience and Necessity to construct an additional cell site at 4823 Dixie Highway, Louisville, Jefferson County, Kentucky, for the provision of domestic public cellular radio telecommunications service to the public in the Louisville MSA.

If you have any questions or need additional information, please advise.

Yours truly,



Sam G. McNamara

SGM/j

CC Kentucky CGSA, Inc.

**RECEIVED**

JAN 20 1999

PUBLIC SERVICE  
COMMISSION

**FILED**

JAN 20 1999

PUBLIC SERVICE  
COMMISSION

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

JAN 20 1999

PUBLIC SERVICE  
COMMISSION

In the matter of:

APPLICATION OF KENTUCKY CGSA, INC. )  
 FOR ISSUANCE OF A CERTIFICATE OF )  
 PUBLIC CONVENIENCE AND NECESSITY )  
 TO CONSTRUCT AN ADDITIONAL CELL )  
 SITE IN LOUISVILLE, KENTUCKY ) CASE NO. 99-009  
 FOR THE PROVISION OF DOMESTIC )  
 PUBLIC CELLULAR RADIO )  
 TELECOMMUNICATIONS SERVICE TO THE )  
 PUBLIC IN JEFFERSON COUNTY, )  
 KENTUCKY AND THE LOUISVILLE MSA )

APPLICATION FOR CERTIFICATE OF  
PUBLIC CONVENIENCE AND NECESSITY

Kentucky CGSA, Inc. ("KYCGSA") applies for a Certificate of Public Convenience and Necessity to construct and operate an additional cell site to serve the customers of its cellular radio telecommunications system in the Louisville, Kentucky Metropolitan Statistical Area (the "Louisville MSA").

In support of this application, KYCGSA respectfully states that:

1. Its complete name, address and telephone number are:  
 Kentucky CGSA, Inc., 1100 Peachtree Street, N.E., Suite 14E06,  
 Atlanta, Georgia 30309-4599, (404) 249-0455.

2. Prior and subsequent to the divestiture of AT&T and since its creation on September 8, 1983, BellSouth Mobility Inc ("BMI") has undertaken a number of cellular business activities, including making provisions for the filing of applications seeking authorization to construct and operate cellular systems. The FCC required, in its cellular orders, that AT&T form a separate subsidiary if it desired to engage in the provision of cellular service. This requirement continues to be imposed upon the divested Bell Operating Companies even though

these companies are no longer associated with AT&T.

3. BMI is the parent company of KYCGSA and was incorporated on September 8, 1983. The name was changed to Kentucky CGSA, Inc. to more accurately reflect the statewide operations of this corporation. Applicant was incorporated on February 7, 1984, as a wholly-owned subsidiary of BMI. The Articles of Incorporation and all Amendments thereto of BMI are on file with the Public Service Commission as part of Case No. 90-404. The Articles of Incorporation and all Amendments thereto of KYCGSA are on file with the Public Service Commission as part of Case No. 90-357.

4. KYCGSA proposes to construct a cellular radio telecommunications facility in Jefferson County (the "Cell Site"). The Cell Site will be comprised of a 170' monopole with nine (9) antennas for a total height of 180' and a 12' x 28 equipment shelter to house radio equipment. The entire Cell Site area will be fenced. The site for the proposed tower is presently vacant property, is cleared and will have all utilities available. The site is zoned M-2 Industrial and its present use is for a commercial building. A Topographical Survey; Description of the Lease Area which includes the metes and bounds description of the Site and existing structures on the property; centerline description of 20' access easement; and Vicinity Map (signed and sealed by a professional engineer registered in Kentucky) is attached hereto and labeled **Exhibit A**. A Site Elevation and Site Plan labeled **Exhibit B** is attached hereto. Applicant is only providing three (3) signed originals and four (4) reduced copies of the above maps because of the difficulty of reproducing large prints.

5. The public convenience and necessity require the construction

of this additional Cell Site. The Cell Site will improve service to KYCGSA's current customers in that transmission and reception within the area to be covered by the Cell Site will be substantially improved. The Cell Site will also increase the system's capacity to meet the increasing demands for cellular service in the Louisville MSA. This Commission has already granted KYCGSA authority to provide cellular service within the Louisville MSA.

6. Because the proposed Cell Site will serve only Louisville MSA, no further approvals by the Federal Communications Commission ("FCC") are required. See 47 C.F.R. Section 22.9(d)(7)(ii)(1987) (allowing without prior approval, "[a] change to or addition of a cell site as long as the composite 39 dBu contours remain totally within the cellular geographic service area"). Notice of the completion of the Cell Site will be given to the FCC prior to any signal transmission from the Cell Site, as required by 47 C.F.R. Section 22.9(d). A copy of the current FCC Radio Station Authorization for KYCGSA is labeled **Exhibit C** hereto.

7. A copy of the Application for Permit to Construct a Structure submitted to the Kentucky Transportation Cabinet, Office of Aeronautics, Frankfort, Kentucky and Notice of Proposed Construction or Alteration to the FAA is attached hereto labeled as composite **Exhibit D**. Written approval from the FAA has not been received by KY CGSA; however, said approval will be provided as supplemental information to this Application upon receipt.

8. On October 29, 1998, the Proposal for the construction of this tower was hand delivered to the Jefferson County Division of Planning and Development Services, 900 Fiscal Court Building, Louisville,

Kentucky 40202-3396. A copy of said Proposal is attached as **Exhibit E**. In correspondence dated December 18, 1998, the Jefferson County Department of Planning and Environmental Management determined that the proposed construction was in accordance with the Comprehensive Plan, and the Planning Commission, approved the Proposal. A copy of said approval letter is attached hereto as **Exhibit F**.

9. The Cell Site will be located at 4823 Dixie Highway, Louisville, Jefferson County, Kentucky. The Cell Site's coordinates are: Latitude: North 38-10-17.19 and Longitude: West 85-49-28.55.

10. A list of the property owners located within a 500' radius of the proposed tower and a copy of the Notice dated January 19, 1999, as mailed to said property owner via certified mail, return receipt requested, is attached as **Exhibit G**.

11. On January 18, 1999, a Notice of the location of the proposed construction was published in **THE COURIER-JOURNAL**, a newspaper of general circulation in Jefferson County, Kentucky, the county in which the construction is proposed. Said publication contained the language stipulated in 807 KAR 5:063, Section 2(1).

12. In order to get to the site, use the following directions: In Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address.

13. The Cell Site is to be leased from Mary Lou and Jesse Rippy, Jr., 4823 Dixie Highway, Louisville, Kentucky 40216. A copy of the Lease is labeled **Exhibit H** hereto.

14. The Applicant has considered the likely effects of the installation on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate service to the area can be provided. There are no existing or suitable towers or multiple wireless service providers' facilities located in the area on which co-location could occur.

15. The Applicant has complied with the posting requirements of 807 KAR 5:063(1)(p). Two (2) written notices at least 2' x 4' in size have been posted and will remain posted for at least two (2) weeks after this Application is filed. One notice is posted **on the site** and states as follows:

"Kentucky CGSA, Inc. proposes to construct a cellular communications monopole **on this site**. If you have any questions, please contact:

Real Estate Manager  
BellSouth Mobility Inc  
1650 Lyndon Farms Court  
Louisville, Kentucky 40223

or

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

The Public Service Commission in its review of the proposed construction shall not consider the character of the general area concerned or the likely effects of the installation on nearby land uses and values, as these matters are decided by the local planning unit."

One notice is posted **on the nearest public road** and states as follows:

"Kentucky CGSA, Inc. proposes to construct a cellular communications tower **near this site**. If you have any questions, please contact:

Real Estate Manager

BellSouth Mobility Inc  
1650 Lyndon Farms Court  
Louisville, Kentucky 40223

or

Executive Director  
The Public Service Commission  
730 Schenkel Lane  
P.O. Box 615  
Frankfort, Kentucky 40602"

The Public Service Commission in its review of the proposed construction shall not consider the character of the general area concerned or the likely effects of the installation on nearby land uses and values, as these matters are decided by the local planning unit."

The notices referred to Case No. 99-009, and the word "MONOPOLE" was printed in letters at least 4" high.

16. According to the latest estimates, the cost of constructing the cell site will be \$777,708.00, and the cost which KYCGSA will incur in operating this site for the first year will be \$130,000.00.

17. This construction will be financed through revenue generated by operating the cellular system and capital contributions from the corporation.

18. The Communication Pole Record Drawings, signed and sealed by a Professional Engineer registered in the Commonwealth of Kentucky, are attached to this Application and labeled **Exhibit I**. The proposed tower will be constructed in accordance with the applicable standard for the State of Kentucky as will be certified in **Exhibit I**.

19. The Report of Subsurface Exploration and Foundation Recommendations, signed and sealed by a professional engineer registered in Kentucky, is attached as **Exhibit J**.

20. Correspondence or communications regarding this Application should be addressed to:



Ronald W. Burleson  
Manager, State Regulatory  
BellSouth Mobility Inc  
1100 Peachtree Street, N.E.  
Suite 14E06  
Atlanta, Georgia 30309-4599

with copies to:

Sam G. McNamara  
315 High Street  
P.O. Box 916  
Frankfort, Kentucky 40602

**WHEREFORE,** KYCGSA requests that the Commission, pursuant to KRS 278.020, grant a Certificate of Public Convenience and Necessity to KYCGSA for construction and operation of the proposed Cell Site and providing for such other relief as is necessary and appropriate.

Respectfully submitted,



---

**SAM G. MCNAMARA**  
McNamara & Jones  
315 High Street  
P.O. Box 916  
Frankfort, Kentucky 40602  
(502) 875-8808

SCHEDULE OF EXHIBITS

- EXHIBIT A** Topographical Survey and Vicinity Map
- EXHIBIT B** Site Elevation, Site Plan and Vicinity Map
- EXHIBIT C** FCC Radio Station Authorization
- EXHIBIT D** Application for Permit to Construct a Structure submitted to the Kentucky Transportation Cabinet, Office of Aeronautics, Frankfort, Kentucky and Notice of Proposed Construction or Alteration to the FAA
- EXHIBIT E** Proposal to the Jefferson County Division of Planning and Development Services
- EXHIBIT F** Proposal Approval Letter from the Jefferson County Division of Planning and Development Services
- EXHIBIT G** List of Property Owners located within a 500' Radius of Proposed Tower and Notice as sent via certified mail, return receipt requested
- EXHIBIT H** Lease between Mary Lou Rippy and Jesse Rippy, Jr. and BellSouth Mobility Inc
- EXHIBIT I** Communication Pole Drawings
- EXHIBIT J** Report of Subsurface Exploration and Foundation Recommendations

J149/CPCNLOU



# INDEX OF DRAWINGS

- 1.1 TOPOGRAPHICAL SURVEY
- A1.1 SITE and ELEVATION PLAN

REVIEW  
ON PLAN

# WINGS

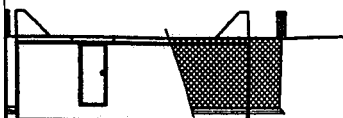
BELL SOUTH MC  
-LOUISVILLE - ROCKF  
-LOUISVILLE, KENTUC

801  
LOUIS

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JRVEY  
ION PLAN

**WINGS**

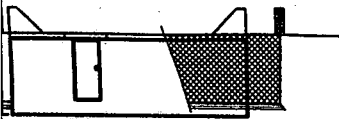


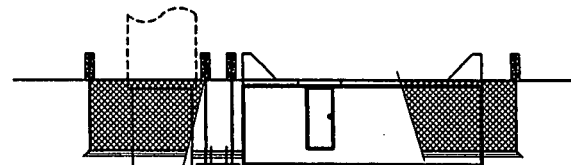
# MOBILITY DCKFORD II NTUCKY

# ZONING DOCUMENT

801 BARRET AVE.  
LOUISVILLE, KENTUCKY 40204

NOLAN AND NOLAN INC  
architects



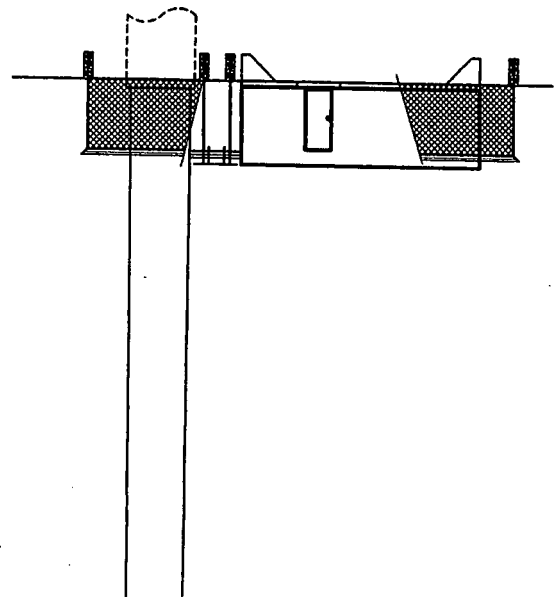
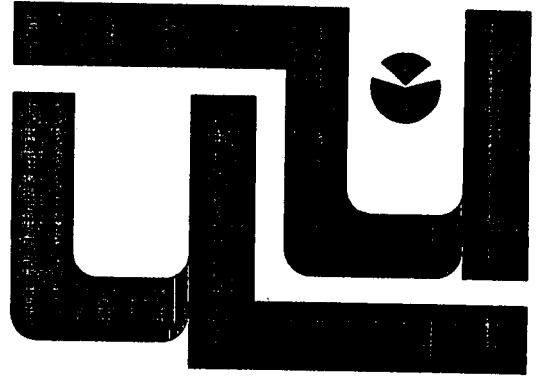


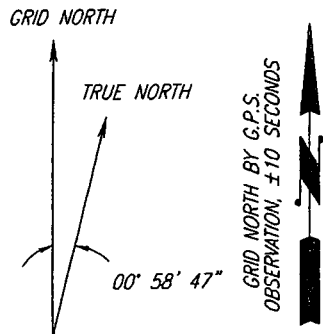
RECEIVED  
JAN 20 1999  
PUBLIC SERVICE  
COMMISSION



UMENTS

AIA





NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM, NORTH ZONE AND WAS DETERMINED BY COMPUTATION FROM G.P.S. OBSERVATION ON SEPTEMBER 15, 1998.

**FLOOD INFORMATION**

I HAVE REVIEWED THE FLOOD INSURANCE RATE MAPS (FIRM) MAP NO. 210122 135 DATED 2-2-92 AND THE LEASE AREA DOES NOT APPEAR TO BE IN A FLOOD PRONE AREA. THE LEASE AREA IS LOCATED IN ZONE X.

**DIRECTIONS TO SITE**

In Louisville take I-264 west to Hwy. 60 & 31W (Dixie Hwy., Exit #84) go south on Dixie Hwy. approximately 1 mile to 4823 Dixie Hwy. The site is located in the very rear of Dixie Florist located at this address.

**BENCHMARK**

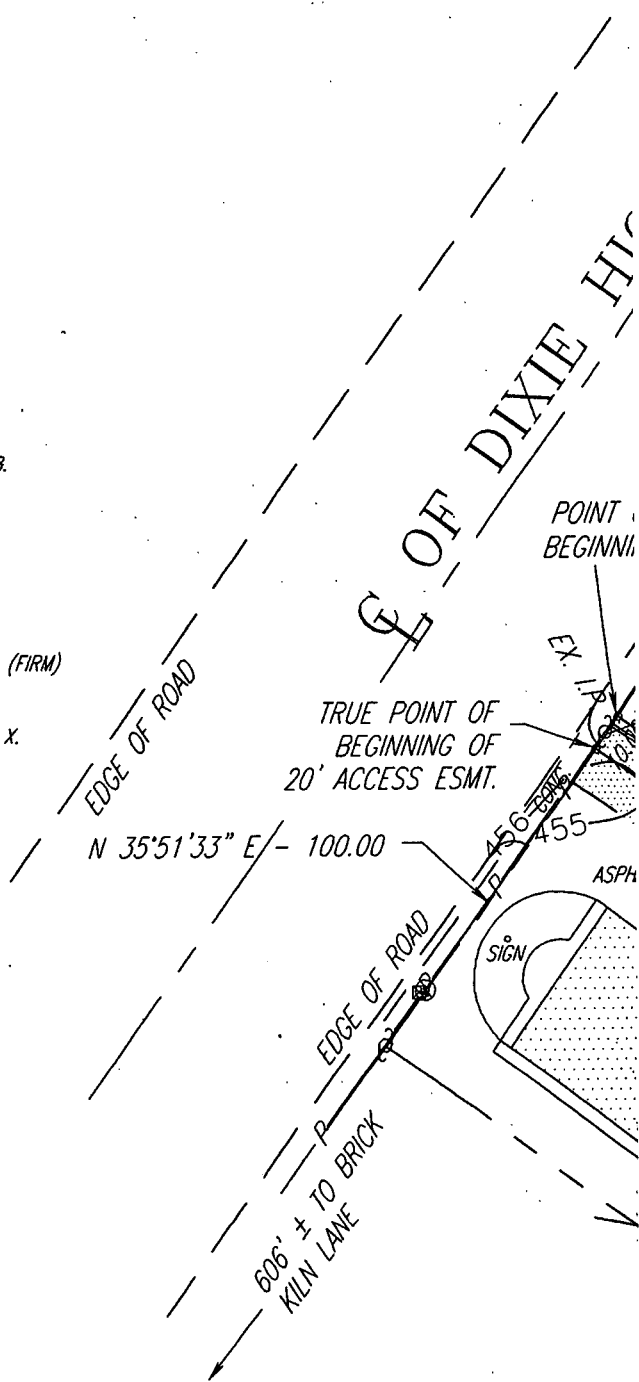
NORTH: 248575.36  
EAST: 1187529.63  
ELEVATION: 456.57  
LOCATION: SET SPIKE IN POWER POLE DESIGNATED AS 40647 LGE 85157 LOCATED 5' S.W. FROM N.W. CORNER OF PARENT TRACT.

**SYMBOL LEGEND**

- ⊕ WOOD POWER POLE
- CONCRETE POWER POLE
- ⊗ METAL TRAFFIC POLE
- ⊛ LIGHT POLE
- ⊙ GUY POLE
- ⊠ TELEPHONE PEDESTAL
- ⊕ SANITARY SEWER MANHOLE
- ⊕ WATER VALVE
- ⊕ WATER METER

**ABBREVIATIONS**

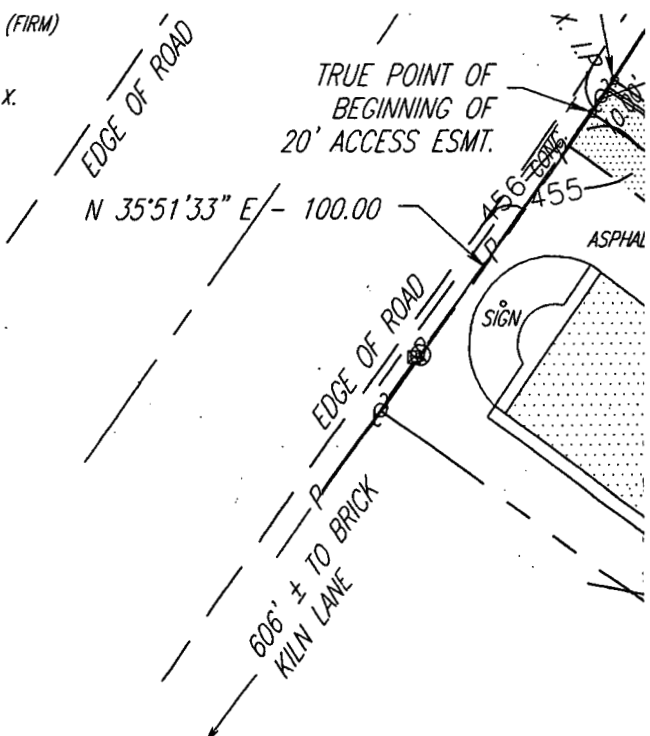
- EP EDGE OF PAVEMENT
- ROW RIGHT OF WAY
- ⊕ CENTERLINE



**△ SITE LOCATION**  
NORTH AMERICAN DATUM 1983  
LAT: 38° 10' 16."55  
LONG: 85° 49' 28."09  
NORTH AMERICAN VERTICAL DATUM  
ELEV: 452.4' AMSL

**△ SITE LOCATION**  
NORTH AMERICAN DATUM 1927  
LAT: 38° 10' 16."29  
LONG: 85° 49' 28."22

I HAVE REVIEWED THE FLOOD INSURANCE RATE MAPS (FIRM) MAP NO. 210122 135 DATED 2-2-92 AND THE LEASE AREA DOES NOT APPEAR TO BE IN A FLOOD PRONE AREA. THE LEASE AREA IS LOCATED IN ZONE X.



**DIRECTIONS TO SITE**

In Louisville take I-264 west to Hwy. 60 & 31W (Dixie Hwy., Exit #84) go south on Dixie Hwy. approximately 1 mile to 4823 Dixie Hwy. The site is located in the very rear of Dixie Florist located at this address.

**BENCHMARK**

NORTH: 248575.36  
 EAST: 1187529.63  
 ELEVATION: 456.57  
 LOCATION: SET SPIKE IN POWER POLE DESIGNATED AS 40647 LGE 85157 LOCATED 5' S.W. FROM N.W. CORNER OF PARENT TRACT.

**SYMBOL LEGEND**

- ⊕ WOOD POWER POLE
- CONCRETE POWER POLE
- ⊙ METAL TRAFFIC POLE
- ⊛ LIGHT POLE
- ⊘ GUY POLE
- ⊠ TELEPHONE PEDESTAL
- ⊙ SANITARY SEWER MANHOLE
- ⊕ WATER VALVE
- ⊙ WATER METER
- ⊕ FIRE HYDRANT
- ⊙ DRAIN SEWER MANHOLE
- ⊠ ELECTRIC BOX
- GUY ANCHOR
- F.P. FENCE POST
- ⊕ SET #5 REBAR (UNLESS OTHERWISE NOTED)
- ⊠ GAS VALVE

**ABBREVIATIONS**

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

**LINE LEGEND**

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

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

**△ SITE LOCATION**

NORTH AMERICAN DATUM 1983  
 LAT: 38° 10' 16."55  
 LONG: 85° 49' 28."09  
 NORTH AMERICAN VERTICAL DATUM  
 ELEV: 452.4' AMSL

**△ SITE LOCATION**

NORTH AMERICAN DATUM 1927  
 LAT: 38° 10' 16."29  
 LONG: 85° 49' 28."22

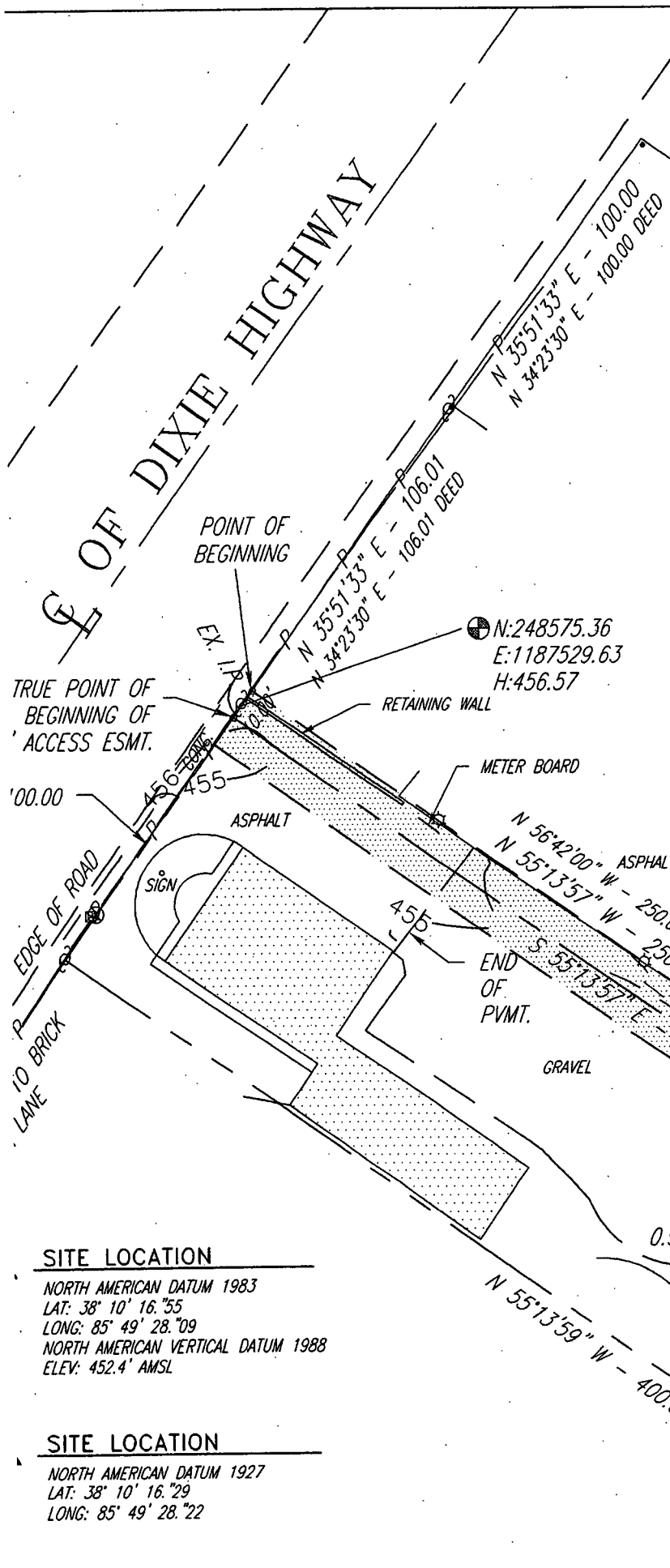
**SOURCE OF ELEVATIO & BEARING**

BEING A N.G.S. C.B.N. MONUME. DESIGNATED AS "LOUISVILLE S"  
 N.A.D. 83(1993)  
 LAT: 38° 09' 03.69568"  
 LONG: 85° 49' 58.24029"  
 N.A.V.D. 88  
 ELEV.= 143.3 m

**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 the prepared by T. Alan Neal Company obtained from existing records and by field locations. It is the contrac responsibility to verify their existenc location, and to contact the appro utility company for field locations.



**DESCRIPTION OF LEASE AREA**

Beginning at an iron pipe in the east right of way of Dixie Highway, such point being the north west corner of the property conveyed to Jesse Rippy, Jr. and Mary Lou Rippy, and recorded in Deed Book 6687, page 285, in the Office of the Clerk, of the County Court, of Jefferson County, Kentucky; thence following said right of way S. 35° 51' 33" W. 10.00' to a set PK nail; thence leaving said right of way S. 55° 13' 57" E. 280.84' to a set #5 rebar and the true point of beginning of the Lease Area; thence N. 35° 58' 03" E. 10.00' to a set #5 rebar in the north property line of said property; thence following said line S. 55° 13' 57" E. 120.00' to a set #5 rebar, such point being the north east corner of said property, thence following the east line of said property S. 35° 58' 03" W. 40.00' to a set #5 rebar; thence leaving said line N. 55° 13' 57" W. 120.00' to a set #5 rebar; thence N. 35° 58' 03" E. 30.00' to the point of beginning containing 4799 square feet as per survey by T. Alan Neal Co. dated September 18, 1998.

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reb  
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N:248575.36  
E:1187529.63  
H:456.57

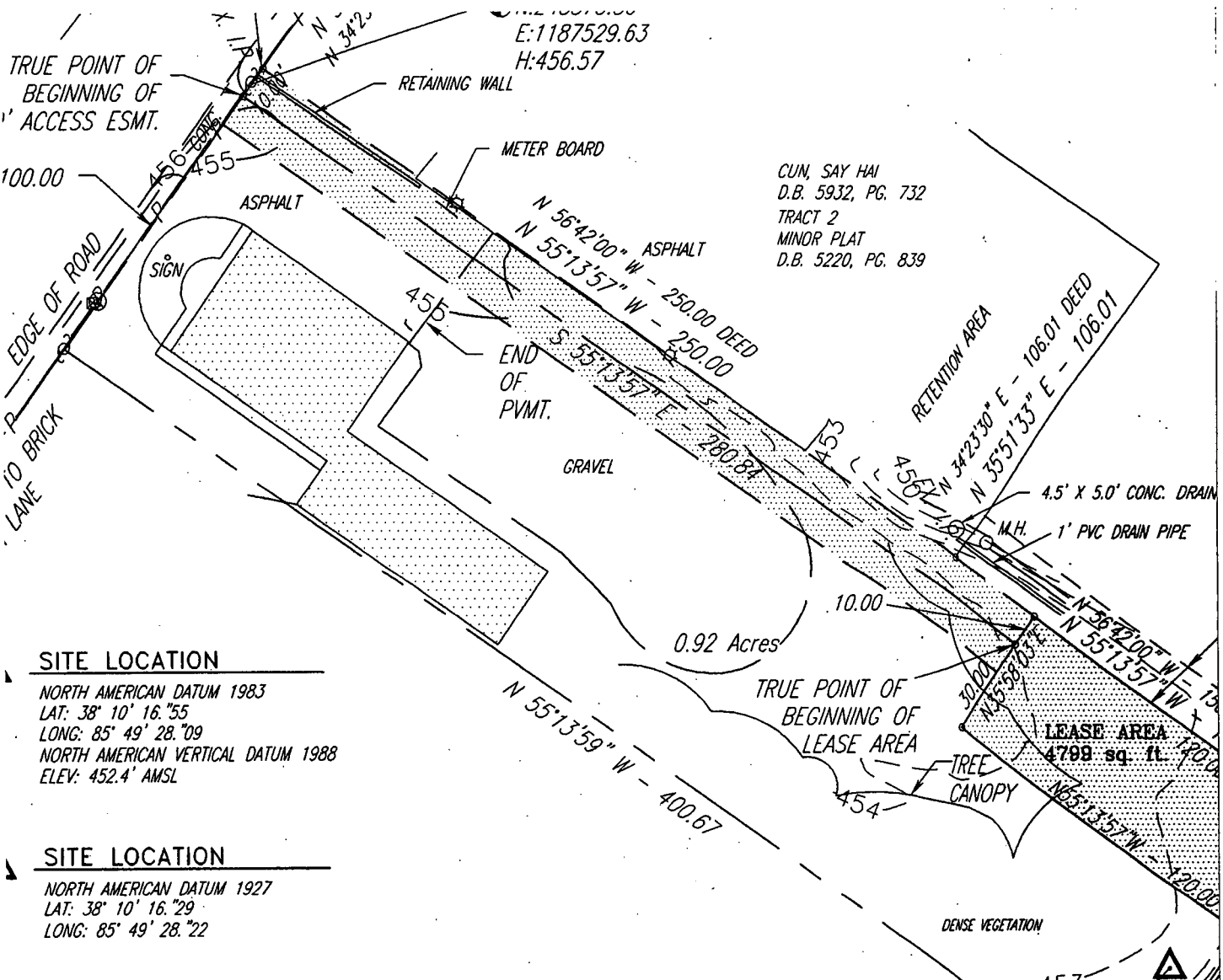
CUN, SAY HAI  
D.B. 5932, PG. 732  
TRACT 2  
MINOR PLAT  
D.B. 5220, PG. 839

**SITE LOCATION**

NORTH AMERICAN DATUM 1983  
LAT: 38° 10' 16."55  
LONG: 85° 49' 28."09  
NORTH AMERICAN VERTICAL DATUM 1988  
ELEV: 452.4' AMSL

**SITE LOCATION**

NORTH AMERICAN DATUM 1927  
LAT: 38° 10' 16."29  
LONG: 85° 49' 28."22



CUM, SAY HAI  
 D.B. 5932, PG. 732  
 TRACT 2  
 MINOR PLAT  
 D.B. 5220, PG. 839

**SITE LOCATION**

NORTH AMERICAN DATUM 1983  
 LAT: 38° 10' 16."55  
 LONG: 85° 49' 28."09  
 NORTH AMERICAN VERTICAL DATUM 1988  
 ELEV: 452.4' AMSL

**SITE LOCATION**

NORTH AMERICAN DATUM 1927  
 LAT: 38° 10' 16."29  
 LONG: 85° 49' 28."22

**SOURCE OF ELEVATION  
 & BEARING**

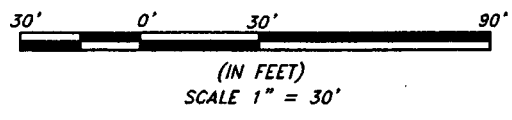
BEING A N.G.S. C.B.N. MONUMENT  
 DESIGNATED AS "LOUISVILLE S BASE RESET"  
 N.A.D. 83(1993)  
 LAT: 38° 09' 03.69568"  
 LONG: 85° 49' 58.24029"  
 N.A.V.D. 88  
 ELEV.= 143.3 m

H. RAY McPHAIL CO.  
 D.B. 6352, PG. 739  
 C/O THE PEP BOYS

N:248317.58  
 E:1187804.42

**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 existence and location, and to contact the appropriate utility company for field locations.

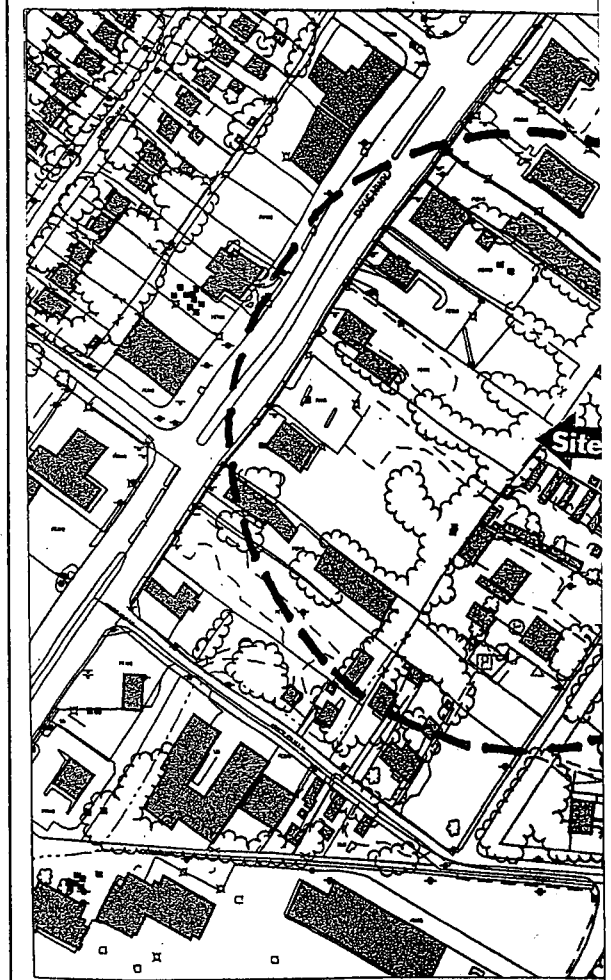


ION  
REA

**CENTERLINE DESCRIPTION  
OF  
20' ACCESS EASEMENT**

east right of way of the north west corner of Rippy, Jr. and Mary Lou Deed 6687, page 285, in County Court, of Jefferson County, Kentucky; then following said right of way S. 35° 51' 33" W. 10.00' to a set PK nail; thence leaving 7" E. 280.84 to a set PK nail; thence following the beginning of the Lease Area 10.00' to a set #5 rebar of said property; thence 7" 120.00' to a set #5 rebar in the east corner of said Lease Area; thence following the east line of said property 120.00' to a set #5 rebar; thence 7" W. 120.00' to a set #5 rebar; thence 30.00' to the point of beginning as per survey by me on 18, 1998.

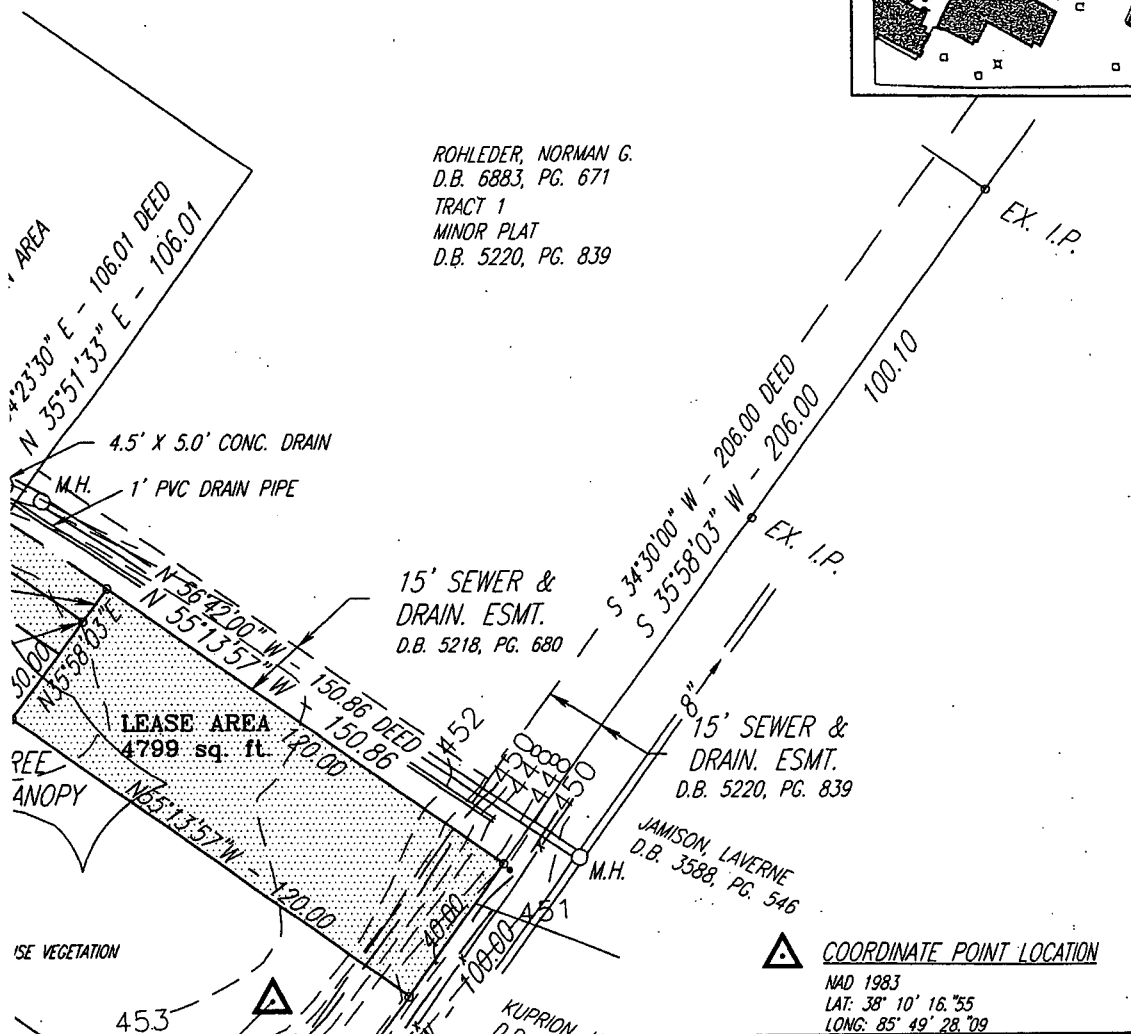
Beginning at an iron pipe in the east right of way of Dixie Highway, such point being the north west corner of the property conveyed to Jesse Rippy, Jr. and Mary Lou Rippy, and recorded in Deed Book 6687, page 285, in the Office of the Clerk, of the County Court, of Jefferson County, Kentucky; thence following said right of way S. 35° 51' 33" W. 10.00' to a set PK nail and the true point of beginning of the centerline of the 20' Access Easement; thence leaving said right of way and following said centerline S. 55° 13' 57" E. 280.84 to a set #5 rebar in the north west line of the Lease Area and the end of said easement.



500' RADIUS MAP  
1" = 200'

ROHLER, NORMAN G.  
D.B. 6883, PG. 671  
TRACT 1  
MINOR PLAT  
D.B. 5220, PG. 839

SOME INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM MAPPING DATA PROVIDED BY LOGIC, INC. IT IS NOT TO BE USED WITHOUT WRITTEN PERMISSION FROM M.S.D. ANY INFORMATION INTENDED HEREON, NO PART OF THIS DOCUMENT OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE OR RETRIEVAL SYSTEM, EXPRESSLY PERMITTED IN WRITING BY M.S.D.

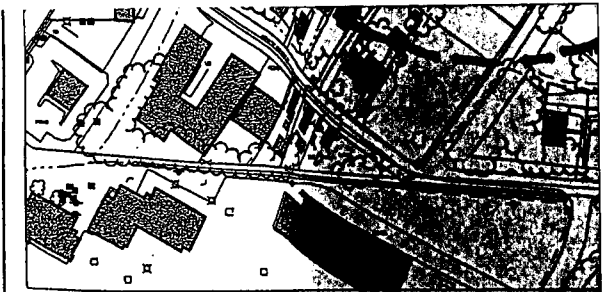


**PROPERTY OWNER**  
RIPPY, MARY LOU & JESSE  
4823 DIXIE HIGHWAY  
LOUISVILLE, KY. 40205  
D.B. 6687, P.G. 285  
ZONING  
FRONT = C1  
REAR = M1

**COORDINATE POINT LOCATION**  
NAD 1983  
LAT: 38° 10' 16.35"  
LONG: 85° 49' 28.09"

453  
KUPRION D.R.

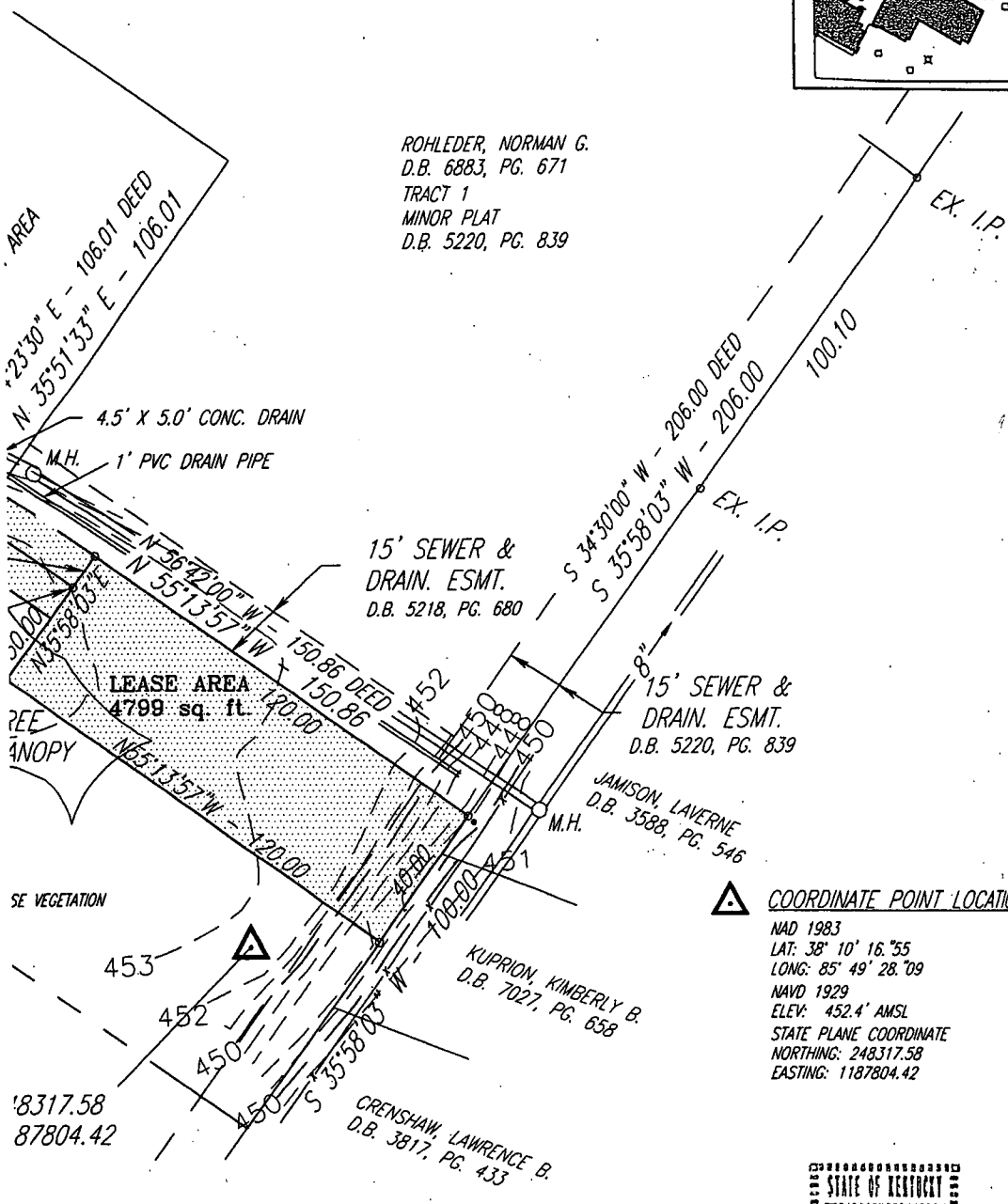
feet as per survey by  
r 18, 1998.



500' RADIUS MAP

ROHLEDER, NORMAN G.  
D.B. 6883, PG. 671  
TRACT 1  
MINOR PLAT  
D.B. 5220, PG. 839

SOME INFORMATION FROM HEREIN IS  
MAPPING DATA FROM THE STATE OF KENTUCKY  
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OR TRANSMITTED IN ANY FORM OR BY ANY MEANS  
MECHANICAL, PHOTOCOPYING, RECORDING, OR BY  
ANY INFORMATION SYSTEM WITHOUT THE WRITTEN  
EXPRESSLY PERMITTED BY THE STATE OF KENTUCKY



**PROPERTY OWN**

RIPPY, MARY LOU & JESS  
4823 DIXIE HIGHWAY  
LOUISVILLE, KY. 40211  
D.B. 6687, P.G. 285  
ZONING  
FRONT = C1  
REAR = M1

**COORDINATE POINT LOCATION**

MAD 1983  
LAT: 38° 10' 16.55  
LONG: 85° 49' 28.09  
NAVD 1929  
ELEV: 452.4' AMSL  
STATE PLANE COORDINATE  
NORTHING: 248317.58  
EASTING: 1187804.42

Unadjusted closure for these tracts  
in 5000 plus 0.10 feet. These tract  
adjusted for closure. Survey was ca  
Random Traverse Method.

**SURVEYORS NOTES**

SOURCE OF BEARING IS A G.P.S. OBSERVATION  
ON SEPTEMBER 15, 1998.

SOURCE OF ROTATION BASED ON THE NORTH PROPERTY  
LINE OF THE RIPPY PROPERTY HAVING THE BEARING  
OF S 56° 42' 00" E PER D.B. 6687, PG. 285, AND THE  
CALCULATED BEARING OF S 55° 13' 57" E.

NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS AND  
RIGHT-OF-WAYS WERE FURNISHED TO THE SURVEYOR EXCEPT  
AS SHOWN.

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.

L. G. & E. IS THE SITE POWER COMPANY.

EXISTING CONTOURS ARE AT ONE FOOT INTERVALS.

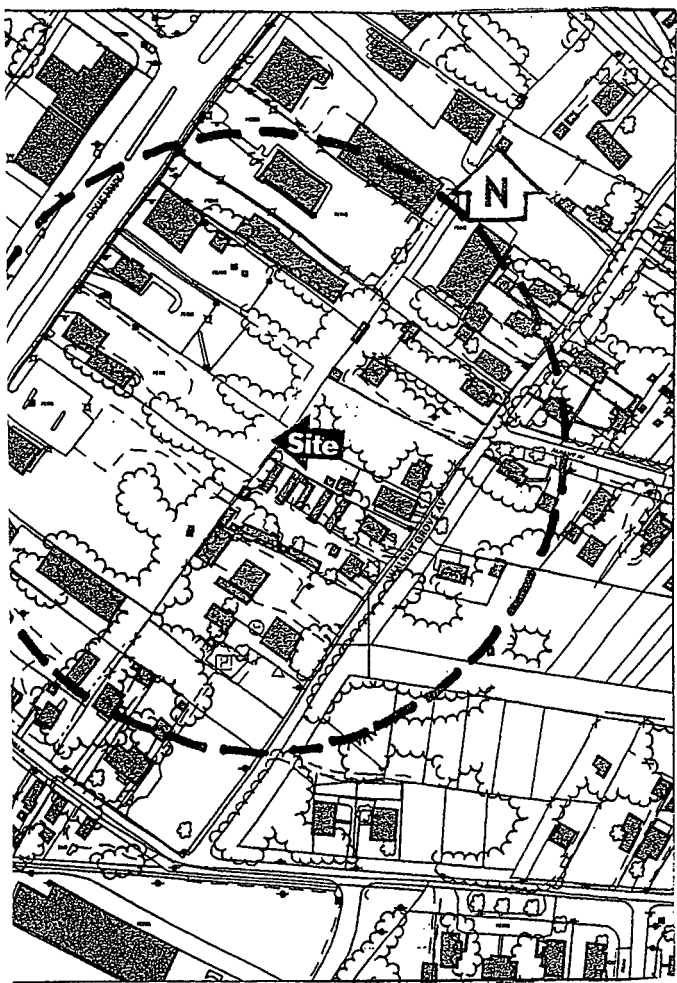
STATE OF KENTUCKY  
FRANK L. SELLINGER  
2282  
REGISTERED  
LAND SURVEYOR

**LAND SURVEYOR'S CERTI**

TO ALL PARTIES INTERESTED IN TITLE  
I hereby certify that this plat and su  
supervision, and that the angular an  
as witnessed by monuments shown I  
to the best of my knowledge and be  
This survey and plat meets or excee  
of the governing authorities.  
This property is subject to any reco  
of ways not shown hereon.

*Frank L. Sellinger*  
Frank L. Sellinger, II

90'



500' RADIUS MAP  
1" = 200'

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**PROPERTY OWNER**

RIPPY, MARY LOU & JESSE, JR.  
4823 DIXIE HIGHWAY  
LOUISVILLE, KY. 40216  
D.B. 6687, P.G. 285  
ZONING  
FRONT = C1  
REAR = M1

**REVISIONS:**

ADD DRAIN. ESMT.
11.09.98
CHANGED LEASE AREA
12.17.98

DRWN BY: FLS

CHKD BY: \_\_\_\_\_

DRAWING NAME: \_\_\_\_\_

FIELD BOOK: \_\_\_\_\_

T. Alan Neal Company



(502) 635-5866  
FAX: 636-5263

Civil Engineering  
428 Warnock Street

T. Alan Neal Company

Land Surveying  
Louisville, Kentucky 40217

**MOBILITY  
TOWER SITE SURVEY  
(ROCKFORD)  
HIGHWAY**

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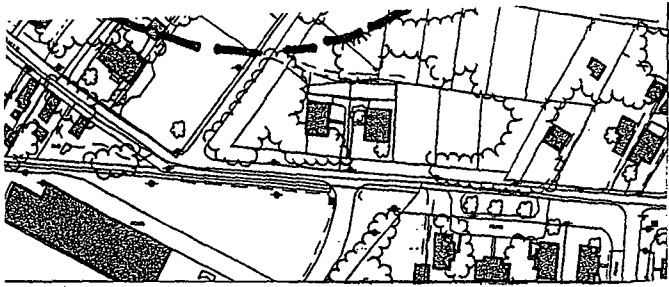
ENT

AWAY

1

6





**500' RADIUS MAP**  
1" = 200'

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**PROPERTY OWNER**

RIPPY, MARY LOU & JESSE, JR.  
4823 DIXIE HIGHWAY  
LOUISVILLE, KY. 40216  
D.B. 6687, P.G. 285  
ZONING  
FRONT = C1  
REAR = M1

adjusted closure for these tracts exceeds 1 part  
5000 plus 0.10 feet. These tracts have been  
adjusted for closure. Survey was conducted by  
indom Traverse Method.

**LAND SURVEYOR'S CERTIFICATE**

ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED  
hereby certify that this plot and survey were made under my  
direction, and that the angular and linear measurements,  
witnessed by monuments shown hereon, are true and correct  
to the best of my knowledge and belief.  
This survey and plot 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.

*L. Selinger*  
L. Selinger, # 3282 1-4-99  
Ky. Reg. No. Date

T. Alan Neal Company

(502) 635-5866  
FAX: 636-5263

**BELLSOUTH MOBILITY**  
"CELLULAR COMMUNICATION TOWER SITE SURVEY"  
LOUISVILLE - RF (ROCKFORD)  
4823 DIXIE HIGHWAY

DATE: 9-18-98  
PROJECT NO.:  
T-2353  
SHEET 1 OF 1

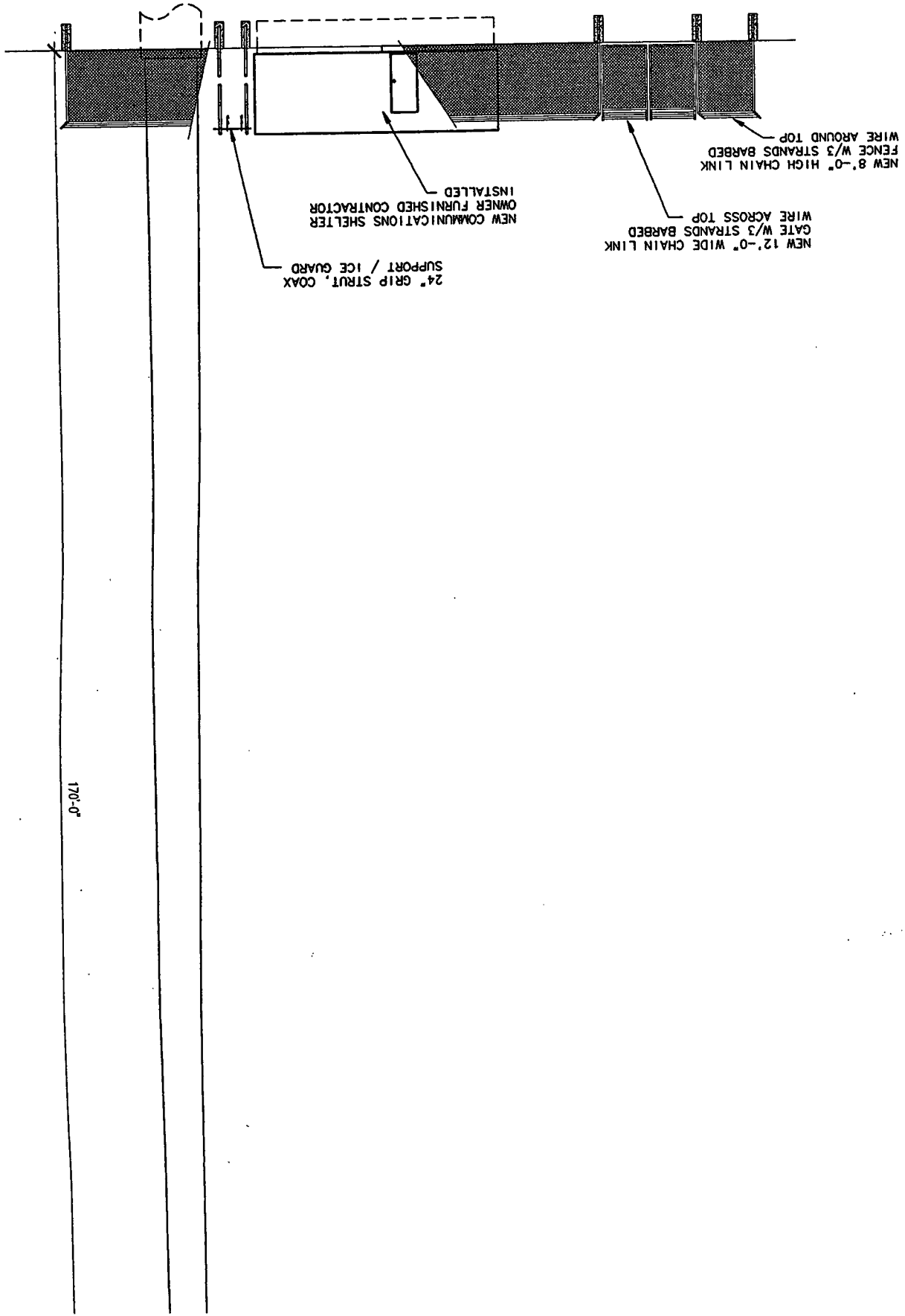
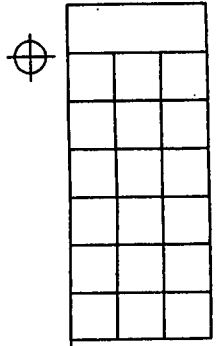
T. Alan Neal Company  
Civil Engineering  
428 Warnock Street  
Louisville, Kentucky 4

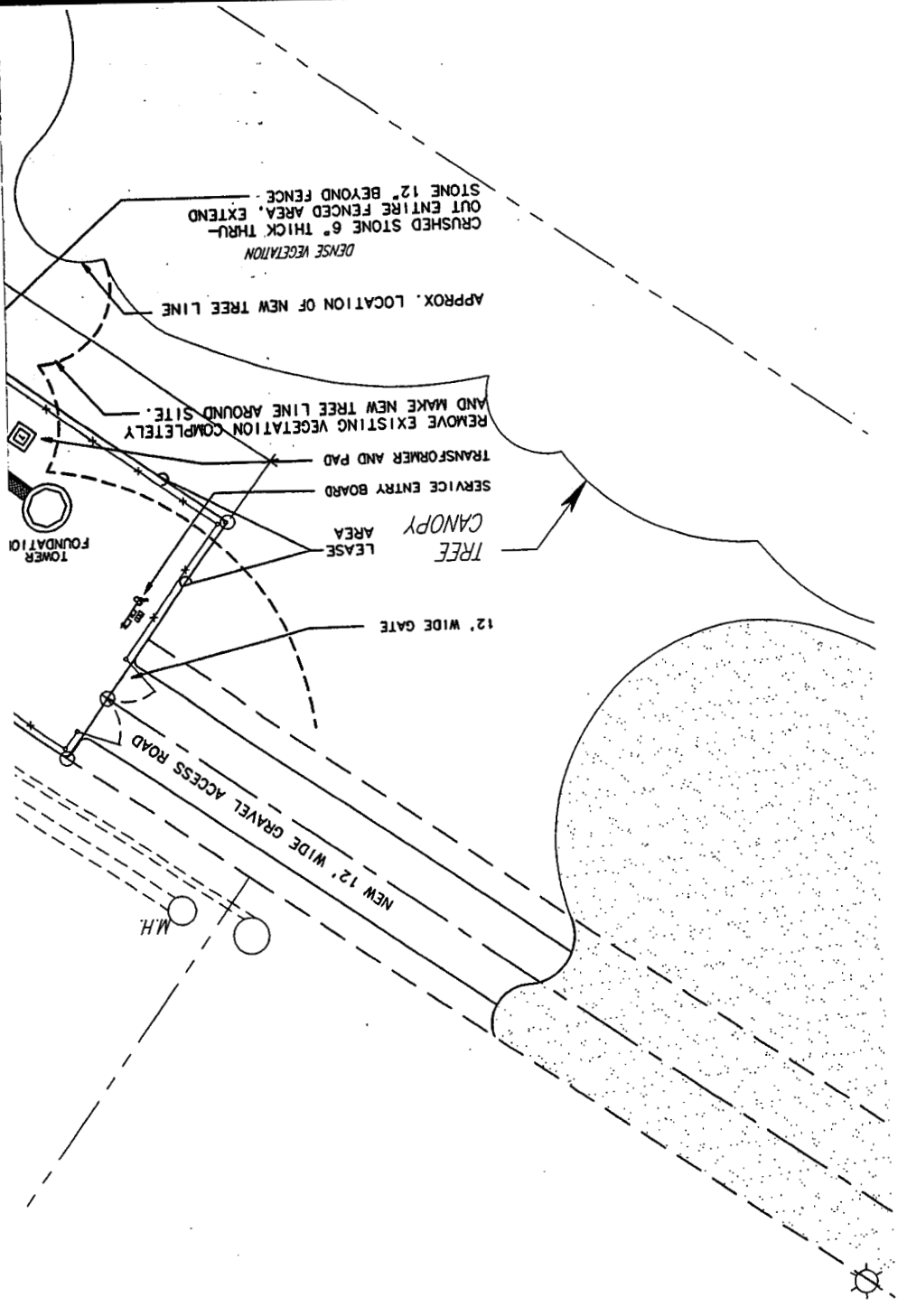
17 / 6  
N.E.  
E.

170'-0"

X

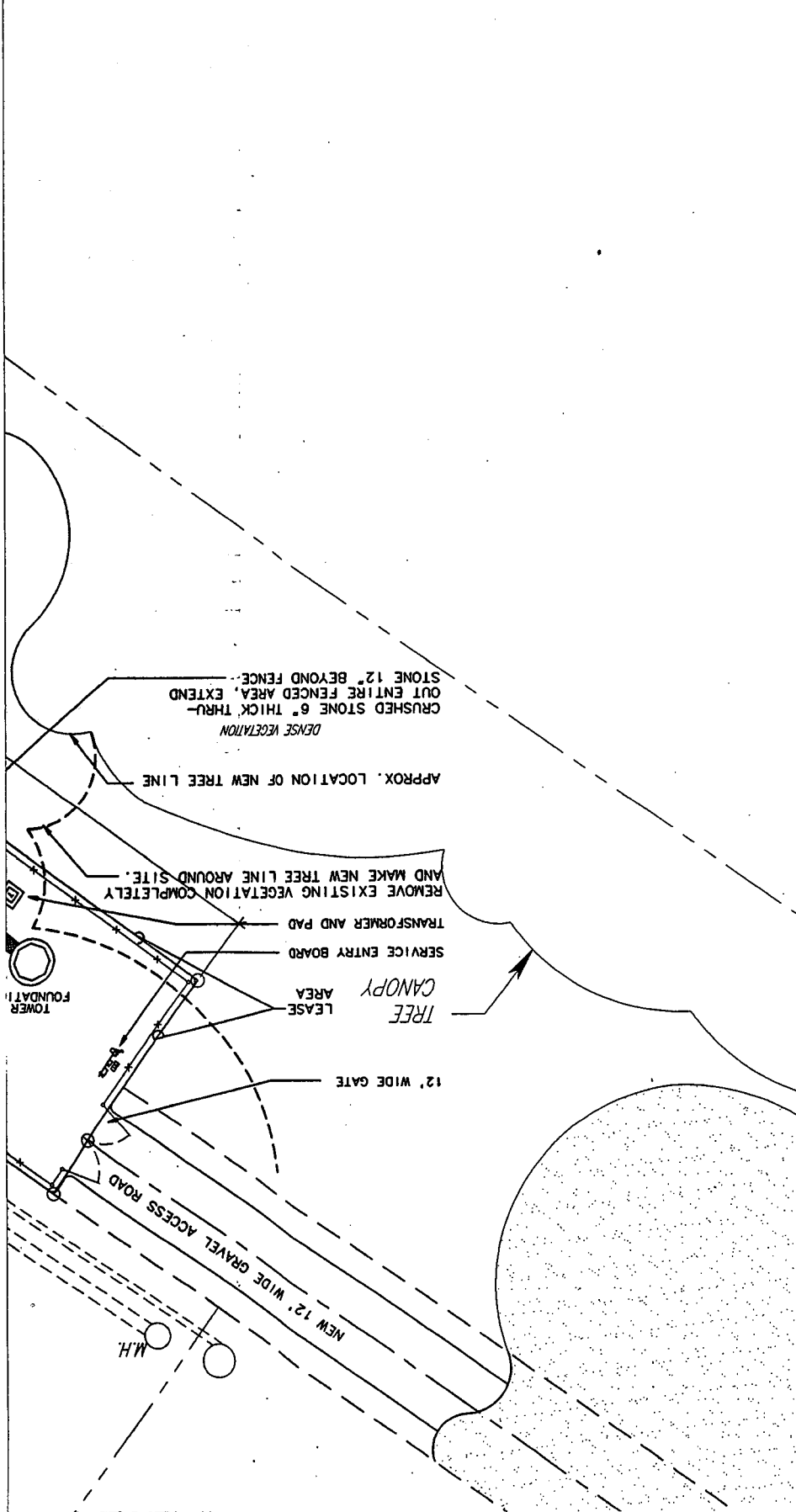
ELEVATION  
SCALE: 3/32" = 1'-0"



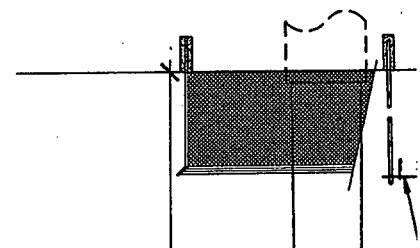


170'-0"

- GENERAL NOTE
- 1 GENERAL CO BUILDING P AREA, DELI TOWER ALL
  - 2 REFER TO S TOWER AND I
  - 3 ALL FINISH SEALANT AS
  - 4 ANY AREAS TO MATCH E
  - 5 ANY GRASS CONSTRUCTI REPLACED T
  - 6 ROAD TO SI DITCHING,

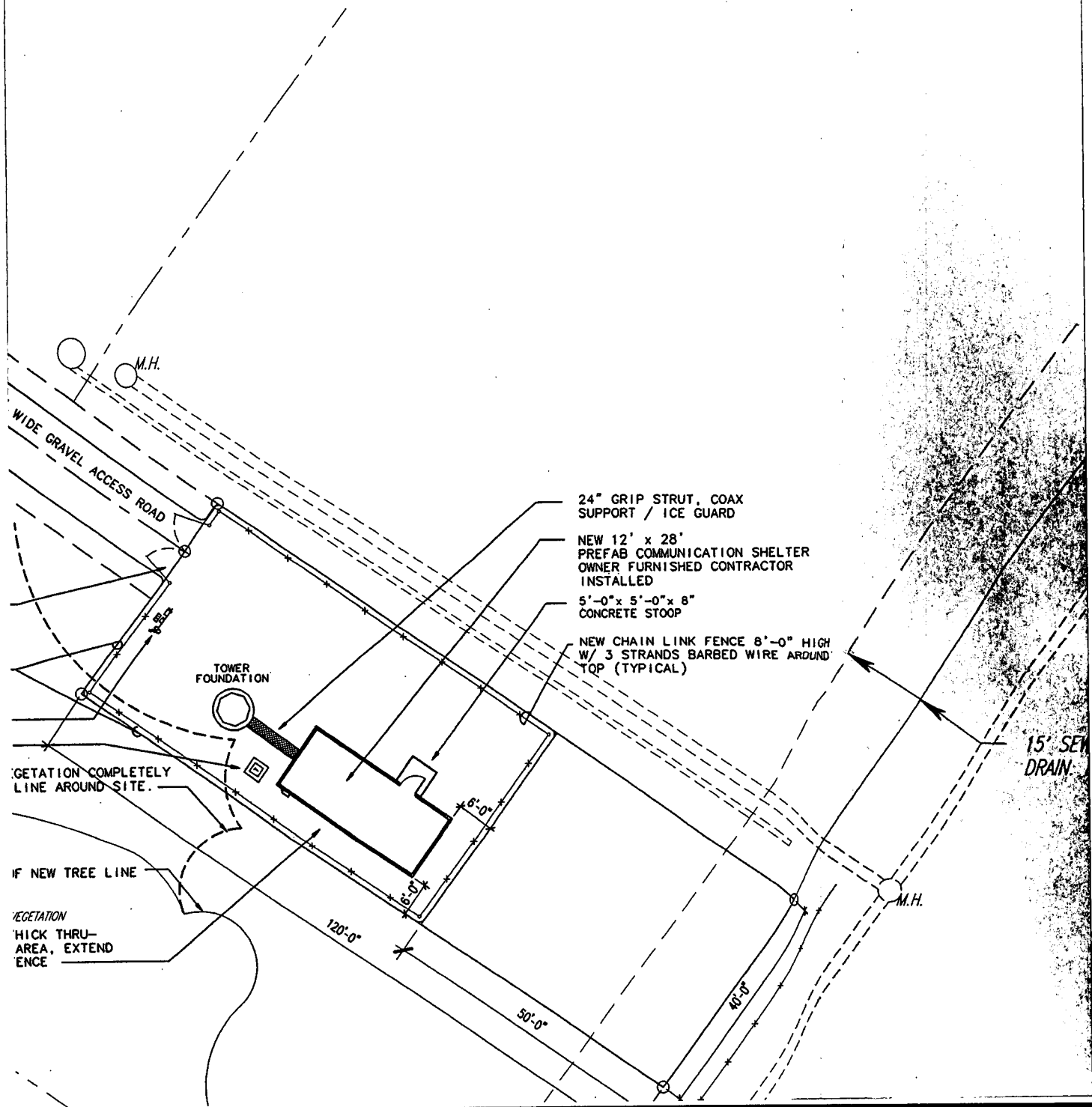


170'-0"

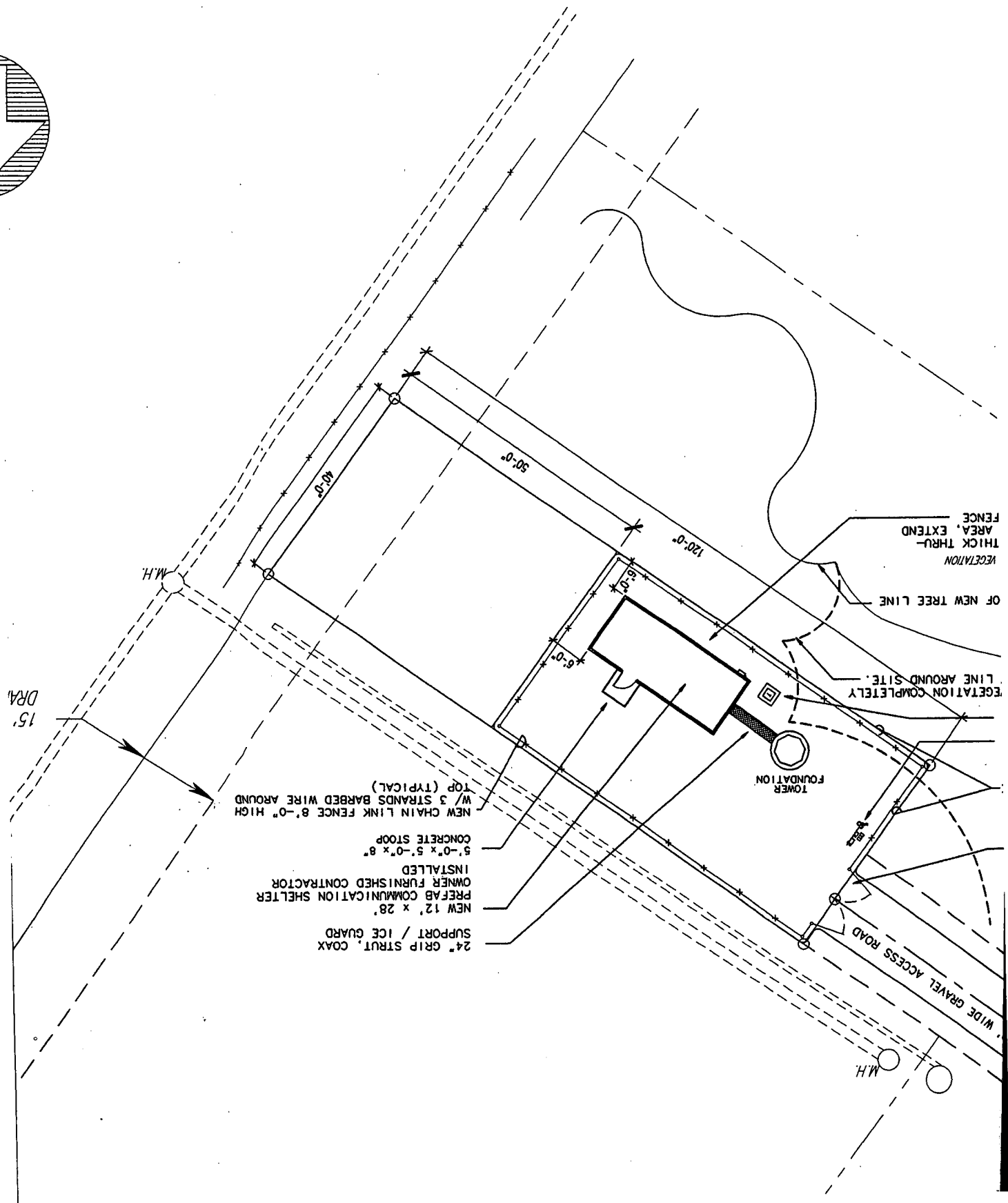


**GENERAL NOTES:**

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



SITE PLAN  
SCALE: 1/8" = 1'-0"



15'-0"

24" GRIP STRUT, COAX  
SUPPORT / ICE GUARD  
NEW 12' x 28'  
PREFAB COMMUNICATION SHELTER  
OWNER FURNISHED CONTRACTOR  
INSTALLED  
CONCRETE STOOP  
5'-0" x 5'-0" x 8"  
NEW CHAIN LINK FENCE 8'-0" HIGH  
W/ 3 STRANDS BARBED WIRE AROUND  
TOP (TYPICAL)

VEGETATION  
THICK THRU-  
AREA, EXTEND  
FENCE  
OF NEW TREE LINE  
VEGETATION COMPLETELY  
REMOVED LINE AROUND SITE.

WIDE GRAVEL ACCESS ROAD

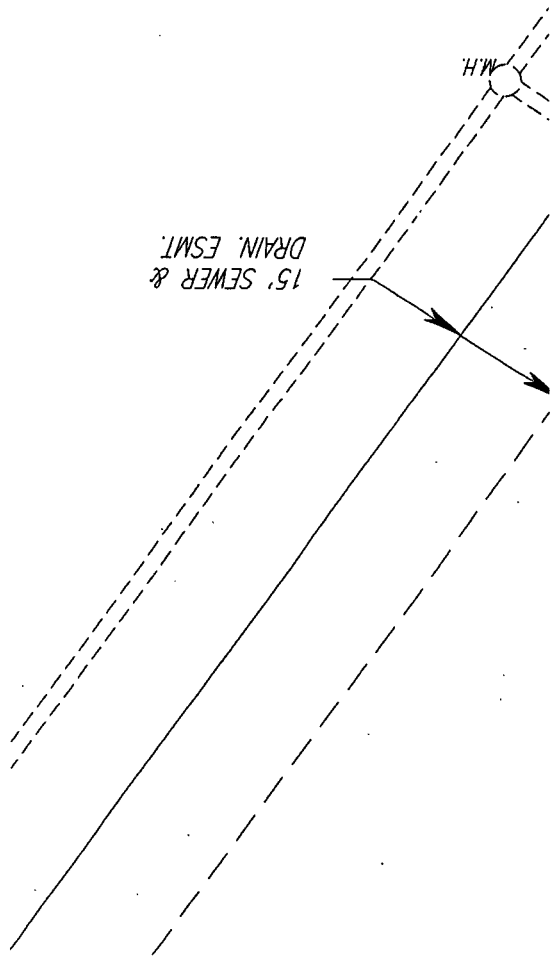
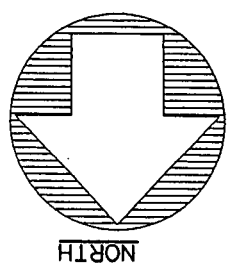
M.H.

TOWER FOUNDATION

M.H.





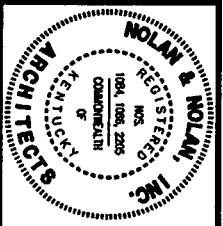


DATE	01/18/99	BY	JDW
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101298			

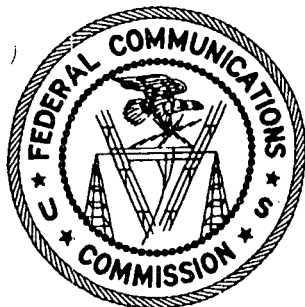
BELLSOUTH MOBILITY INC.  
 CELLULAR SYSTEM  
 STANDARD CELL SITE  
 4823 DIXIE HIGHWAY (ROCKFORD II)  
 LOUISVILLE, KENTUCKY



**NOLAN AND NOLAN INC**  
 architects  
 801 BARRET AVE.  
 LOUISVILLE, KENTUCKY 40204



REVISIONS  
 DATE  
 BY  
 DESCRIPTION



United States of America  
Federal Communications Commission  
**RADIO STATION AUTHORIZATION**  
Cellular Radiotelephone Service

KENTUCKY CGSA, INC.  
1100 PEACHTREE STREET  
SUITE 14E06  
ATLANTA, GA 30309

Call Sign: KNKA245

Market: 0037      Channel Block: B-1      SID: 0076  
Market Name:      LOUISVILLE, KENTUCKY/INDIANA

.....  
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..... December 03, 1984**

**Expiration Date..... May 15, 2005**

**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 transferred 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 IFG on Thursday January 30, 1997**  
**FCC Form 463A**

**CONTROL POINTS:**

<u>Number</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Phone Number</u>
1	3503 College Drive	Jeffersontown	KY ( ) -	

**STRUCTURES AND ANTENNAS:**

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
001	38°09'30"N	085°48'51"W		01321-CL-ML-95	1,3,11 & 21

**Location Description, City, County, State**

2601 Quillman Hill Road , Louisville, JEFFERSON, KY

**Antenna: A**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	117.00	100.00	99.00	89.00	50.00	104.00	56.00	87.00
<b>Transmitter ERP (w)</b>	40.00	21.00	4.00	0.46	0.37	0.54	4.00	26.00

**Antenna: B**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	117.00	100.00	99.00	89.00	50.00	104.00	56.00	87.00
<b>Transmitter ERP (w)</b>	1.00	10.00	34.00	35.00	14.00	1.00	0.16	0.22

**Antenna: C**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	124.00	106.00	106.00	96.00	57.00	111.00	63.00	94.00
<b>Transmitter ERP (w)</b>	3.00	0.37	0.34	5.00	38.00	93.00	80.00	25.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
002	38°11'39"N	085°34'03"W		05418-CL-ML-94	none

**Location Description, City, County, State**

3503 College Drive , Jeffersontown, JEFFERSON, KY

**STRUCTURES AND ANTENNAS****Antenna: A**

<b>Azimuth</b> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	58.00	53.00	59.00	66.00	70.00	72.00	107.00	97.00
<b>Transmitter ERP (w)</b>	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

**Antenna: B**

<b>Azimuth</b> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	58.00	53.00	59.00	66.00	70.00	72.00	107.00	97.00
<b>Transmitter ERP (w)</b>	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
004	38°22'54"N	085°26'38"W		04354-CL-ML-94	none

**Location Description, City, County, State**

3400 Cedar Point Road , Buckner, OLDHAM, KY

**Antenna: A**

<b>Azimuth</b> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	95.00	53.00	49.00	64.00	85.00	82.00	100.00	99.00
<b>Transmitter ERP (w)</b>	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

**Antenna: B**

<b>Azimuth</b> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	95.00	53.00	49.00	64.00	85.00	82.00	100.00	99.00
<b>Transmitter ERP (w)</b>	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
007	37°57'41"N	085°42'02"W		06599-CL-ML-94	A,H,I

**Location Description, City, County, State**

Cooper Run Road , Shepherdsville, BULLITT, KY

# STRUCTURES AND ANTENNAS

## Antenna: A

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	143.00	121.00	109.00	99.00	131.00	120.00	121.00	116.00
Transmitter ERP (w)	93.00	100.00	77.00	31.00	23.00	31.00	76.00	100.00

## Antenna: B

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	143.00	121.00	109.00	99.00	131.00	120.00	121.00	116.00
Transmitter ERP (w)	93.00	100.00	77.00	31.00	23.00	31.00	76.00	100.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
008	38°25'18"N	085°49'42"W		02597-CL-ML-93	A,H & I

### Location Description, City, County, State

RT. 1 BALLOU RD., SELLERSBURG, CLARK, IN

## Antenna: A

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	216.00	234.00	230.00	243.00	225.00	135.00	128.00	173.00
Transmitter ERP (w)	6.00	29.00	53.00	49.00	52.00	44.00	12.00	4.00

## Antenna: B

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	216.00	234.00	230.00	243.00	225.00	135.00	128.00	173.00
Transmitter ERP (w)	6.00	29.00	53.00	49.00	52.00	44.00	12.00	4.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
011	38°12'53"N	085°25'08"W		05610-CL-ML-94	1,3,12,21

### Location Description, City, County, State

1410 CLARK STATION ROAD, FISHERVILLE, JEFFERSON, KY

**STRUCTURES AND ANTENNAS**

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	77.00	60.00	66.00	78.00	87.00	110.00	96.00	84.00
Transmitter ERP (w)	100.00	89.00	61.00	22.00	16.00	20.00	61.00	97.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	77.00	60.00	66.00	78.00	87.00	110.00	96.00	84.00
Transmitter ERP (w)	100.00	89.00	61.00	22.00	16.00	20.00	61.00	97.00

**Location   Latitude   Longitude   Tower#   File Number   Markings**

016   38°34'21"N   085°46'42"W   01336-CL-ML-94   a,h,i

**Location Description, City, County, State**

10015 Brownstown Road , Henryville, Clark, IN

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	92.00	81.00	80.00	101.00	120.00	69.00	23.00	53.00
Transmitter ERP (w)	0.36	1.00	13.00	65.00	75.00	64.00	13.00	1.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	92.00	81.00	80.00	101.00	120.00	69.00	23.00	53.00
Transmitter ERP (w)	0.36	1.00	13.00	65.00	75.00	64.00	13.00	1.00

**Location   Latitude   Longitude   Tower#   File Number   Markings**

017   38°20'17"N   085°53'38"W   01340-CL-ML-94   none

**Location Description, City, County, State**

4706 Brush College Road , Floyd Knobs, Floyd, IN

**STRUCTURES AND ANTENNAS:****Antenna: A**

<b>Azimuth</b> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	102.00	122.00	190.00	196.00	157.00	92.00	117.00	84.00
<b>Transmitter ERP (w)</b>	19.00	59.00	75.00	75.00	59.00	29.00	14.00	14.00

**Antenna: B**

<b>Azimuth</b> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	102.00	122.00	190.00	196.00	157.00	92.00	117.00	84.00
<b>Transmitter ERP (w)</b>	19.00	59.00	75.00	75.00	59.00	29.00	14.00	14.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
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024	38°11'26"N	085°44'28"W		02075-CL-ML-95	none
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**Location Description, City, County, State**

824 Phillips Lane , Louisville, JEFFERSON, KY

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
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028	38°36'13"N	085°20'22"W		07708-CL-ML-95	a,h,i,1,3,4,13,21,22
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**Location Description, City, County, State**

Colbert Lane , Bedford, TRIMBLE, KY

U.S. Department of Transportation Federal Aviation Administration			<b>Notice of Proposed Construction or Alteration</b>			Aeronautical Study Number
<b>1. Nature of Proposal</b>			<b>2. Complete Description of Structure</b>			
<b>A. Type</b> <input type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input checked="" type="checkbox"/> Existing	<b>B. Class</b> <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months)	<b>C. Work Schedule Dates</b> Beginning <u>After FAA Approval</u> End <u>Within 6 Months</u>	Please describe on a separate sheet of paper if necessary, the proposed construction or alteration.  <b>A.</b> For proposals involving transmitting stations, include effective radiated power (ERP) and assigned frequency of all proposed or modified transmitters on the structure. (If not known, give frequency band and maximum ERP).  <b>B.</b> For proposals involving overhead wire, transmission lines, etc., include the size and the configuration of the wires and their supporting structures.  <b>C.</b> For all proposals, include site orientation, dimensions, and construction materials of the proposed or altered structure.  <b>D. Optional--</b> Describe the type of obstruction marking and lighting system desired for your structure. The FAA will recommend appropriate marking and lighting for the structure in accordance with the standards of Advisory Circular AC 70/7460-1. An FAA marking and lighting recommendation will reflect the minimum acceptable level of conspicuity necessary to warn pilots of the presence of an object. However, the FAA under certain circumstances, will not object to the use of a system (such as a medium intensity flashing white light system or a dual lighting system) other than the recommended standard.  (See Attached Addendum)			
* If Alteration, provide previous FAA Aeronautical Study Number, if available.						
<b>3A. Name, address, and telephone number of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State, and Zip Code)</b>  Dan Bennett BellSouth Mobility 1650 Lyndon Farms Court Louisville, KY 40223  ( 502 ) 329-7601 Area Code Telephone Number			<b>3B. Name, address and telephone number of proponent's representative, if different than 3A. above.</b>  Joseph Burkhardt, Jr. Airspace Safety Analysis Corporation Two Crown Center 1745 Phoenix Boulevard, Suite 120 Atlanta, Georgia 30349  ( 770 ) 994-1557 Area Code Telephone Number			
<b>4. Location Of Structure</b>			<b>5. Height and Elevation (to nearest foot)</b>			
<b>A. Coordinates</b> Use methods of average, if known Latitude 38 10 17.19 Longitude 085 49 28.55  <b>4D. Source of coordinate information for item 4A. above.</b> <input type="checkbox"/> USGS 7.5' Quad Chart <input checked="" type="checkbox"/> Survey <input type="checkbox"/> Other Specify _____  Indicate the national datum of the coordinates, if known. <input type="checkbox"/> NAD 27 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> Other Specify _____			<b>B. Nearest City or Town and State</b> Louisville, Kentucky		<b>C. Nearest public or military airport, heliport, flightpark, or seaplane base</b> LOUISVILLE INTL-STANDIFORD FIE  (1). Distance to AB In City 3.69 NM  (2). Direction to AB In City 81.78° True Bearing	
			<b>A. Elevation of site above mean sea level.</b> 454'		<b>B. Height of structure including all appurtenances and lighting above ground or water.</b> 180'	
			<b>C. Overall height above mean sea level (A + B)</b> 634'		<b>4E. Describe, on a separate sheet of paper, the location of the site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a copy of a U.S. Geological Survey quadrangle map 7.5 minute series (or equivalent) showing the construction site. If available, attach a copy of a documented site survey with the surveyor's certification.</b>	
<b>FAILURE TO PROVIDE ALL REQUESTED INFORMATION MAY DELAY PROCESSING OF YOUR NOTICE</b>						
Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. 1501). Persons who knowingly and willfully violate the Notice requirements of Part 77 are subject to a civil penalty of \$1,000 per day until the notice is resolved, pursuant to Section 901(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. 1471(a)) as well as the fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. 1472(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 obstruction mark and/or light the structure in accordance with established marking & lighting standards as necessary.						
Date		Typed or Printed Name and Title of Person Filing Notice			Signature	
		Dan Bennett, Engineer				
<b>FOR FAA USE ONLY</b>			<b>FAA will either return this form or issue a separate acknowledgement.</b>			
<b>The Proposal:</b> <input type="checkbox"/> Does not require a notice to FAA. <input type="checkbox"/> Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, but would not be a hazard to navigation. <input type="checkbox"/> Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to navigation. <input type="checkbox"/> Should be obstruction <input type="checkbox"/> marked <input type="checkbox"/> lighted per FAA. Advisory Circular 70/7460-1, Chapters _____ <input type="checkbox"/> Obstruction marking and lighting are not necessary.			Supplemental Notice of Construction, FAA Form 7460-2, is required any time the project is abandoned, or <input type="checkbox"/> At least 48 hours before the start of construction. <input type="checkbox"/> Within five days after the construction reaches its greatest height. This determination expires on _____ unless: (a) amended, revised or terminated by the issuing office; (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit is made to the FCC on or before the above expiration date. In such cases 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 the FAA 15 days prior to the expiration date.  If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that agency.			
Remarks						
NAD 83 Coordinates (Use these coordinates for any future correspondence with the FAA)			Latitude		Longitude	
Issued in			Signature		Date	



20239

FAA FORM 7460-1 ADDENDUM

This study is to increase the height of this existing structure from 160' AGL (512' AMSL) to 180' AGL (634' AMSL). In addition, the coordinates need to be changed as is reflected on the front of the FAA Form 7460-1.

- 2A. This existing cellular communications installation operates in the 800.0 - 900.0 MHz band with 100.0 Watts ERP; 6.000 Ghz Microwave with 10 Watts ERP.
- 2C. Survey data attached.
- 2D. Request omission of marking and lighting on this structure.
- 4E. The existing site is located 450' East from the intersection of Lewiston Drive and US Routes 31W/60. (chart attached). The ARP of LOUISVILLE INTL-STANDIFORD FIE is located 4.18 NM on a True Bearing of 87.31° from the site.

*Rockford*

EXHIBIT D

KAZC FORM TC 55-50(01/96)

KENTUCKY TRANSPORTATION CABINET, DIVISION OF AERONAUTICS, 115 HOLMES STREET, FRANKFORT KY 40622 <b>APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE</b> - INSTRUCTIONS ON REVERSE SIDE OF FORM -	AERONAUTICAL STUDY NUMBER
--	---------------------------

<b>1. NATURE OF PROPOSAL</b>	<b>2. DESCRIPTION OF STRUCTURE</b>
------------------------------	------------------------------------

<b>A. TYPE</b> <input checked="" type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> ALTERATION	<b>B. CLASS</b> <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> TEMPORARY	<b>C. WORK SCHEDULE</b> BEGIN <u>After FAA Approval</u> END <u>Within 6 Months</u>	This proposed cellular communications installation will operate in the 800-900 MHz band with 100 Watts ERP; 6.000 GHz and 11 GHz Microwave with 5 Watts ERP.
---	--	--	--

<b>3A. APPLICANT - NAME, ADDRESS &amp; TELEPHONE</b> Don Bennett BellSouth Mobility 1650 Lynnson Farms Court Louisville, Kentucky 40223  (502) 329-7601	The proposed site is located 450' East from the intersection of Lewiston Drive and U.S. Routes 31W/60 (chart attached). The ARP of Louisville International-Standiford Field is located 4.17 NM on a True Bearing of 87.16° from the site.
---	--

<b>B. REPRESENTATIVE OF APPLICANT - NAME, ADDRESS &amp; TELEPHONE</b> David R. Hunter Airspace Safety Analysis Corporation Two Crown Center 1745 Phoenix Boulevard, Suite 120 Atlanta, Georgia 30349  (770) 904-1557	
---	--

<b>4. LOCATION OF STRUCTURE</b>	<b>5. HEIGHT &amp; ELEVATION</b>
---------------------------------	----------------------------------

<b>A. GEOGRAPHIC COORDINATES (NEAREST SECOND)</b> LATITUDE 38° 10' 16.55" LONGITUDE 085° 49' 28.09"	<b>B. NEAREST KY CITY</b> Louisville, Kentucky (1) DISTANCE TO AB In City (2) DIRECTION TO AB In City	<b>C. NEAREST KY AIRPORT</b> Louisville Int'l Standiford Field (1) DISTANCE TO RUNWAY 3.69 NM (2) DIRECTION TO AIRPORT 81.60° True Bearing	<b>A. SITE ELEVATION (ABOVE MEAN SEA LEVEL)</b> 452' <b>B. HEIGHT OF STRUCTURE, INCLUDING APPURTENANCES AND LIGHTS (ABOVE GROUND LEVEL)</b> 160' <b>C. OVERALL HEIGHT (AMSL) (A+B)</b> 612'
---	--	---	--

<b>6. OBSTRUCTION MARKING &amp; LIGHTING</b>	YES	NO
A. MARKED FOR THE PROTECTION OF AIR NAVIGATION (FLAGS, SPHERES, ETC)		X
B. OBSTRUCTION MARKED IN ACCORDANCE WITH 602KAS0:100 (FAA AC 70/746-1B)		X
C. OBSTRUCTION LIGHTED IN ACCORDANCE WITH 602KAS0:100 (FAA AC 70/746-1B)		X

<b>7. HAS "NOTICE OF CONSTRUCTION OR ALTERATION" (FORM 7460-1) BEEN FILED WITH THE FEDERAL AVIATION ADMINISTRATION?</b> Yes	IF SO, WHEN? <u>10-21-98</u>
---	------------------------------

<b>8. CERTIFICATION</b> - I HEREBY CERTIFY THAT ALL THE ABOVE STATEMENTS MADE BY ME ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.	
BY <u>Don Bennett, President</u> NAME (PRINTED), SIGNATURE & TITLE	DATE <u>10-21-98</u>

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 183.500(3). NON-COMPLIANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS MAY RESULT IN FURTHER PENALTIES.

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



Kentucky Airport Zoning Commission  
125 Holmes Street  
Frankfort, KY 40622

D-11 11/1/87  
(502) 564-4480  
Fax (502) 564-7953  
No.: AS-056-SDF-98-266

October 29, 1998

**APPLICATION NOT REQUIRED**

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

SUBJECT: AS-056-SDF-98-266

STRUCTURE: ANTENNA TOWER  
LOCATION: Louisville, KY  
COORDINATES: 38°10'17"N / 85°49'28"W  
HEIGHT: 160'AGL/612'AMSL

Your application has been returned to you for the reason that you are not required by the Commission regulations to have a permit to construct the structure described in the application.

However, if the height of the structure is increased to exceed 200 feet above ground level or 652 feet above mean sea level then a permit is required.

Ronald Bland, Administrator

**COMMUNITY FACILITIES  
REVIEW APPLICATION**

**BELLSOUTH MOBILITY**

**4823 Dixie Highway  
Rockford Site**

**TOWER SITE**

October 29, 1998

RECEIVED

Mr Jack Ruf, AICP  
Jefferson County Division of  
Planning and Development Services  
900 Fiscal Court Building  
Louisville, Kentucky 40202

OCT 29 1998

PLANNING &  
DEVELOPMENT SERVICES

**BT** 

Re: **BellSouth Mobility**  
**Rockford Site**

Dear Jack:

Attached please find an application for a Community Facility Review on behalf of BellSouth Mobility, Inc. (BMI) for a cellular tower to be located at the rear of 4823 Dixie Highway in an M-2 Industrial district.

The tower will be a 150 foot galvanized steel monopole structure. BMI will lease the parcel defined on the plat and survey prepared by Frank L. Sellinger and attached hereto as Exhibit I. The leasehold will be 60 feet by 80 feet accompanied by a 20 by 340.84 foot access easement through the existing parking area.

The following is a summary of compliance with the Design Standards of Article 8.2 of the Development Code or justification of the items for which we are requesting waivers:

1. Article 8.2.B.2.a. The site is zoned M-2 Industrial which has no required yard setbacks. The pole will be at least 20 feet from the rear yard property line and 35 feet from the nearest side yard line (See Exhibit 1).
2. 8.2.B.2.b The site is within an area occupied by trees and other vegetation. The site will be cleared only within the lease area, excluding the MSD easement area, therefore, we request a waiver of the landscape requirements as the remaining vegetation will be preserved.
3. 8.2.B.2.c. The tower will have a galvanized finish.
4. 8.2.B.2.d. The tower has been designed to the specifications of the Kentucky Building Code, Section 3108.4, which specifies that the structure must meet the current standards of EIA/TIA. If you have questions regarding this please call Mr. Bill Grigsby at 555-1272.
5. 8.2.B.2.e. The tower will not require lighting per FAA requirements.
6. 8.2.B.2.f. The site will be unstaffed, except for normal maintenance.

Birch, Trautwein & Mims, Inc.  
Consulting Engineers Landscape Architects Planners  
4124 Taylorsville Road Louisville, Kentucky 40220  
(502) 459-8402 FAX (502) 459-8427

*Equal Opportunity Employer*

Page 2.

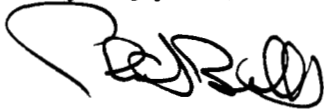
7. 8.2.B.2.g The site shall be enclosed by an eight foot security fence.
8. 8.2.B.2.h. The leasehold site is 4,800 square feet in area. There is no minimum lot size in the M-2 Industrial district.
9. 8.2.B.2.i. The facility complies with the FCC regulations regarding radio frequency emissions (See Tab 9).
10. 8.2.B.2.j. A bond guaranteeing removal of the structure upon abandonment is provided under Tab 8.
11. 8.2.B.2.k The only signs attached to the fence or structure will be informational as required by local, state or federal agencies. No sign will exceed 5 square feet in area.

Additional items which will be forwarded within five days will include:

1. A copy of the notice sent to all adjoining property owners and government officials. The site is located in the unincorporated area of Jefferson County, in "C" District.
2. A letter from J. Bissell Roberts, attorney, certifying that the required notices have been sent, along with a list identifying recipients of the notice.
3. A certification by me indicating that the property has been posted as required by Article 8.2.B.1.a. of the Development Code. Photographs of the posting will be provided.

Please feel free to contact Larry Hester of BellSouth Mobility or me if you require additional information. Please advise me of the date of review by the Land Development and Transportation Committee.

Very truly yours,



Phillip C. Bills, AICP

cc: Larry Hester  
J. Bissell Roberts, Attorney

RECEIVED

OCT 29 1998

PLANNING &  
DEVELOPMENT SERVICES



*BellSouth Mobility  
Rockford Site  
4823 Dixie Highway*

October \_\_, 1998

**NOTICE OF FILING**

An application for a Community Facilities Review for a proposed cellular telecommunications tower and/or personal communications services facility on property located at the rear of 4823 Dixie Highway, Louisville, Kentucky, has been filed by BellSouth Mobility, Inc, with the Louisville and Jefferson County Planning Commission. The request has been assigned docket number \_\_\_\_\_. The application may be inspected in the offices of the Louisville and Jefferson County Planning Commission located at:

531 Court Place  
Suite 900  
Louisville, Kentucky 40202

Phone Number: 574-6230

The recipient(s) of this notice may submit testimony to the Planning Commission either in writing or by appearance at any Committee or Commission meeting scheduled for review of the request.


cc: County Judge / Executive  
Clerk, Jefferson Fiscal Court  
Commissioner Darryl Owens, "C" District





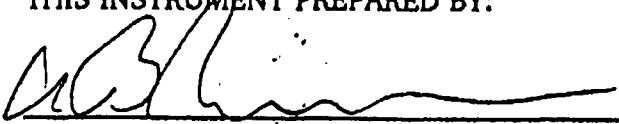
STATE OF KENTUCKY )  
 )  
COUNTY OF JEFFERSON )

I, a Notary public in and for the State and County aforesaid, do hereby certify that on this 10th day of January, 1996, Jesse Rippey, Jr. and Mary Lou Rippey, husband and wife, appeared before me and before me acknowledged that they executed and delivered the foregoing instrument as their free and voluntary act and deed.

My Commission expires: March 13, 1998  


NOTARY PUBLIC  
STATE AT LARGE, KENTUCKY

THIS INSTRUMENT PREPARED BY:



William B. Bardenweiper, Esq.  
MACKENZIE & PEDEN, P.S.C.  
8311 Shelbyville Road  
Louisville, Kentucky 40222  
(502) 426-6688

AMB\WBB\1-96\RIPPY.D22  
Rev. 1/9/96 5:07 pm

3938

Document No: 1996003938  
Lodged By: BARDENEWER  
Recorded On: Jan 10, 1996 02:41:28 P.M.  
Total Fees: \$12.00  
Transfer Tax: \$250.00  
County Clerk: Rebecca Jackson  
Deputy Clerk: TERI

END OF DOCUMENT

en

BOOK 6687 PAUL 285  
DEED

THIS DEED is made this 10th day of January, 1996, by and between Marilyn Travis Giles and Mark Giles, her husband, 10014 Old Third Street Road, Louisville, Kentucky 40272 ("Grantors") and Jesse Rippy, Jr. and Mary Lou Rippy, his wife, 9102 Split Rail Drive, Louisville, Kentucky 40272 ("Grantees").

WITNESSETH:

That for a valuable consideration, the receipt of which is hereby acknowledged, Grantors hereby convey to Grantees in Fee Simple with covenant of General Warranty the following described real property, together with all improvements thereon, located in Jefferson County, Kentucky, to-wit:

BEGINNING in the center of Dixie Highway, as formerly existing, South 34-1/2 degrees West 106 feet from a corner of Lots 6 and 7, WALNUT GROVE SUBDIVISION, as shown on plat of same recorded in Plat and Subdivision Book 3, Page 17, in the Office of the Clerk of the County Court of Jefferson County, Kentucky; thence South 34-1/2 degrees West with the center of said Dixie Highway 100 feet; thence South 56 degrees 42 minutes East 435.7 feet; thence North 34-1/2 degrees East 100 feet; thence North 56 degrees 42 minutes West 435.7 feet to the Beginning. EXCEPTING all right, title and interest acquired by the Commonwealth of Kentucky, by deed of record in Deed Book 1738, Page 288, in said Clerk's Office; and EXCEPTING therefrom so much as was conveyed to the Commonwealth of Kentucky by deed dated May 6, 1971 and recorded in Deed Book 4432, Page 14, in said Clerk's Office.

BEING the same property conveyed to Marilyn J. Giles (f/k/a Marilyn J. Travis), in fee simple by Deed dated July 28, 1989 of record in Deed Book 5883, Page 700, in the Office of the Clerk of the County Court of Jefferson County, Kentucky.

Grantors covenant that they are lawfully seized of the estate hereby conveyed and that they have full right and power to convey same and that said estate is free of all encumbrances, except easements and restrictions of record, and zoning laws, affecting said

property, if any, and except State, County, School and Fire District taxes assessed and payable in the year 1996, which taxes shall be prorated between the parties hereto on a calendar year basis as of the date hereof, and all subsequent taxes which the Grantees hereby assume and agree to pay.

The value of the property conveyed herein is \$250,000.00. Grantors and Grantees hereby certify that the consideration reflected in this deed is the full consideration paid for the property.

IN TESTIMONY WHEREOF, witness the signatures of the parties as of the date first written above.

*Marilyn Travis Giles*  
Marilyn Travis Giles, Grantor

*Mark Giles*  
Mark Giles, Grantor

*Jesse Rippy Jr.*  
Jesse Rippy Jr., Grantee

*Mary Lou Rippy*  
Mary Lou Rippy, Grantee

STATE OF KENTUCKY )  
  )  
COUNTY OF JEFFERSON )

I, a Notary public in and for the State and County aforesaid, do hereby certify that on this 16<sup>th</sup> day of January, 1996, Marilyn Travis Giles and Mark Giles, husband and wife, appeared before me and before me acknowledged that they executed and delivered the foregoing instrument as their free and voluntary act and deed.

My Commission expires: March 13, 1998

*Richard Beckman*  
NOTARY PUBLIC  
STATE AT LARGE, KENTUCKY



## interoffice memo

**Date:** OCTOBER 5, 1998  
**To:** JENNIFER DAVIS  
**From:** PHIL BILLS  
**RE:** BELLSOUTH - ROCKFORD SITE

I need the APO information for the property on the attached map. This is for BellSouth Mobility - Rockford site (97-221-E).

Prepare a typed list and mailing labels for a letter to be sent for a Community Facilities Review.

See me if you have any questions.

---

THANKS



BELL SOUTH ROCKFORD  
ANNOUNCING PROPERTY OWNERS

October 6, 1998

Block 1091 - Subject Property

Lot	97	Jesse, Jr. & Mary Lou Rippy 9102 Split Rail Drive Louisville, Kentucky 40272	6687 x 285
	73	H Ray McPhail Co Profit Sharing Trust %The Pep Boys 3111 W Allegheny Avenue Philadelphia, PA 19132	6352 x 739
	31	Curtis & Alva Hardin 4843 Dixie Highway Louisville, Kentucky 40216	4771 x 99
	29	AJ Properties 1811 Cargo Court Louisville, Kentucky 40216	6613 x 45
	81	Thomas C, Jr. & Denise A Winters 1711 Brick Kiln Lane Louisville, Kentucky 40216	6611 x 540
	142	GR & Linda M Joyce 1709 Brick Kiln Lane Louisville, Kentucky 40216	3989 x 447
	162	Thomas C & Sharon A Winters 4748 Walnut Grove Avenue Louisville, Kentucky 40216	6209 x 714
	168	Thomas C & Sharon A Winters 4748 Walnut Grove Avenue Louisville, Kentucky 40216	6611 x 540
	137	Thomas C & Sharon Winters 4748 Walnut Grove Avenue Louisville, Kentucky 40216	5510 x 946
	126	Lawrence B & A Crenshaw 4833 Dixie Highway Louisville, Kentucky 40216	3817 x 433
	136	Lawrence B & A Crenshaw 4833 Dixie Highway Louisville, Kentucky 40216	3817 x 433
	94	Kimberly B Kuprion 4740 Walnut Grove Avenue Louisville, Kentucky 40216	7027 x 658

## Block 1091

Lot 135	Dixie Properties 4436 Dixie Highway Louisville, Kentucky 40216	7101 x 475
89	Dixie Properties 4436 Dixie Highway Louisville, Kentucky 40216	5966 x 454
90	Clyde L Lewis & Patricia Blevins 4732 Walnut Grove Avenue Louisville, Kentucky 40216	5618 x 793
91	Dixie Properties 4730 Walnut Grove Avenue Louisville, Kentucky 40216	6767 x 7
92	Pauline E Vittitow 4726 Walnut Grove Louisville, Kentucky 40216	2529 x 388
93	George D Lawson, Sr. 4436 Dixie Highway Louisville, Kentucky 40216	6725 x 852
3	Dixie Properties 4436 Dixie Highway Louisville, Kentucky 40216	5823 x 965
12	Paul D II & Diana Miller 7606 Greenwood Road Louisville, Kentucky 40258	6153 x 237
9	Paul D II & Diana Miller 7606 Greenwood Road Louisville, Kentucky 40258	6153 x 237
86	William J & Virginia Davenport 6310 Powder Horn Drive Louisville, Kentucky 40216	2828 x 192
109	Gerald & Rita Brown 4743 Walnut Grove Louisville, Kentucky 40216	7040 x 649
166	Fred & Ruby Schlatter 7819 Cardinal Hill Road Louisville, Kentucky 40214	5109 x 987
154	Fred & Ruby Schlatter 7819 Cardinal Hill Road Louisville, Kentucky 40214	4458 x 517
156	Fred & Ruby Schlatter 7819 Cardinal Hill Road Louisville, Kentucky 40214	4458 x 517



Block 1078

Lot	34	James A Patterson, II 10000 Shelbyville Road Suite 100 Louisville, Kentucky 40223	4196 x 116
	46	James A Patterson, II 10000 Shelbyville Road Suite 100 Louisville, Kentucky 40223	4196 x 116
	42	James A Patterson, II 10000 Shelbyville Road Suite 100 Louisville, Kentucky 40223	4196 x 116
	3	James A Patterson & Kenneth T Burkhart 10000 Shelbyville Road Louisville, Kentucky 40223	5100 x 513

Block 1091

Lot	32	Dixie Properties 4436 Dixie Highway Louisville, Kentucky 40216	6852 x 22
	69	Brauin High Yield Venture 30 N LaSalle St, Suite 3100 Chicago, IL 60602	5809 x 89
	8	Dwight McDonald 2151 Alta Avenue Louisville, Kentucky 40205	6945 x 859
	74	Norman G Rohleder 1715 Sanders Lane Louisville, Kentucky 40216	6883 x 671
	173	Say Hai & May Cun 7307 York River Road Louisville, Kentucky 40214 4436 Dixie	5932 x 732

Jesse, Jr. & Mary Lou Rippy  
9102 Split Rail Drive  
Louisville, Kentucky 40272

H Ray McPhail Co Profit Sharing  
Trust %The Pep Boys  
3111 W Allegheny Avenue  
Philadelphia, PA 19132

Curtis & Alva Hardin  
4843 Dixie Highway  
Louisville, Kentucky 40216

AJ Properties  
1811 Cargo Court  
Louisville, Kentucky 40216

Thomas C, Jr. & Denise A Winters  
1711 Brick Kiln Lane  
Louisville, Kentucky 40216

GR & Linda M Joyce  
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Louisville, Kentucky 40216

Lawrence B & A Crenshaw  
4833 Dixie Highway  
Louisville, Kentucky 40216

Kimberly B Kuprion  
4740 Walnut Grove Avenue  
Louisville, Kentucky 40216

Dixie Properties  
4436 Dixie Highway  
Louisville, Kentucky 40216

Clyde L Lewis &  
Patricia Blevins  
4732 Walnut Grove Avenue  
Louisville, Kentucky 40216

Dixie Properties  
4730 Walnut Grove Avenue  
Louisville, Kentucky 40216

Pauline E Vittitow  
4726 Walnut Grove Avenue  
Louisville, Kentucky 40216

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Louisville, Kentucky 40258

William J & Virginia Davenport  
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Louisville, Kentucky 40216

Gerald & Rita Brown  
4743 Walnut Grove  
Louisville, Kentucky 40216

Fred & Ruby Schlatter  
7819 Cardinal Hill Road  
Louisville, Kentucky 40214

James A Patterson, II  
10000 Shelbyville Road, Suite 100  
Louisville, Kentucky 40223

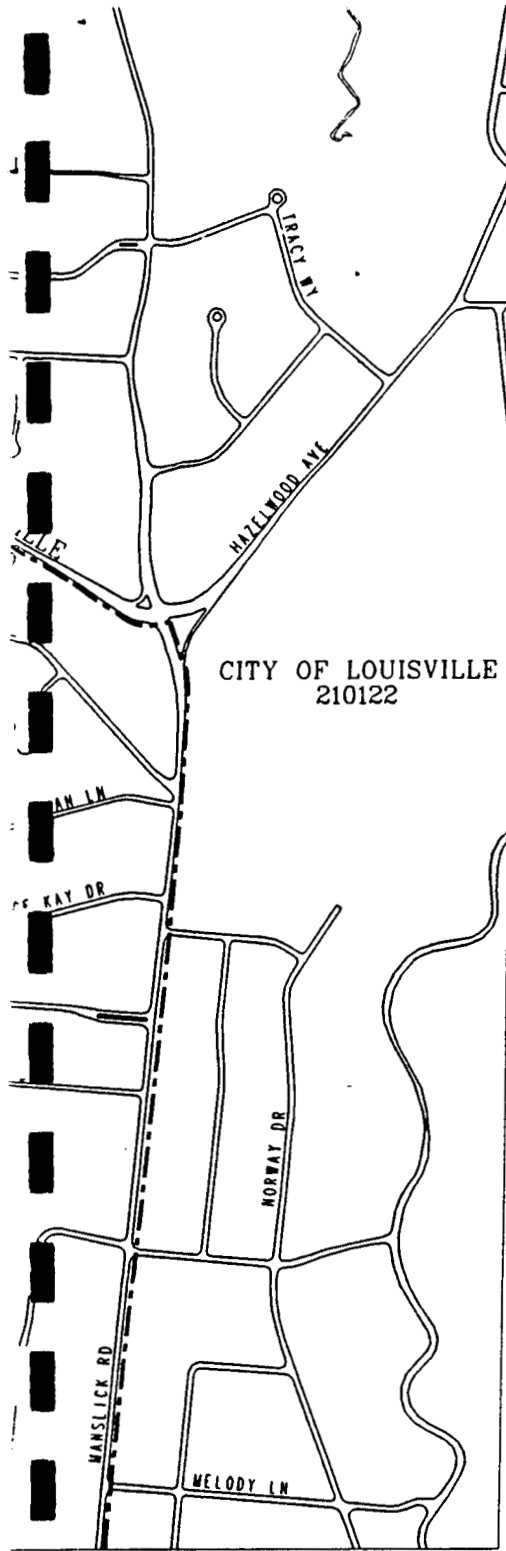
James A Patterson &  
Kenneth T Burkhart  
10000 Shelbyville Road  
Louisville, Kentucky 40223

Brauvn High Yield Venture  
30 N LaSalle St, Suite 3100  
Chicago, IL 60602

Dwight McDonald  
2151 Alta Avenue  
Louisville, Kentucky 40205

Norman G Rohleder  
1715 Sanders Lane  
Louisville, Kentucky 40216

Say Hai & May Cun  
7307 York River Road  
Louisville, Kentucky 40214

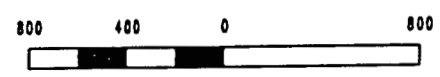


Maps plotted from the Louisville/Jefferson County Information Consortium (LOJIC) geographic information system. Planimetric map data compiled from aerial photography dated March 1986.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800)638-6670.



SCALE IN FEET



1" = 800'

NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

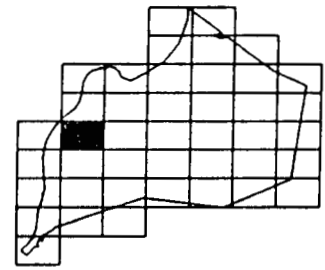
JEFFERSON COUNTY,  
KENTUCKY AND  
INCORPORATED AREAS

PANEL 135 OF 330

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF LOUISVILLE	210122	0135	D
CITY OF SHIVELY	210124	0135	D
UNINCORPORATED AREAS	210120	0135	D

PANEL LOCATION



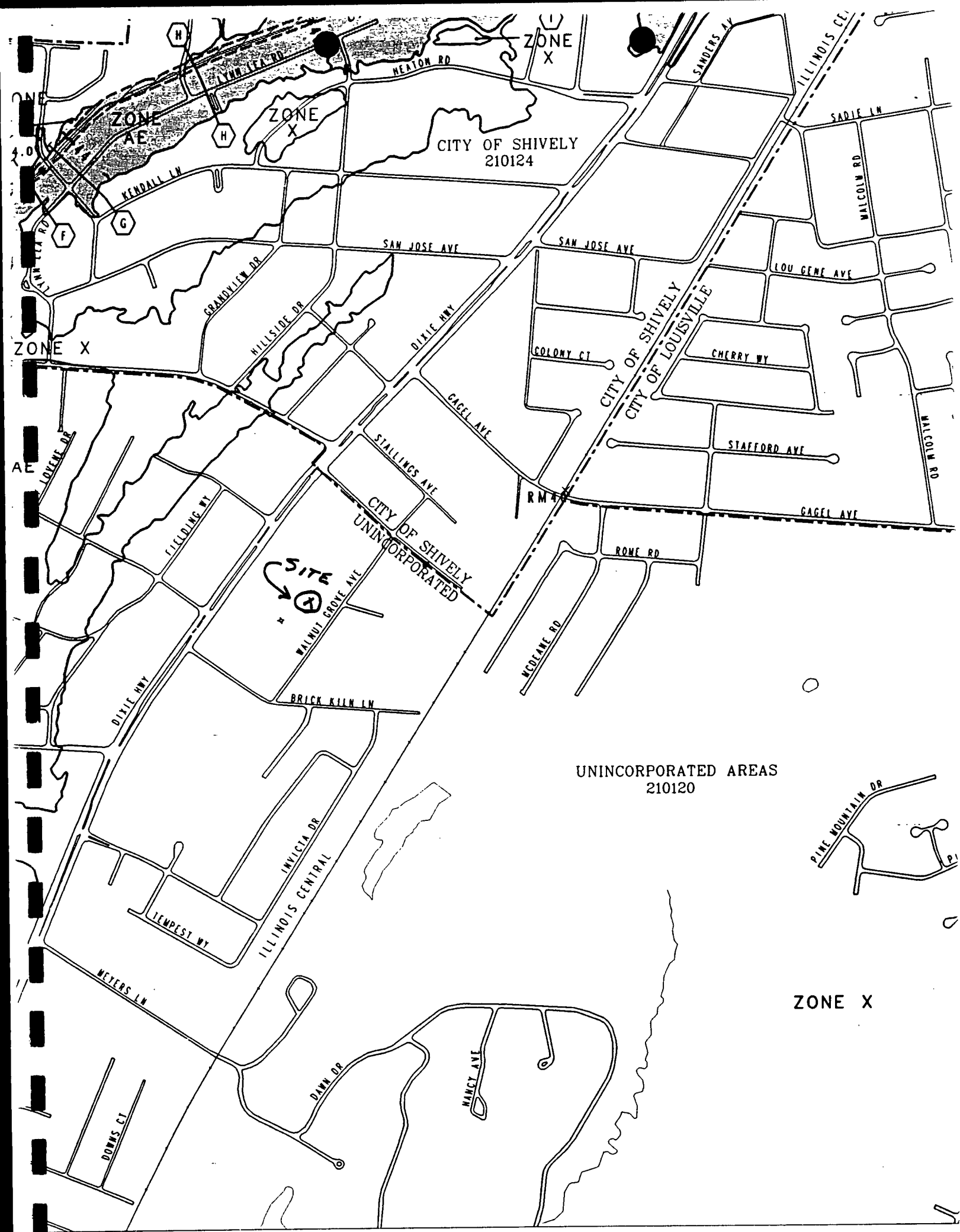
Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

MAP NUMBER:  
21111C0135 D

EFFECTIVE DATE:  
FEBRUARY 2, 1994



Federal Emergency Management Agency



CITY OF SHIVELY  
210124

UNINCORPORATED AREAS  
210120

SITE  
A

ZONE X

ZONE X

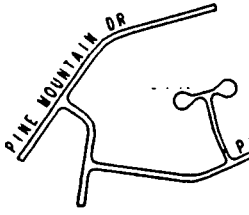
ZONE X

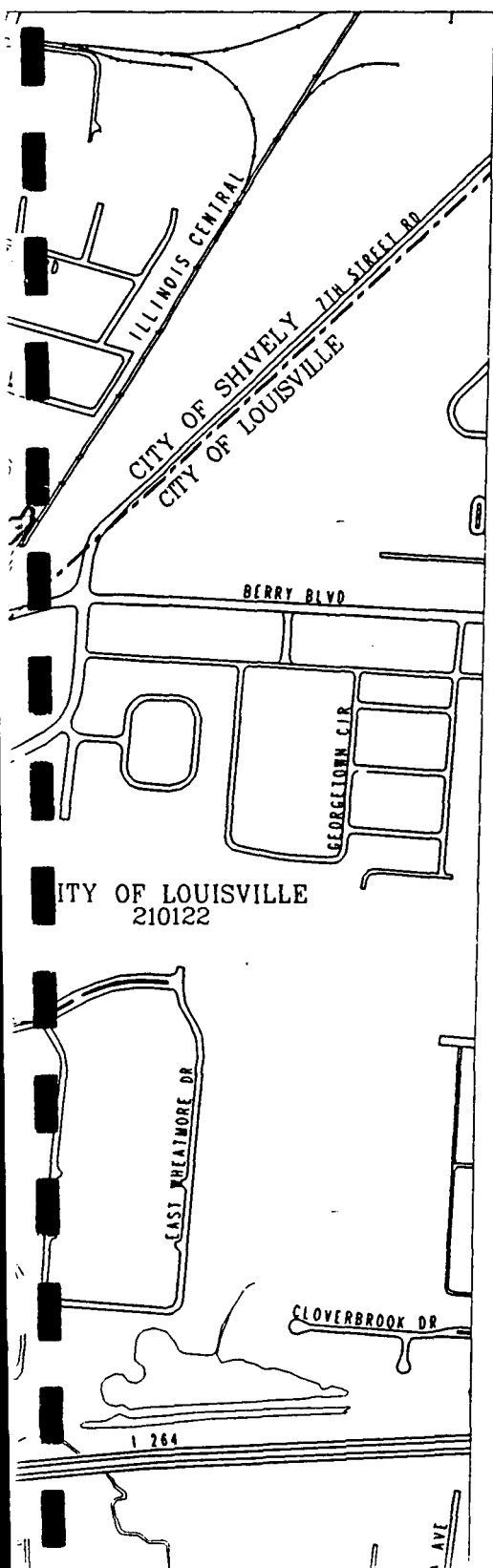
ZONE AE

ZONE X

AF

RM 4





**SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD**

- ZONE A** No base flood elevations determined
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

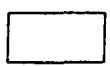


**FLOODWAY AREAS IN ZONE AE**



**OTHER FLOOD AREAS**

**ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.



**OTHER AREAS**

**ZONE X** Areas determined to be outside 500-year flood plain.  
**ZONE D** Areas in which flood hazards are undetermined.



**UNDEVELOPED COASTAL BARRIERS**

- Flood Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zone.
- Base Flood Elevation Line; Elevation in Feet
- Cross Section Line
- Base Flood Elevation in Feet Where Uniform Within Zone
- Elevation Reference Mark
- Mile Mark

\*Referenced to the National Geodetic Vertical Datum of 1929

**NOTES**

This map is for use in administering the National Flood Insurance Program; it does not necessarily identify all planimetric features outside Special Flood Hazard Area or all areas subject to flooding, particularly from local drainage sources of small size.

Areas of Special Flood Hazard (100-year flood) include zones, A, AE, AH, AO, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Refer to Floodway Data Table where floodway width is shown at 1/20 inch.

Coastal base flood elevations apply only landward of the shoreline.

This map incorporates approximate boundaries of coastal barriers established under the Coastal Barrier Resources Act (PL 97-348).

Elevation reference marks are described in the Flood Insurance Study Report.

**BellSouth Mobility**  
1650 Lyndon Farms Court  
Louisville, KY 40223

502 329-4700  
Fax 502 329-4729

**VIA FEDERAL EXPRESS**

October 19, 1998

Mr. Sam McNamara, Esq.  
Attorney at Law  
315 High Street  
Frankfort, KY 40602

COPY

Re: Kentucky CGSA, Inc. Application for CPCN for a New Cell Site -  
Rockford, Jefferson County, Kentucky.

Dear Sam:

The documentation for filing of a CPCN application for the above referenced cell site -  
Rockford (LOU-RF) is enclosed.

The cell site will consist of a 150' monopole tower with nine (9) antennas (total 160' AGL) and a  
prefabricated building to house radio equipment.

There are twenty-five property owners within 500' of our tower.

The site location is Dixie Florist, Inc., 4823 Dixie Hwy., Louisville, KY 40216. The property  
owners are Mary Lou and Jesse Rippey, Jr., 4823 Dixie Hwy., Louisville, KY 40216. Directions  
to the site are: In Louisville take I-264 west to Hwy. 60 & 31W (Dixie Hwy., Exit #8A) go  
south on Dixie Hwy. approximately 1 mile to 4823 Dixie Hwy. The site is located in the very  
rear of Dixie Florist located at this address.

Included herewith are the following:

- Drawings - Site Plan, Elevation, Location Map, Vicinity Map and  
Elevation - Building and Tower, Boundary Survey, Exhibit of Tower Site
- Copy of Lease Agreement
- Current FCC Radio Station Authorization
- Applications with FAA and Kentucky Aeronautical Board
- Soils/Geotechnical Analysis, Tower Analysis

- List of Property Owners Within 500' of Tower

Cost of construction of this cell site is estimated at \$777,708 and operations costs for one year are estimated at \$130,000.

Please let us know if you need further information. Your assistance in obtaining the CPCN approval as quickly as possible will be appreciated.

Sincerely,

BELLSOUTH MOBILITY INC

*Lawrence Hester / BmR*

Lawrence Hester  
Real Estate Manager - Kentucky

cc: Susan Israel, BSCC Regulatory Affairs



428 Warnock Street  
Louisville, KY 40217  
(502) 635-5866  
(502) 636-5263 (Fax)

LOU-RF (ROCKFORD)

10-5-98

<u>BLOCK/LOT</u>	<u>PROPERTY OWNER'S ADDRESS</u>	<u>DEED BOOK/PAGE</u>
1091/97	Jesse & Mary Lou Rippy, Jr. 9102 Split Rail Drive Louisville, KY 40272	6687 x 285
1091/31	Curtis & Alva Hardin 4843 Dixie Hwy. Louisville 40216	4771 x 99
1091/73	H. Ray McPhail Co. Profit Sharing Trust c/o The Pep Boys 3111 W. Allegheny Ave. Philadelphia, PA 19132	6352 x 739
1091/173	Say Hai & May Cun 7307 York River Road Louisville, KY 40214	5932 x 732
1091/74	Norman G. Rohleder 1715 Sanders Lane Louisville, KY 40216	6883 x 671
1091/26	Dwight McDonald 2151 Alta Avenue Louisville, KY 40205	6945 x 859
1091/126	Lawrence B. & A. Crenshaw 4833 Dixie Hwy. Louisville, KY 40216	3817 x 433
1091/136	Lawrence B. & A. Crenshaw 4833 Dixie Hwy. Louisville, KY 40216	3817 x 433
1091/94	Kimberly B. Kuprion 4740 Walnut Grove Avenue Louisville, KY 40216	7027 x 658
1091/135	Laverne Jamison 4738 Walnut Grove Avenue Louisville, KY 40216	3588 x 546
1091/29	A. J. Properties 1811 Cargo Court Jeffersontown, KY 40299	6613 x 45
1091/69	Brauvin High Yield Venture 30 N. LaSalle Street Ste. 3100 Chicago, IL 60602	5809 x 89



<u>BLOCK/LOT</u>	<u>PROPERTY OWNER'S ADDRESS</u>	<u>DEED BOOK/PAGE</u>
1091/32	Dixie Properties 4436 Dixie Hwy. Louisville, KY 40216	6852 x 22
1091/93	George D. Lawson, Sr. 4436 Dixie Hwy. Louisville, KY 40216	3725 x 852
1091/92	Pauline E. Vittitow 4726 Walnut Grove Avenue Louisville, KY 40216	2529 x 388
1091/91	Clyde L. Lewis & Patricia Blevins 4732 Walnut Grove Avenue Louisville, KY 40216	5618 x 793
1091/89	Dixie Properties 4436 Dixie Hwy. Louisville, KY 40216	5966 x 454
1091/137	Thomas Cash & Sharon A. Winters 4748 Walnut Grove Avenue Louisville, KY 40216	5510 x 946
1091/168	Thomas Cash & Sharon A. Winters 4748 Walnut Grove Avenue Louisville, KY 40216	6611 x 540
1091/81	Thomas C. & Denise A. Winters, Jr. 1711 Brick Kiln Lane Louisville, KY 40216	6611 x 540
1091/142	G.R. & Linda M. Joyce 1709 Brick Kiln Lane Louisville, KY 40216	3989 x 447
1091/162	Thomas Cash & Sharon A. Winters 4748 Walnut Grove Avenue Louisville, KY 40216	6209 x 714
1091/156	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517
1091/155	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517
1091/154	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517
1091/153	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517

<u>BLOCK/LOT</u>	<u>PROPERTY OWNER'S ADDRESS</u>	<u>DEED BOOK/PAGE</u>
1091/166	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	5109 x 987
1091/109	Gerald A. & Rita G. Brown 4743 Walnut Grove Louisville, KY 40216	7040 x 649
1091/86	William J. & Virginia Davenport 6310 Powder Horn Drive Louisville, KY 40216	2828 x 192
1091/39	James A. Hall & William R. Atterberry 5619 McDeane Road Louisville, KY 40216	6156 x 757
1091/9	Paul D. & Diana Miller II 7606 Greenwood Road Louisville, KY 40258	6153 x 237
1091/12	Paul D. & Diana Miller II 7606 Greenwood Road Louisville, KY 40258	6153 x 237
1091/88	Ruby Parker 4727 Walnut Grove Avenue Louisville, KY 40216	6811 x 221



United States of America  
Federal Communications Commission  
**RADIO STATION AUTHORIZATION**  
Cellular Radiotelephone Service

KENTUCKY CGSA, INC.  
1100 PEACHTREE STREET  
SUITE 14E06  
ATLANTA, GA 30309

Call Sign: KNKA245

Market: 0037      Channel Block: B-1      SID: 0076  
Market Name:      LOUISVILLE, KENTUCKY/INDIANA

.....  
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.

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Initial Grant Date..... December 03, 1984  
Expiration Date..... May 15, 2005

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**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 transferred 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 IFG on Thursday January 30, 1997  
FCC Form 463A

**CONTROL POINTS:**

<u>Number</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Phone Number</u>
1	3503 College Drive	Jeffersontown	KY ( ) -	

**STRUCTURES AND ANTENNAS:**

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
001	38°09'30"N	085°48'51"W		01321-CL-ML-95	1,3,11 & 21

Location Description, City, County, State

2601 Quillman Hill Road , Louisville, JEFFERSON, KY

**Antenna: A**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	117.00	100.00	99.00	89.00	50.00	104.00	56.00	87.00
<b>Transmitter ERP (w)</b>	40.00	21.00	4.00	0.46	0.37	0.54	4.00	26.00

**Antenna: B**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	117.00	100.00	99.00	89.00	50.00	104.00	56.00	87.00
<b>Transmitter ERP (w)</b>	1.00	10.00	34.00	35.00	14.00	1.00	0.16	0.22

**Antenna: C**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	124.00	106.00	106.00	96.00	57.00	111.00	63.00	94.00
<b>Transmitter ERP (w)</b>	3.00	0.37	0.34	5.00	38.00	93.00	80.00	25.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
002	38°11'39"N	085°34'03"W		05418-CL-ML-94	none

Location Description, City, County, State

3503 College Drive , Jeffersontown, JEFFERSON, KY

**STRUCTURES AND ANTENNAS**

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	58.00	53.00	59.00	66.00	70.00	72.00	107.00	97.00
Transmitter ERP (w)	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	58.00	53.00	59.00	66.00	70.00	72.00	107.00	97.00
Transmitter ERP (w)	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
004	38°22'54"N	085°26'38"W		04354-CL-ML-94	none

Location Description, City, County, State

3400 Cedar Point Road , Buckner, OLDHAM, KY

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	95.00	53.00	49.00	64.00	85.00	82.00	100.00	99.00
Transmitter ERP (w)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	95.00	53.00	49.00	64.00	85.00	82.00	100.00	99.00
Transmitter ERP (w)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
007	37°57'41"N	085°42'02"W		06599-CL-ML-94	A,H,I

Location Description, City, County, State

Cooper Run Road , Shepherdsville, BULLITT, KY

**STRUCTURES AND ANTENNAS:**

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	143.00	121.00	109.00	99.00	131.00	120.00	121.00	116.00
Transmitter ERP (w)	93.00	100.00	77.00	31.00	23.00	31.00	76.00	100.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	143.00	121.00	109.00	99.00	131.00	120.00	121.00	116.00
Transmitter ERP (w)	93.00	100.00	77.00	31.00	23.00	31.00	76.00	100.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
008	38°25'18"N	085°49'42"W		02597-CL-ML-93	A,H & I

Location Description, City, County, State

RT. 1 BALLOU RD., SELLERSBURG, CLARK, IN

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	216.00	234.00	230.00	243.00	225.00	135.00	128.00	173.00
Transmitter ERP (w)	6.00	29.00	53.00	49.00	52.00	44.00	12.00	4.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	216.00	234.00	230.00	243.00	225.00	135.00	128.00	173.00
Transmitter ERP (w)	6.00	29.00	53.00	49.00	52.00	44.00	12.00	4.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
011	38°12'53"N	085°25'08"W		05610-CL-ML-94	1,3,12,21

Location Description, City, County, State

1410 CLARK STATION ROAD, FISHERVILLE, JEFFERSON, KY

**STRUCTURES AND ANTENNAS**

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	77.00	60.00	66.00	78.00	87.00	110.00	96.00	84.00
Transmitter ERP (w)	100.00	89.00	61.00	22.00	16.00	20.00	61.00	97.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	77.00	60.00	66.00	78.00	87.00	110.00	96.00	84.00
Transmitter ERP (w)	100.00	89.00	61.00	22.00	16.00	20.00	61.00	97.00

**Location   Latitude   Longitude   Tower#   File Number   Markings**

016   38°34'21"N   085°46'42"W   01336-CL-ML-94   a,h,i

**Location Description, City, County, State**

10015 Brownstown Road , Henryville, Clark, IN

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	92.00	81.00	80.00	101.00	120.00	69.00	23.00	53.00
Transmitter ERP (w)	0.36	1.00	13.00	65.00	75.00	64.00	13.00	1.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	92.00	81.00	80.00	101.00	120.00	69.00	23.00	53.00
Transmitter ERP (w)	0.36	1.00	13.00	65.00	75.00	64.00	13.00	1.00

**Location   Latitude   Longitude   Tower#   File Number   Markings**

017   38°20'17"N   085°53'38"W   01340-CL-ML-94   none

**Location Description, City, County, State**

706 Brush College Road , Floyd Knobs, Floyd, IN

**STRUCTURES AND ANTENNAS**

**Antenna: A**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	102.00	122.00	190.00	196.00	157.00	92.00	117.00	84.00
Transmitter ERP (w)	19.00	59.00	75.00	75.00	59.00	29.00	14.00	14.00

**Antenna: B**

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	102.00	122.00	190.00	196.00	157.00	92.00	117.00	84.00
Transmitter ERP (w)	19.00	59.00	75.00	75.00	59.00	29.00	14.00	14.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
024	38°11'26"N	085°44'28"W		02075-CL-ML-95	none

Location Description, City, County, State

824 Phillips Lane , Louisville, JEFFERSON, KY

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
028	38°36'13"N	085°20'22"W		07708-CL-ML-95	a,h,i,1,3,4,13,21,22

Location Description, City, County, State

Colbert Lane , Bedford, TRIMBLE, KY



**SYSTEM DESIGN PLAN  
BELLSOUTH MOBILITY  
KENTUCKY**

**NAME: ROCKFORD LANE  
SITE: LOUISVILLE-RFL**

ISSUED BY: DAN BENNETT  
DATE ISSUED: 10/7/98  
INITIAL SDP

SWITCH LOCATION: LOUISVILLE MTSO  
MARKET LOCATION: LOUISVILLE MSA

CELL #: TBD

TOWER TYPE: 150' MONO POLE GROUND ELEVATION: 452'

FAA COORDS: NAD 83 LAT: 38-10-16.55 LON: 85-49-28.09

SITE LOCATION: 4823 DIXIE HWY. LOUISVILLE KY 40216

FAA STUDY #: 98-ASO-XXXX-OE MAX FAA (AMSL): 612' MAX FAA (AGL): 160'

LIGHTING REQ.: REQUEST OMISSION

**CELLULAR ANTENNAS & EQUIPMENT**

COAX SIZE & TYPE: LDF6-50A 1-1/4"

ANTENNA	QTY	MODEL	C/L	TIP	MTILT	AZIMUTH
TX	1	DB874H105-X	154'	156'	5	0
TX	1	DB874H105-X	154'	156'	5	120
TX	1	DB874H105-X	154'	156'	5	240
RX	2	DB874H105-X	154'	156'	5	0
RX	2	DB874H105-X	154'	156'	5	120
RX	2	DB874H105-X	154'	156'	5	240

**POWER REQUIREMENTS**

		ALPHA	BETA	GAMMA
ERP:	@	25 WATTS	35 WATTS	50 WATTS
ANTENNA GAIN:	@	12.0 dB	12.0 dB	12.0 dB
FEEDLINE LOSS:	@	1.7 dB	1.7 dB	1.7 dB
JUMPER LOSS:	@	0.5 dB	0.5 dB	0.5 dB
HATCHPLATE PWR.	@	2.62 WATTS	3.66 WATTS	5.24 WATTS

NOTES: WILL, PLEASE INSTALL A LIGHTNING ROD TO A FAA MAX OF 160' AGL

**REPORT OF SUBSURFACE EXPLORATION**

**PROPOSED LOU-RF-2 CITY TOWER  
Jefferson County, Kentucky**

*BELLSOUTH Mobility, Inc.  
1650 Lyndon Farms Court  
Louisville, Kentucky 40223*

Prepared By  
**HAGERTY**  
**A d k I n s o n**  
**Engineering Consultants**

2305 Surrey Road  
Jeffersonville, Indiana 47130

October 9, 1998

Hagerty Adkinson

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## SUMMARY

### I. Site Conditions

- A. Surface - high grasses and brush.
- B. Geology - Recent floodplain deposits over Outwash.
- C. Soils - about 6 inches to 2 feet of topsoil (with fill in boring B-1) overlying brown -gray silty clays, over sands at 13-15 feet over gravelly sands at about 34 feet.
- D. Depth to Rock - auger refusal was not encountered in the two borings advanced.

### II. Foundation Recommendations

#### Tower Foundation Design Parameters -

The tower should be supported by a drilled pier extending through the clays into the sands present on-site. The pier should be designed to be at least 6.0 feet in diameter and should extend at least 22 feet below the existing ground surface. The pier should be designed using a value of side friction between soil and concrete of 500 pounds per square foot (psf) and a design end-bearing pressure of 3,000 psf.

#### Switchgear Building Design Parameters -

The building foundation should be designed as a continuous, soil-bearing footing. The footing should bear at a depth of at least 30 inches below final exterior grade and should be designed using a maximum allowable soil bearing pressure of 1,500 psf.

The entire contents of this report should be read and evaluated prior to utilization of the recommendations given above, in the preparation of design and construction documents.

## PROJECT INFORMATION

### Project Authorization

This report presents the results of the subsurface exploration and engineering evaluation for the proposed LOU-RF-2 antenna tower to be constructed for BellSouth Mobility, Inc., (BMI), in Jefferson County, Kentucky. Authorization to perform this exploration and

Two (2) borings were advanced in the tower area on-site. The locations of these borings are shown on the attached Boring Location Plan. This scope of work was discussed with Mr. Larry Hester, of BellSouth Mobility, and was approved prior to the start of field activities.

## **SITE AND SUBSURFACE CONDITIONS**

### Site Description and History

The proposed lease area was located to the east of a parcel at 4823 Dixie Highway in Jefferson County, Kentucky, southwest of Louisville. The project area was occupied primarily by residential and commercial properties. The project site was bordered on the northwest by a gravel parking lot, on the northeast and southwest by undeveloped lots, and on the southeast by a drainage ditch.

The proposed project site was 60 feet by 80 feet in plan dimensions. The site surface at the time of exploration was covered by high grasses and thick brush. Several large, mature trees were present within the lease area. The area was relatively level; there was less than one foot of relief across the site.

Drainage on-site would occur as sheet flow along natural gradients to the drainage ditch to the southeast. There were no signs to indicate that persistent standing water or poor drainage were present on-site.

### Site Geology

According to the Louisville West Geologic Quadrangle map, published by the United States Geologic Survey (USGS), the project site is underlain by fluvial-glacial outwash. This alluvial material was deposited as glacial meltwaters flowed along tributaries of the previous alignment of the Ohio River. The outwash deposits are relatively thick (up to 170 feet) and are overlain by relatively recent deposits of clay and silt at shallow depths. Beneath the clay and silt layers, sands and gravels are located. The sand and gravel layers commonly are cross-bedded and interbedded as a result of the variable depositional characteristics at different times during the formation of the unit. In addition, localized groundwater flow systems are common.

### Subsurface Conditions

The site subsurface conditions were explored with two soil test borings drilled within the proposed construction area. The types of foundation bearing materials encountered in the

exploration have been classified visually and are described on the Boring Logs. Included on the Logs are Standard Penetration Resistance values, groundwater level readings, and descriptions of the strata penetrated. The number, depths, and locations of the borings were designed to provide information concerning subsurface conditions across the site. Borings were located in the field utilizing the site data package and standard taping procedures, and indicated locations are presumed to be accurate within a few feet. The boring locations are shown on the attached Boring Location Plan. Soil samples were sealed in sample jars to prevent moisture loss. Field testing was conducted in general accordance with ASTM standards and other industry-accepted methods.

A layer of topsoil was encountered at the ground surface in both borings. In boring B-2, the topsoil layer was about 6 inches thick. The top layer in boring B-1 included some debris fill and extended to about 2 feet. Topsoil and fill deposit thicknesses elsewhere may vary.

Beneath the topsoil, a layer of silty clay was identified. The clay layer was brown and gray, firm to very stiff in consistency, moist, and of low plasticity. The brown and gray silty clays extended to depths of 14.5 feet and 12.5 feet in borings B-1 and B-2, respectively.

The silty clays transitioned into brown sands which were poorly graded and very loose to dense in consistency. The sands typically were coarse-grained and moist. Beneath a depth of about 34 feet, the sand layers contained gravel, were dense, and were wet. The gravelly sands extended to boring termination at depths of 40 feet in both borings.

#### Groundwater Information

Groundwater was encountered at a depth of 23 feet in boring B-1; boring B-2 caved at about the same elevation, and the sand below that level was wet in boring B-2. Variable groundwater levels in outwash deposits are common. Because of safety considerations, the holes were backfilled upon completion and no twenty-four-hour readings were taken. The absence or presence of groundwater presented in this report was indicated by conditions measured at the time of our field activities. Fluctuations in groundwater level should be anticipated. It is possible that perched and/or trapped water is present on-site, especially within the deeper layers containing gravel. Volumes of such perched or trapped groundwater may be significant.

## EVALUATION AND RECOMMENDATIONS

### Site Preparation Recommendations

To prepare the site for construction, the entire tower area should be stripped of all surficial materials. Stripping should extend to dimensions sufficient to allow adequate access to excavations for the foundation system and to allow progress of construction operations.

Most of the lease area will be used for the proposed foundations; therefore, proofrolling probably will not be required on this project site. If site grading plans change, and significant fill volumes will be placed on-site, the geotechnical engineer should be contacted so that she can provide proofrolling recommendations.

At this time, significant fill is not planned for the site. If earthwork plans change, controlled fill should be either well-graded aggregate, or low plasticity clay, or clean sand. Any clay fill soil should have a plasticity index less than 40, and a maximum dry density, as determined by the Standard Proctor test (ASTM D-698), of at least 100 pounds per cubic foot (pcf). Any fill material should be placed and compacted to at least 90% of the Standard Proctor maximum dry density of the material. In-place density tests may be performed to confirm that the desired density has been achieved.

### Foundation Recommendations

Based on the subsurface conditions encountered and the assumed loading information, the proposed tower should be supported by a drilled pier embedded into the clays and sands present under the project site. The pier should be at least 6.0 feet in diameter and should be designed to extend at least 22 feet below the existing ground surface. If fill encountered on-site at the time of construction is deeper than 3 feet, the geotechnical engineer should be contacted to provide revised depth recommendations. If anchor bolt specifications require a greater diameter than 6 feet, the revised diameter should be provided to HAEC so that an appropriate pier length can be calculated. The pier should be designed using a value of side friction between soil and concrete of 500 psf and an end-bearing value on sand of 3,000 pounds per square foot. The upper 5 feet of soil should be neglected when calculating the pier length. Reinforcing steel in the pier should be selected to resist the design lateral loads and overturning moment.

The switchgear building should be designed to be supported on a continuous, shallow, soil-bearing footing. The footing should be designed using a maximum net allowable soil bearing pressure of 1,500 psf. (This design bearing pressure was formulated using a predicted maximum total settlement of not more than 1 inch). In general, the foundation should be designed to bear on silty clays at a depth of 30 inches below the final exterior grade.

The geotechnical engineer should be present to confirm that bearing materials are suitable and that the foundation design specifications have been achieved in the field.

### **CONSTRUCTION CONSIDERATIONS**

Construction of the foundation will require special consideration and planning. Such considerations are given in the following paragraphs. The geotechnical engineer should be present at the time of construction to confirm the presence of appropriate support conditions.

Dry auger methods probably can be used to construct the drilled pier foundation; however, the use of a steel casing may be required as the excavation is advanced through the sand layers. The concrete slump should be 5 to 7 inches to allow coverage of the reinforcing steel, and the final concrete volume should be monitored to confirm that there were no inclusions generated during concrete placement.

If water is present in the pier excavation, dewatering should be conducted while the excavation is open. The water depth in the bottom of the excavation should not exceed 2 inches just prior to concrete placement. If dewatering to such a level cannot be accomplished, the water in the excavation should be allowed to attain a static level. Then, concrete should be pumped or tremied to the bottom of the shaft excavation. As concrete placement continues, the tremie or pump head should be raised up through the excavation. At least 5 feet of embedment of the tremie or head into the concrete should be maintained at all times. If groundwater inflow is significant, it may be necessary to utilize a polymer slurry to maintain an open excavation. The geotechnical engineer should be present to identify potential problems generated by groundwater inflow. Concrete for the pier should be placed the same day as pier excavation is completed.

The excavations for the building foundation should be observed by the geotechnical engineer to confirm the presence of suitable conditions. If the exposed materials are significantly deleterious, overexcavation should be conducted until suitable materials are encountered. All significant occurrences of loose material and debris should be cleaned from the excavation prior to concrete placement. Since the soils encountered on-site are susceptible to degradation if exposed to the elements for any significant time period, concrete should be



placed the same day excavation occurs. If concrete placement cannot take place the same day, a mud mat of lean concrete can be placed on the same day to prevent degradation of the subgrade. If a mud mat is not placed, the geotechnical engineer should observe the subgrade just prior to concrete placement to determine whether degraded soils must be removed from the subgrade surface.

### REPORT LIMITATIONS


The recommendations submitted for the proposed project are based on the available soil information obtained, and design details furnished by Mr. Larry Hester, representing BellSouth Mobility, Inc., and by Mr. Bill Grigsby, of Nolan and Nolan Architects. If there are any revisions to the plans for this project or if deviations from the noted subsurface conditions are encountered during construction, the geotechnical engineer should be notified immediately to determine if changes in the foundation or other recommendations are required.

The geotechnical engineer warrants that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with generally accepted professional geotechnical engineering practices in the local area. No other warranties are implied or expressed.

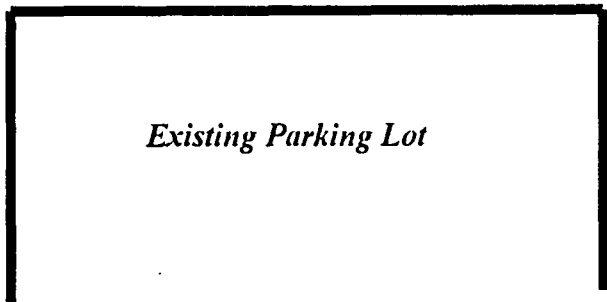
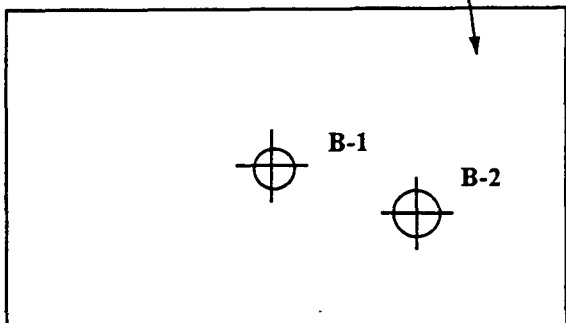
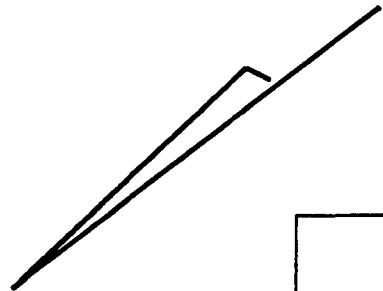
After the plans and specifications are more complete, they should be reviewed by the geotechnical engineer to affirm proper incorporation of the report recommendations into the design documents. At that time, it may be necessary to submit supplemental recommendations. This report has been prepared for the exclusive use of BellSouth Mobility, Inc., for specific application to the proposed LOU-RF-2 antenna tower project at the described location.

*Appendix*

Boring locations are approximate.

LEGEND	
	Soil Test Boring

BMI Lease Area



*Existing Parking Lot*

<i>PROJECT NO.: 8G039</i>	<i>DRAWN BY: PMH    CHECKED BY: DJH</i>
<b>BORING LOCATION PLAN PROPOSED LOU-RF-2 TOWER <i>BELLSOUTH Mobility, Inc.</i> JEFFERSON CO., KENTUCKY</b>	<i>DATE: 10/08/98</i>
	<i>DRAWING NO.: 8G039-1</i>
	<b>HAGERTY                      2305 Surrey Road</b> <b>A d k i n s o n                      Jeffersonville, Indiana 47130</b> <b>Engineering Consultants                      (812)280-0752</b>

# HAGERTY

A d k i n s o n  
**Engineering Consultants**  
 2305 Surrey Road  
 Jeffersonville, Indiana 47130

**BORING #:** B-1

**PROJECT:** LOU-RF-2 TOWER

**DATE:** 10/05/98

**LOCATION:** Jefferson County, Kentucky

0  
2.0'  
  
  
  
  
14.5'  
  
  
  
  
30.0'

DESCRIPTION	N	Mc	Sample	Remarks
Surface Elevation - Not Provided				
TOPSOIL, with debris FILL	5		0-1.5'	<i>Groundwater Encountered at 23'</i>
	4		1.5-3.0	
CLAY, silty, brown and gray, low plasticity, (CL), firm to very stiff, moist	6		4.0-5.5	
	11		6.5-8.0	
	12		9.0-10.5	
	7		14.0-15.5	
SAND, brown, poorly graded, coarse-grained, very loose to loose, with random GRAVEL	6		19.0-20.5	
	3		24.0-25.5	
	6		29.0-30.5	

# HAGERTY

A d k i n s o n  
**Engineering Consultants**  
 2305 Surrey Road  
 Jeffersonville, Indiana 47130

**BORING #:** B-1  
 (cont'd.)  
**DATE:** 10/05/98

**PROJECT:** LOU-RF-2 TOWER  
**LOCATION:** Jefferson County, Kentucky

DESCRIPTION	N	Mc	Sample	Remarks
30.0' SAND, brown, poorly graded, coarse-grained, loose to medium dense				
34.0' SAND, brown, poorly graded, coarse-grained, wet, with GRAVEL	13			
40.0' BORING TERMINATED AT 40'	15			
60.0'				



# HAGERTY

A d k i n s o n  
Engineering Consultants

2305 Surrey Road  
Jeffersonville, Indiana 47130

**BORING #:** B-2

**PROJECT:** LOU-RF-2 TOWER

**DATE:** 10/05/98

**LOCATION:** Jefferson County, Kentucky

DESCRIPTION	N	Mc	Sample	Remarks
Surface Elevation - Not Provided				
TOPSOIL	11		0-1.5'	<i>Caved and dry at 25'</i>
CLAY, silty, brown and gray, low plasticity, (CL), firm to very stiff, moist	7		1.5-3.0	
	16		4.0-5.5	
	13		6.5-8.0	
	19		9.0-10.5	
	6		14.0-15.5	
SAND, brown, poorly graded, coarse-grained, very loose to loose	12		19.0-20.5	
	2		24.0-25.5	
	2		29.0-30.5	

0  
0.5'

12.5'

30.0'

(with GRAVEL and wet below about 24')

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

AERONAUTICAL STUDY NUMBER

## APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

- INSTRUCTIONS ON REVERSE SIDE OF FORM -

### 1. NATURE OF PROPOSAL

<b>A. TYPE</b> <input checked="" type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> ALTERATION	<b>B. CLASS</b> <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> TEMPORARY	<b>C. WORK SCHEDULE</b> BEGIN <u>After FAA Approval</u> END <u>Within 6 Months</u>
---	--	--

### 2. DESCRIPTION OF STRUCTURE

This proposed cellular communications installation will operate in the 800-900 MHz band with 100 Watts ERP; 6.000 GHz and 11 GHz Microwave with 5 Watts ERP.

The proposed site is located 450' East from the intersection of Lewiston Drive and U.S. Routes 31W/60 (chart attached). The ARP of Louisville International-Standiford Field is located 4.17 NM on a True Bearing of 87.16° from the site.

### 3A. APPLICANT - NAME, ADDRESS & TELEPHONE

Den Bennett  
 BellSouth Mobility  
 1650 Lyndon Farms Court  
 Louisville, Kentucky 40223  
  
 (502) 329-7601

### B. REPRESENTATIVE OF APPLICANT - NAME, ADDRESS & TELEPHONE

David R. Hunter  
 Airspace Safety Analysis Corporation  
 Two Crown Center  
 1745 Phoenix Boulevard, Suite 120  
 Atlanta, Georgia 30349  
  
 (770) 904-1557

### 4. LOCATION OF STRUCTURE

<b>A. GEOGRAPHIC COORDINATES (NEAREST SECOND)</b> LATITUDE 38° 10' 16.55" LONGITUDE 085° 49' 28.09"	<b>B. NEAREST KY CITY</b> Louisville, Kentucky (1) DISTANCE TO 4B In City (2) DIRECTION TO 4B In City	<b>C. NEAREST KY AIRPORT</b> Louisville Intl Standiford Field (1) DISTANCE TO RUNWAY 3.69 NM (2) DIRECTION TO AIRPORT 81.60° True Bearing
---	--	--

### 5. HEIGHT & ELEVATION

<b>A. SITE ELEVATION (ABOVE MEAN SEA LEVEL)</b> 452'	
<b>B. HEIGHT OF STRUCTURE, INCLUDING APPURTENANCES AND LIGHTS (ABOVE GROUND LEVEL)</b> 160'	
<b>C. OVERALL HEIGHT (AMSL) (A+B)</b> 612'	

### 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?

Yes

### 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.

BY Den Bennett, Engineer  
 NAME (PRINTED), SIGNATURE & TITLE

# FILE COPY

DATE \_\_\_\_\_

**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 PENALTIES.**

<b>COMMISSION ACTION</b>  APPROVED _____ DISAPPROVED _____	_____ CHAIRMAN, KAZC (OR) _____ ADMINISTRATOR, KAZC  _____ DATE _____
---	---



FILE COPY

Notice of Proposed Construction or Alteration

Aeronautical Study Number

Department of Transportation  
Federal Aviation Administration

Nature of Proposal

Type <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration	B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration months)	C. Work Schedule Dates Beginning <u>After FAA Approval</u> End <u>Within 6 Months</u>
---	---	---

2. Complete Description of Structure

Please describe on a separate sheet of paper if necessary, the proposed construction or alteration.

A. For proposals involving transmitting stations, include effective radiated power (ERP) and assigned frequency of all proposed or modified transmitters on the structure. (If not known, give frequency band and maximum ERP).

B. For proposals involving overhead wire, transmission lines, etc., include the size and the configuration of the wires and their supporting structures.

C. For all proposals, include site orientation, dimensions, and construction materials of the proposed or altered structure.

D. **Optional**—Describe the type of obstruction marking and lighting system desired for your structure. The FAA will recommend appropriate marking and lighting for the structure in accordance with the standards of Advisory Circular AC 70/7460-1. An FAA marking and lighting recommendation will reflect the minimum acceptable level of conspicuity necessary to warn pilots of the presence of an object. However, the FAA under certain circumstances, will not object to the use of a system (such as a medium intensity flashing white light system or a dual lighting system) other than the recommended standard.

(See Attached Addendum)

Alteration, provide previous FAA Aeronautical Study Number, if available:

Name, address, and telephone number of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State, and, Zip Code)

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

( 502 ) 329-7601  
Area Code Telephone Number

3B. Name, address and telephone number of proponent's representative, if different than 3A. above.

**David R. Hunter**  
Airspace Safety Analysis Corporation  
Two Crown Center  
1745 Phoenix Boulevard, Suite 120  
Atlanta, Georgia 30349

( 770 ) 994-1557  
Area Code Telephone Number

4. Location Of Structure

Coordinates (to hundredths of seconds, if known)

Latitude	Longitude
38 10 16.55	085 49 28.09

Source of coordinate information for item 4A. above.  
 USGS 7.5' Quad Chart  Survey  Other Specify

Indicate the reference datum of the coordinates, if known.  
 NAD 27  NAD 83  Other Specify

B. Nearest City or Town and State  
**Louisville, Kentucky**

(1). Distance to 4B  
**In City**

(2). Direction to 4B  
**In City**

C. Nearest public or military airport, heliport, flightpark, or seaplane base  
**LOUISVILLE INTL-STANDIFORD FIELD**

(1). Distance from structure to nearest point of nearest runway  
**3.69 NM**

(2). Direction from structure to airport  
**81.60° True Bearing**

A. Elevation of site above mean sea level.  
**452'**

B. Height of structure including all appurtenances and lighting above ground or water.  
**160'**

C. Overall height above mean sea level (A + B)  
**612'**

4E. Describe, on a separate sheet of paper, the location of the site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a copy of a U.S. Geological Survey quadrangle map 7.5 minute series (or equivalent) showing the construction site. If available, attach a copy of a documented site survey with the surveyor's certification.

**FAILURE TO PROVIDE ALL REQUESTED INFORMATION MAY DELAY PROCESSING OF YOUR NOTICE**

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. 5 1501). Persons who knowingly and willfully violate the Notice requirements of Part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to Section 901(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. 5 1471(a)) as well as the fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. 5 1472(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 obstruction mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date: 02-98 Typed or Printed Name and Title of Person Filing Notice: **Dan Bennett, Engineer** Signature: *DB*

FOR FAA USE ONLY

FAA will either return this form or issue a separate acknowledgement.

The Proposal:

Does not require a notice to FAA.

Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, but would not be a hazard to navigation.

Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to navigation.

Should be obstruction  marked  lighted per FAA

Advisory Circular 70/7460-1, Chapters \_\_\_\_\_

Obstruction marking and lighting are not necessary.

Supplemental Notice of Construction, FAA Form 7460-2, is required any time the project is abandoned, or

At least 48 hours before the start of construction.

Within five days after the construction reaches its greatest height.

This determination expires on \_\_\_\_\_ unless:

(a) extended, revised or terminated by the issuing office;

(b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit is made to the FCC on or before the above expiration date, in such cases 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 the 15 days prior to the expiration date.

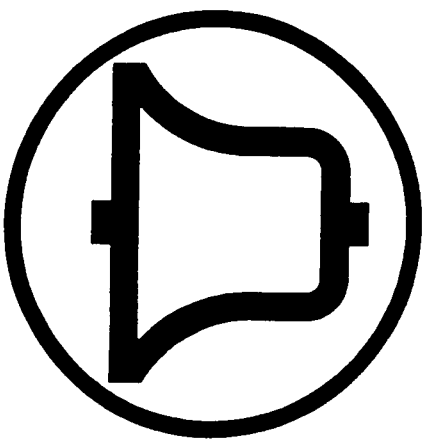
If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that agency.

Remarks

D 83 Coordinates (Use these coordinates for any future correspondence with the FAA)	Latitude	Longitude
Issued In	Signature	Date

20239

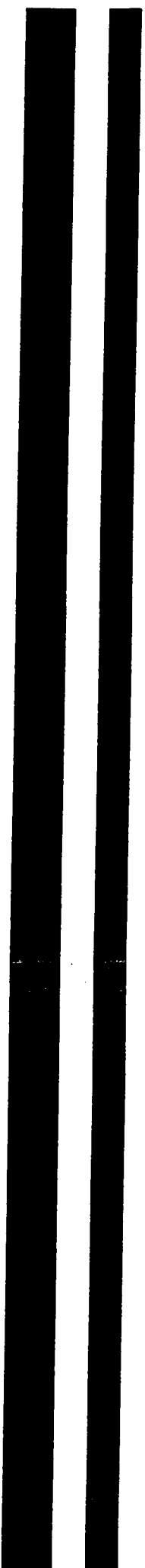




# BELL SOUTH MOBILITY

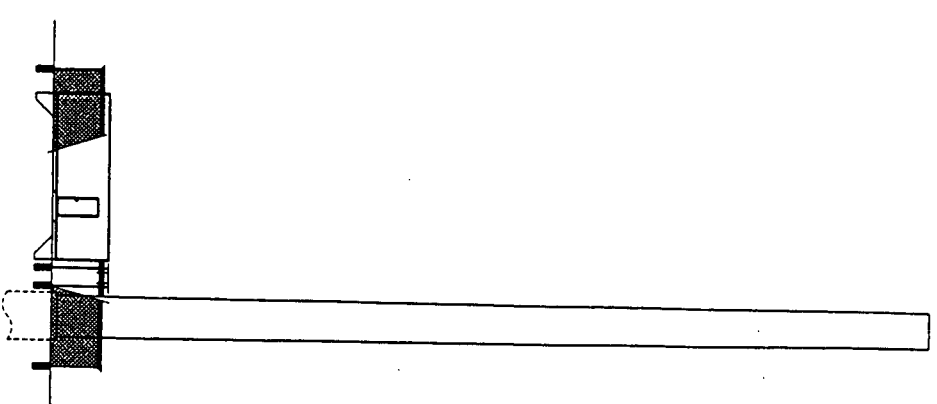
## LOUISVILLE - ROCKFORD II

### LOUISVILLE, KENTUCKY



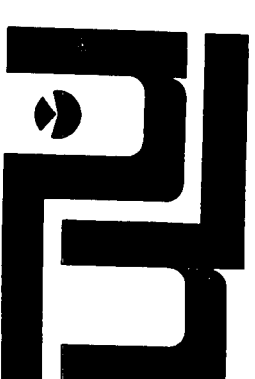
#### INDEX OF DRAWINGS

- 1.1 TOPOGRAPHICAL SURVEY
- A1.1 SITE and ELEVATION PLAN



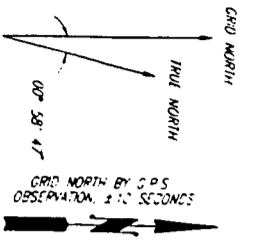
NOLAN AND NOLAN INC  
architects

801 BARRET AVE.  
LOUISVILLE, KENTUCKY 40204



AIA

ZONING DOCUMENTS



NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM. NORTH ZONE AND WAS DETERMINED BY COMPUTATION FROM C.P.S. OBSERVATION ON SEPTEMBER 13, 1988

**FLOOD INFORMATION**  
 I HAVE REVIEWED THE FLOOD INSURANCE RATE MAPS (FIRM) MAP NO. 210122 135 DATED 2-2-92 AND THE LEAST AREA DOES NOT APPEAR TO BE IN A FLOOD PRONE AREA. THE LEAST AREA IS LOCATED IN ZONE X.

**DIRECTIONS TO SITE**  
 In locating line 7-84 west to Hwy. 60 & Dixie Hwy., Ex. 1 (R) go south on Dixie Hwy. approximately 1/4 mile to 4823 Dixie Hwy. The site is located in the NW corner of the block located at this address.

**BENCHMARK**  
 NORTH: 248575.36  
 EAST: 1187529.63  
 ELEVATION: 438.57  
 LOCATION: SET SPHERE IN POWER POLE DESIGNATED AS 40847 LEG. 85157 LOCATED 5 S.W. FROM N.W. CORNER OF PARENT TRACT.

**SYMBOL LEGEND**

⊖	WOOD POWER POLE
⊙	CONCRETE POWER POLE
⊚	METAL TOWER POLE
⊛	LIGHT POLE
⊜	CURB POLE
⊝	TELEPHONE PESTLE
⊞	SAWTOOTH POWER MARKER
⊟	WATER VALVE
⊠	WATER METR
⊡	FIRE HYDRANT
⊢	DRAIN SINKER MARKER
⊣	ELECTRIC BOX
⊤	CONCRETE
⊥	GUY ANCHOR
⊦	UTILITY POLE
⊧	SET AS RIGID (MARKS ORANGE METR)
⊨	CAS VALVE

**ABBREVIATIONS**

EP	EDGE OF PAVEMENT
RC	RIGHT OF WAY
CE	CENTERLINE
RP	REINFORCED CONCRETE PIPE
CONC	CONCRETE
CP	CORROGATED METAL PIPE
SP	SUBJECT PROPERTY LINE
TC	TOP OF CURB
BC	BOTTOM OF CURB
PBB	POINT OF BEGINNING

**LINE LEGEND**

—	OVERHEAD ELECTRIC
—	UNDERGROUND GAS LINE
—	UNDERGROUND WATER LINE
—	UNDERGROUND SANITARY SEWER LINE
—	UNDERGROUND TELEPHONE LINE
—	DRAINAGE/STORM SEWER LINE
—	FENCE
—	SUBJECT PROPERTY BOUNDARY
—	ROOF OR WAY CENTERLINE

NOTE: SYMBOLS, ABBREVIATIONS, OR LINE TYPES DO NOT NECESSARILY APPEAR ON DRAWINGS. USE ONLY AS APPLICABLE.

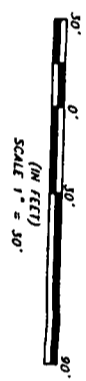
The utility information shown on this plan prepared by T. Alan Neal Company was obtained from existing records and is the responsibility of the contractor to verify the existence and location and to contact the appropriate utility company for field locations.

**UNDERGROUND UTILITIES BEFORE YOU DIG**  
 CALL 7 MORNING HOURS  
 1-800-367-5544  
 KENTUCKY 1-800-752-6007  
 MISSISSIPPI 1-800-752-6007  
 MISSOURI 1-800-752-6007  
 NORTH CAROLINA 1-800-752-6007  
 SOUTH CAROLINA 1-800-752-6007  
 VIRGINIA 1-800-752-6007  
 WEST VIRGINIA 1-800-752-6007

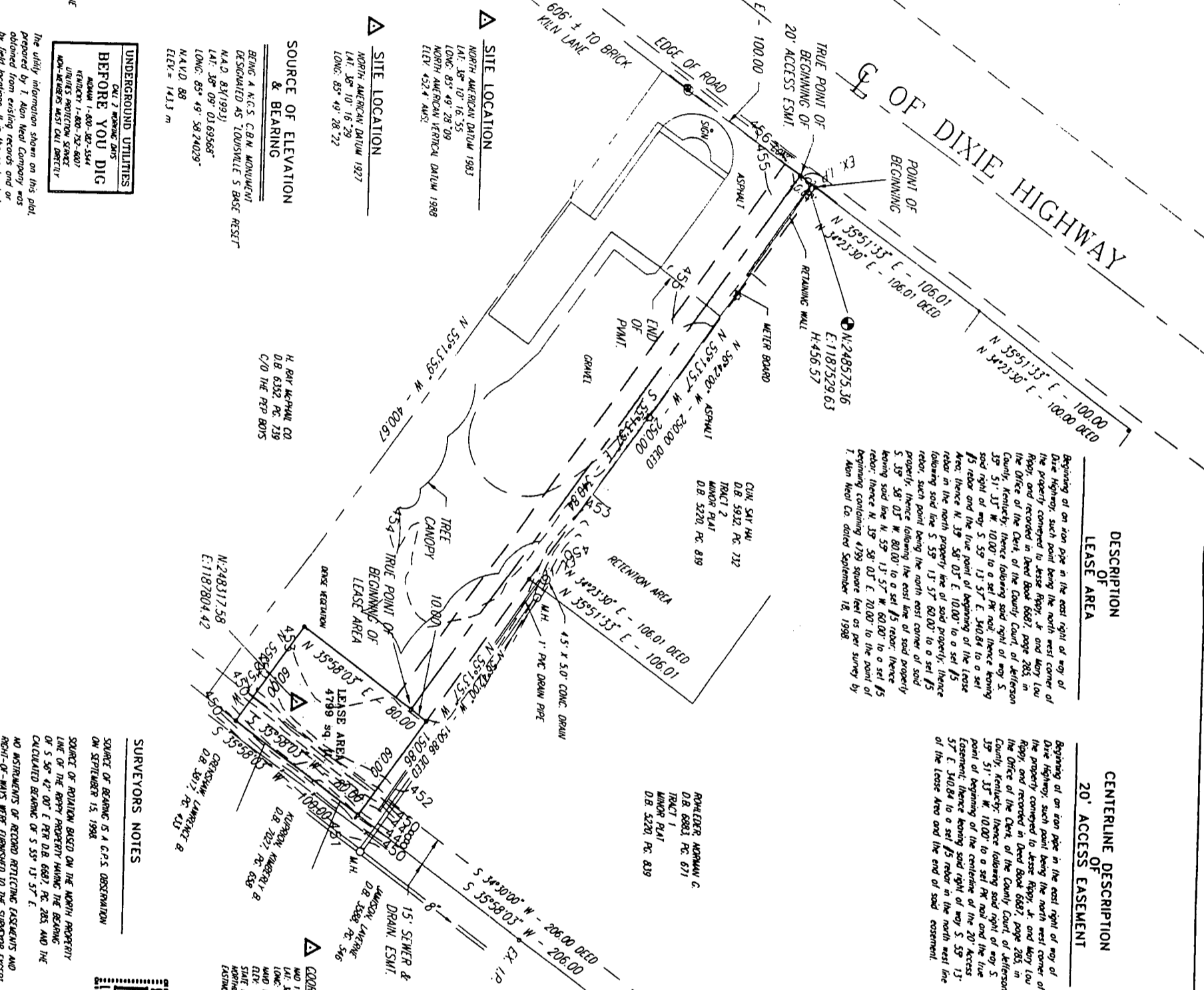
**SOURCE OF ELEVATION & BEARING**  
 BEING A N.G.S. C.B.M. MONUMENT DESIGNATED AS LOUISVILLE 5 BASE RESERV. M.A.D. 83(1993)  
 LAT: 38° 09' 01.699568"  
 LONG: 85° 49' 58.24029"  
 N.A.V.D. 88  
 ELEV = 143.3 m

**SITE LOCATION**  
 NORTH AMERICAN DATUM 1983  
 LAT: 38° 10' 16.55"  
 LONG: 85° 49' 28.79"  
 NORTH AMERICAN VERTICAL DATUM 1988  
 ELEV: 432.4 MMS

**SITE LOCATION**  
 NORTH AMERICAN DATUM 1927  
 LAT: 38° 10' 16.29"  
 LONG: 85° 49' 28.72"  
 BEING A N.G.S. C.B.M. MONUMENT DESIGNATED AS LOUISVILLE 5 BASE RESERV. M.A.D. 83(1993)  
 LAT: 38° 09' 01.699568"  
 LONG: 85° 49' 58.24029"  
 N.A.V.D. 88  
 ELEV = 143.3 m

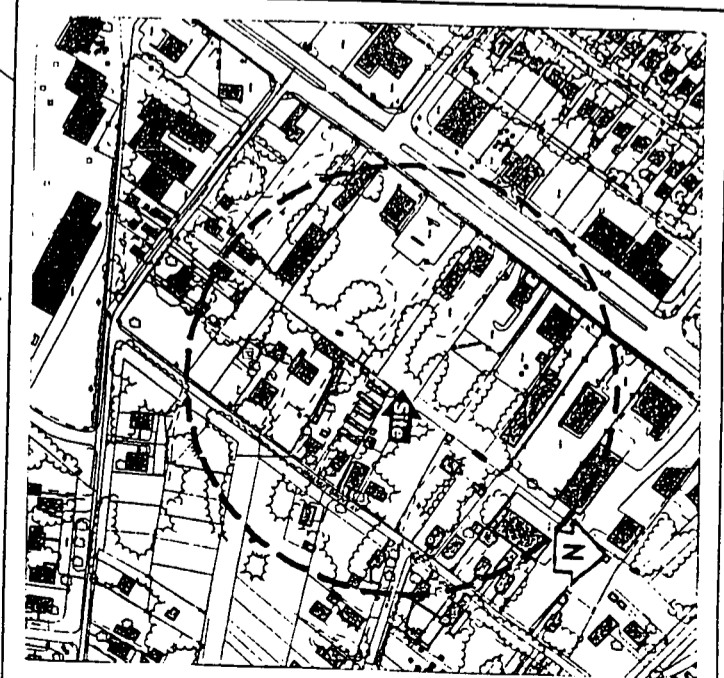


1" = 30'



**DESCRIPTION OF LEASE AREA**  
 Beginning of an iron pipe in the east right of way of Dixie Highway, such point being the north west corner of the property conveyed to Jesse Rippy, Jr. and Mary Lou Rippy, and recorded in Deed Book 6687, page 285, in the Office of the Clerk of the County Court, of Jefferson County, Kentucky, thence following said right of way S 51° 13' 13" W 10.00' to a set pin nail, thence following said right of way S 55° 13' 57" E 340.84 to a set 1/2 rebar and the true point of beginning of the lease area, thence N 39° 58' 03" E 10.00' to a set 1/2 rebar, such point being the north east corner of said property, thence following the east line of said property, bearing said line S 55° 13' 57" E 60.00' to a set 1/2 rebar, such point being the north east corner of said property, thence following the east line of said property, bearing said line N 59° 13' 57" W 60.00' to a set 1/2 rebar, thence N 39° 58' 03" E 70.00' to the point of beginning containing 439 square feet as per survey by T. Alan Neal Co. dated September 18, 1988.

**CENTERLINE DESCRIPTION 20' ACCESS EASEMENT**  
 Beginning of an iron pipe in the east right of way of Dixie Highway, such point being the north west corner of the property conveyed to Jesse Rippy, Jr. and Mary Lou Rippy, and recorded in Deed Book 6687, page 285, in the Office of the Clerk of the County Court, of Jefferson County, Kentucky, thence following said right of way S 51° 13' 13" W 10.00' to a set pin nail and the true point of beginning of the easement, thence following said right of way S 55° 13' 57" E 340.84 to a set 1/2 rebar in the north east line of the lease area and the end of said easement.



500' RADIUS MAP  
 1" = 200'

SOME INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM MAPPING DATA PROVIDED BY LOCUS. IT IS REPRODUCED HEREON WITH WRITTEN PERMISSION FROM M.S.D. AND ONLY FOR THE USE OF THE USER. NO PART OF THIS DATA MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEMS, UNLESS EXPRESSLY PERMITTED IN WRITING BY M.S.D.

**PROPERTY OWNER**  
 RIPPY, MARY LOU & JESSIE, JR.  
 4823 DIXIE HIGHWAY  
 LOUISVILLE, KY 40216  
 D.B. 6687, P.C. 285  
 ZONING  
 FRONT = C1  
 REAR = M1

Undisturbed closure for these tracts exceeds 1 year in 3000 plus 0.10 feet. These tracts have been adjusted for closure. Survey was conducted by Random Inverse Method.

**LAND SURVEYOR'S CERTIFICATE**

I, the undersigned, being a duly licensed Land Surveyor in the State of Kentucky, do hereby certify that this plan and survey were made under my supervision, and that the angular and linear measurements are correct to the best of my knowledge and belief. This survey and plan meets or exceeds the minimum standards of the governing authorities. This property is subject to any recorded easements or rights of way's not shown hereon.

Frank L. Sedinger, Jr. 1992  
 Ky. Reg. No. \_\_\_\_\_  
 Date \_\_\_\_\_

REVISIONS:

DRAWN BY: FLS  
 CHKD BY: \_\_\_\_\_  
 DRAWING NAME: \_\_\_\_\_  
 FIELD BOOK: \_\_\_\_\_

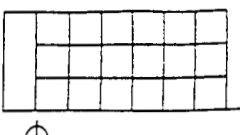
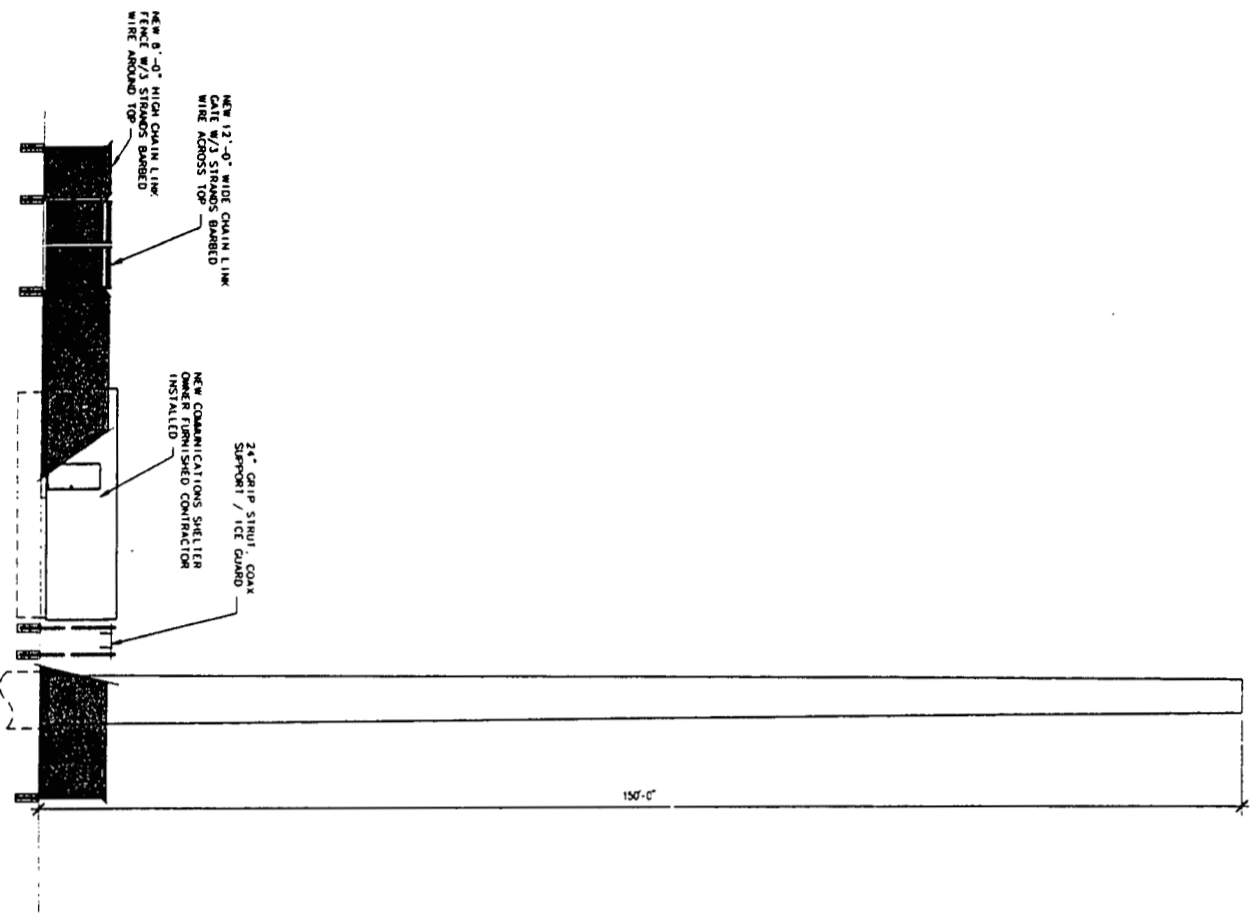
T. Alan Neal Company  
 Civil Engineering  
 426 Workman Street  
 Louisville, Kentucky 40217  
 (502) 635-5866  
 FAX: 636-5263



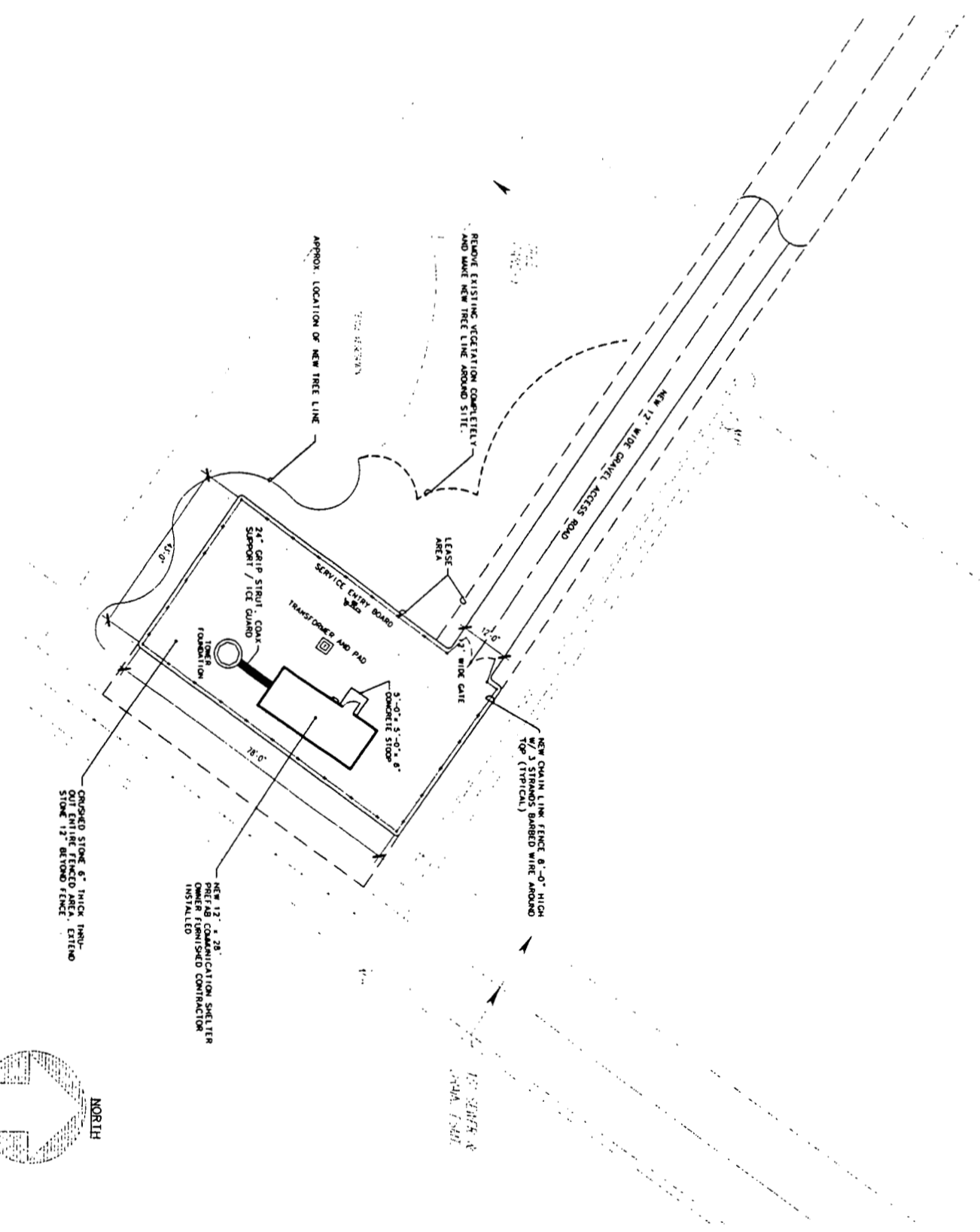
**BELLSOUTH MOBILITY**  
 "CELLULAR COMMUNICATION TOWER SITE SURVEY"  
 LOUISVILLE - RF (ROCKFORD)  
 4823 DIXIE HIGHWAY

DATE: 9-18-98  
 PROJECT NO.: T-2353  
 SHEET 1 OF 1

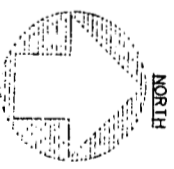
- GENERAL NOTES:**
1. GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATING OF BUILDING PICK-UP FROM THE BELLSOUTH MOBILITY STAGING AREA, DELIVERY TO SITE, CRANE SET AND ERECTION OF TOWER ALL COST ENCLOSED.
  2. REFER TO STRUCTURAL SHEET FOR ALL CONCRETE WORK AND TOWER AND BUILDING LOCATION.
  3. ALL FINISHED CONCRETE TO BE COATED WITH A CONCRETE SEALANT AS SPECIFIED ON THE STRUCTURAL DRAWINGS.
  4. ANY 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 SEEDED AND STRAWED OR REPLACED TO OWNERS APPROVAL.
  6. ROAD TO SITE TO BE GRADED SMOOTH REMOVING POT HOLES, DITCHING, ETC. TO BELLSOUTH MOBILITIES APPROVAL.



**ELEVATION**  
SCALE: 3/32" = 1'-0"

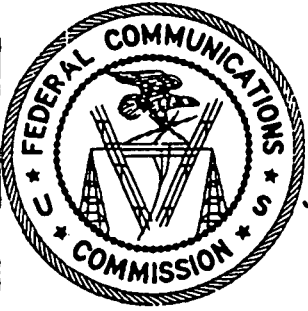


**SITE PLAN**  
SCALE: 1/8" = 1'-0"



**ZONING DOCUMENTS**

BILLSOUTH MOBILITY INC. CELLULAR SYSTEM STANDARD CELL SITE 4823 DIXIE HIGHWAY (ROCKFORD II) LOUISVILLE, KENTUCKY			<b>NOLAN AND NOLAN INC</b> architects 801 BARRET AVE. LOUISVILLE, KENTUCKY 40204		REVISIONS <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>																				
DATE: 10/22/08 BY: SK.LDD SHEET: All OF: 1 101298																									



United States of America

Federal Communications Commission

# RADIO STATION AUTHORIZATION

## Cellular Radiotelephone Service

KENTUCKY CGSA, INC.

100 PEACHTREE STREET

SUITE 14E06

ATLANTA, GA 30309

Call Sign: KNKA245

Market: 0037      Channel Block: B-1      SID: 0076

Market Name:      LOUISVILLE, KENTUCKY/INDIANA

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..... December 03, 1984

Expiration Date..... May 15, 2005

### 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 transferred 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 IFG on Thursday January 30, 1997

FCC Form 463A

1 3503 College Drive

Jeffersontown

KY ( ) -

**STRUCTURES AND ANTENNAS:**

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
001	38°09'30"N	085°48'51"W		01321-CL-ML-95	1,3,11 & 21

**Location Description, City, County, State**

2601 Quillman Hill Road , Louisville, JEFFERSON, KY

**Antenna: A**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	117.00	100.00	99.00	89.00	50.00	104.00	56.00	87.00
<b>Transmitter ERP (w)</b>	40.00	21.00	4.00	0.46	0.37	0.54	4.00	26.00

**Antenna: B**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	117.00	100.00	99.00	89.00	50.00	104.00	56.00	87.00
<b>Transmitter ERP (w)</b>	1.00	10.00	34.00	35.00	14.00	1.00	0.16	0.22

**Antenna: C**

<u>Azimuth</u> (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
<b>Antenna Height AAT (m)</b>	124.00	106.00	106.00	96.00	57.00	111.00	63.00	94.00
<b>Transmitter ERP (w)</b>	3.00	0.37	0.34	5.00	38.00	93.00	80.00	25.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
002	38°11'39"N	085°34'03"W		05418-CL-ML-94	none

**Location Description, City, County, State**

3503 College Drive , Jeffersontown, JEFFERSON, KY

Antenna: A

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	58.00	53.00	59.00	66.00	70.00	72.00	107.00	97.00
Transmitter ERP (w)	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

Antenna: B

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	58.00	53.00	59.00	66.00	70.00	72.00	107.00	97.00
Transmitter ERP (w)	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
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004	38°22'54"N	085°26'38"W		04354-CL-ML-94	none
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Location Description, City, County, State

3400 Cedar Point Road , Buckner, OLDHAM, KY

Antenna: A

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	95.00	53.00	49.00	64.00	85.00	82.00	100.00	99.00
Transmitter ERP (w)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Antenna: B

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	95.00	53.00	49.00	64.00	85.00	82.00	100.00	99.00
Transmitter ERP (w)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
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007	37°57'41"N	085°42'02"W		06599-CL-ML-94	A,H,I
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Location Description, City, County, State

Cooper Run Road , Shepherdsville, BULLITT, KY



Antenna: A

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	143.00	121.00	109.00	99.00	131.00	120.00	121.00	116.00
Transmitter ERP (w)	93.00	100.00	77.00	31.00	23.00	31.00	76.00	100.00

Antenna: B

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	143.00	121.00	109.00	99.00	131.00	120.00	121.00	116.00
Transmitter ERP (w)	93.00	100.00	77.00	31.00	23.00	31.00	76.00	100.00

Location   Latitude   Longitude   Tower#   File Number   Markings

008   38°25'18"N   085°49'42"W   02597-CL-ML-93   A,H & I

Location Description, City, County, State

RT. 1 BALLOU RD., SELLERSBURG, CLARK, IN

Antenna: A

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	216.00	234.00	230.00	243.00	225.00	135.00	128.00	173.00
Transmitter ERP (w)	6.00	29.00	53.00	49.00	52.00	44.00	12.00	4.00

Antenna: B

Azimuth (degrees from true North)	<u>0°</u>	<u>45°</u>	<u>90°</u>	<u>135°</u>	<u>180°</u>	<u>225°</u>	<u>270°</u>	<u>315°</u>
Antenna Height AAT (m)	216.00	234.00	230.00	243.00	225.00	135.00	128.00	173.00
Transmitter ERP (w)	6.00	29.00	53.00	49.00	52.00	44.00	12.00	4.00

Location   Latitude   Longitude   Tower#   File Number   Markings

011   38°12'53"N   085°25'08"W   05610-CL-ML-94   1,3,12,21

Location Description, City, County, State

1410 CLARK STATION ROAD, FISHERVILLE, JEFFERSON, KY

Antenna: A

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	77.00	60.00	66.00	78.00	87.00	110.00	96.00	84.00
Transmitter ERP (w)	100.00	89.00	61.00	22.00	16.00	20.00	61.00	97.00

Antenna: B

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	77.00	60.00	66.00	78.00	87.00	110.00	96.00	84.00
Transmitter ERP (w)	100.00	89.00	61.00	22.00	16.00	20.00	61.00	97.00

Location   Latitude   Longitude   Tower#   File Number   Markings

016   38°34'21"N   085°46'42"W   01336-CL-ML-94   a,h,i

Location Description, City, County, State

10015 Brownstown Road , Henryville, Clark, IN

Antenna: A

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	92.00	81.00	80.00	101.00	120.00	69.00	23.00	53.00
Transmitter ERP (w)	0.36	1.00	13.00	65.00	75.00	64.00	13.00	1.00

Antenna: B

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	92.00	81.00	80.00	101.00	120.00	69.00	23.00	53.00
Transmitter ERP (w)	0.36	1.00	13.00	65.00	75.00	64.00	13.00	1.00

Location   Latitude   Longitude   Tower#   File Number   Markings

017   38°20'17"N   085°53'38"W   01340-CL-ML-94   none

Location Description, City, County, State

4706 Brush College Road , Floyd Knobs, Floyd, IN

Antenna: A

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	102.00	122.00	190.00	196.00	157.00	92.00	117.00	84.00
Transmitter ERP (w)	19.00	59.00	75.00	75.00	59.00	29.00	14.00	14.00

Antenna: B

Azimuth (degrees from true North)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (m)	102.00	122.00	190.00	196.00	157.00	92.00	117.00	84.00
Transmitter ERP (w)	19.00	59.00	75.00	75.00	59.00	29.00	14.00	14.00

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
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024	38°11'26"N	085°44'28"W		02075-CL-ML-95	none
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Location Description, City, County, State

824 Phillips Lane , Louisville, JEFFERSON, KY

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Tower#</u>	<u>File Number</u>	<u>Markings</u>
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028	38°36'13"N	085°20'22"W		07708-CL-ML-95	a,h,i,1,3,4,13,21,22
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Location Description, City, County, State

Colbert Lane , Bedford, TRIMBLE, KY

**PRESENT BROADCAST TOWER LOCATIONS IN JEFFERSON COUNTY**

Site Address 2	Site Address 3	KY/IN CO
Lawn Dr. at Princewood Pl.	Louisville KY	Jefferson
2601 Quillman Hill Rd.	Louisville KY 40214	Jefferson
Quillman Hill Road (Easement)	Louisville KY	Jefferson
Suite 200, 239 South 5th St.	Louisville KY 40202	Jefferson
4701 Fegenbush Lane	Louisville KY 40228	Jefferson
824 Phillips Lane	Louisville, KY 40233	Jefferson
503 College Dr.	Jeffersontown, KY 40299	Jefferson
320 Bardstown Rd.	Louisville, KY 40218	Jefferson
12718 New Chamberlain Ln.	Louisville, KY 40233	Jefferson
001 Dupont Circle	Louisville KY 40207	Jefferson
403 Browns Lane	Louisville KY 40207	Jefferson
2017 S. 39th Street	Louisville, KY 40211	Jefferson
98 Thompson Avenue	Louisville, KY 40206	Jefferson
19-29 Finzer Street	Louisville, KY 40232	Jefferson
1930 Bishop Lane	Louisville, KY 40218	Jefferson
Presden Ave.	Louisville, KY	Jefferson
30 Industry Rd.	Louisville, KY 40201	Jefferson
1400 Willow Avenue	Louisville, KY 40204	Jefferson
049 & 951 Dixie Hwy.	Louisville, KY 40203	Jefferson
339 Frankfort Avenue	Louisville, KY 40206	Jefferson
1421 Lexington Rd.	Louisville, KY 40206-1992	Jefferson
10215 Dixie Hwy.	Louisville, KY	Jefferson
34 Market St.	Louisville, KY 40202	Jefferson
2105 Johnson Rd.	Louisville, KY 40245	Jefferson
8408 Hudson Lane	Louisville, KY 40291	Jefferson
124 West Fern Valley Road	Louisville, KY 40219	Jefferson
120 Cedar Creek Road	Fern Creek, KY 40291	Jefferson
8712 Minors Lane	Louisville, KY 40219	Jefferson
300 Shelbyville Rd.	Louisville, KY 40222	Jefferson
034 Hunsinger Lane	Louisville, KY 40220	Jefferson
9550 Bluegrass Pkwy.	Louisville, KY 40299	Jefferson
323 South Hurstbourne Pkwy.	Louisville, KY 40222	Jefferson
004 Shelbyville Rd.	Louisville, KY 40207	Jefferson
245 North Hubbard Ln.	Louisville, KY 40207	Jefferson
14508 Dixie Hwy.	Louisville, KY 40258	Jefferson
213 South Preston St.	Louisville, KY 40217	Jefferson
202 Old Harrods Creek Rd.	Middletown, KY 40243	Jefferson
8115 Glimmer Way	Louisville, KY 40214	Jefferson
612 Old Heady Rd.	Louisville, KY 40299	Jefferson
2998 Granger Rd.	Fairdale, KY 40118	Jefferson
5700-5708 Outer Loop	Louisville, KY 40219	Jefferson
301 North Popelick Rd.	Louisville, KY 40299	Jefferson
320 New LaGrange Rd.	Louisville, KY 40222	Jefferson
4316 Cane Run Rd.	Louisville, KY 40216	Jefferson
418 Sanita Rd.	Louisville, KY 40213	Jefferson
6108 Larkwood Ave.	Louisville, KY 40212	Jefferson
5607 Greenwood Drive	Louisville, KY 40258	Jefferson
410 Clark Station Rd.	Fisherville KY 40023	Jefferson
736 & 1738 Berry Blvd.	Louisville, KY 40215	Jefferson
817 W. Market Street	Louisville, KY 40202	Jefferson
5100 U.S. Highway 42	Louisville, KY 40241-6029	Jefferson
211 West Oak Street	Louisville, KY 40203	Jefferson
2925 Goose Creek Rd.	Louisville, KY 40241	Jefferson

# Rockford Lane

## 8.2 B.1b(3) Certification

Existing towers and/or facilities include:

There are no existing towers and/or facilities that would provide an acceptable alternative location for the development of our communications network.

## 8.2 B.1b(4) Certification

Potential Sites include:

Various commercial properties delineated in the search area. Some of these sites are acceptable alternatives from a radio frequency engineering standpoint, however, zoning is more condusive at the property selected for a cellular transmission facility.

Note: All existing towers and/or facilities along with potential sites that are outside of the delineated radio frequency search area but within the mile radius of the proposed site are categorically excluded from consideration, because these sites do not provide an acceptable location for the development of our communications network. While the proposed site is outside the search area, it is a engineering concession that allows a location that is zoned more suitably for this particular landuse in a congested vicinity having multi-zoned properties.



North View



South View



East View



West View

**BELLSOUTH MOBILITY  
CELLULAR TOWER  
ROCKFORD SITE**

**4823 DIXIE HIGHWAY**

The proposed cellular tower conforms to the guidelines of the Comprehensive Plan for Louisville and Jefferson County. The site is located at the rear of 4823 Dixie Highway on property zoned M-2 Industrial. The primary use of the property is a florist shop.

Property within 500 feet of the site is zoned R-5, R-7, C-1, C-2 & M-2. The land uses in this area include single and multi-family residential, a mobile home park, commercial and industrial uses.

The plan has received preliminary approval from the Metropolitan Sewer District and the Jefferson County Department of Public Works and Transportation.

**ENVIRONMENTAL GUIDELINES**

The site is located within a fully developed area of Jefferson County. The specific site is at the rear of property occupied by a florist shop. There are no known environmental limitations. The site is level with a drainage ditch within a 15 foot sewer & drainage easement at the rear of the site. The location of the proposed tower is outside of the easement will not interfere with the function of the drainage ditch.

The site is not located within the 100 year floodplain and there are no streams impacted by this proposal. Proper erosion and sedimentation controls will be installed and maintained during construction of the tower and its support building (E-6, E-7, E-8).

The facility will be serviced as needed and will not be manned on a daily basis (E-14).

The proposal conforms to these guidelines.

**UTILITIES GUIDELINES**

The use does not require access to utilities other than electricity and telephone facilities. These utilities are available to the site at present (U-1). Cellular telephone towers are regulated by the Kentucky Public Service Commission. The growth in demand for cellular telephone service in this area of Jefferson County has resulted in a corresponding increase in the need for tower locations necessary to accommodate the service demanded by the public.

The tower will have no adverse impact on surrounding land uses. The perimeter of the tower will be landscaped in accordance with Article 12 of the Development Code. The proposal conforms to these guidelines.

### **TRANSPORTATION GUIDELINES**

Access to the tower facility will be via an existing curb cut for the business located at 4823 Dixie Highway. No additional access will be required. As the use is not manned and is serviced on an occasional, as needed, basis, this form of access is adequate and will have not adverse impact on the surrounding neighborhood (T-1, T-7 & T-11).

The proposal conforms to these guidelines.

### **INDUSTRIAL GUIDELINES**

The location of a cellular tower within the M-2 Industrial district at this location will have no adverse impact on the surrounding commercially and industrially zoned area, nor will it cause a violation of any Industrial Guideline of the Comprehensive Plan. The area occupied by the tower and lease leaves ample area available for development. Vegetation not required to be removed for erection of the tower will be maintained. The industrial district is an appropriate for location of a cellular tower.

The proposal conforms to the industrial guidelines.



**SURETY BOND**

**BOND NO. 580 20 46**

KNOW ALL MEN BY THESE PRESENTS, That we BellSouth Mobility Inc. as Principal and SAFECO Insurance Company of America, as Surety are held and firmly bound unto the Louisville & Jefferson County Planning Commission, 531 Court Place, Suite 900, Louisville, Kentucky 40202-3396, as Obligee in the sum of Fifty-Thousand and 00/100—(\$50,000.00) Dollars for the payment whereof, well and truly to be made, we bind ourselves, our successors, assigns, heirs, executors and administrators, jointly and severally firmly by these presents.

WHEREAS, BellSouth Mobility Inc. has requested permission from Louisville & Jefferson County Planning Commission, to erect communication towers in Jefferson County, Kentucky;

WHEREAS, one condition is the posting of a bond with the Planning Commission, guaranteeing the removal of towers by BellSouth Mobility Inc. If a tower is abandoned, and BellSouth Mobility Inc. fails to remove tower in accordance with Section 8.2B2j of the Development Code for all of Jefferson County, then BellSouth Mobility Inc. shall be considered in default;

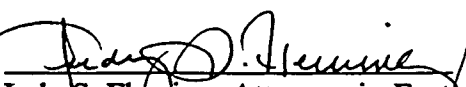
NOW THEREFORE, if BellSouth Mobility Inc. does remove the tower then this obligation shall be void, otherwise to remain in full force and effect.

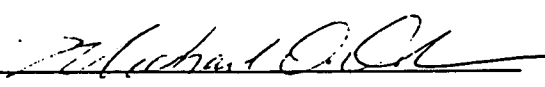
It is agreed that the bond will be immediately forfeited to the Planning Commission should BellSouth Mobility Inc. file for bankruptcy.

The term of this bond commences on the 15th day of January, 1998 and terminates five (5) years after such date, but may be extended for an additional five (5) year period at the mutual option of the Surety and Principal by issuance of a continuation certificate. Regardless of the number of years this bond shall continue or be continued in force, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond. Signed, sealed and dated this 12th day of January, 1998.

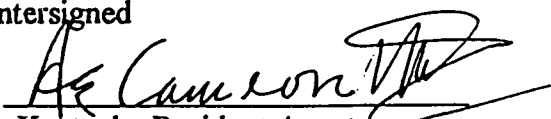
SAFECO Insurance Company of America

BellSouth Mobility Inc.

By:   
Judy S. Fleming, Attorney-in-Fact

By:   
General Manager  
(Title)

Countersigned

By:   
Kentucky Resident Agent

POWER OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA  
GENERAL INSURANCE COMPANY OF AMERICA  
HOME OFFICE: SAFECO PLAZA  
SEATTLE, WASHINGTON 98185



No. 6724

BY ALL BY THESE PRESENTS:

SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint  
C. KAY JOHNSON; MARGARET G. MIDDIONE; JUDY S. FLEMING; MARY KELLY SPEED; JUDY GAY CERA;  
Atlanta, Georgia.....

as its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other instruments of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each signed and attested these presents

this 9th day of June, 19 93

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA  
and of GENERAL INSURANCE COMPANY OF AMERICA:

Article V, Section 13. - FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing an appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA  
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

This certificate executed by the Secretary or an assistant secretary of the Company setting out:

- (i) The provisions of Article V, Section 13 of the By-Laws, and
  - (ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
  - (iii) Certifying that said power-of-attorney appointment is in full force and effect.
- Signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

A. Pierson, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and the Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 12<sup>th</sup> day of January, 19 97

BellSouth Mobility  
1650 Lyndon Farms Court  
Louisville, KY 40223

502 329-4700

BellSouth Mobility Inc has evaluated the proposed cell site and hereby certifies that as constructed it will be in full compliance with the radio frequency exposure guidelines established by the Federal Communications Commission in ET Docket No. 92-62. Based upon the technical parameters of the proposed site, it is "categorically excluded" from the FCC requirement that an "Engineering Evaluation" be performed. BMI further certifies that the site will be operated in full compliance with the FCC's rules. BMI will use all necessary signage and barriers to ensure that no one is exposed to RF emissions more than permissible FCC limits.

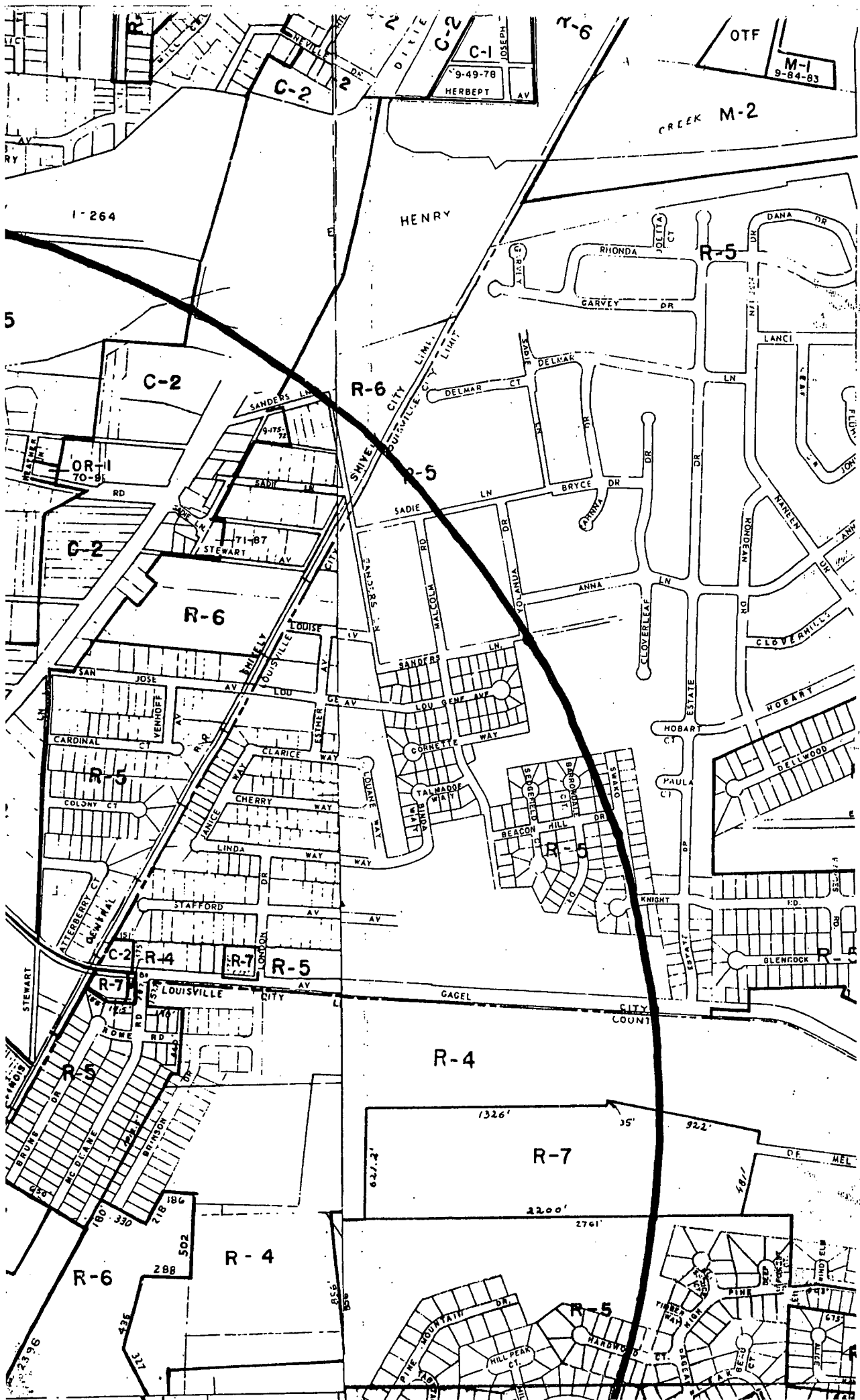
*Dan Bennett*

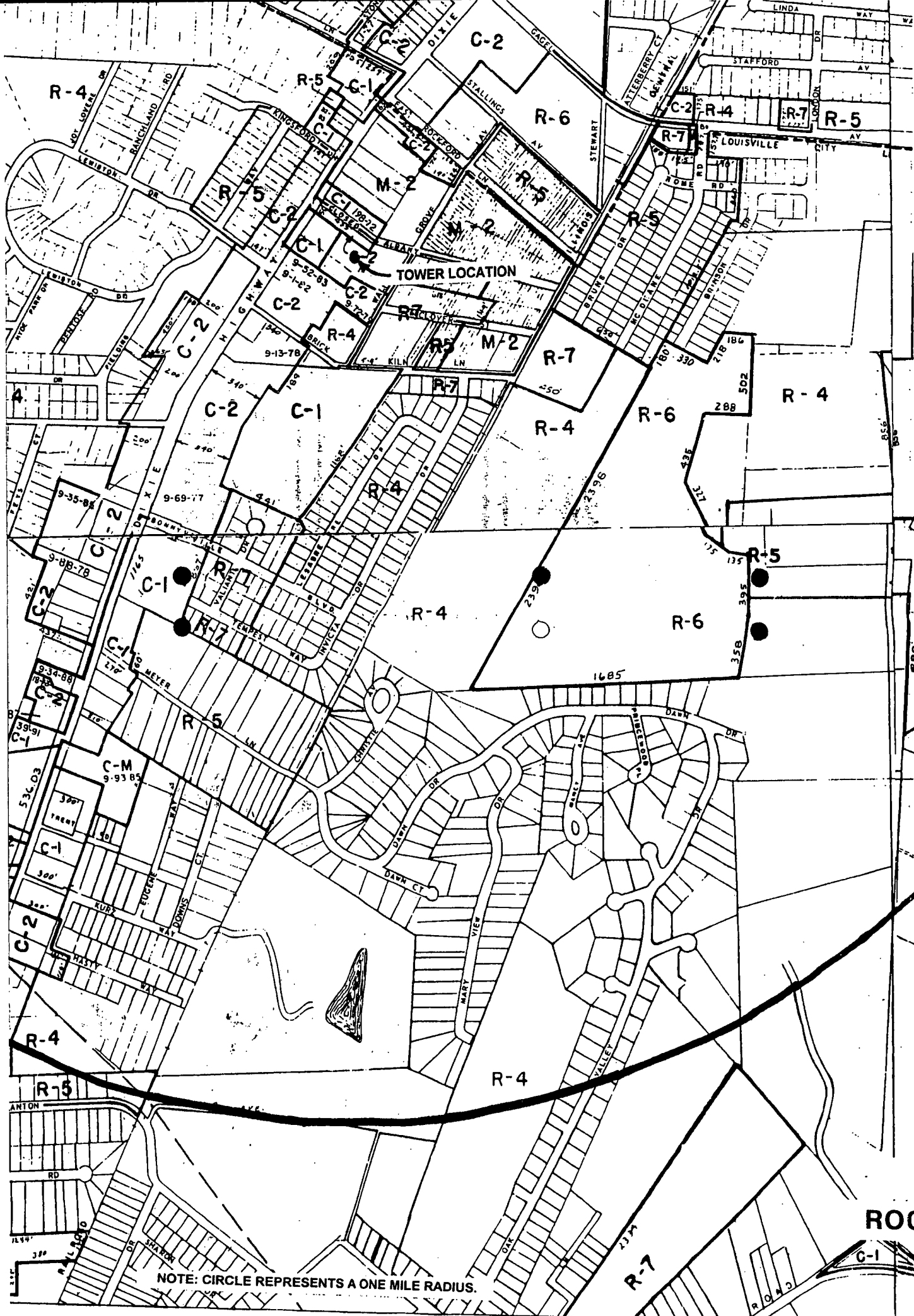
\_\_\_\_\_  
Dan Bennett

Radio Frequency Engineer

Date: 8-27-98







NOTE: CIRCLE REPRESENTS A ONE MILE RADIUS.

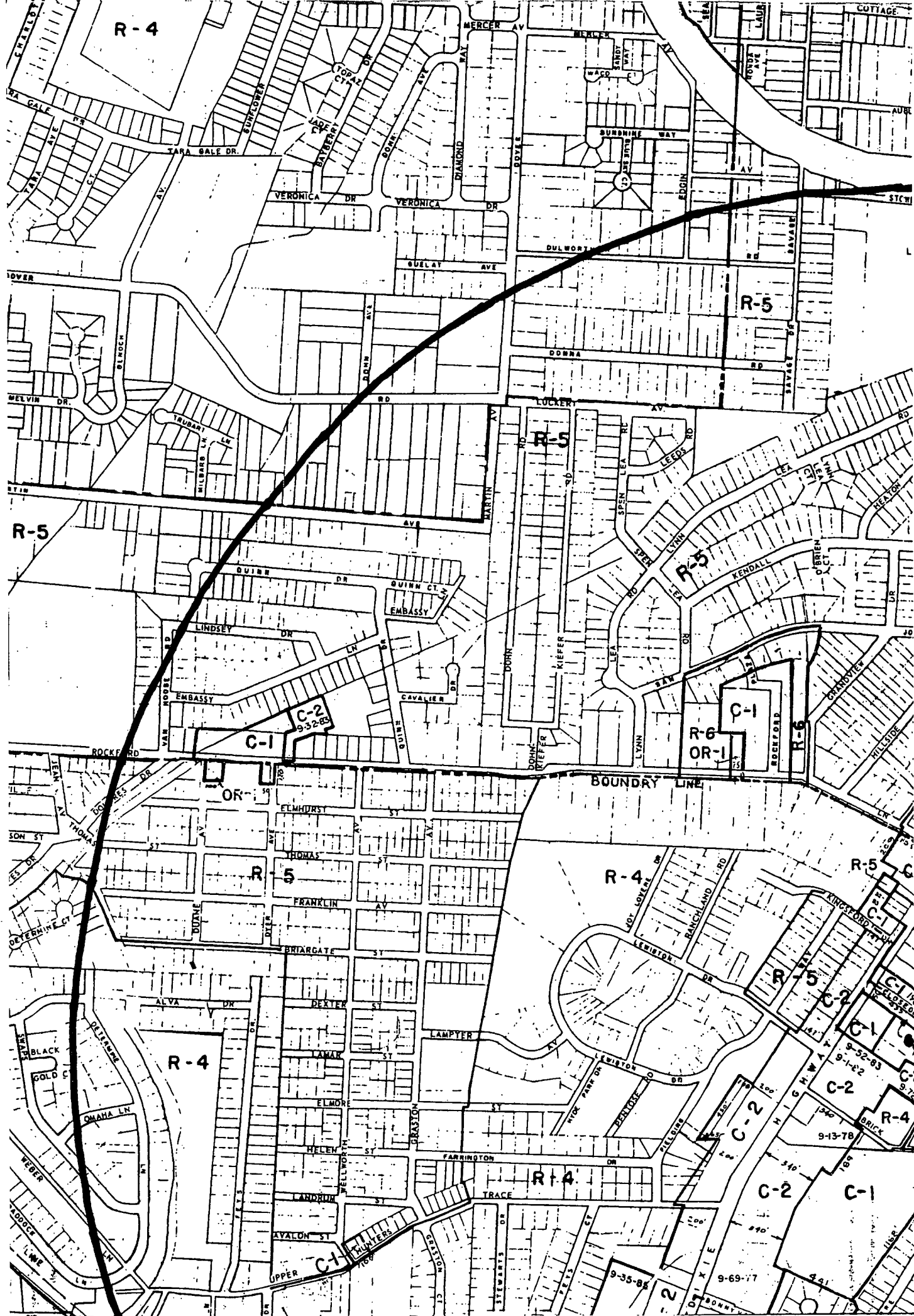
ROC

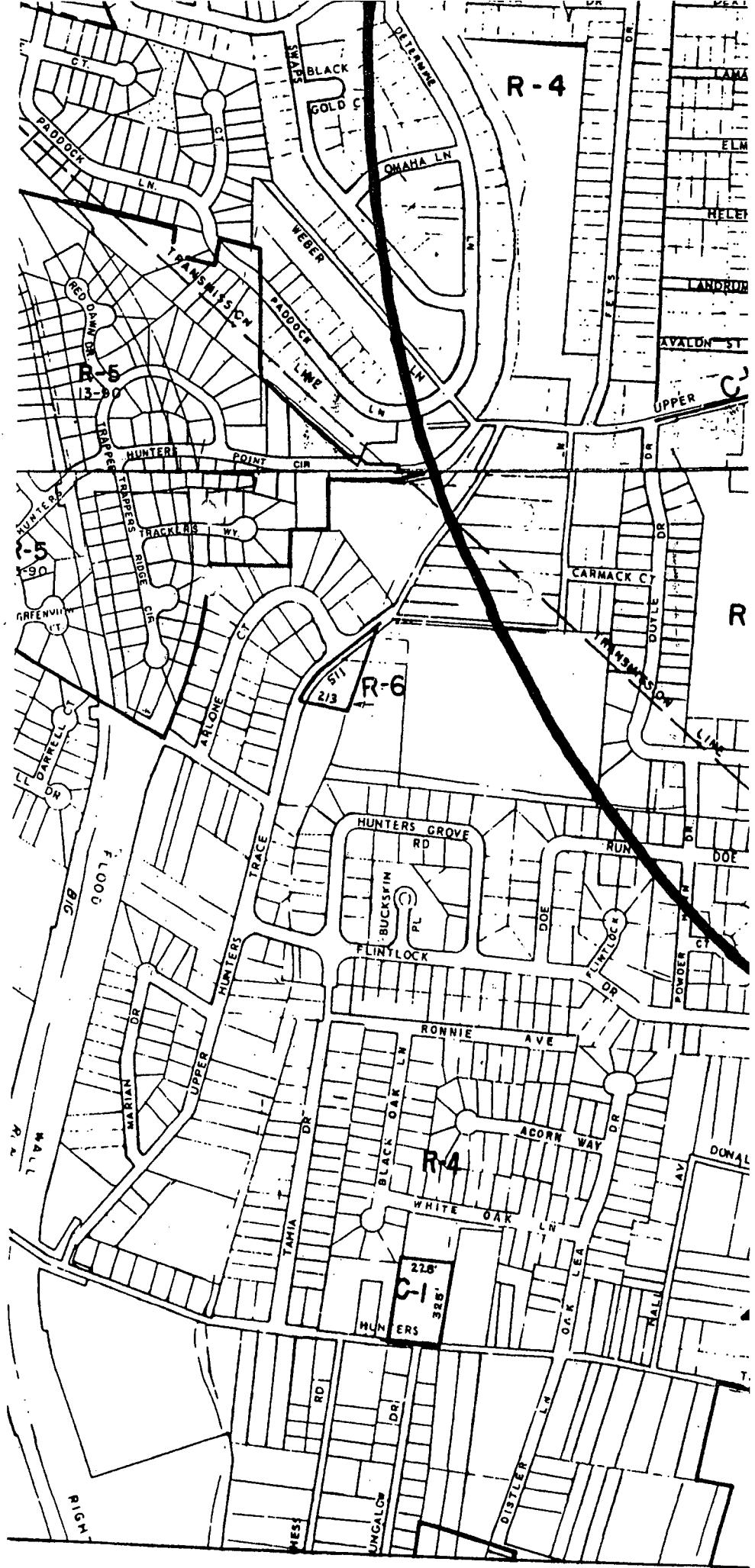
C-1















JEFFERSON COUNTY, KENTUCKY  
**DEPARTMENT OF PLANNING AND ENVIRONMENTAL MANAGEMENT**  
 DIVISION OF PLANNING AND DEVELOPMENT SERVICES

DAVID L. ARMSTRONG  
 County Judge/Executive

R. WAYNE BENNETT, AICP  
 Division Director

ADRIAN P. FREUND, AICP  
 Department Director

December 18, 1998

Mr. Larry Hester  
 BellSouth Mobility  
 1650 Lyndon Farms Court  
 Louisville, Kentucky 40223

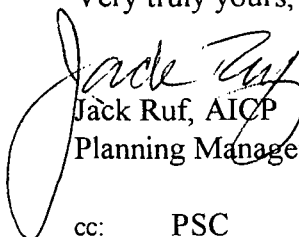
Re: Docket No. 4-30-98

Dear Mr. Hester:

You are the contact person for BellSouth Mobility in their request for review of a proposal to construct an antenna tower for cellular communication services to be located at 4823 Dixie Highway (Docket No. 4-30-98). This request was reviewed by the Planning Commission at public hearings on December 3<sup>rd</sup> and 17<sup>th</sup>, 1998, and the Planning Commission has determined that the proposed construction is in accordance with the Comprehensive Plan and with applicable portions of the Development Code for Louisville and Jefferson County with the understanding that the leased area will be relocated to the north side of the lot, re-oriented to be east-west, and the tower will be located on the western portion of your lease area (closer to Dixie Highway). The Planning Commission, therefore, **approved** this proposal. The entire record upon which the Planning Commission made this determination is on file in our office under the above referenced Docket Number.

Thank you for your cooperation in this review process.

Very truly yours,

  
 Jack Ruf, AICP  
 Planning Manager

cc: PSC  
 Phil Bills  
 Jefferson County Code Enforcement  
 File Docket No. 4-30-98

LOUISVILLE AND JEFFERSON COUNTY PLANNING COMMISSION

531 COURT PLACE • SUITE 900  
 LOUISVILLE, KENTUCKY 40202-3396

Phone 502-574-6230

FAX 502-574-8129



PRINT ON RECYCLED PAPER



428 Warnock Street  
Louisville, KY 40217  
(502) 635-5866  
(502) 636-5263 (Fax)

EXHIBIT G

LOU-RF (ROCKFORD)

10-5-98

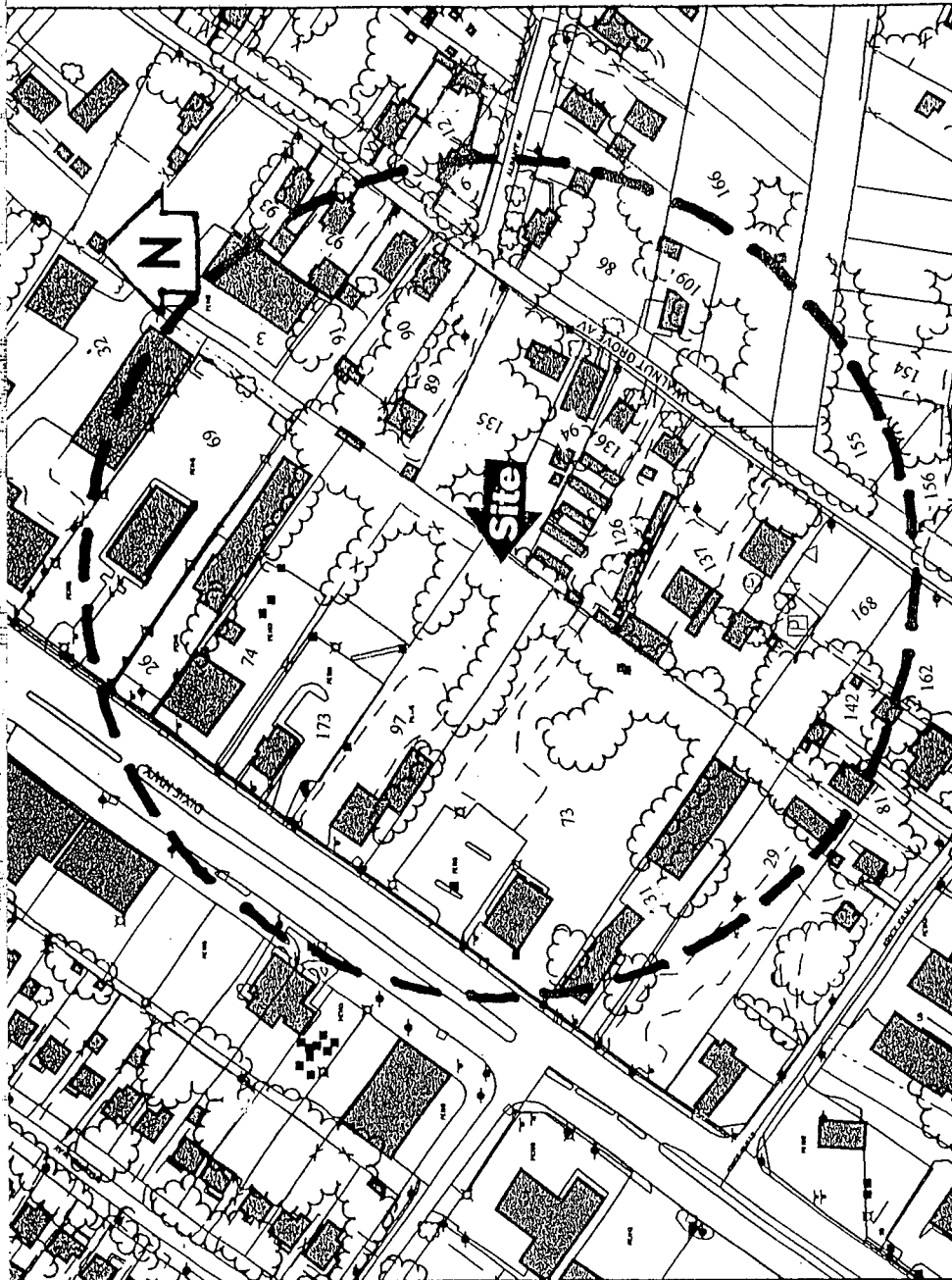
<u>BLOCK/LOT</u>	<u>PROPERTY OWNER'S ADDRESS</u>	<u>DEED BOOK/PAGE</u>
1091/97	Jesse & Mary Lou Rippy, Jr. 9102 Split Rail Drive Louisville, KY 40272	6687 x 285
1091/31	Curtis & Alva Hardin 4843 Dixie Hwy. Louisville 40216	4771 x 99
1091/73	H. Ray McPhail Co. Profit Sharing Trust c/o The Pep Boys 3111 W. Allegheny Ave. Philadelphia, PA 19132	6352 x 739
1091/173	Say Hai & May Cun 7307 York River Road Louisville, KY 40214	5932 x 732
1091/74	Norman G. Rohleder 1715 Sanders Lane Louisville, KY 40216	6883 x 671
1091/26	Dwight McDonald 2151 Alta Avenue Louisville, KY 40205	6945 x 859
<u>1091/126</u>	Lawrence B. & A. Crenshaw 4833 Dixie Hwy. Louisville, KY 40216	3817 x 433
1091/136	Lawrence B. & A. Crenshaw 4833 Dixie Hwy. Louisville, KY 40216	3817 x 433
1091/94	Kimberly B. Kuprion 4740 Walnut Grove Avenue Louisville, KY 40216	7027 x 658
1091/135	Laverne Jamison 4738 Walnut Grove Avenue Louisville, KY 40216	3588 x 546
1091/29	A. J. Properties 1811 Cargo Court Jeffersontown, KY 40299	6613 x 45
1091/69	Brauvin High Yield Venture 30 N. LaSalle Street Ste. 3100 Chicago, IL 60602	5809 x 89

<u>BLOCK/LOT</u>	<u>PROPERTY OWNER'S ADDRESS</u>	<u>DEED BOOK/PAGE</u>
1091/32	Dixie Properties 4436 Dixie Hwy. Louisville, KY 40216	6852 x 22
1091/93	George D. Lawson, Sr. 4436 Dixie Hwy. Louisville, KY 40216	3725 x 852
1091/92	Pauline E. Vittitow 4726 Walnut Grove Avenue Louisville, KY 40216	2529 x 388
1091/91	Clyde L. Lewis & Patricia Blevins 4732 Walnut Grove Avenue Louisville, KY 40216	5618 x 793
<u>1091/89</u>	Dixie Properties 4436 Dixie Hwy. Louisville, KY 40216	5966 x 454
<u>1091/137</u>	Thomas Cash & Sharon A. Winters 4748 Walnut Grove Avenue Louisville, KY 40216	5510 x 946
1091/168	Thomas Cash & Sharon A. Winters 4748 Walnut Grove Avenue Louisville, KY 40216	6611 x 540
1091/81	Thomas C. & Denise A. Winters, Jr. 1711 Brick Kiln Lane Louisville, KY 40216	6611 x 540
1091/142	G.R. & Linda M. Joyce 1709 Brick Kiln Lane Louisville, KY 40216	3989 x 447
1091/162	Thomas Cash & Sharon A. Winters 4748 Walnut Grove Avenue Louisville, KY 40216	6209 x 714
<u>1091/156</u>	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517
1091/155	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517
1091/154	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517
1091/153	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	4458 x 517

<u>BLOCK/LOT</u>	<u>PROPERTY OWNER'S ADDRESS</u>	<u>DEED BOOK/PAGE</u>
1091/166	Fred H. & Ruby Schlatter 7819 Cardinal Hill Louisville, KY 40214	5109 x 987
1091/109	Gerald A. & Rita G. Brown 4743 Walnut Grove Louisville, KY 40216	7040 x 649
1091/86	William J. & Virginia Davenport 6310 Powder Horn Drive Louisville, KY 40216	2828 x 192
1091/39	James A. Hall & William R. Atterberry 5619 McDeane Road Louisville, KY 40216	6156 x 757
<u>1091/9</u>	Paul D. & Diana Miller II 7606 Greenwood Road Louisville, KY 40258	6153 x 237
1091/12	Paul D. & Diana Miller II 7606 Greenwood Road Louisville, KY 40258	6153 x 237
1091/88	Ruby Parker 4727 Walnut Grove Avenue Louisville, KY 40216	6811 x 221

DIRECTIONS TO SITE:

In Louisville take I-264 west to Hwy 60 & 31W (Dixie Hwy, Exit #8A) go south on Dixie Hwy. approximately 1 mile to 4823 Dixie Hwy. The site is located in the very rear of Dixie Florist located at this address.





# McNAMARA & JONES

Attorneys at Law

Sam G. McNamara  
Charles E. Jones

P.O. Box 916  
315 High Street (40601)  
Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Jesse and Mary Lou Rippy  
9102 Split Rail Drive  
Louisville, KY 40272

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Rippy:

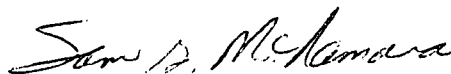
Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The Public Service Commission in its review of the proposed construction shall not consider the character of the general area concerned or the likely effects of the installation on nearby land uses and values, as these matters are decided by the local planning unit.

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 twenty (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. 99-009 in your correspondence.

Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# MCNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Curtis and Alva Hardin  
4843 Dixie Highway  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Hardin:

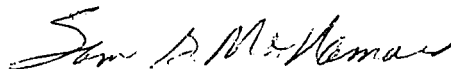
Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

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Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

H. Ray McPhail Co. Profit Sharing Trust c/o The Pep Boys  
3111 W. Allegheny Avenue  
Philadelphia, PA 19132

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Gentlemen:

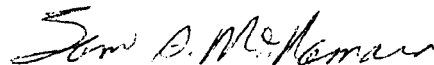
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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

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Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Say Hai and May Cun  
7307 York River Road  
Louisville, KY 40214

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Say Hai and May Cun:

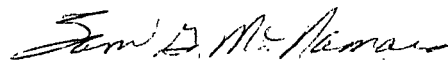
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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# MCNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)  
Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara  
Charles E. Jones

Phone: 502/875-8808  
Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Mr. Norman G. Rohleder  
1715 Sanders Lane  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. Rohleder:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

Sam G. McNamara  
Charles E. Jones

P.O. Box 916  
315 High Street (40601)  
Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Mr. Dwight McDonald  
2151 Alta Avenue  
Louisville, KY 40205

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. McDonald:

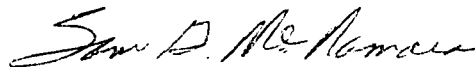
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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara  
Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Lawrence B. and A. Crenshaw  
4833 Dixie Highway  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Crenshaw:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara  
Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Ms. Kimberly B. Kuprion  
4740 Walnut Grove Avenue  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Ms. Kuprion:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The Public Service Commission in its review of the proposed construction shall not consider the character of the general area concerned or the likely effects of the installation on nearby land uses and values, as these matters are decided by the local planning unit.

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 twenty (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. 99-009 in your correspondence.

Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure



# McNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Ms. Lavern Jamison  
4738 Walnut Grove Avenue  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Ms. Jamison:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

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P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

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Fax: 502/223-1043

## VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED

A. J. Properties  
1811 Cargo Court  
Jeffersontown, KY 40299

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Gentlemen:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

## VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED

Brauvin High Yield Venture  
30 N. LaSalle Street - Suite 3100  
Chicago, IL 60602

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Gentlemen:

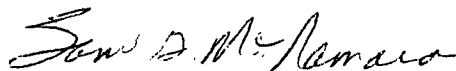
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Sincerely,



Sam G. McNamara

Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# MCNAMARA & JONES

Attorneys at Law

P.O. Box 916

Sam G. McNamara  
Charles E. Jones

315 High Street (40601)  
Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Dixie Properties  
4436 Dixie Highway  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Gentlemen:

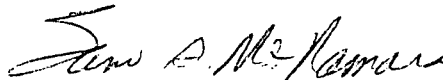
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Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara  
Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Mr. George D. Lawson, Sr.  
4436 Dixie Highway  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. Lawson:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

Sam G. McNamara  
Charles E. Jones

P.O. Box 916  
315 High Street (40601)  
Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Ms. Pauline E. Vittitow  
4726 Walnut Grove Avenue  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Ms. Vittitow:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# MCNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Clyde L. Lewis and Patricia Blevins  
4732 Walnut Grove Avenue  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. Lewis and Ms. Blevins:

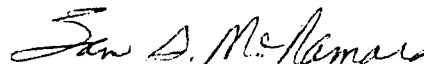
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Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

Sam G. McNamara  
Charles E. Jones

P.O. Box 916  
315 High Street (40601)  
Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Thomas Cash and Sharon A. Winters  
4748 Walnut Grove Avenue  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. Cash and Ms. Winters:

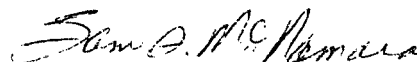
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Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure



# McNAMARA & JONES

Attorneys at Law

Sam G. McNamara  
Charles E. Jones

P.O. Box 916  
315 High Street (40601)  
Frankfort, Kentucky 40602-0916

Phone: 502/875-8808  
Fax: 502/223-1043

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

G. R. and Linda M. Joyce  
1709 Brick Kiln Lane  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Joyce:

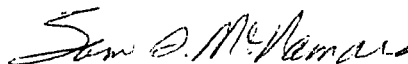
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Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# McNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Fred H. and Ruby Schlatter  
7819 Cardinal Hill  
Louisville, KY 40214

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Schlatter:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Sincerely,

Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

# MCNAMARA & JONES

Attorneys at Law

P.O. Box 916

315 High Street (40601)  
Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara  
Charles E. Jones

Phone: 502/875-8808  
Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Gerald A. and Rita G. Brown  
4743 Walnut Grove  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Brown:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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Attorney for Kentucky CGSA, Inc.

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Enclosure

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Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

William J. and Virginia Davenport  
6310 Powder Horn Drive  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Davenport:

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Enclosure

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Attorneys at Law

P.O. Box 916

315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

## VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED

Messrs. James A. Hall and William R. Atterberry  
5619 McDeane Road  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Messrs. Hall and Atterberry:


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Attorney for Kentucky CGSA, Inc.

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315 High Street (40601)

Frankfort, Kentucky 40602-0916

January 19, 1999

Sam G. McNamara

Charles E. Jones

Phone: 502/875-8808

Fax: 502/223-1043

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Paul D. Miller II and Dianna Miller  
7606 Greenwood Road  
Louisville, KY 40258

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Mr. and Mrs. Miller:

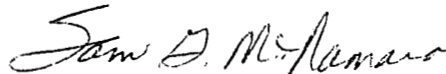
Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The Public Service Commission in its review of the proposed construction shall not consider the character of the general area concerned or the likely effects of the installation on nearby land uses and values, as these matters are decided by the local planning unit.

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 twenty (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. 99-009 in your correspondence.

Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure

January 19, 1999

**VIA CERTIFIED MAIL; RETURN RECEIPT REQUESTED**

Ms. Ruby Parker  
4727 Walnut Grove Avenue  
Louisville, KY 40216

Re: Public Notice - Public Service Commission of KY - Case No. 99-009

Dear Ms. Parker:

Kentucky CGSA, Inc. Has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunication service. The facility will include a 170' monopole tower with nine (9) antennas for a total height of 180' and an equipment shelter to be located at 4823 Dixie Highway, Louisville, Jefferson, Kentucky, in an area zoned "M-2 Industrial." A map showing the location of the proposed new facility is enclosed. Directions to the site are as follows: In the City of Louisville, take I-264 west to Highway 60 and 31W (Dixie Highway, Exit #8A); go south on Dixie Highway approximately 1 mile to 4823 Dixie Highway; the site is located in the very rear of Dixie Florist located at this address. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

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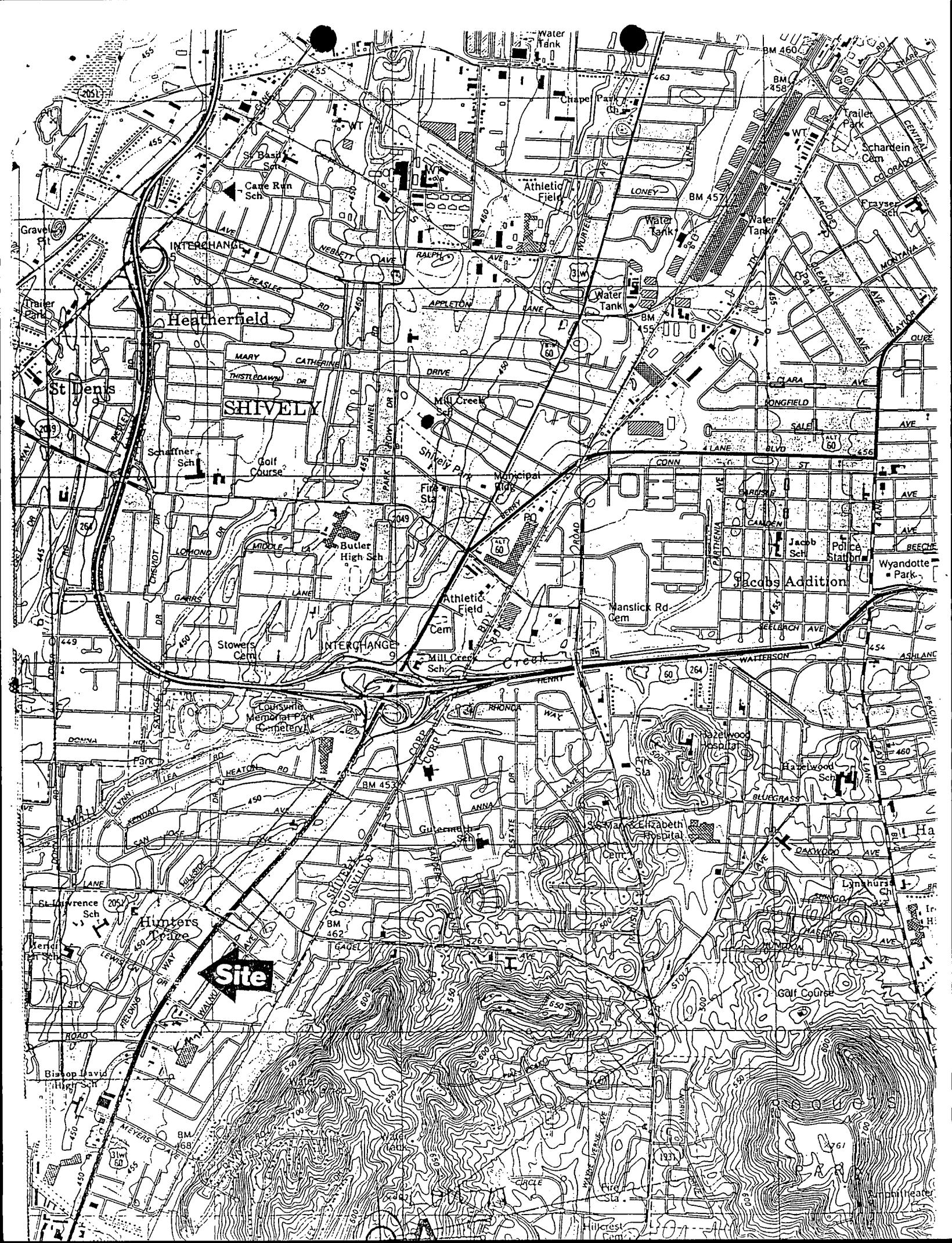
Sincerely,



Sam G. McNamara  
Attorney for Kentucky CGSA, Inc.

SGM/j

Enclosure



Site



## OPTION AND LEASE AGREEMENT

THIS AGREEMENT, made this 20<sup>th</sup> day of August, 1998 between Mary Lou & Jesse Rippy Jr., hereinafter designated LESSOR and BellSouth Mobility, Inc., hereinafter designated TENANT.

## RECITALS:

LESSOR is the owner of certain real property located in Louisville in Jefferson County, State of Kentucky and TENANT desires to obtain an Option to lease a portion of said real property, containing approximately 4800 square feet, together with a right of way for access thereto (said lease parcel and right of way hereinafter called "Property"). The property is more specifically described in and substantially shown outlined in red on Exhibit "A" attached hereto and made a part hereof.

NOW THEREFORE, in consideration of a sum of \_\_\_\_\_ Dollars ( \_\_\_\_\_ ), hereinafter referred to as "Option Money", to be paid by TENANT to the LESSOR, which TENANT will provide upon its execution of this Agreement, the LESSOR hereby grants to TENANT the right and Option to lease said portion of said real property including a right of way for access thereto for the term and in accordance with the covenants and conditions set forth herein.

The Option may be exercised at any time on or prior to August 20, 1999

At TENANT's election, and upon TENANT's prior written notification to LESSOR, the time during which the Option may be exercised may be further extended for one additional period of Six (6) months, through and including February 20, 192000 with an additional payment of \_\_\_\_\_ Dollars ( \_\_\_\_\_ ) by TENANT to LESSOR for the Option Period so extended. The time during which the Option may be exercised may be further extended by mutual agreement in writing. If during said Option Period, or during the term of the lease, if the Option is exercised, the LESSOR decides to subdivide, sell or change the status of the Property or Lessor's property contiguous thereto, Lessor shall immediately notify TENANT in writing so that TENANT can take steps necessary to protect TENANT's interest in the Property.

LESSOR covenants that LESSOR is seized of good and sufficient title and interest to the Property and has full authority to enter into and execute this Agreement. LESSOR further covenants that there are no other liens, judgments or impediments of title on the Property.

This option may not be sold, assigned, or transferred, at any time except to TENANT's principal, affiliates or subsidiaries of its principal. As to other parties, this Option may not be sold, assigned or transferred without the written consent of the LESSOR, such consent not to be unreasonably withheld.

JJR MCR

Should TENANT fail to exercise this Option or any extension thereof within the time herein limited, all rights and privileges granted hereunder shall be deemed completely surrendered, this Option terminated, and LESSOR shall retain all money paid for the Option, and no additional money shall be payable by either party to the other.

The LESSOR shall permit TENANT during the Option Period, free ingress and egress to the Property to conduct such surveys, structural strength analysis, subsurface boring tests and other activities of similar nature, as TENANT may deem necessary, at the sole cost of TENANT.

Notice of the exercise of the Option shall be given by TENANT to the LESSOR in writing by certified mail, return receipt requested. Notice shall be deemed effective on the date it is posted. On the date of such notice the following Agreement shall take effect:

### LEASE AGREEMENT

1. LESSOR hereby leases to TENANT that certain parcel of real Property, containing approximately 4,800 square feet, situated in Jefferson County, State of Kentucky, together with the nonexclusive right for ingress and egress, seven (7) days a week, twenty-four (24) hours a day, on foot or motor vehicle, including trucks, and for the installation and maintenance of utility wires, cables, conduits and pipes over, under or along a twenty foot (20') wide right of way extending from the nearest public right of way Dixie Hwy., to the leased parcel, said parcel and right of way for access being substantially as described herein Exhibit "A" and as shown enclosed within red lines on Exhibit "A" attached hereto and made a part hereof. Said leased parcel and right of way for access shall be hereinafter referred to as "Property". LESSOR shall cooperate with TENANT in TENANT's effort to obtain utility services along said right of way by signing such documents or easements as may be required by said utility companies. In the event any public utility is unable to use the aforementioned right of way, the LESSOR hereby agrees to grant an additional right of way either to the TENANT or to the public utility at no cost to the TENANT.

2. LESSOR also hereby grants to TENANT the right to survey said Property, and the legal description on said survey shall become Exhibit "B", which shall be attached hereto and made a part hereof, and shall control in the event of discrepancies between it and Exhibit "A". LESSOR grants TENANT the right to take measurements, make calculations, and to note other structures, setbacks, uses, or other information as deemed by TENANT to be relevant and pertinent as such information relates to LESSOR's real property, leased or otherwise abutting or surrounding the Property. Cost for such survey work shall be borne by the TENANT.

3. This Agreement shall be for an initial term of five (5) years beginning on the date the Option is exercised by TENANT at an annual rental payment of ( ) to be paid in equal monthly installments on the first day of the month, in advance, to Mary Lou & Jesse Rippey Jr. or to such other person, firm or place as the LESSOR may, from time to time, designate in writing at least thirty (30) days in advance of any rental payment date.

4. TENANT shall have the option to extend this lease for four (4) additional five (5) year terms by giving the LESSOR written notice of its intention to do so at least six (6) months prior to the end of the then current term.

5. The annual rental for the first (1<sup>st</sup>) five (5) year extension term shall be increased to Dollars ( ); the second (2<sup>nd</sup>) five (5) year extension term shall be increased to Dollars ( ); the third (3<sup>rd</sup>) five (5) year extension term shall be increase to ( ); and the fourth (4<sup>th</sup>) five (5) year extension term shall be increased to ( ).

6. If at the end of the fourth (4<sup>th</sup>) five (5) year extension term this Agreement has not been terminated by either party by giving to the other written notice of an intention to terminate it at least six (6) months prior to the end of such term, this Agreement shall continue in force upon the same covenants, terms and conditions for a further term of one (1) year, and for annual terms thereafter until terminated by either party by giving to the other written notice of its intention to so terminate at least six (6) months prior to the end of such term. Monthly rental for this period shall be equal to the rent paid for the last month of the fourth (4) five (5) year extension term.

7. TENANT shall use the Property for the purpose of constructing, maintaining and operating a Communications Facility and uses incidental thereto, consisting of a building or buildings as necessary now or in the future to shelter telecommunications equipment and related office space, a free standing monopole or three sided antenna structure of sufficient height now or in the future to meet TENANT's telecommunication needs and all necessary appurtenances a security fence consisting of chain link construction or similar but comparable construction may at the option of TENANT be placed around the perimeter of the Property (not including the access easement). All improvements shall be at TENANT's expense. LESSOR grants TENANT the right to use adjoining and adjacent land as is reasonably required during construction, installation, maintenance, and operation of the Communication Facility. TENANT will maintain the Property in a reasonable condition. It is understood and agreed that TENANT's ability to use the Property is contingent upon its obtaining after the execution date of this Agreement, all of the certificates, permits and other approvals that may be required by any federal, state or local authorities. LESSOR shall cooperate with TENANT in its effort to obtain such approvals and shall take no action which would adversely affect the status of the Property with respect to the proposed use thereof by TENANT. LESSOR agrees to sign such papers as required to file applications with the appropriate zoning authority and/or commission for the proper zoning of the Property as required for the use intended by the TENANT. TENANT will perform all other acts and bear expenses associated with the rezoning procedure. LESSOR agrees not to register any written or verbal opposition to the rezoning procedures. In the event TENANT is unable to use the leased parcel and/or access easement to the leased parcel, due to imposed zoning conditions or requirements, LESSOR hereby grants to TENANT the right to modify Exhibit "A" in order to satisfy any imposed zoning conditions or requirements. In the event that any of such applications should be finally rejected or any certificate, permit, license or approval issued to TENANT is canceled, expires, lapses, or is otherwise withdrawn or terminated by government authority or soil boring test or radio frequency propagation tests are found to be unsatisfactory so that TENANT, in its sole discretion, will be unable to use the Property for its intended purposes, TENANT shall have the right to terminate this Agreement. Notice of the TENANT's exercise of its right to terminate shall be given to LESSOR in writing by certified mail, return receipt requested, and shall be effective upon the receipt of such notice by the LESSOR as evidenced by the return receipt. All rentals paid to said termination date shall be retained by the LESSOR. Upon such termination, this Agreement shall become null and void and all parties shall have no further obligations, including the payment of money, to each other.

JAR MCL

8. TENANT shall indemnify and hold LESSOR harmless against any claim of liability or loss from personal injury or property damage resulting from or arising out of the use and occupancy of the Property by the TENANT, its servants or agents, excepting, however such claims or damages as may be due to or caused by the acts of the LESSOR, or its servants or agents.

9. LESSOR agrees that TENANT may self-insure against any loss or damage which could be covered by a comprehensive general public liability insurance policy.

10. Tenant will be responsible for making any necessary returns for and paying any and all property taxes separately levied or assessed against its improvements on the Property. TENANT shall reimburse LESSOR as additional rent for any increase in real estate taxes levied against the leased Property which are directly attributable to the improvements constructed by TENANT and are not separately levied or assessed against TENANT's improvement's by the taxing authorities.

11. TENANT upon termination of this Agreement, shall, within a reasonable period, remove its personal property and fixtures and restore the property to its original above grade condition, reasonable wear and tear excepted. At LESSOR's option when this agreement is terminated and upon LESSOR's advance written notice to TENANT, TENANT will leave the foundation and security fence to become the property of the LEASOR. If such time for removal causes TENANT to remain on the Property after termination of this Agreement, TENANT shall pay rent at the then existing monthly rate or on the existing monthly pro-rata basis if based upon a longer payment term, until such time as the removal of personal property and fixtures are completed.

12. Should the LESSOR, at any time during the term of this Agreement, decide to sell all or any part of his real property which includes the parcel of property leased by TENANT herein and/or the right of way thereto to a purchased other than TENANT, such sale shall be under and subject to this Lease Agreement and TENANT's right hereunder. LESSOR agrees not to sell, lease or use any other areas of the larger parcel upon which Property is situated for the placement of other communications facilities if, in TENANT's sole judgment, such installation would interfere with the facilities in use by TENANT.

13. LESSOR covenants that TENANT, on paying the rent and performing the covenants shall peaceably and quietly have, hold and enjoy the Property.

14. LESSOR covenants that LESSOR is seized of good and sufficient title and interest to the Property and has full authority to enter into and execute this Agreement. LESSOR further covenants that there are not other liens, judgments or impediments of title on the Property.

15. It is agreed and understood that this Agreement contains all agreements, promises and understandings between the LESSOR and TENANT and that no verbal or oral agreement, promises or understandings shall be binding upon either the LESSOR or TENANT in any dispute, controversy or proceedings at law, and any addition, variation or modification to this Agreement shall be void and ineffective unless made in writing and signed by the parties.

16. This Lease agreement and the performance thereof shall be governed, interpreted, constructed and regulated by the laws of the State of Kentucky.

17. This lease may not be sold, assigned or transferred at any time except to TENANT's principal, affiliates or subsidiaries of its principal or to any company upon which TENANT is merged or consolidated. As to other parties, this Lease may not be sold, assigned or

transferred without the written consent of the LEASOR, such consent not to be unreasonably withheld. TENANT may sublease this Lease upon notice to LESSOR.

18. All notices hereunder must be in writing and shall be deemed validly given if sent by certified mail, return receipt requested, addressed as follows (or to any other address that the party to be notified may have designated to the sender by like notice):

LESSOR: Mary Lou and Jesse Rippy Jr.  
4823 Dixie Hwy.  
Louisville, KY 40216

TENANT: Bellsouth Mobility, Inc.  
1650 Lyndon Farms CT.  
Louisville, KY 40223  
Attn.: Real Estate Manager

19. This Agreement shall extend to and bind the heirs, personal representatives, successors and assigns of the parties hereto.

20. At LESSOR's option, this Agreement shall be subordinate to any mortgage by LESSOR which from time to time may encumber all or part of the property or right of way; provided, however, every such mortgage shall recognize the validity of this Agreement in the event of a foreclosure of LESSOR's interest and also TENANT's right to remain in occupancy of and have access to the Property as long as TENANT is not in default of this Agreement. TENANT shall execute in a timely manner whatever instruments as may reasonably be required to evidence this subordination clause. In the event the leased Property is encumbered by a mortgage, the LESSOR, no later than ten (10) days after this lease is exercised, shall have obtained and furnished to TENANT a non-disturbance instrument in recordable form for each such mortgage.

21. If the whole of the leased premises or such portion thereof as will make the premises unusable for the purposes herein leased, are condemned by any legally constituted authority for any public use or purpose, then in either of said events the term hereby granted shall cease from the time when possession thereof is taken by public authorities, and rental shall be accounted for as between LESSOR and TENANT as of that date. Any lesser condemnation shall in no way affect the respective rights and obligation of LESSOR and TENANT hereunder. Nothing in this provision shall be constructed to limit or affect TENANT's right to an award of compensation of any eminent domain proceeding for the taking of TENANT's leasehold interest hereunder.

22. TENANT, at TENANT's option, may obtain title insurance on the leased property. LESSOR, at LESSOR's expense, shall cooperate with TENANT's efforts to obtain such title insurance policy by executing documents or obtaining requested documentation as required by the title insurance company. At TENANT's option, should the LESSOR fail to provide the requested documentation within thirty (30) days of TENANT's request, or fail to provide the non-disturbance instrument(s) as noted in Paragraph 20 of this Agreement, TENANT may withhold and accrue the monthly rental until such time as the requested document(s) is (are) received.

23. LESSOR shall hold TENANT harmless from and indemnify TENANT against and from any damage, loss, expenses or liability resulting from the discovery by any person of hazardous substances generated, stored, disposed of, or transported to or over Property, as long as such substance was not stored, disposed of, or transported to or over the Property by TENANT, its agents, contractors, employees, or invitees. TENANT will be responsible for any and all damages, losses, and expenses and will indemnify LESSOR against and from any discovery by any persons of hazardous wastes generated, stored, or disposed of as a result of TENANT's equipment and uses of the aforementioned Property.

(Remainder of page intentionally left blank)

IN WITNESS WHEREOF, the parties hereto have set their hands and affixed their respective seals the day and year first above written.

Signed, sealed and delivered in the presence of:

LESSOR:

Paul Allen  
WITNESS

Mary Lou Rippy (Seal)  
Mary Lou Rippy

Kay Bratcher  
WITNESS

Jesse Rippy Jr. (Seal)  
Jesse Rippy Jr.

[Signature]  
~~NOTARY PUBLIC~~

Notary Public, State of Large, KY  
My commission expires Dec. 1, 2001

Signed, sealed and delivered in the presence of:

TENANT:

BellSouth Mobility, Inc.

\_\_\_\_\_  
WITNESS

\_\_\_\_\_  
BY:

\_\_\_\_\_  
WITNESS

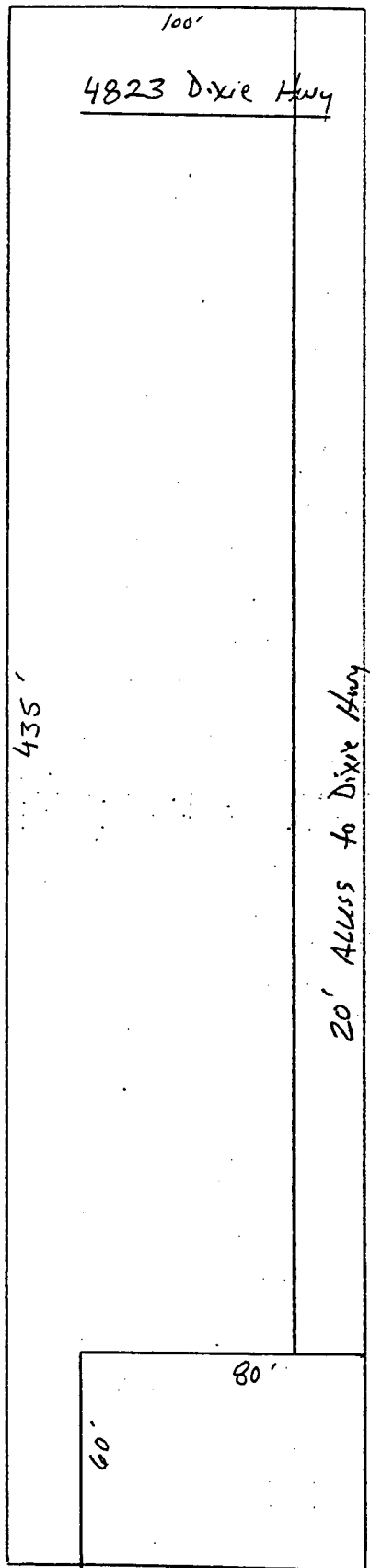
TITLE: \_\_\_\_\_

(CORPORATE SEAL)

\_\_\_\_\_  
NOTARY PUBLIC

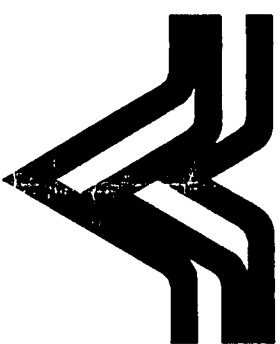
JDR MCR

Dixie Hwy



JR MLR

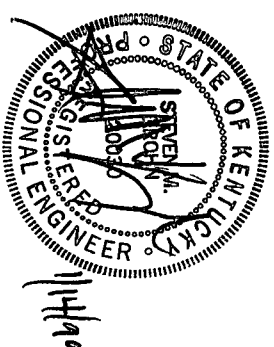




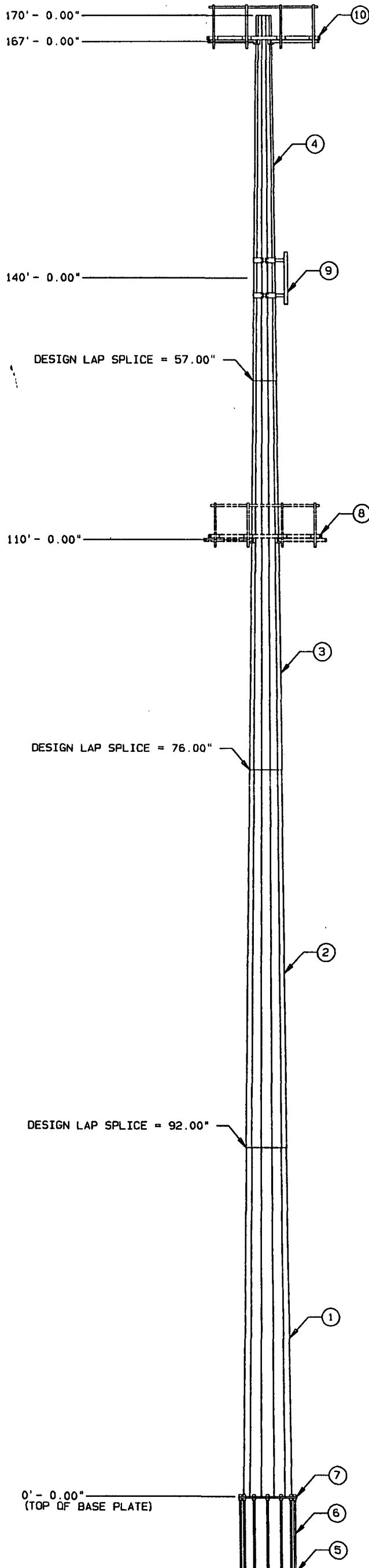
**VALMONT®**

VALMONT INDUSTRIES, INC.  
WEST HIGHWAY 275 - P.O. BOX 358  
VALLEY, NEBRASKA 68064  
PHONE: 1-800-VALMONT (825-6668)  
PROJECT ENGINEER: STEVE KROHN X3727

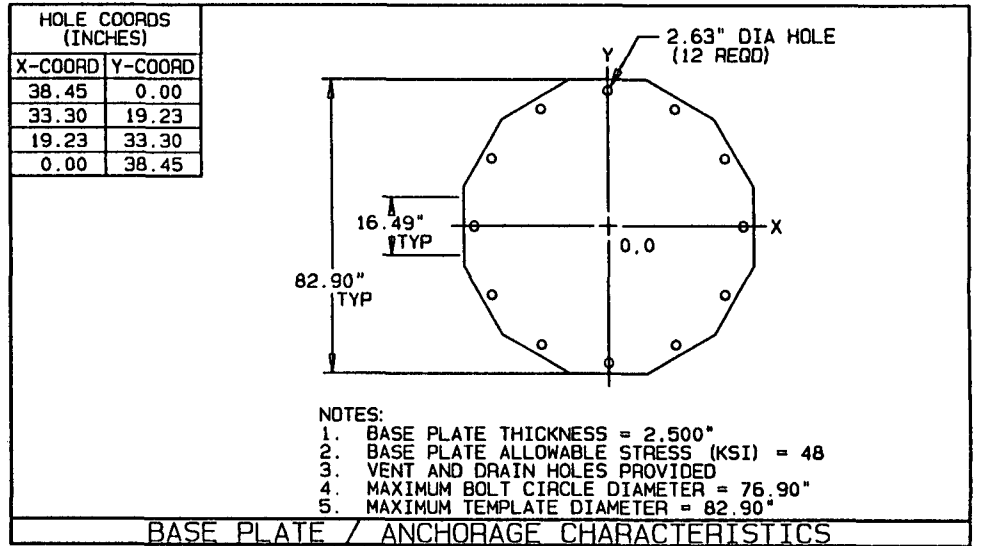
# COMMUNICATION POLE PERMIT DRAWINGS



BellSouth Mobility - Louisville  
VALMONT QUOTE NO.: F646  
SITE: Louisville - Rockford (LOU-RF), Requote  
POLE HEIGHT: 170'



ITEM ID	NO. REQD	FEATURES	WEIGHT (LBS)
1	1	SECTION A	15,733
2	1	SECTION B	12,488
3	1	SECTION C	6,946
4	1	SECTION D	3,012
5	1	BOTTOM CAGE PLATE	160
6	12	2.25"-4.5 UNC-2A ANCHOR BOLT, LENGTH = 9.00'	1,649
7	1	BASE PLATE	3,389
8	1	VALMONT PLATFORM W/RAILS (13'-5" FACE)	2,201
9	1	MICROWAVE DISH MOUNT ASSEMBLY (10' Dia.)	240
10	1	VALMONT PLATFORM W/RAILS (13'-5" FACE)	2,201
1	1	TOP CAGE PLATE (REMOVE BEFORE SETTING POLE)	206
1	1	SAFETY CLIMBING CABLE (LENGTH = 160.00')	113
2	2	GROUNDING LUG GALVANIZING	646
1	1	SP7 "BRUSH BLAST" (ENTIRE STRUCTURE)	
177	1	STEP AND CLIP (VALMONT STANDARD)	1
7	7	HAND HOLE (5" x 8")	1
3	3	HAND HOLE (9" x 24")	56
3	3	HAND HOLE (6" x 18") (TUBE)	12
3	3	HAND HOLE (6" x 18") (FORMED)	18
1	1	POLE CAP	32



NOTES:

1. REACTIONS FOR FOUNDATION DESIGN.  
 MOMENT = 35,442 IN-KIPS  
 SHEAR = 26,432 #  
 VERTICAL = 56,819 #
2. GALVANIZED PER ASTM A-123.
3. DESIGN CRITERIA: EIA/TIA 222-F
4. THIS STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING LOADING:  
 A. CASE 1: WIND = 70 MPH, ICE = 0.50 INCH  
 B. CASE 2: WIND = 50 MPH  
 C. EQUIPMENT

DESCRIPTION	MTG HT. (FT)	CENTROID HT. (FT)	ECC (FT)	WITHOUT ICE EPA (FT**2)	WT (LBS)	WITH ICE EPA (FT**2)	WT (LBS)
1-Lightning Rod, 15'	170.00	177.50	0.00	3.60	100	5.10	126
1-Platform, Valmont	167.00	168.50	0.00	35.85	2500	40.46	3500
12-DB878H	167.00	171.00	0.00	100.50	240	107.74	924
1-HP MW Dish, 10' Di	140.00	140.00	3.00	99.10	705	100.75	1310
1-Platform, Valmont	110.00	111.50	0.00	35.85	2500	40.46	3500
12-DB878H	110.00	114.00	0.00	100.50	240	107.74	924

5. FEEDLINES ARE PLACED INTERIOR TO POLE SHAFT (UNLESS NOTED OTHERWISE).

SECTION INFORMATION					
ITEM ID	LENGTH	BASE OD	TOP OD	THK	MATL
1	48' - 0.00"	68.00"	54.08"	0.500"	S-22
2	49' - 8.00"	57.23"	42.84"	0.469"	S-22
3	49' - 4.00"	45.35"	31.06"	0.344"	S-22
4	41' - 9.00"	32.94"	20.83"	0.250"	S-22

ORDER	PROJECT	FILE ID	SCALE	DATE	ENGR
	F646	f646-170	NONE	01/14/99	SMK

DESCRIPTION: BELLSOUTH MOBILITY - LOUISVILLE 170' POLE, SITE: LOUISVILLE - RO



**REPORT OF SUBSURFACE EXPLORATION**

**PROPOSED LOU-RF-2 CITY TOWER**  
**Jefferson County, Kentucky**

*BELLSOUTH Mobility, Inc.*  
*1650 Lyndon Farms Court*  
*Louisville, Kentucky 40223*

Prepared By  
**HAGERTY**  
**A d k I n s o n**  
**Engineering Consultants**

**2305 Surrey Road**  
**Jeffersonville, Indiana 47130**

**October 9, 1998**

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**APPENDIX**

    Boring Location Plan

    Boring Logs

## SUMMARY

### I. Site Conditions

- A. Surface - high grasses and brush.
- B. Geology - Recent floodplain deposits over Outwash.
- C. Soils - about 6 inches to 2 feet of topsoil (with fill in boring B-1) overlying brown -gray silty clays, over sands at 13-15 feet over gravelly sands at about 34 feet.
- D. Depth to Rock - auger refusal was not encountered in the two borings advanced.

### II. Foundation Recommendations

#### Tower Foundation Design Parameters -

The tower should be supported by a drilled pier extending through the clays into the sands present on-site. The pier should be designed to be at least 6.0 feet in diameter and should extend at least 22 feet below the existing ground surface. The pier should be designed using a value of side friction between soil and concrete of 500 pounds per square foot (psf) and a design end-bearing pressure of 3,000 psf.

#### Switchgear Building Design Parameters -

The building foundation should be designed as a continuous, soil-bearing footing. The footing should bear at a depth of at least 30 inches below final exterior grade and should be designed using a maximum allowable soil bearing pressure of 1,500 psf.

The entire contents of this report should be read and evaluated prior to utilization of the recommendations given above, in the preparation of design and construction documents.

## PROJECT INFORMATION

### Project Authorization

This report presents the results of the subsurface exploration and engineering evaluation for the proposed LOU-RF-2 antenna tower to be constructed for BellSouth Mobility, Inc., (BMI), in Jefferson County, Kentucky. Authorization to perform this exploration and

evaluation was given in the form of a request on a Site Data Report. Work performed on this project was executed in general accordance with HAEC Contract No. 97-003, dated May 9, 1997.

Project Description

According to the information provided by BMI, the proposed antenna will be mounted on a 150 feet high metal monopole tower. Power and switching equipment for the tower will be contained in a prefabricated switchgear building. Grading information was not available at the time of this study. However, it was assumed that the final exterior grade will be approximately equal to that of the existing ground surface elevation.

Loading information was assumed on the basis of previous evaluations of similar structures. Loads assumed to be utilized in analysis and design were as follows:

STRUCTURE	COMPRESSION LOAD	LATERAL LOAD	OVERTURNING MOMENT
TOWER	60 Kips	30 Kips	1,980 ft-Kips
BUILDING	73 Kips	-----	-----

If any of the noted information is incorrect or has changed, please inform us so that we may amend the recommendations in this report, if appropriate or necessary.

Purpose and Scope of Services

The purpose of these activities was to evaluate the soil, rock, and groundwater conditions at the LOU-RF-2 tower site, and provide information regarding support conditions and site preparation concerns for the proposed on-site structure.

The scope of services included: a review of geologic maps of the area and in-house experience with local geologic conditions; site reconnaissance; subsurface exploration; appropriate laboratory testing; and engineering evaluation of the subsurface materials. The scope of services did not include an environmental assessment concerning the presence or absence of wetlands or of hazardous or toxic materials in the soil, rock, groundwater, or air either on, below, or around this site.

Two (2) borings were advanced in the tower area on-site. The locations of these borings are shown on the attached Boring Location Plan. This scope of work was discussed with Mr. Larry Hester, of BellSouth Mobility, and was approved prior to the start of field activities.

## **SITE AND SUBSURFACE CONDITIONS**

### Site Description and History

The proposed lease area was located to the east of a parcel at 4823 Dixie Highway in Jefferson County, Kentucky, southwest of Louisville. The project area was occupied primarily by residential and commercial properties. The project site was bordered on the northwest by a gravel parking lot, on the northeast and southwest by undeveloped lots, and on the southeast by a drainage ditch.

The proposed project site was 60 feet by 80 feet in plan dimensions. The site surface at the time of exploration was covered by high grasses and thick brush. Several large, mature trees were present within the lease area. The area was relatively level; there was less than one foot of relief across the site.

Drainage on-site would occur as sheet flow along natural gradients to the drainage ditch to the southeast. There were no signs to indicate that persistent standing water or poor drainage were present on-site.

### Site Geology

According to the Louisville West Geologic Quadrangle map, published by the United States Geologic Survey (USGS), the project site is underlain by fluvial-glacial outwash. This alluvial material was deposited as glacial meltwaters flowed along tributaries of the previous alignment of the Ohio River. The outwash deposits are relatively thick (up to 170 feet) and are overlain by relatively recent deposits of clay and silt at shallow depths. Beneath the clay and silt layers, sands and gravels are located. The sand and gravel layers commonly are cross-bedded and interbedded as a result of the variable depositional characteristics at different times during the formation of the unit. In addition, localized groundwater flow systems are common.

### Subsurface Conditions

The site subsurface conditions were explored with two soil test borings drilled within the proposed construction area. The types of foundation bearing materials encountered in the

exploration have been classified visually and are described on the Boring Logs. Included on the Logs are Standard Penetration Resistance values, groundwater level readings, and descriptions of the strata penetrated. The number, depths, and locations of the borings were designed to provide information concerning subsurface conditions across the site. Borings were located in the field utilizing the site data package and standard taping procedures, and indicated locations are presumed to be accurate within a few feet. The boring locations are shown on the attached Boring Location Plan. Soil samples were sealed in sample jars to prevent moisture loss. Field testing was conducted in general accordance with ASTM standards and other industry-accepted methods.

A layer of topsoil was encountered at the ground surface in both borings. In boring B-2, the topsoil layer was about 6 inches thick. The top layer in boring B-1 included some debris fill and extended to about 2 feet. Topsoil and fill deposit thicknesses elsewhere may vary.

Beneath the topsoil, a layer of silty clay was identified. The clay layer was brown and gray, firm to very stiff in consistency, moist, and of low plasticity. The brown and gray silty clays extended to depths of 14.5 feet and 12.5 feet in borings B-1 and B-2, respectively.

The silty clays transitioned into brown sands which were poorly graded and very loose to dense in consistency. The sands typically were coarse-grained and moist. Beneath a depth of about 34 feet, the sand layers contained gravel, were dense, and were wet. The gravelly sands extended to boring termination at depths of 40 feet in both borings.

#### Groundwater Information

Groundwater was encountered at a depth of 23 feet in boring B-1; boring B-2 caved at about the same elevation, and the sand below that level was wet in boring B-2. Variable groundwater levels in outwash deposits are common. Because of safety considerations, the holes were backfilled upon completion and no twenty-four-hour readings were taken. The absence or presence of groundwater presented in this report was indicated by conditions measured at the time of our field activities. Fluctuations in groundwater level should be anticipated. It is possible that perched and/or trapped water is present on-site, especially within the deeper layers containing gravel. Volumes of such perched or trapped groundwater may be significant.



## EVALUATION AND RECOMMENDATIONS

### Site Preparation Recommendations

To prepare the site for construction, the entire tower area should be stripped of all surficial materials. Stripping should extend to dimensions sufficient to allow adequate access to excavations for the foundation system and to allow progress of construction operations.

Most of the lease area will be used for the proposed foundations; therefore, proofrolling probably will not be required on this project site. If site grading plans change, and significant fill volumes will be placed on-site, the geotechnical engineer should be contacted so that she can provide proofrolling recommendations.

At this time, significant fill is not planned for the site. If earthwork plans change, controlled fill should be either well-graded aggregate, or low plasticity clay, or clean sand. Any clay fill soil should have a plasticity index less than 40, and a maximum dry density, as determined by the Standard Proctor test (ASTM D-698), of at least 100 pounds per cubic foot (pcf). Any fill material should be placed and compacted to at least 90% of the Standard Proctor maximum dry density of the material. In-place density tests may be performed to confirm that the desired density has been achieved.

### Foundation Recommendations

Based on the subsurface conditions encountered and the assumed loading information, the proposed tower should be supported by a drilled pier embedded into the clays and sands present under the project site. The pier should be at least 6.0 feet in diameter and should be designed to extend at least 22 feet below the existing ground surface. If fill encountered on-site at the time of construction is deeper than 3 feet, the geotechnical engineer should be contacted to provide revised depth recommendations. If anchor bolt specifications require a greater diameter than 6 feet, the revised diameter should be provided to HAEC so that an appropriate pier length can be calculated. The pier should be designed using a value of side friction between soil and concrete of 500 psf and an end-bearing value on sand of 3,000 pounds per square foot. The upper 5 feet of soil should be neglected when calculating the pier length. Reinforcing steel in the pier should be selected to resist the design lateral loads and overturning moment.

The switchgear building should be designed to be supported on a continuous, shallow, soil-bearing footing. The footing should be designed using a maximum net allowable soil bearing pressure of 1,500 psf. (This design bearing pressure was formulated using a predicted maximum total settlement of not more than 1 inch). In general, the foundation should be designed to bear on silty clays at a depth of 30 inches below the final exterior grade.

The geotechnical engineer should be present to confirm that bearing materials are suitable and that the foundation design specifications have been achieved in the field.

### CONSTRUCTION CONSIDERATIONS

Construction of the foundation will require special consideration and planning. Such considerations are given in the following paragraphs. The geotechnical engineer should be present at the time of construction to confirm the presence of appropriate support conditions.

Dry auger methods probably can be used to construct the drilled pier foundation; however, the use of a steel casing may be required as the excavation is advanced through the sand layers. The concrete slump should be 5 to 7 inches to allow coverage of the reinforcing steel, and the final concrete volume should be monitored to confirm that there were no inclusions generated during concrete placement.

If water is present in the pier excavation, dewatering should be conducted while the excavation is open. The water depth in the bottom of the excavation should not exceed 2 inches just prior to concrete placement. If dewatering to such a level cannot be accomplished, the water in the excavation should be allowed to attain a static level. Then, concrete should be pumped or tremied to the bottom of the shaft excavation. As concrete placement continues, the tremie or pump head should be raised up through the excavation. At least 5 feet of embedment of the tremie or head into the concrete should be maintained at all times. If groundwater inflow is significant, it may be necessary to utilize a polymer slurry to maintain an open excavation. The geotechnical engineer should be present to identify potential problems generated by groundwater inflow. Concrete for the pier should be placed the same day as pier excavation is completed.

The excavations for the building foundation should be observed by the geotechnical engineer to confirm the presence of suitable conditions. If the exposed materials are significantly deleterious, overexcavation should be conducted until suitable materials are encountered. All significant occurrences of loose material and debris should be cleaned from the excavation prior to concrete placement. Since the soils encountered on-site are susceptible to degradation if exposed to the elements for any significant time period, concrete should be

placed the same day excavation occurs. If concrete placement cannot take place the same day, a mud mat of lean concrete can be placed on the same day to prevent degradation of the subgrade. If a mud mat is not placed, the geotechnical engineer should observe the subgrade just prior to concrete placement to determine whether degraded soils must be removed from the subgrade surface.

### REPORT LIMITATIONS

The recommendations submitted for the proposed project are based on the available soil information obtained, and design details furnished by Mr. Larry Hester, representing BellSouth Mobility, Inc., and by Mr. Bill Grigsby, of Nolan and Nolan Architects. If there are any revisions to the plans for this project or if deviations from the noted subsurface conditions are encountered during construction, the geotechnical engineer should be notified immediately to determine if changes in the foundation or other recommendations are required.

The geotechnical engineer warrants that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with generally accepted professional geotechnical engineering practices in the local area. No other warranties are implied or expressed.

After the plans and specifications are more complete, they should be reviewed by the geotechnical engineer to affirm proper incorporation of the report recommendations into the design documents. At that time, it may be necessary to submit supplemental recommendations. This report has been prepared for the exclusive use of BellSouth Mobility, Inc., for specific application to the proposed LOU-RF-2 antenna tower project at the described location.

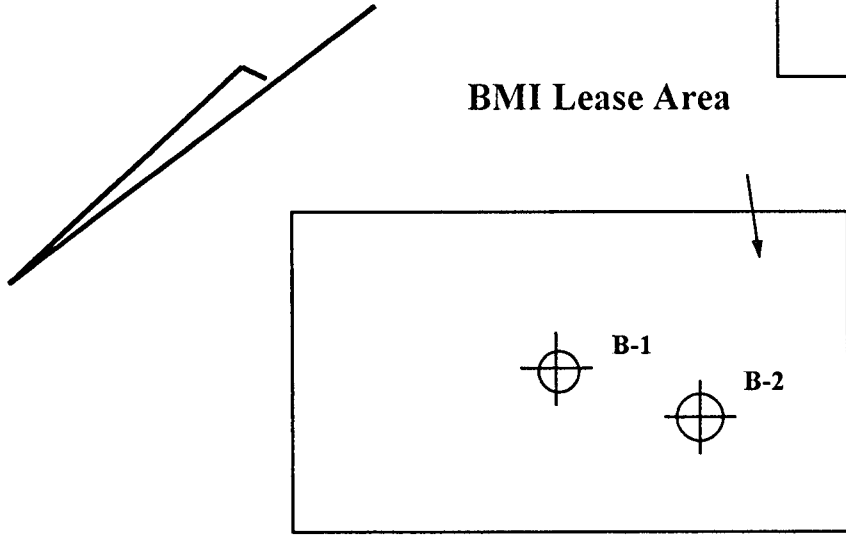
*Appendix*

Boring locations are approximate.

LEGEND

⊕ Soil Test Boring

BMI Lease Area



Existing Parking Lot

PROJECT NO.: 8G039

DRAWN BY: PMH CHECKED BY: DJH

BORING LOCATION PLAN  
PROPOSED LOU-RF-2 TOWER  
*BELLSOUTH Mobility, Inc.*  
JEFFERSON CO., KENTUCKY

DATE: 10/08/98

DRAWING NO.: 8G039-1

HAGERTY                      2305 Surrey Road  
A d k i n s o n                      Jeffersonville, Indiana 47130  
Engineering Consultants                      (812)280-0752

# HAGERTY

A d k i n s o n  
Engineering Consultants

2305 Surrey Road  
Jeffersonville, Indiana 47130

**BORING #:** B-1

**PROJECT:** LOU-RF-2 TOWER

**DATE:** 10/05/98

**LOCATION:** Jefferson County, Kentucky

	DESCRIPTION	N	Mc	Sample	Remarks
0	Surface Elevation - Not Provided				
2.0'	TOPSOIL, with debris FILL	5		0-1.5'	<i>Groundwater Encountered at 23'</i>
		4		1.5-3.0	
	CLAY, silty, brown and gray, low plasticity, (CL), firm to very stiff, moist	6		4.0-5.5	
		11		6.5-8.0	
		12		9.0-10.5	
		7		14.0-15.5	
14.5'	SAND, brown, poorly graded, coarse-grained, very loose to loose, with random GRAVEL	6		19.0-20.5	
		3		24.0-25.5	
		6		29.0-30.5	
30.0'					



# HAGERTY

A d k i n s o n  
**Engineering Consultants**  
 2305 Surrey Road  
 Jeffersonville, Indiana 47130

**BORING #:** B-2

**PROJECT:** LOU-RF-2 TOWER

**DATE:** 10/05/98

**LOCATION:** Jefferson County, Kentucky

0  
0.5'

12.5'

30.0'

DESCRIPTION	N	Mc	Sample	Remarks
Surface Elevation - Not Provided				
TOPSOIL	11		0-1.5'	<i>Caved and dry at 25'</i>
CLAY, silty, brown and gray, low plasticity, (CL), firm to very stiff, moist	7		1.5-3.0	
	16		4.0-5.5	
	13		6.5-8.0	
	19		9.0-10.5	
	6		14.0-15.5	
SAND, brown, poorly graded, coarse-grained, very loose to loose	12		19.0-20.5	
(with GRAVEL and wet below about 24')	2		24.0-25.5	
	2		29.0-30.5	



# HAGERTY

A d k i n s o n  
**Engineering Consultants**  
 2305 Surrey Road  
 Jeffersonville, Indiana 47130

**BORING #:** B-2  
 (cont'd.)

**PROJECT:** LOU-RF-2 TOWER

**DATE:** 10/05/98

**LOCATION:** Jefferson County, Kentucky

	DESCRIPTION	N	Mc	Sample	Remarks
30.0'	SAND, brown, poorly graded, coarse-grained, loose to medium dense				
34.0'	SAND, brown, poorly graded, coarse-grained, dense, wet, with GRAVEL	15			
40.0'	BORING TERMINATED AT 40'	25			
60.0'					